

**2007 Wholesale Power Rate Case Initial Proposal**

**MARKET PRICE FORECAST STUDY  
DOCUMENTATION**

---

November 2005

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WP-07-E-BPA-03A





**MARKET PRICE FORECAST STUDY DOCUMENTATION  
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**1. ANNUAL ALPHA VECTORS**

Name	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
250CCFOM1	1631	1,626.0	1,622.0	1,618.0	1,615.0	1,613.0	1,610.0	1,607.0	1,605.0	1,602.0	1,599.0	1,597.0	1,594.0	1,591.0	1,589.0	1,586.0	1,584.0	1,584.0	1,584.0	1,584.0	1,584.0
250CCFOM10	1785	1,778.0	1,772.0	1,766.0	1,761.0	1,756.0	1,752.0	1,747.0	1,743.0	1,738.0	1,733.0	1,729.0	1,724.0	1,720.0	1,715.0	1,711.0	1,708.0	1,708.0	1,708.0	1,708.0	1,708.0
250CCFOM11	1902	1,897.0	1,892.0	1,888.0	1,885.0	1,881.0	1,878.0	1,875.0	1,872.0	1,869.0	1,866.0	1,863.0	1,860.0	1,857.0	1,854.0	1,851.0	1,848.0	1,848.0	1,848.0	1,848.0	1,848.0
250CCFOM12	1825	1,815.0	1,806.0	1,798.0	1,790.0	1,783.0	1,775.0	1,768.0	1,761.0	1,753.0	1,746.0	1,739.0	1,732.0	1,725.0	1,718.0	1,711.0	1,708.4	1,708.4	1,708.4	1,708.4	1,708.4
250CCFOM2	1692	1,683.0	1,675.0	1,667.0	1,660.0	1,653.0	1,646.0	1,639.0	1,633.0	1,626.0	1,619.0	1,613.0	1,606.0	1,599.0	1,593.0	1,586.0	1,584.0	1,584.0	1,584.0	1,584.0	1,584.0
250CCFOM3	1692	1,683.0	1,675.0	1,667.0	1,660.0	1,653.0	1,646.0	1,639.0	1,633.0	1,626.0	1,619.0	1,613.0	1,606.0	1,599.0	1,593.0	1,586.0	1,584.0	1,584.0	1,584.0	1,584.0	1,584.0
250CCFOM4	1825	1,815.0	1,806.0	1,798.0	1,790.0	1,783.0	1,775.0	1,768.0	1,761.0	1,753.0	1,746.0	1,739.0	1,732.0	1,725.0	1,718.0	1,711.0	1,708.0	1,708.0	1,708.0	1,708.0	1,708.0
250CCFOM5	1759	1,754.0	1,749.0	1,745.0	1,742.0	1,739.0	1,736.0	1,733.0	1,730.0	1,728.0	1,725.0	1,722.0	1,719.0	1,716.0	1,713.0	1,711.0	1,708.0	1,708.0	1,708.0	1,708.0	1,708.0
250CCFOM6	1902	1,897.0	1,892.0	1,888.0	1,885.0	1,881.0	1,878.0	1,875.0	1,872.0	1,869.0	1,866.0	1,863.0	1,860.0	1,857.0	1,854.0	1,851.0	1,848.0	1,848.0	1,848.0	1,848.0	1,848.0
250CCFOM7	1931	1,924.0	1,917.0	1,911.0	1,905.0	1,900.0	1,895.0	1,890.0	1,885.0	1,880.0	1,875.0	1,870.0	1,865.0	1,860.0	1,855.0	1,851.0	1,848.0	1,848.0	1,848.0	1,848.0	1,848.0
250CCFOM8	1931	1,924.0	1,917.0	1,911.0	1,905.0	1,900.0	1,895.0	1,890.0	1,885.0	1,880.0	1,875.0	1,870.0	1,865.0	1,860.0	1,855.0	1,851.0	1,848.0	1,848.0	1,848.0	1,848.0	1,848.0
250CCFOM9	1931	1,924.0	1,917.0	1,911.0	1,905.0	1,900.0	1,895.0	1,890.0	1,885.0	1,880.0	1,875.0	1,870.0	1,865.0	1,860.0	1,855.0	1,851.0	1,848.0	1,848.0	1,848.0	1,848.0	1,848.0
250CCHR	6910	6,880.0	6,850.0	6,820.0	6,800.0	6,780.0	6,760.0	6,740.0	6,720.0	6,700.0	6,680.0	6,660.0	6,640.0	6,620.0	6,600.0	6,580.0	6,560.0	6,540.0	6,520.0	6,500.0	6,490.0
250CCVOM1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM10	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM11	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM12	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
250CCVOM9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCFOM1	3298	3,298.0	3,298.0	3,298.0	3,298.0	3,298.0	3,294.0	3,290.0	3,286.0	3,282.0	3,278.0	3,274.0	3,270.0	3,266.0	3,262.0	3,258.0	3,255.0	3,255.0	3,255.0	3,255.0	3,255.0
340PFBCFOM10	3593	3,593.0	3,593.0	3,593.0	3,593.0	3,593.0	3,585.0	3,577.0	3,569.0	3,561.0	3,553.0	3,545.0	3,537.0	3,530.0	3,522.0	3,514.0	3,511.0	3,511.0	3,511.0	3,511.0	3,511.0
340PFBCFOM11	3848	3,848.0	3,848.0	3,848.0	3,848.0	3,848.0	3,843.0	3,839.0	3,834.0	3,829.0	3,825.0	3,820.0	3,815.0	3,811.0	3,806.0	3,801.0	3,798.0	3,798.0	3,798.0	3,798.0	3,798.0
340PFBCFOM12	3646	3,646.0	3,646.0	3,646.0	3,646.0	3,646.0	3,633.0	3,619.0	3,606.0	3,593.0	3,580.0	3,566.0	3,553.0	3,540.0	3,527.0	3,514.0	3,511.0	3,511.0	3,511.0	3,511.0	3,511.0
340PFBCFOM2	3381	3,381.0	3,381.0	3,381.0	3,381.0	3,381.0	3,368.0	3,356.0	3,344.0	3,332.0	3,319.0	3,307.0	3,295.0	3,283.0	3,271.0	3,258.0	3,255.0	3,255.0	3,255.0	3,255.0	3,255.0
340PFBCFOM3	3381	3,381.0	3,381.0	3,381.0	3,381.0	3,381.0	3,368.0	3,356.0	3,344.0	3,332.0	3,319.0	3,307.0	3,295.0	3,283.0	3,271.0	3,258.0	3,255.0	3,255.0	3,255.0	3,255.0	3,255.0
340PFBCFOM4	3646	3,646.0	3,646.0	3,646.0	3,646.0	3,646.0	3,633.0	3,619.0	3,606.0	3,593.0	3,580.0	3,566.0	3,553.0	3,540.0	3,527.0	3,514.0	3,511.0	3,511.0	3,511.0	3,511.0	3,511.0
340PFBCFOM5	3557	3,557.0	3,557.0	3,557.0	3,557.0	3,557.0	3,553.0	3,548.0	3,544.0	3,540.0	3,535.0	3,531.0	3,527.0	3,523.0	3,518.0	3,514.0	3,511.0	3,511.0	3,511.0	3,511.0	3,511.0
340PFBCFOM6	3848	3,848.0	3,848.0	3,848.0	3,848.0	3,848.0	3,843.0	3,839.0	3,834.0	3,829.0	3,825.0	3,820.0	3,815.0	3,811.0	3,806.0	3,801.0	3,798.0	3,798.0	3,798.0	3,798.0	3,798.0
340PFBCFOM7	3887	3,887.0	3,887.0	3,887.0	3,887.0	3,887.0	3,878.0	3,869.0	3,861.0	3,852.0	3,844.0	3,835.0	3,827.0	3,818.0	3,810.0	3,801.0	3,798.0	3,798.0	3,798.0	3,798.0	3,798.0
340PFBCFOM8	3887	3,887.0	3,887.0	3,887.0	3,887.0	3,887.0	3,878.0	3,869.0	3,861.0	3,852.0	3,844.0	3,835.0	3,827.0	3,818.0	3,810.0	3,801.0	3,798.0	3,798.0	3,798.0	3,798.0	3,798.0
340PFBCFOM9	3887	3,887.0	3,887.0	3,887.0	3,887.0	3,887.0	3,878.0	3,869.0	3,861.0	3,852.0	3,844.0	3,835.0	3,827.0	3,818.0	3,810.0	3,801.0	3,798.0	3,798.0	3,798.0	3,798.0	3,798.0
340PFBCCHR	8216	8,216.0	8,216.0	8,216.0	8,216.0	8,216.0	8,175.0	8,135.0	8,094.0	8,053.0	8,013.0	7,973.0	7,933.0	7,894.0	7,854.0	7,815.0	7,776.0	7,776.0	7,776.0	7,776.0	7,776.0
340PFBCVOM1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM10	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM11	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM12	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
340PFBCVOM9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80CTFOM1	895	892.0	890.0	888.0	887.0	886.0	885.0	884.0	883.0	882.0	881.0	880.0	879.0	878.0	877.0	876.0	876.0	876.0	876.0	876.0	876.0
80CTFOM10	979	976.0	972.0	969.0	967.0	965.0	963.0	961.0	959.0	957.0	955.0	953.0	951.0	949.0	947.0	945.0	945.0	945.0	945.0	945.0	945.0
80CTFOM11	1044	1,041.0	1,038.0	1,036.0	1,035.0	1,034.0	1,033.0	1,031.0	1,030.0	1,029.0	1,028.0	1,027.0	1,026.0	1,025.0	1,024.0	1,023.0	1,023.0	1,023.0	1,023.0	1,023.0	1,023.0
80CTFOM12																					



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**2. ANNUAL VECTORS**



### 3. AREAS

Area Number	Area Name	Short Area Name	Area Demand Number
1	Oregon/Washington/IdahoNorth	OWI	1
2	Northern California	NoCA	2
3	Southern California	SoCA	3
4	British Columbia	BC	4
5	Idaho South	IDSo	5
6	Montana	MT	6
7	Wyoming	WY	7
8	Colorado	CO	8
9	New Mexico	NM	9
10	Arizona/NevadaSouth	AZNV	10
11	Utah	UT	11
12	Nevada North	NVNo	12
13	Alberta	AB	13

**4. CONDITIONS**

Number	Name	Weekly Vector
1	On-Peak	3
2	Off-Peak	4

**5. DEMAND**

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1	12183	7850	11525	5672	1448	864	864	2761	725	2047	271	1345	5886
2	11376	7344	10836	5317	1374	838	838	2552	681	1992	254	1309	5663
3	11367	7197	10517	5135	1397	825	825	2509	667	1986	252	1313	5551
4	11851	7562	10759	5103	1436	831	831	2432	672	2086	255	1361	5494
5	13632	8653	11884	5179	1477	886	886	2591	711	2279	276	1476	5525
6	16399	10362	13941	5638	1680	963	963	3107	811	2549	324	1548	5735
7	17585	11010	15102	6522	1797	1080	1080	3397	895	2765	371	1555	6170
8	19507	11309	15248	6955	2087	1148	1148	3420	906	3109	392	1555	6409
9	20099	11526	15612	7148	2079	1152	1152	3445	921	3051	413	1551	6483
10	19272	11591	15774	7243	1969	1155	1155	3508	935	2846	419	1548	6498
11	18544	11515	16017	7293	1814	1141	1141	3532	939	2703	415	1547	6533
12	17801	11240	15913	7238	1754	1116	1116	3503	931	2606	404	1541	6559
13	17432	11124	15820	7201	1734	1095	1095	3480	913	2578	391	1533	6512
14	17237	11015	15699	7144	1714	1087	1087	3468	915	2572	384	1503	6472
15	17188	10968	15524	7097	1669	1083	1083	3442	909	2556	378	1486	6453
16	17213	10963	15479	7138	1668	1083	1083	3434	907	2546	376	1532	6464
17	18136	11507	16649	7643	1713	1100	1100	3571	925	2564	381	1708	6686
18	20581	13880	19193	8387	1784	1222	1222	4171	1070	2663	427	1843	7250
19	20644	13583	18550	8084	1875	1259	1259	4100	1127	2947	459	1822	7078
20	19594	12889	17593	7735	1855	1216	1216	3946	1075	2867	438	1780	6926
21	18525	11983	16439	7411	1798	1173	1173	3778	1037	2746	417	1683	6794
22	17340	11100	15332	7130	1757	1109	1109	3502	962	2659	390	1578	6611
23	16842	10778	14959	6948	1724	1078	1078	3412	901	2571	372	1546	6416
24	14577	9856	13820	6646	1525	974	974	3177	850	2378	340	1493	6306
25	13018	8745	12287	5966	1440	892	892	2878	771	2165	283	1385	6022
26	11919	8155	11372	5492	1407	841	841	2665	726	2109	259	1334	5794
27	11609	7882	10864	5259	1435	803	803	2474	702	2087	250	1330	5664
28	11771	8159	10963	5200	1454	793	793	2404	694	2147	254	1404	5630
29	13215	9147	12059	5223	1519	845	845	2620	719	2315	276	1520	5669
30	15916	10654	14111	5678	1683	929	929	3087	812	2535	325	1569	5816
31	17032	11190	15238	6535	1775	1062	1062	3389	896	2768	370	1583	6218
32	18505	11547	15358	6890	2072	1128	1128	3415	907	3061	399	1565	6410
33	18534	11679	15653	7117	2082	1140	1140	3433	924	2922	419	1547	6570
34	18038	11657	15975	7148	1903	1131	1131	3481	939	2717	410	1544	6569
35	17495	11491	16043	7166	1827	1120	1120	3485	937	2602	400	1527	6588
36	17072	11252	15988	7074	1794	1096	1096	3478	939	2546	392	1481	6584
37	16837	11127	15944	7007	1739	1078	1078	3464	918	2535	382	1430	6522
38	16753	11053	15844	6943	1732	1069	1069	3453	908	2510	376	1363	6487
39	16739	11023	15685	6909	1720	1066	1066	3435	899	2459	373	1350	6466
40	16744	11032	15598	6930	1719	1065	1065	3419	897	2429	372	1479	6475
41	17216	11649	16607	7322	1735	1082	1082	3590	900	2466	376	1673	6669
42	18819	13667	18718	8106	1787	1204	1204	4077	1009	2552	423	1799	7239
43	19032	13530	18004	7901	1946	1239	1239	4029	1081	2732	456	1784	7013
44	18546	12777	17189	7558	1911	1184	1184	3846	1023	2717	433	1753	6823
45	17768	11806	16245	7295	1840	1139	1139	3692	1006	2667	412	1682	6747
46	16912	11071	15355	7032	1778	1087	1087	3487	942	2619	386	1571	6542
47	16509	10661	14902	6859	1734	1053	1053	3397	897	2538	370	1539	6401
48	14564	9449	13534	6522	1628	939	939	3164	838	2380	328	1447	6249
49	13188	8016	11791	5901	1288	868	868	2730	743	1885	259	1309	5968
50	12074	7146	10582	5403	1212	813	813	2438	682	1762	223	1234	5738
51	11603	6692	9859	5084	1198	787	787	2311	651	1770	201	1184	5603
52	11716	6725	9888	4943	1181	764	764	2213	630	1856	202	1218	5528
53	12911	7794	10973	4966	1268	813	813	2354	647	2149	226	1403	5564
54	15358	9628	13155	5360	1525	884	884	2825	763	2461	286	1507	5739
55	16460	10376	14438	6200	1676	1011	1011	3174	847	2878	345	1509	6159
56	17966	10544	14574	6567	1911	1045	1045	3192	853	3392	366	1506	6359
57	18106	10698	14843	6738	2044	1061	1061	3212	861	3169	387	1505	6472
58	17796	10835	15108	6799	1889	1065	1065	3299	876	2791	396	1505	6483
59	17351	10881	15255	6815	1777	1065	1065	3345	878	2580	386	1499	6494
60	16877	10702	15181	6724	1711	1052	1052	3325	865	2470	373	1473	6485
61	16577	10559	15063	6665	1678	1044	1044	3298	851	2449	362	1439	6435
62	16395	10448	14927	6612	1659	1033	1033	3250	848	2366	356	1344	6418
63	16341	10397	14786	6575	1645	1027	1027	3228	846	2272	352	1377	6396
64	16355	10425	14736	6616	1616	1027	1027	3213	844	2229	351	1481	6404
65	17035	11198	15835	7111	1661	1048	1048	3487	848	2271	358	1669	6636
66	19009	12863	18324	7984	1755	1153	1153	3982	967	2462	415	1759	7227
67	19111	12410	17593	7679	1941	1166	1166	3979	1034	2677	441	1723	7019
68	18265	11657	16649	7311	1884	1124	1124	3780	973	2692	413	1693	6838
69	17483	10926	15611	7017	1808	1092	1092	3569	993	2602	392	1610	6738
70	16546	10391	14662	6762	1691	1049	1049	3323	915	2574	365	1525	6528
71	16153	10026	14277	6555	1649	1024	1024	3192	851	2461	348	1500	6357
72	14298	8760	12892	6298	1474	955	955	2961	807	2181	305	1330	6215
73	13216	8015	11396	5633	1309	838	838	2643	735	1802	246	1224	5799
74	12192	6819	10380	5103	1166	780	780	2359	672	1676	212	1122	5491
75	11873	6908	9760	4872	1225	750	750	2231	635	1721	199	1100	5330
76	12167	6990	9803	4785	1190	761	761	2136	618	1855	201	1209	5242
77	13353	7878	10865	4864	1321	807	807	2347	654	2153	228	1394	5245
78	15686	9548	13237	5400	1569	891	891	2815	756	2478	287	1483	5431
79	16680	10254	14608	6310	1697	1033	1033	3176	845	2867	347	1491	5882
80	18233	10471	14751	6680	1899	1107	1107	3191	855	3322	376	1488	6212
81	18437	10654	15030	6839	1926	1119	1119	3207	864	3149	393	1484	6253
82	18129	10783	15330	6894	1847	1112	1112	3276	869	2778	386	1481	6262



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
83	17691	10785	15443	6894	1792	1106	1106	3299	868	2582	375	1471	6292
84	17134	10607	15388	6840	1725	1081	1081	3290	857	2487	367	1421	6335
85	16790	10445	15339	6794	1689	1060	1060	3288	848	2467	359	1306	6322
86	16593	10304	15241	6768	1680	1049	1049	3253	846	2384	352	1227	6295
87	16533	10251	15096	6770	1637	1043	1043	3216	845	2272	350	1176	6277
88	16554	10260	15024	6829	1643	1044	1044	3208	843	2201	350	1314	6297
89	17179	10854	15939	7269	1674	1066	1066	3415	846	2264	355	1583	6587
90	18776	12821	18357	7876	1710	1213	1213	3976	943	2479	395	1714	7152
91	18949	12497	17760	7555	1812	1245	1245	3985	1021	2664	421	1712	6934
92	18327	11883	16994	7276	1804	1200	1200	3748	984	2664	403	1683	6719
93	17557	11097	16013	7047	1782	1176	1176	3644	974	2607	385	1615	6590
94	16682	10320	14879	6833	1720	1100	1100	3363	912	2553	362	1518	6401
95	16321	10037	14481	6666	1675	1042	1042	3197	846	2471	348	1478	6231
96	14796	9043	13085	6428	1536	979	979	3032	787	2119	305	1333	6135
97	13592	8255	11906	5687	1324	897	897	2651	683	1873	248	1188	5853
98	12784	7689	10993	5150	1219	865	865	2367	633	1689	217	1065	5571
99	12566	7449	10504	4875	1160	842	842	2215	604	1735	207	1046	5417
100	12744	7617	10597	4808	1280	836	836	2226	608	1793	211	1123	5357
101	13822	8451	11577	4883	1400	891	891	2430	636	2091	236	1352	5364
102	15802	9899	13572	5382	1601	948	948	2916	757	2449	294	1479	5553
103	16784	10460	14720	6290	1709	1053	1053	3235	850	2727	351	1497	5985
104	18550	10741	14853	6723	1957	1146	1146	3282	867	3246	380	1483	6238
105	18851	10962	15189	6881	1982	1166	1166	3337	883	3122	409	1473	6316
106	18576	11061	15462	6983	1902	1173	1173	3476	900	2774	404	1471	6351
107	18177	11005	15579	7043	1839	1162	1162	3517	890	2590	396	1462	6398
108	17577	10748	15458	7014	1739	1125	1125	3283	872	2487	385	1414	6420
109	17197	10579	15342	6968	1707	1083	1083	3481	855	2456	371	1307	6367
110	16933	10455	15217	6894	1688	1059	1059	3442	851	2424	363	1194	6332
111	16790	10415	15054	6856	1652	1057	1057	3381	850	2363	357	1140	6304
112	16850	10399	14938	6904	1655	1056	1056	3369	850	2304	355	1317	6305
113	17860	10796	15625	7280	1685	1077	1077	3627	852	2330	359	1614	6491
114	19357	12540	17858	7814	1744	1239	1239	4180	959	2460	405	1823	6984
115	19130	12169	17202	7601	1806	1248	1248	4162	1007	2637	435	1811	6837
116	18009	11592	16343	7256	1787	1168	1168	3411	962	2580	408	1768	6637
117	17210	10953	15579	7012	1751	1119	1119	3592	958	2527	386	1698	6504
118	16647	10461	14866	6818	1725	1070	1070	3353	904	2497	365	1558	6364
119	16390	10281	14556	6720	1688	1050	1050	3273	851	2448	353	1480	6247
120	14866	9501	13353	6462	1574	966	966	2993	811	2165	326	1407	6180
121	13853	8616	12077	5919	1487	912	912	2790	732	1969	285	1418	5933
122	12916	7963	11192	5360	1346	856	856	2523	673	1799	254	1395	5694
123	12536	7611	10592	5081	1323	827	827	2399	640	1767	240	1386	5509
124	12487	7506	10402	4944	1340	810	810	2310	625	1816	238	1398	5369
125	13073	7929	10930	4988	1419	861	861	2373	636	2024	248	1433	5348
126	14115	8779	11951	5233	1500	888	888	2581	700	2286	280	1453	5437
127	15340	9412	12658	5653	1625	957	957	2906	773	2373	318	1452	5670
128	15854	9809	13318	6202	1660	1016	1016	3021	813	2683	338	1452	5949
129	17008	9987	13483	6479	1790	1034	1034	3095	827	2998	349	1452	6087
130	18759	10291	13718	6575	1919	1090	1090	3138	838	2937	370	1451	6104
131	18931	10330	13781	6701	1823	1138	1138	3186	849	2643	373	1429	6142
132	18072	10171	13684	6744	1709	1108	1108	3179	841	2426	361	1377	6172
133	16886	10003	13545	6699	1652	1067	1067	3151	831	2342	348	1279	6167
134	16217	9900	13451	6628	1638	1032	1032	3106	827	2255	340	1218	6126
135	15945	9872	13437	6575	1606	1025	1025	3096	826	2074	339	1187	6108
136	15970	9878	13436	6620	1584	1025	1025	3094	826	1922	338	1324	6112
137	16858	10430	13977	7033	1625	1063	1063	3246	830	2041	340	1585	6262
138	18882	12460	16341	7604	1704	1284	1284	4053	960	2343	386	1798	6789
139	18612	11949	16031	7375	1865	1316	1316	3987	1015	2601	425	1779	6646
140	17488	11184	15390	7019	1825	1218	1218	3701	966	2554	412	1730	6450
141	16603	10573	14533	6770	1765	1135	1135	3595	923	2475	393	1645	6358
142	15926	10040	13752	6601	1697	1072	1072	3365	870	2404	366	1534	6260
143	15726	9845	13430	6481	1649	1023	1023	3138	829	2341	341	1462	6142
144	14691	9116	12653	6340	1626	996	996	3060	795	2118	327	1445	6088
145	13314	8391	11772	5948	1512	920	920	2808	721	1969	289	1333	5906
146	12310	7730	10930	5542	1406	893	893	2597	659	1832	261	1256	5676
147	11875	7377	10367	5271	1403	852	852	2520	625	1770	246	1195	5495
148	11917	7232	10086	5213	1382	843	843	2397	615	1815	241	1192	5378
149	12489	7526	10277	5261	1439	888	888	2468	624	1958	251	1282	5342
150	13645	8207	10952	5431	1534	899	899	2555	690	2137	273	1386	5396
151	14943	8895	11583	5757	1631	957	957	2767	762	2308	302	1366	5567
152	15827	9424	12330	6136	1684	1006	1006	2850	788	2369	323	1409	5825
153	16630	9639	12881	6392	1906	1027	1027	2998	816	2510	331	1444	6037
154	17846	9765	12960	6445	2020	1057	1057	3030	820	2543	333	1446	6101
155	17704	9806	13014	6530	1891	1064	1064	3037	821	2471	331	1429	6122
156	17041	9757	13049	6580	1766	1050	1050	3046	821	2375	330	1383	6138
157	16385	9698	13024	6556	1691	1044	1044	3052	821	2332	330	1362	6153
158	16049	9639	12988	6500	1665	1026	1026	3044	820	2312	324	1292	6143
159	15864	9629	12970	6456	1644	1020	1020	3036	819	2257	324	1300	6134
160	15886	9633	12977	6491	1640	1020	1020	3038	819	2242	323	1411	6148
161	16922	10210	13766	6933	1655	1039	1039	3299	830	2300	327	1604	6356
162	20194	12582	16554	7641	1791	1305	1305	4223	987	2417	378	1725	7030
163	20519	12341	16559	7462	2004	1345	1345	4131	1068	2823	421	1708	6939
164	19653	11683	15931	7184	1932	1281	1281	3867	1023	2821	408	1656	6747

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
165	18326	10893	14886	6954	1866	1223	1223	3667	961	2681	388	1584	6630
166	16600	9995	13566	6682	1764	1094	1094	3385	883	2510	357	1489	6445
167	15824	9611	12956	6429	1669	1020	1020	3106	823	2335	325	1447	6203
168	14720	8865	12353	6274	1594	953	953	2953	788	2194	301	1419	6116
169	12239	7819	11408	5629	1432	870	870	2724	723	2045	269	1305	5910
170	11444	7360	10774	5285	1374	843	843	2500	679	1986	253	1261	5677
171	11367	7197	10517	5124	1389	825	825	2462	667	1986	252	1261	5552
172	11797	7516	10706	5103	1432	828	828	2432	672	2064	257	1305	5494
173	13535	8479	11797	5161	1466	885	885	2586	708	2235	279	1436	5524
174	16277	10070	13722	5612	1654	957	957	3054	801	2488	325	1526	5756
175	17524	10734	14880	6504	1768	1071	1071	3345	882	2677	368	1533	6195
176	20199	11030	15041	6911	2130	1181	1181	3374	893	3071	396	1534	6419
177	21804	11388	15424	7123	2190	1197	1197	3404	910	3109	430	1533	6501
178	21022	11591	15801	7224	2047	1211	1211	3511	928	2946	443	1528	6524
179	20101	11543	15941	7278	1871	1195	1195	3567	934	2777	438	1526	6569
180	18755	11181	15834	7207	1796	1149	1149	3538	924	2607	419	1522	6588
181	17919	11001	15715	7149	1734	1104	1104	3506	906	2551	396	1512	6543
182	17382	10844	15559	7085	1723	1085	1085	3477	906	2531	385	1479	6491
183	17218	10770	15380	7033	1703	1074	1074	3432	901	2523	376	1463	6474
184	17251	10761	15331	7077	1700	1074	1074	3424	899	2518	373	1512	6485
185	18591	11409	16292	7569	1722	1103	1103	3593	919	2529	379	1693	6691
186	22741	14198	18790	8405	1800	1321	1321	4381	1053	2665	434	1889	7250
187	23064	13806	18243	8075	1918	1384	1384	4257	1122	3084	478	1859	7054
188	21318	12874	17258	7704	1888	1302	1302	4101	1066	2930	451	1799	6905
189	19492	11844	16155	7353	1802	1227	1227	3861	1020	2758	423	1676	6765
190	17423	10858	15100	7064	1739	1108	1108	3482	945	2625	386	1555	6592
191	16852	10539	14760	6896	1710	1068	1068	3371	891	2523	368	1523	6423
192	14732	9664	13671	6599	1550	967	967	3139	835	2322	332	1471	6321
193	12972	8672	12210	5966	1445	888	888	2851	765	2117	281	1380	6036
194	11860	8124	11323	5512	1407	843	843	2639	722	2056	258	1339	5790
195	11609	7882	10864	5274	1426	809	809	2476	702	2041	250	1330	5661
196	11855	8151	10992	5200	1451	793	793	2404	694	2089	254	1386	5630
197	13417	9065	12041	5247	1528	851	851	2609	716	2259	275	1490	5668
198	16187	10507	14046	5726	1682	930	930	3055	807	2482	323	1551	5831
199	17956	11028	15136	6567	1765	1055	1055	3353	885	2724	367	1576	6230
200	22568	11460	15280	6898	1993	1164	1164	3385	896	3061	404	1553	6421
201	22464	11615	15616	7196	2021	1183	1183	3407	912	2936	432	1522	6600
202	20901	11642	15993	7232	1875	1176	1176	3482	928	2713	421	1516	6614
203	19124	11487	16053	7250	1802	1154	1154	3493	928	2584	410	1504	6646
204	17865	11215	15998	7124	1768	1115	1115	3496	930	2506	400	1466	6651
205	17215	11051	15956	7034	1730	1085	1085	3453	910	2491	386	1426	6570
206	16978	10934	15839	6946	1726	1067	1067	3440	900	2477	378	1370	6518
207	16950	10884	15673	6902	1708	1060	1060	3418	889	2438	371	1357	6484
208	16960	10894	15585	6932	1709	1059	1059	3394	887	2410	370	1457	6500
209	17935	11509	16597	7375	1726	1079	1079	3567	890	2437	373	1660	6691
210	22443	13669	18799	8363	1751	1257	1257	4158	985	2505	427	1919	7239
211	23257	13482	18118	8118	1866	1346	1346	4107	1066	2722	472	1903	7003
212	21982	12557	17153	7670	1856	1273	1273	3924	1007	2706	443	1848	6821
213	19788	11579	16139	7349	1813	1197	1197	3718	987	2645	417	1727	6742
214	17436	10878	15225	7038	1765	1099	1099	3465	926	2586	384	1553	6528
215	16733	10471	14794	6843	1728	1055	1055	3364	886	2491	366	1510	6408
216	14808	9310	13499	6537	1620	964	964	3143	831	2340	327	1427	6250
217	13199	7904	11707	5885	1298	855	855	2716	738	1868	257	1310	5990
218	12066	7097	10593	5392	1181	807	807	2434	678	1762	221	1235	5744
219	11603	6692	9859	5081	1188	790	790	2291	646	1773	201	1184	5595
220	11729	6747	9906	4943	1186	764	764	2213	630	1830	201	1200	5528
221	13081	7761	10935	4961	1321	832	832	2358	645	2100	224	1353	5564
222	15706	9510	13072	5388	1541	899	899	2793	758	2432	283	1468	5730
223	17137	10260	14357	6231	1686	1023	1023	3150	839	2819	344	1473	6166
224	21656	10492	14494	6604	1983	1092	1092	3165	845	3392	369	1469	6359
225	22107	10707	14848	6832	2060	1135	1135	3204	853	3178	398	1469	6483
226	21023	10908	15228	6909	1876	1151	1151	3285	871	2797	412	1469	6497
227	19656	10993	15399	6932	1769	1148	1148	3333	876	2592	401	1467	6514
228	18191	10796	15312	6814	1705	1103	1103	3314	859	2459	385	1459	6506
229	17244	10585	15132	6741	1672	1074	1074	3282	843	2438	369	1445	6448
230	16759	10406	14964	6685	1658	1051	1051	3232	840	2384	360	1385	6424
231	16637	10336	14790	6633	1643	1036	1036	3201	838	2313	354	1408	6405
232	16642	10396	14766	6699	1640	1035	1035	3192	838	2291	352	1458	6410
233	17985	11318	15843	7289	1665	1071	1071	3454	840	2317	364	1707	6604
234	23047	13332	18798	8403	1762	1281	1281	4002	955	2440	429	1946	7227
235	23446	12675	17947	8007	1949	1323	1323	3983	1052	2686	463	1841	7049
236	21399	11686	16851	7522	1889	1245	1245	3841	974	2707	427	1768	6840
237	19260	10829	15603	7126	1805	1174	1174	3553	983	2588	400	1619	6718
238	16978	10257	14533	6796	1705	1078	1078	3273	903	2547	365	1491	6503
239	16328	9854	14132	6582	1659	1031	1031	3163	840	2436	346	1457	6354
240	14384	8645	12767	6288	1497	957	957	2911	794	2159	303	1325	6212
241	13196	7861	11431	5739	1306	836	836	2563	725	1780	245	1199	5812
242	12190	7189	10430	5255	1166	780	780	2341	667	1676	212	1125	5512
243	11873	6819	9760	5040	1208	750	750	2225	633	1711	199	1100	5331
244	12212	6909	9864	4981	1219	760	760	2136	618	1806	202	1218	5253
245	13470	7751	10929	5034	1355	817	817	2424	648	2095	228	1354	5242
246	15937	9400	13124	5546	1594	896	896	2892	753	2438	288	1430	5448

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
247	17157	10104	14441	6375	1721	1037	1037	3176	838	2821	346	1442	5919
248	20803	10376	14568	6716	2037	1153	1153	3199	854	3322	392	1436	6208
249	21304	10597	14930	7033	2083	1164	1164	3203	863	3150	422	1432	6266
250	20644	10772	15341	7118	1958	1158	1158	3297	875	2793	410	1429	6280
251	19637	10788	15460	7135	1811	1141	1141	3335	879	2582	392	1404	6322
252	18321	10583	15350	7046	1718	1093	1093	3314	861	2462	381	1399	6371
253	17491	10369	15259	6958	1692	1064	1064	3293	847	2439	365	1333	6353
254	16968	10184	15092	6887	1684	1049	1049	3268	843	2385	353	1288	6305
255	16794	10113	14898	6860	1638	1044	1044	3222	840	2290	348	1261	6278
256	16816	10124	14799	6930	1622	1045	1045	3217	840	2232	348	1337	6287
257	17912	10704	15633	7582	1664	1063	1063	3430	841	2267	353	1545	6535
258	21607	13054	18357	8691	1692	1246	1246	4145	942	2441	404	1784	7152
259	22293	12685	17743	8168	1819	1315	1315	4154	1044	2633	453	1776	6919
260	20840	11891	16861	7700	1828	1257	1257	3842	994	2626	428	1720	6688
261	18982	10980	15777	7286	1802	1217	1217	3721	983	2563	400	1621	6547
262	17029	10135	14616	6927	1716	1112	1112	3353	903	2509	363	1484	6351
263	16511	9830	14201	6681	1681	1043	1043	3180	839	2426	344	1428	6213
264	14879	8808	12831	6459	1527	977	977	2967	774	2072	300	1302	6097
265	13506	8184	11821	5960	1375	897	897	2620	676	1838	245	1166	5833
266	12690	7666	10956	5545	1268	868	868	2348	630	1689	216	1062	5580
267	12566	7449	10504	5363	1160	854	854	2232	604	1748	207	1046	5422
268	12757	7599	10612	5337	1290	836	836	2215	609	1792	211	1113	5357
269	13947	8355	11554	5392	1410	900	900	2436	636	2112	235	1321	5385
270	16048	9717	13415	5791	1599	953	953	2887	757	2411	293	1439	5568
271	17129	10279	14537	6483	1709	1059	1059	3216	842	2708	349	1461	5985
272	19710	10557	14683	6774	1968	1141	1141	3254	861	3246	389	1448	6191
273	20185	10797	15075	7017	2019	1181	1181	3311	878	3104	433	1438	6295
274	19692	10954	15467	7140	1945	1181	1181	3458	896	2734	431	1435	6333
275	18954	10900	15600	7179	1848	1170	1170	3503	887	2544	420	1432	6386
276	18027	10667	15482	7103	1725	1139	1139	3245	868	2443	404	1406	6408
277	17476	10475	15322	7023	1698	1099	1099	3460	850	2414	381	1323	6341
278	17133	10333	15177	6925	1686	1073	1073	3416	844	2385	367	1223	6296
279	16989	10278	14975	6868	1648	1067	1067	3354	843	2321	358	1191	6262
280	17040	10274	14812	6909	1651	1065	1065	3322	843	2256	354	1284	6269
281	17924	10688	15442	7306	1677	1084	1084	3513	844	2259	358	1508	6452
282	20296	12487	17858	8094	1727	1226	1226	4180	933	2413	408	1708	6984
283	20326	12076	17184	7868	1808	1248	1248	4169	1005	2539	451	1693	6826
284	18909	11443	16212	7452	1778	1178	1178	3381	955	2501	414	1654	6584
285	17734	10720	15376	7135	1742	1124	1124	3574	948	2462	385	1597	6447
286	16909	10269	14641	6879	1708	1078	1078	3311	891	2442	360	1491	6289
287	16650	10074	14338	6754	1683	1059	1059	3234	842	2403	350	1437	6191
288	15148	9287	13222	6573	1576	980	980	2927	800	2131	315	1381	6103
289	13895	8517	11991	6058	1486	915	915	2724	726	1904	282	1364	5889
290	12873	7932	11157	5590	1388	854	854	2496	669	1779	253	1328	5721
291	12559	7613	10596	5398	1345	828	828	2381	646	1767	240	1311	5584
292	12551	7506	10402	5320	1323	810	810	2310	625	1831	238	1318	5488
293	13274	7848	10861	5373	1373	872	872	2358	639	2037	247	1373	5478
294	14473	8644	11794	5606	1463	903	903	2571	703	2281	276	1414	5541
295	15846	9225	12553	5968	1591	970	970	2888	769	2355	312	1413	5709
296	16382	9587	13192	6427	1641	1037	1037	2986	799	2618	334	1413	5920
297	17115	9757	13377	6627	1739	1052	1052	3069	809	2845	343	1414	6005
298	18767	10101	13671	6757	1919	1106	1106	3102	823	2780	364	1415	6023
299	18931	10171	13793	6901	1851	1143	1143	3156	832	2544	373	1408	6087
300	18180	10017	13702	6919	1720	1129	1129	3163	822	2379	364	1366	6129
301	17219	9819	13533	6862	1652	1094	1094	3148	810	2316	351	1274	6125
302	16683	9699	13394	6780	1633	1058	1058	3083	807	2238	339	1222	6062
303	16463	9662	13348	6723	1622	1048	1048	3078	803	2082	336	1187	6031
304	16478	9671	13346	6755	1612	1049	1049	3077	802	1938	336	1296	6035
305	17109	10113	13953	7107	1627	1080	1080	3218	808	2048	339	1481	6181
306	18883	12070	16252	7744	1685	1260	1260	4053	918	2316	377	1617	6789
307	18794	11594	15952	7564	1884	1316	1316	4002	978	2494	411	1602	6665
308	17847	10817	15216	7182	1841	1220	1220	3728	935	2455	397	1560	6409
309	17040	10191	14324	6919	1757	1144	1144	3573	896	2393	378	1505	6274
310	16438	9749	13581	6744	1673	1089	1089	3348	846	2344	353	1444	6162
311	16247	9596	13304	6628	1634	1045	1045	3102	808	2309	336	1415	6045
312	15166	8914	12526	6519	1602	1018	1018	3022	772	1999	319	1393	6000
313	13741	8176	11650	6084	1480	910	910	2793	707	1946	285	1298	5855
314	12773	7554	10919	5644	1409	862	862	2610	658	1812	260	1236	5677
315	12452	7195	10346	5372	1381	808	808	2490	624	1770	247	1195	5558
316	12599	7044	10086	5320	1361	793	793	2393	615	1812	241	1192	5470
317	13243	7329	10242	5379	1407	862	862	2439	624	1946	249	1254	5450
318	14421	7878	10844	5585	1484	870	870	2516	681	2100	269	1337	5493
319	15664	8521	11465	5938	1594	951	951	2723	746	2260	295	1311	5626
320	16384	9073	12160	6319	1642	1023	1023	2835	773	2323	314	1346	5808
321	17430	9333	12656	6578	1835	1048	1048	2973	800	2464	324	1381	5958
322	18705	9534	12735	6637	2020	1089	1089	3006	806	2514	328	1387	6008
323	18529	9604	12826	6733	1931	1102	1102	3018	809	2454	326	1385	6022
324	17773	9588	12883	6787	1783	1086	1086	3030	810	2374	325	1371	6047
325	17029	9503	12843	6755	1687	1075	1075	3037	811	2314	325	1353	6068
326	16610	9391	12782	6693	1640	1048	1048	3027	808	2284	316	1296	6055
327	16402	9358	12754	6639	1626	1038	1038	3011	806	2260	315	1297	6040
328	16400	9350	12762	6664	1620	1037	1037	3018	806	2229	315	1351	6054

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
329	17046	9927	13523	7007	1625	1046	1046	3253	820	2248	319	1522	6269
330	19996	12582	16516	7641	1741	1269	1269	4223	971	2319	369	1711	7030
331	20519	12349	16559	7492	1965	1345	1345	4132	1068	2702	421	1693	6963
332	19904	11634	15838	7268	1897	1277	1277	3807	1015	2692	407	1642	6715
333	18594	10665	14689	7044	1844	1237	1237	3675	953	2597	388	1548	6555
334	16944	9637	13287	6792	1744	1116	1116	3346	873	2440	352	1437	6362
335	16322	9293	12719	6594	1642	1038	1038	3062	807	2286	317	1388	6097
336	15037	8529	12079	6385	1564	946	946	2898	773	2136	295	1355	6009
337	13140	7684	11202	5832	1408	840	840	2536	709	1959	267	1268	5802
338	12549	7303	10533	5537	1356	812	812	2308	668	1910	254	1238	5586
339	12569	7100	10259	5391	1367	795	795	2294	660	1923	253	1241	5461
340	12992	7413	10425	5388	1406	809	809	2289	658	2002	260	1281	5417
341	14608	8323	11521	5451	1452	889	889	2467	695	2168	280	1396	5428
342	17022	9836	13513	5918	1645	971	971	3007	784	2421	323	1481	5651
343	18282	10493	14693	6755	1760	1089	1089	3357	865	2639	361	1492	6113
344	21141	10844	14845	7085	2172	1275	1275	3381	876	3028	403	1488	6339
345	22187	11152	15216	7333	2190	1273	1273	3427	894	2958	442	1484	6434
346	21113	11420	15668	7380	2034	1281	1281	3544	911	2785	452	1482	6452
347	20287	11408	15893	7413	1852	1234	1234	3606	924	2633	440	1481	6505
348	19118	11045	15802	7318	1785	1169	1169	3594	913	2503	420	1479	6528
349	18386	10848	15705	7252	1728	1122	1122	3549	893	2463	396	1473	6481
350	17908	10659	15569	7193	1714	1099	1099	3513	885	2451	382	1451	6438
351	17750	10570	15365	7157	1703	1089	1089	3447	878	2435	370	1440	6421
352	17781	10557	15283	7195	1703	1089	1089	3439	875	2429	366	1470	6435
353	18918	11200	16109	7613	1714	1109	1109	3535	888	2443	371	1622	6627
354	22744	14198	18790	8405	1795	1294	1294	4381	1019	2511	423	1889	7250
355	23064	13771	18214	8084	1917	1384	1384	4288	1122	2819	478	1856	7025
356	21443	12729	17123	7704	1880	1307	1307	4099	1060	2734	448	1790	6851
357	19607	11518	15941	7380	1788	1220	1220	3838	1013	2610	417	1648	6684
358	17782	10548	14860	7139	1721	1105	1105	3484	925	2503	376	1511	6489
359	17213	10234	14503	7014	1684	1066	1066	3365	869	2434	359	1476	6338
360	14978	9368	13378	6634	1519	909	909	3118	814	2194	324	1427	6216
361	14132	8171	12036	6060	1417	890	890	2748	720	1902	266	1296	5935
362	13335	7564	11200	5653	1376	840	840	2581	667	1828	246	1249	5711
363	13180	7299	10772	5454	1387	811	811	2395	651	1817	238	1244	5609
364	13410	7566	10869	5407	1401	797	797	2363	647	1879	243	1300	5574
365	14594	8563	11894	5463	1478	859	859	2560	670	2105	265	1434	5603
366	16690	10208	13895	5933	1641	932	932	3040	776	2408	314	1509	5766
367	18522	10840	15020	6709	1740	1051	1051	3360	868	2685	361	1548	6165
368	23257	11228	15158	7032	1993	1209	1209	3383	886	3061	408	1518	6352
369	22340	11339	15501	7346	2021	1206	1206	3403	900	2895	435	1482	6543
370	20471	11407	15940	7344	1873	1178	1178	3460	914	2640	426	1474	6543
371	18887	11326	16055	7318	1796	1143	1143	3481	914	2519	415	1462	6576
372	17804	11088	16063	7169	1740	1105	1105	3484	916	2446	401	1436	6591
373	17340	10934	16064	7094	1707	1075	1075	3448	892	2423	385	1404	6510
374	17185	10799	15971	7009	1703	1056	1056	3439	882	2413	376	1356	6470
375	17157	10726	15791	6960	1691	1051	1051	3414	872	2374	368	1342	6436
376	17170	10750	15667	6991	1691	1050	1050	3402	869	2350	365	1424	6457
377	17706	11297	16449	7383	1703	1059	1059	3554	871	2364	370	1597	6661
378	21504	13669	18799	8363	1733	1221	1221	4158	961	2433	423	1919	7239
379	22577	13351	18109	8100	1880	1346	1346	4110	1066	2665	472	1895	6997
380	21479	12366	16989	7661	1858	1270	1270	3930	1004	2654	439	1810	6789
381	19526	11306	15921	7347	1807	1189	1189	3659	989	2588	409	1660	6633
382	17496	10655	15064	7063	1748	1081	1081	3453	908	2506	374	1490	6417
383	16931	10100	14569	6905	1700	1042	1042	3345	867	2421	357	1451	6322
384	15316	8832	13281	6567	1560	935	935	3038	793	2214	310	1330	6139
385	13962	8210	12276	6075	1448	894	894	2748	744	1973	276	1272	5867
386	13144	7658	11506	5706	1419	871	871	2564	703	1930	255	1210	5634
387	12824	7345	10989	5494	1424	858	858	2488	682	1937	243	1173	5516
388	13009	7419	11054	5428	1416	845	845	2429	666	1987	243	1186	5464
389	14153	8197	11825	5449	1481	897	897	2547	683	2155	259	1306	5503
390	16302	9604	13461	5820	1580	941	941	2889	770	2379	300	1420	5675
391	17766	10223	14465	6530	1670	1026	1026	3164	834	2816	340	1426	6098
392	22147	10425	14561	6815	2028	1107	1107	3174	844	3392	373	1422	6284
393	21617	10557	14862	7024	2023	1118	1118	3208	847	3042	394	1421	6416
394	20057	10674	15250	7033	1805	1110	1110	3254	859	2678	396	1422	6426
395	18937	10834	15535	7048	1733	1102	1102	3289	868	2498	388	1421	6436
396	17899	10736	15587	6958	1676	1065	1065	3273	855	2397	377	1419	6428
397	17255	10598	15536	6934	1661	1053	1053	3282	842	2381	363	1415	6379
398	16978	10437	15450	6906	1648	1043	1043	3252	836	2361	356	1390	6355
399	16919	10377	15280	6858	1645	1032	1032	3225	834	2324	349	1402	6345
400	16922	10434	15207	6926	1645	1032	1032	3217	834	2301	348	1418	6360
401	17853	11171	15985	7409	1652	1067	1067	3423	835	2315	357	1603	6557
402	22334	13332	18798	8403	1776	1232	1232	4000	929	2381	411	1946	7227
403	23446	12880	18190	8151	2060	1323	1323	4002	1052	2626	463	1854	7062
404	21740	11912	17047	7772	2009	1250	1250	3931	981	2674	435	1766	6805
405	19587	10864	15684	7376	1869	1178	1178	3615	981	2537	404	1598	6659
406	17221	10202	14578	7014	1698	1070	1070	3343	890	2471	360	1447	6415
407	16591	9820	14186	6771	1646	1025	1025	3169	833	2367	340	1408	6270
408	14703	8825	13082	6513	1572	962	962	2973	781	2082	305	1299	6119
409	13717	8144	12012	5956	1488	897	897	2704	717	1996	273	1199	5811
410	12948	7643	11291	5522	1432	867	867	2549	675	1953	256	1148	5609

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
411	12706	7409	10869	5335	1432	851	851	2503	660	1972	250	1132	5482
412	12968	7524	11000	5278	1469	851	851	2458	657	2008	253	1216	5432
413	14135	8307	11933	5327	1526	900	900	2677	684	2160	270	1328	5432
414	16376	9775	13845	5821	1633	946	946	3058	777	2373	310	1394	5592
415	17790	10384	14889	6652	1728	1040	1040	3283	846	2801	347	1415	5971
416	21580	10663	15013	6978	2089	1170	1170	3320	872	3322	405	1402	6172
417	20936	10852	15448	7324	2078	1154	1154	3323	883	3034	429	1394	6246
418	19777	10986	15912	7357	1945	1136	1136	3416	896	2698	410	1392	6247
419	18899	11020	16090	7322	1826	1117	1117	3451	900	2534	395	1379	6276
420	17989	10809	16076	7198	1728	1074	1074	3436	878	2417	389	1381	6326
421	17471	10668	16075	7118	1698	1054	1054	3443	862	2382	374	1355	6318
422	17133	10485	15963	7054	1684	1046	1046	3432	856	2377	361	1344	6282
423	17016	10401	15732	7027	1677	1042	1042	3384	850	2361	354	1337	6267
424	17050	10417	15512	7069	1674	1044	1044	3384	848	2349	354	1357	6276
425	18026	10917	16072	7564	1682	1068	1068	3587	850	2354	361	1477	6497
426	21526	13054	18357	8691	1708	1222	1222	4154	930	2387	405	1784	7152
427	22293	12717	17731	8382	1856	1315	1315	4135	1044	2642	453	1767	7026
428	20742	11846	16764	7934	1864	1236	1236	3878	990	2611	424	1689	6793
429	18813	10928	15742	7481	1811	1187	1187	3723	978	2513	395	1572	6622
430	17118	10295	14928	7098	1713	1096	1096	3422	889	2434	358	1426	6339
431	16645	9981	14489	6882	1680	1040	1040	3284	843	2361	344	1384	6172
432	15003	9063	13334	6605	1594	991	991	3079	779	2166	314	1281	6049
433	13485	8162	11949	6028	1485	946	946	2679	709	2004	272	1236	5806
434	12693	7628	11132	5595	1428	927	927	2450	674	1919	253	1191	5623
435	12566	7393	10674	5442	1390	917	917	2375	654	1954	246	1179	5506
436	12745	7522	10741	5421	1440	903	903	2364	656	1965	247	1213	5468
437	13966	8273	11691	5484	1491	947	947	2558	676	2149	264	1324	5491
438	16163	9713	13616	5944	1602	982	982	2979	774	2336	306	1395	5662
439	17404	10325	14675	6716	1701	1049	1049	3236	837	2695	344	1434	6043
440	20684	10743	14860	7051	2111	1192	1192	3295	883	3246	408	1412	6218
441	20525	10959	15380	7482	2106	1208	1208	3378	904	3007	451	1396	6384
442	19407	11145	15889	7489	1960	1190	1190	3583	924	2637	436	1389	6412
443	18465	11104	16148	7436	1864	1174	1174	3672	917	2469	419	1385	6485
444	17630	10818	16057	7250	1749	1138	1138	3274	884	2372	401	1381	6511
445	17180	10622	15899	7143	1697	1097	1097	3588	858	2340	378	1363	6424
446	16940	10433	15767	7035	1674	1067	1067	3533	847	2335	365	1336	6373
447	16850	10335	15452	6981	1665	1058	1058	3453	843	2322	354	1323	6328
448	16866	10310	15151	7001	1664	1054	1054	3402	840	2308	350	1338	6327
449	17507	10734	15567	7349	1668	1078	1078	3521	840	2302	355	1444	6471
450	19689	12618	17858	8259	1746	1203	1203	4180	911	2337	394	1708	6984
451	19866	12099	17116	8119	1844	1248	1248	4097	1005	2444	431	1674	6921
452	18565	11303	16084	7667	1775	1163	1163	3331	944	2406	393	1610	6657
453	17530	10559	15270	7303	1726	1100	1100	3508	932	2364	366	1538	6484
454	16822	10201	14699	7023	1682	1058	1058	3295	871	2348	347	1425	6286
455	16575	9923	14306	6898	1662	1045	1045	3227	835	2319	341	1385	6203
456	15157	9040	13154	6678	1592	994	994	2922	790	2149	315	1352	6097
457	13848	8268	11984	6119	1463	914	914	2825	731	1986	279	1263	5812
458	12840	7667	11269	5617	1362	867	867	2624	692	1920	254	1205	5590
459	12551	7305	10793	5410	1323	849	849	2549	678	1915	242	1170	5446
460	12583	7148	10560	5320	1323	833	833	2505	658	1946	239	1175	5333
461	13326	7489	10979	5378	1359	887	887	2549	668	2053	247	1256	5314
462	14579	8299	11790	5641	1453	909	909	2739	714	2211	272	1347	5399
463	15932	8966	12488	6043	1567	967	967	2954	765	2305	303	1345	5618
464	16477	9367	13065	6529	1618	1021	1021	3021	786	2662	323	1348	5883
465	17818	9553	13252	6688	1751	1039	1039	3065	794	2845	334	1352	5977
466	20579	9968	13616	6974	1919	1112	1112	3129	814	2772	361	1353	6019
467	20826	10097	13791	7199	1829	1142	1142	3199	824	2522	373	1350	6130
468	19518	9952	13710	7230	1711	1120	1120	3200	812	2330	363	1323	6183
469	17913	9708	13508	7104	1629	1080	1080	3160	797	2255	346	1259	6158
470	16987	9544	13319	6947	1603	1037	1037	3074	791	2238	329	1222	6059
471	16607	9479	13242	6810	1599	1026	1026	3062	790	2208	326	1195	6012
472	16631	9488	13235	6821	1596	1026	1026	3059	790	2182	325	1266	6016
473	17512	9961	13813	7240	1603	1057	1057	3130	792	2209	327	1413	6150
474	20440	12070	16335	8305	1669	1234	1234	4053	897	2255	364	1617	6789
475	20615	11616	16032	8129	1906	1316	1316	4004	978	2526	411	1581	6736
476	19001	10644	15120	7495	1818	1219	1219	3737	931	2450	396	1525	6412
477	17609	9933	14142	7071	1725	1128	1128	3542	889	2346	371	1459	6248
478	16576	9502	13398	6794	1651	1069	1069	3340	830	2275	343	1385	6119
479	16341	9338	13143	6668	1607	1024	1024	3081	792	2236	324	1352	5998
480	15414	8630	12460	6511	1585	1001	1001	3024	767	2061	310	1293	5952
481	13680	7980	11575	6099	1458	898	898	2772	695	1918	270	1223	5751
482	12714	7382	10919	5705	1400	857	857	2625	650	1813	242	1160	5538
483	12452	7019	10403	5470	1376	800	800	2478	618	1783	225	1128	5385
484	12637	6858	10181	5422	1361	793	793	2393	605	1803	221	1126	5278
485	13412	7116	10321	5448	1388	864	864	2450	614	1912	229	1194	5255
486	14700	7645	10825	5635	1466	867	867	2543	668	2070	248	1278	5324
487	16016	8292	11407	5980	1563	945	945	2732	736	2205	283	1259	5500
488	16683	8839	12072	6377	1628	1010	1010	2835	761	2323	305	1303	5726
489	17923	9108	12510	6614	1864	1034	1034	2969	788	2494	317	1338	5899
490	19086	9327	12583	6696	2020	1077	1077	2992	793	2528	322	1341	5967
491	18705	9415	12697	6841	1890	1088	1088	3007	797	2459	322	1341	5982
492	17851	9421	12752	6905	1724	1062	1062	3021	798	2376	320	1337	6012

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
493	17154	9317	12714	6858	1641	1049	1049	3025	800	2291	321	1332	6038
494	16809	9198	12642	6759	1621	1024	1024	3007	796	2226	310	1302	6021
495	16675	9156	12614	6683	1604	1018	1018	2996	793	2208	308	1300	6008
496	16674	9136	12600	6724	1594	1017	1017	2998	794	2202	308	1323	6026
497	17105	9704	13209	7212	1607	1021	1021	3167	810	2204	314	1440	6223
498	19929	12582	16282	8328	1705	1188	1188	4217	957	2247	360	1711	7016
499	20818	12485	16559	8167	1988	1345	1345	4223	1068	2702	421	1684	7021
500	20298	11698	15853	7774	2001	1291	1291	3838	1011	2663	410	1616	6742
501	19019	10569	14606	7425	1987	1257	1257	3764	940	2529	390	1514	6555
502	17317	9427	13127	6981	1839	1115	1115	3390	857	2359	350	1392	6331
503	16631	9057	12555	6627	1646	1021	1021	3041	791	2208	310	1341	6046
504	15385	8367	12034	6440	1584	954	954	2861	755	2087	289	1290	5954
505	13057	7414	11061	5814	1393	831	831	2530	675	1882	237	1172	5636
506	12549	7050	10432	5530	1356	802	802	2317	632	1823	223	1145	5407
507	12657	6845	10189	5388	1385	795	795	2289	623	1831	222	1146	5275
508	13240	7154	10353	5395	1405	812	812	2340	622	1888	233	1199	5231
509	15071	8091	11490	5499	1484	901	901	2492	663	2038	258	1337	5262
510	17597	9706	13562	6017	1673	975	975	3070	768	2288	312	1446	5527
511	19241	10399	14710	6922	1782	1090	1090	3374	857	2475	358	1464	6105
512	22559	10833	14884	7313	2155	1329	1329	3400	873	2873	422	1455	6340
513	23064	11112	15302	7700	2190	1296	1296	3465	891	2842	457	1449	6493
514	21335	11362	15789	7673	2023	1272	1272	3559	907	2722	456	1447	6503
515	20233	11334	16011	7633	1842	1224	1224	3610	920	2579	437	1446	6543
516	19083	10997	15911	7453	1785	1160	1160	3593	910	2429	412	1445	6548
517	18469	10788	15831	7352	1747	1117	1117	3542	891	2374	388	1440	6493
518	18160	10582	15675	7278	1734	1096	1096	3493	883	2345	377	1422	6444
519	18095	10481	15460	7233	1719	1089	1089	3456	877	2338	364	1412	6414
520	18100	10464	15322	7262	1719	1089	1089	3445	871	2336	362	1435	6431
521	18701	11054	15904	7678	1734	1101	1101	3559	882	2342	366	1543	6588
522	21921	14198	18790	8741	1805	1250	1250	4381	989	2420	413	1889	7115
523	22764	13850	18381	8453	1912	1384	1384	4322	1122	2784	478	1869	6948
524	21492	12713	17237	8023	1881	1321	1321	4117	1066	2690	447	1798	6777
525	19856	11376	15930	7597	1803	1235	1235	3829	1008	2535	416	1645	6631
526	18193	10386	14817	7280	1744	1113	1113	3476	912	2403	373	1487	6446
527	17603	10036	14450	7107	1712	1073	1073	3366	860	2332	355	1444	6320
528	15067	9128	13342	6685	1553	930	930	3070	801	2134	313	1383	6125
529	14114	8130	11826	6046	1429	878	878	2698	714	1879	262	1222	5723
530	13271	7548	10972	5615	1376	829	829	2496	666	1825	244	1169	5436
531	13180	7299	10552	5418	1388	813	813	2395	651	1817	238	1171	5295
532	13524	7539	10642	5407	1394	797	797	2363	647	1872	246	1232	5217
533	14940	8501	11752	5495	1480	877	877	2567	669	2049	259	1407	5216
534	17211	10115	13945	6034	1648	947	947	3068	781	2305	317	1504	5437
535	19213	10809	15051	6880	1759	1062	1062	3366	864	2550	362	1558	6048
536	23257	11260	15264	7300	2021	1312	1312	3411	893	2946	434	1518	6308
537	21786	11311	15654	7665	1990	1274	1274	3449	906	2788	442	1470	6472
538	19790	11377	16069	7564	1857	1214	1214	3513	918	2544	436	1456	6458
539	18520	11297	16146	7462	1789	1159	1159	3529	917	2422	420	1443	6485
540	17822	11035	16112	7263	1742	1113	1113	3505	908	2350	403	1411	6492
541	17589	10877	16123	7202	1715	1081	1081	3459	884	2326	386	1374	6421
542	17538	10729	16007	7109	1712	1062	1062	3437	873	2318	378	1325	6383
543	17472	10642	15836	7062	1705	1059	1059	3415	867	2288	370	1301	6359
544	17498	10662	15698	7090	1708	1057	1057	3411	864	2268	367	1380	6372
545	17685	11087	16281	7395	1713	1062	1062	3540	866	2283	372	1523	6505
546	19796	13669	18799	8363	1732	1187	1187	4158	943	2332	419	1919	6919
547	20876	13522	18281	8167	1855	1346	1346	4146	1066	2601	472	1917	6801
548	20241	12405	17137	7753	1847	1284	1284	3953	1010	2634	441	1830	6631
549	19060	11219	15966	7449	1791	1201	1201	3706	992	2539	410	1667	6513
550	17716	10532	15066	7162	1748	1088	1088	3459	901	2426	373	1475	6338
551	17206	9969	14529	7008	1709	1047	1047	3348	860	2325	356	1430	6256
552	15087	8769	13181	6601	1567	923	923	3010	785	2147	306	1260	5993
553	14282	7979	11734	6058	1451	885	885	2683	717	1881	264	1231	5692
554	13640	7460	10907	5648	1402	859	859	2518	676	1852	242	1170	5435
555	13607	7215	10394	5494	1430	847	847	2433	660	1877	234	1131	5301
556	14009	7396	10545	5495	1454	841	841	2381	643	1955	235	1156	5227
557	15361	8367	11673	5578	1536	906	906	2540	671	2151	258	1319	5300
558	17353	10031	13939	6051	1667	967	967	2982	786	2410	313	1438	5524
559	19364	10717	15086	6867	1772	1056	1056	3282	860	2787	358	1464	6064
560	23446	11134	15275	7271	2060	1233	1233	3315	885	3223	419	1451	6282
561	22012	11204	15743	7621	2006	1215	1215	3350	889	2934	440	1441	6429
562	19904	11186	16151	7481	1827	1164	1164	3385	901	2626	427	1437	6420
563	18643	11187	16416	7409	1761	1134	1134	3400	906	2502	411	1435	6413
564	17881	11007	16401	7217	1726	1086	1086	3374	889	2424	390	1432	6403
565	17616	10846	16331	7154	1718	1067	1067	3371	873	2412	376	1422	6353
566	17582	10677	16234	7126	1710	1061	1061	3345	866	2402	369	1388	6332
567	17519	10623	16022	7071	1698	1057	1057	3319	862	2377	364	1409	6325
568	17527	10635	15857	7109	1684	1056	1056	3323	860	2358	363	1429	6341
569	17685	11116	16267	7457	1714	1073	1073	3434	862	2370	371	1543	6491
570	19611	13332	18798	8403	1736	1200	1200	3985	930	2412	410	1946	7010
571	20596	13160	18399	8298	1850	1323	1323	4002	1052	2563	463	1868	6929
572	19877	12201	17317	7987	1847	1268	1268	3878	990	2580	440	1785	6699
573	18883	11142	16042	7585	1809	1202	1202	3651	978	2494	412	1624	6573
574	17719	10472	15108	7239	1741	1101	1101	3401	900	2454	372	1465	6354

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
575	17240	9973	14536	7013	1716	1052	1052	3274	857	2386	355	1423	6239
576	15385	8832	13132	6697	1611	980	980	3022	790	2084	313	1318	6012
577	13747	8126	11834	6195	1487	869	869	2637	719	1844	268	1185	5673
578	13042	7568	11000	5770	1409	822	822	2462	678	1776	248	1132	5429
579	12882	7350	10492	5591	1417	807	807	2390	664	1796	241	1135	5304
580	13301	7491	10633	5560	1500	810	810	2381	657	1831	245	1236	5264
581	14753	8366	11754	5618	1582	877	877	2619	686	2060	268	1370	5284
582	17092	9925	13969	6086	1700	944	944	3094	788	2362	318	1438	5525
583	18875	10636	15005	6874	1802	1057	1057	3358	861	2761	357	1469	6041
584	22293	11056	15212	7276	2089	1254	1254	3406	888	3180	434	1444	6252
585	21170	11153	15668	7655	2032	1210	1210	3406	895	2886	453	1432	6396
586	19595	11194	16050	7582	1890	1180	1180	3489	902	2600	421	1423	6404
587	18615	11096	16186	7460	1790	1142	1142	3519	904	2470	401	1403	6425
588	17929	10813	16119	7283	1735	1090	1090	3500	885	2393	392	1401	6433
589	17605	10667	16114	7191	1724	1066	1066	3499	873	2371	377	1357	6390
590	17487	10475	15988	7125	1718	1058	1058	3488	869	2366	365	1332	6350
591	17474	10397	15746	7105	1690	1057	1057	3446	865	2347	359	1315	6327
592	17482	10396	15516	7150	1688	1057	1057	3438	864	2338	358	1341	6320
593	17881	10755	15824	7583	1699	1065	1065	3611	867	2342	360	1447	6466
594	19998	13054	18339	8691	1724	1176	1176	4151	933	2372	388	1782	6928
595	20787	13009	17958	8502	1800	1315	1315	4154	1044	2548	444	1784	6884
596	19805	12082	16911	8012	1803	1251	1251	3969	1001	2548	425	1725	6714
597	18545	11059	15817	7552	1780	1198	1198	3794	982	2466	404	1607	6560
598	17521	10337	15012	7189	1731	1105	1105	3504	897	2410	367	1460	6323
599	16940	9920	14440	7002	1712	1053	1053	3356	857	2341	352	1416	6225
600	14741	8854	13070	6664	1588	972	972	3108	786	2040	312	1326	6003
601	13491	7919	11719	6048	1495	873	873	2697	709	1882	264	1237	5651
602	12626	7357	10859	5612	1461	827	827	2465	669	1779	243	1179	5402
603	12532	7106	10417	5475	1396	805	805	2374	649	1837	237	1194	5244
604	12807	7260	10496	5455	1477	783	783	2364	653	1869	241	1248	5208
605	14164	8127	11642	5512	1544	873	873	2583	674	2092	263	1382	5243
606	16528	9714	13766	5989	1671	936	936	3070	788	2323	314	1470	5480
607	17866	10436	14750	6817	1774	1055	1055	3304	855	2683	351	1529	6008
608	20684	11007	15035	7271	2111	1238	1238	3369	919	3188	423	1491	6229
609	20152	11188	15579	7783	2021	1231	1231	3445	938	2893	451	1444	6425
610	19131	11292	16088	7748	1870	1202	1202	3563	953	2564	435	1424	6452
611	18348	11201	16304	7645	1789	1180	1180	3616	940	2418	413	1418	6504
612	17704	10845	16203	7379	1737	1130	1130	3317	900	2343	388	1398	6501
613	17346	10640	16007	7256	1716	1096	1096	3510	869	2324	372	1348	6399
614	17175	10428	15854	7129	1710	1069	1069	3472	857	2320	363	1310	6358
615	17103	10327	15519	7054	1700	1059	1059	3418	851	2304	355	1280	6314
616	17116	10308	15201	7056	1698	1056	1056	3384	847	2289	352	1305	6306
617	17479	10699	15413	7337	1709	1066	1066	3453	847	2279	353	1433	6405
618	18881	12618	17819	8259	1726	1152	1152	3925	885	2321	369	1708	6851
619	19085	12141	17213	8219	1777	1236	1236	3867	1005	2402	402	1679	6822
620	18183	11270	16215	7734	1743	1157	1157	3690	953	2389	380	1620	6562
621	17472	10498	15332	7330	1724	1106	1106	3483	944	2353	363	1551	6402
622	17081	10177	14751	7049	1711	1062	1062	3331	881	2334	351	1453	6228
623	16711	9770	14304	6944	1685	1045	1045	3280	845	2295	344	1418	6169
624	15033	8732	13020	6669	1562	951	951	3045	794	2050	303	1364	5990
625	13774	8072	11816	6133	1451	882	882	2848	730	1815	269	1320	5716
626	12810	7432	10944	5656	1365	821	821	2616	673	1721	238	1273	5458
627	12501	7050	10425	5457	1313	800	800	2532	655	1725	225	1250	5278
628	12583	6893	10200	5392	1324	785	785	2505	638	1759	221	1257	5161
629	13367	7242	10690	5462	1347	855	855	2564	646	1930	233	1309	5110
630	14767	8150	11705	5715	1451	892	892	2767	705	2196	265	1364	5225
631	16143	8882	12560	6128	1586	963	963	2993	769	2334	303	1363	5477
632	16687	9285	13156	6577	1636	1025	1025	3049	795	2680	323	1365	5803
633	18360	9506	13352	6725	1749	1062	1062	3088	806	2753	339	1369	5906
634	20826	9936	13740	7102	1904	1160	1160	3139	827	2621	367	1367	5947
635	20677	10055	13924	7346	1831	1183	1183	3175	833	2444	374	1362	6055
636	19236	9860	13790	7354	1714	1145	1145	3158	817	2308	363	1329	6089
637	17660	9578	13559	7195	1636	1087	1087	3135	804	2251	345	1255	6051
638	16843	9403	13358	6987	1616	1036	1036	3084	799	2239	328	1207	5968
639	16578	9336	13280	6829	1607	1025	1025	3077	798	2217	324	1169	5941
640	16580	9333	13270	6827	1609	1025	1025	3077	797	2198	323	1246	5944
641	17054	9629	13701	7180	1616	1036	1036	3098	799	2213	325	1387	6035
642	19591	11828	16335	8305	1642	1173	1173	3669	868	2246	349	1617	6505
643	20344	11583	16257	8205	1804	1281	1281	3639	965	2450	399	1595	6527
644	19019	10635	15263	7517	1756	1210	1210	3504	925	2415	388	1543	6243
645	17624	9842	14223	7073	1687	1125	1125	3358	889	2326	366	1479	6108
646	16670	9379	13429	6799	1640	1064	1064	3246	836	2264	340	1399	5999
647	16431	9200	13157	6680	1616	1025	1025	3085	800	2219	323	1365	5913
648	15482	8458	12292	6507	1581	986	986	3041	765	1944	304	1313	5855
649	13595	7805	11426	6045	1466	892	892	2754	699	1872	267	1232	5624
650	12674	7157	10699	5682	1409	843	843	2623	651	1776	238	1159	5392
651	12452	6789	10091	5474	1361	790	790	2445	623	1755	222	1126	5228
652	12720	6625	9863	5422	1399	780	780	2393	605	1765	219	1139	5112
653	13596	6935	10054	5441	1425	847	847	2437	609	1890	229	1215	5108
654	14979	7494	10628	5647	1502	854	854	2549	653	2092	249	1312	5181
655	16305	8187	11259	6019	1586	947	947	2739	723	2201	285	1275	5380
656	16861	8841	12032	6434	1627	1012	1012	2819	749	2482	303	1311	5646

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
657	18603	9095	12471	6638	1698	1032	1032	2962	779	2595	314	1331	5825
658	19807	9266	12531	6766	1744	1060	1060	2977	783	2546	315	1333	5893
659	19173	9330	12606	6914	1713	1058	1058	2985	785	2445	313	1329	5906
660	18071	9323	12635	6930	1661	1042	1042	2990	785	2336	310	1313	5934
661	17245	9242	12602	6852	1627	1034	1034	2988	786	2249	310	1292	5956
662	16863	9160	12563	6740	1621	1020	1020	2981	784	2199	304	1234	5939
663	16779	9135	12542	6672	1605	1015	1015	2977	782	2181	303	1220	5925
664	16773	9134	12536	6709	1590	1010	1010	2977	782	2177	303	1240	5937
665	17011	9552	12860	7107	1600	1017	1017	3020	787	2177	305	1359	6059
666	19605	11564	15113	8328	1629	1085	1085	3442	847	2197	322	1578	6583
667	20818	11559	15458	8295	1689	1198	1198	3493	938	2511	361	1558	6634
668	20248	10995	14955	7889	1705	1171	1171	3323	913	2490	359	1519	6437
669	18932	10118	14001	7504	1692	1155	1155	3315	873	2364	348	1453	6307
670	17270	9281	12919	6991	1657	1074	1074	3152	823	2253	326	1366	6153
671	16689	9021	12506	6639	1623	1019	1019	3000	782	2171	304	1333	5946
672	15156	8270	11902	6410	1561	941	941	2802	742	2004	279	1237	5872
673	13070	7400	10994	5803	1389	842	842	2499	669	1833	237	1192	5610
674	12549	7058	10408	5527	1354	809	809	2323	630	1756	223	1151	5406
675	12704	6837	10121	5388	1369	795	795	2289	622	1773	222	1145	5281
676	13282	7147	10343	5412	1415	810	810	2369	622	1793	233	1193	5231
677	15122	8107	11462	5517	1495	896	896	2479	655	1921	258	1318	5277
678	17549	9688	13519	6064	1658	963	963	3087	764	2143	309	1412	5534
679	19220	10337	14676	6943	1769	1079	1079	3354	845	2293	351	1423	6050
680	22849	10650	14829	7383	2079	1237	1237	3376	859	2701	391	1417	6267
681	22444	10885	15182	7801	2085	1242	1242	3430	869	2758	413	1413	6453
682	20278	11098	15600	7760	1974	1215	1215	3508	876	2667	412	1412	6483
683	19599	11085	15802	7698	1821	1184	1184	3525	881	2512	401	1411	6531
684	18606	10834	15767	7447	1779	1138	1138	3501	873	2329	386	1410	6535
685	18134	10688	15708	7300	1735	1105	1105	3473	861	2254	369	1406	6447
686	17963	10535	15588	7192	1722	1084	1084	3431	856	2215	362	1392	6386
687	17936	10450	15424	7166	1714	1079	1079	3410	852	2207	354	1385	6347
688	17943	10435	15315	7184	1710	1079	1079	3405	849	2206	353	1406	6362
689	18146	10783	15731	7529	1721	1085	1085	3470	851	2209	356	1458	6519
690	20479	12893	17940	8741	1756	1173	1173	4017	892	2258	378	1681	7050
691	21632	12852	17637	8609	1859	1322	1322	3995	986	2669	418	1665	6964
692	20836	12020	16676	8141	1844	1251	1251	3842	960	2596	401	1620	6759
693	19609	11015	15623	7692	1801	1199	1199	3665	933	2422	383	1526	6605
694	18099	10328	14771	7325	1735	1104	1104	3415	876	2268	358	1433	6383
695	17555	9961	14402	7091	1695	1068	1068	3343	845	2200	346	1409	6234
696	15135	9008	13256	6706	1532	940	940	3009	781	2002	304	1344	6047
697	13979	8040	11763	6048	1429	872	872	2670	708	1807	263	1225	5678
698	13239	7467	10927	5613	1378	823	823	2479	664	1747	245	1176	5433
699	13180	7222	10552	5419	1376	811	811	2408	648	1728	238	1169	5301
700	13698	7473	10668	5407	1413	797	797	2363	647	1781	245	1203	5224
701	15155	8424	11739	5507	1472	870	870	2556	671	1917	256	1344	5216
702	17485	10060	13928	6056	1637	942	942	3048	780	2145	311	1425	5448
703	18685	10710	14999	6939	1744	1055	1055	3340	850	2350	352	1444	5998
704	20704	11088	15243	7358	2016	1194	1194	3376	872	2814	399	1437	6243
705	19926	11148	15646	7693	1985	1175	1175	3405	880	2738	401	1417	6438
706	18863	11199	16131	7631	1846	1143	1143	3446	891	2516	399	1411	6426
707	18231	11148	16272	7513	1770	1109	1109	3465	893	2370	391	1404	6455
708	17908	10942	16241	7325	1709	1082	1082	3452	885	2254	379	1388	6450
709	17807	10813	16230	7252	1689	1062	1062	3412	865	2202	366	1367	6362
710	17785	10685	16124	7167	1680	1054	1054	3396	859	2186	361	1341	6321
711	17734	10605	15922	7126	1673	1052	1052	3384	853	2176	356	1325	6287
712	17768	10615	15695	7150	1678	1050	1050	3386	851	2164	354	1367	6297
713	17877	10903	16100	7400	1688	1053	1053	3447	852	2174	355	1435	6420
714	18918	12946	18762	8287	1707	1104	1104	3944	900	2213	378	1674	6838
715	19541	13005	18434	8139	1826	1203	1203	3934	993	2691	416	1672	6802
716	19134	12080	17216	7763	1821	1178	1178	3779	951	2774	402	1615	6627
717	18547	11062	15940	7455	1766	1134	1134	3610	938	2579	384	1526	6494
718	17866	10475	15009	7200	1718	1074	1074	3406	875	2352	360	1428	6272
719	17416	9956	14461	7066	1684	1045	1045	3322	845	2186	348	1399	6168
720	15283	8825	13087	6650	1553	934	934	3000	775	2013	305	1271	5943
721	14230	8007	11720	6105	1420	883	883	2659	708	1676	262	1209	5661
722	13624	7465	10890	5653	1402	858	858	2509	667	1622	241	1151	5431
723	13607	7215	10394	5494	1432	848	848	2406	653	1625	234	1131	5294
724	14060	7374	10499	5499	1450	841	841	2381	643	1704	235	1159	5227
725	15528	8312	11610	5611	1526	907	907	2542	672	1908	257	1309	5275
726	17496	9964	13838	6128	1654	968	968	3009	777	2260	309	1422	5485
727	18980	10629	15008	6924	1768	1051	1051	3282	846	2546	353	1432	5979
728	21756	11084	15198	7326	2096	1153	1153	3317	870	2942	395	1430	6180
729	20938	11171	15633	7595	2031	1140	1140	3356	873	2722	410	1425	6306
730	19483	11216	16116	7481	1821	1114	1114	3392	882	2485	404	1422	6296
731	18535	11203	16415	7373	1754	1095	1095	3407	886	2390	394	1421	6290
732	17930	11040	16410	7183	1720	1068	1068	3377	872	2320	378	1420	6281
733	17722	10871	16364	7115	1703	1055	1055	3372	858	2297	367	1412	6231
734	17682	10685	16295	7091	1700	1052	1052	3351	854	2287	361	1387	6213
735	17592	10605	16073	7060	1693	1050	1050	3318	850	2284	359	1407	6208
736	17592	10600	15876	7067	1683	1050	1050	3332	848	2277	357	1419	6216
737	17724	10954	16145	7272	1701	1055	1055	3434	849	2282	361	1456	6339
738	18908	13194	18600	8037	1723	1110	1110	3960	896	2298	385	1686	6789



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
739	19791	13329	18336	8081	1862	1190	1190	3969	1010	2499	427	1648	6833
740	19368	12308	17217	7835	1886	1166	1166	3854	959	2505	414	1594	6608
741	18679	11158	15992	7501	1831	1129	1129	3633	948	2397	395	1517	6471
742	17817	10409	15040	7207	1754	1073	1073	3392	885	2335	366	1438	6254
743	17343	9944	14491	7025	1704	1045	1045	3273	844	2263	351	1412	6126
744	15357	8802	13143	6681	1642	966	966	2991	787	1950	317	1325	5897
745	13747	8107	11804	6172	1496	867	867	2587	722	1707	268	1192	5641
746	13060	7572	10981	5749	1416	825	825	2446	684	1607	248	1132	5426
747	12882	7341	10492	5572	1409	808	808	2381	667	1603	241	1135	5300
748	13345	7476	10627	5560	1499	807	807	2382	657	1616	245	1224	5264
749	14874	8403	11753	5627	1592	872	872	2631	681	1836	267	1357	5267
750	17225	9923	13966	6093	1701	937	937	3096	783	2212	316	1421	5506
751	18920	10555	14956	6901	1829	1039	1039	3343	855	2496	353	1438	5964
752	21919	10905	15150	7233	2165	1181	1181	3402	879	2842	414	1423	6152
753	20786	11017	15639	7486	2081	1147	1147	3404	889	2619	426	1419	6282
754	19422	11070	16054	7431	1909	1123	1123	3489	904	2448	404	1413	6315
755	18563	11009	16241	7349	1791	1097	1097	3511	907	2360	387	1402	6335
756	17938	10749	16221	7218	1731	1061	1061	3500	889	2298	378	1400	6343
757	17676	10624	16161	7153	1720	1044	1044	3478	873	2273	366	1370	6291
758	17579	10463	16078	7112	1710	1039	1039	3468	867	2260	358	1352	6255
759	17568	10393	15815	7098	1677	1038	1038	3429	861	2256	354	1331	6234
760	17573	10377	15556	7128	1671	1037	1037	3425	860	2256	353	1350	6232
761	17825	10615	15688	7398	1687	1040	1040	3528	861	2256	354	1420	6391
762	19394	12498	18191	8143	1719	1089	1089	4066	909	2273	368	1680	6815
763	20211	12687	17967	8088	1784	1190	1190	4095	1031	2467	415	1686	6865
764	19419	11843	16950	7764	1801	1157	1157	3943	991	2472	406	1639	6691
765	18396	10918	15800	7429	1779	1129	1129	3776	971	2369	392	1558	6512
766	17595	10299	14965	7158	1726	1066	1066	3498	890	2300	363	1441	6237
767	16950	9827	14413	7027	1710	1033	1033	3340	852	2230	350	1408	6123
768	14557	8749	13035	6659	1582	944	944	3096	791	1935	311	1337	5949
769	13496	7907	11715	6053	1494	862	862	2667	710	1713	265	1238	5618
770	12662	7346	10873	5616	1451	811	811	2459	664	1603	242	1179	5392
771	12532	7106	10417	5478	1396	805	805	2382	649	1626	237	1195	5252
772	12806	7265	10492	5455	1450	783	783	2376	654	1658	241	1250	5208
773	14177	8187	11668	5521	1518	866	866	2562	675	1888	264	1378	5229
774	16518	9700	13762	6018	1659	922	922	3059	788	2208	315	1458	5449
775	17980	10381	14699	6843	1771	1026	1026	3260	848	2482	349	1495	5914
776	21116	10968	14967	7328	2155	1238	1238	3344	900	2880	409	1461	6123
777	20513	11145	15483	7845	2068	1232	1232	3402	918	2646	429	1426	6343
778	19384	11283	16034	7837	1896	1199	1199	3553	930	2409	415	1412	6394
779	18550	11238	16296	7738	1796	1166	1166	3594	919	2312	396	1407	6454
780	17774	10885	16241	7451	1735	1104	1104	3261	884	2254	376	1387	6469
781	17375	10670	16137	7318	1707	1068	1068	3474	858	2236	364	1341	6360
782	17173	10478	15977	7172	1702	1043	1043	3418	849	2228	356	1305	6305
783	17079	10323	15618	7078	1694	1028	1028	3361	843	2226	350	1282	6259
784	17090	10291	15244	7064	1678	1027	1027	3312	840	2224	348	1294	6232
785	17401	10633	15266	7290	1699	1037	1037	3355	839	2219	349	1412	6293
786	18777	12618	17476	8202	1711	1097	1097	3793	854	2226	356	1640	6649
787	19162	12217	17014	8259	1762	1193	1193	3759	961	2327	380	1632	6732
788	18178	11231	16045	7762	1734	1119	1119	3626	927	2322	367	1575	6469
789	17402	10373	15184	7338	1713	1070	1070	3426	922	2274	355	1516	6293
790	17047	10074	14701	7056	1702	1027	1027	3267	869	2243	348	1437	6127
791	16599	9634	14238	6958	1673	1013	1013	3218	838	2197	340	1408	6067
792	14855	8628	12949	6677	1554	915	915	2970	791	1947	298	1351	5880
793	13816	8030	11778	6137	1436	879	879	2811	733	1714	268	1304	5615
794	12843	7379	10938	5664	1314	817	817	2617	677	1603	239	1243	5404
795	12501	7030	10437	5465	1313	800	800	2516	654	1609	225	1215	5255
796	12524	6893	10200	5392	1327	785	785	2511	638	1633	221	1222	5147
797	13266	7240	10697	5422	1357	837	837	2558	645	1793	235	1284	5110
798	14655	8118	11678	5673	1461	871	871	2748	698	2108	267	1351	5202
799	15934	8785	12458	6084	1576	930	930	2910	762	2273	301	1348	5433
800	16510	9152	13054	6536	1640	975	975	2949	785	2576	314	1351	5677
801	18426	9379	13247	6680	1780	1043	1043	2976	795	2547	343	1355	5771
802	20826	9773	13631	7114	1907	1201	1201	3056	822	2432	381	1353	5817
803	20418	9876	13849	7340	1823	1228	1228	3090	825	2336	387	1351	5924
804	18763	9662	13787	7323	1685	1163	1163	3077	809	2253	367	1325	5970
805	17188	9406	13569	7168	1600	1088	1088	3029	793	2204	338	1255	5909
806	16413	9247	13359	6944	1581	1001	1001	2972	788	2187	317	1198	5824
807	16213	9184	13225	6775	1550	977	977	2965	786	2180	313	1169	5797
808	16207	9182	13201	6758	1544	976	976	2962	784	2179	313	1229	5793
809	16441	9409	13527	7052	1566	983	983	2966	787	2180	313	1360	5857
810	18349	11491	16241	8221	1584	1112	1112	3592	828	2204	328	1611	6233
811	19564	11479	16335	8305	1662	1281	1281	3669	955	2401	399	1588	6391
812	18385	10523	15269	7552	1652	1193	1193	3526	921	2393	386	1526	6150
813	17118	9688	14158	7066	1608	1093	1093	3307	877	2291	359	1456	5987
814	16293	9235	13347	6756	1590	1008	1008	3183	822	2209	329	1379	5869
815	16081	9063	13060	6623	1579	973	973	2977	788	2161	313	1351	5778
816	14968	8336	12172	6439	1477	922	922	2925	747	1898	288	1267	5726
817	13970	7681	11335	6045	1447	869	869	2719	691	1745	260	1232	5544
818	13244	7159	10690	5725	1397	813	813	2620	649	1629	236	1166	5346
819	13005	6761	10076	5533	1372	786	786	2491	623	1605	223	1135	5204
820	13138	6625	9863	5460	1399	780	780	2460	606	1617	219	1141	5127

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
821	13735	6912	10052	5459	1410	816	816	2477	605	1764	227	1201	5108
822	14752	7423	10591	5650	1468	822	822	2564	642	2038	244	1282	5185
823	15803	8008	11089	5994	1524	902	902	2693	706	2195	274	1227	5351
824	16310	8622	11837	6359	1562	951	951	2748	726	2556	286	1265	5553
825	18827	8819	12244	6556	1752	977	977	2825	753	2595	303	1286	5684
826	20624	8996	12301	6687	1837	1012	1012	2837	757	2464	305	1289	5743
827	19872	9042	12365	6864	1786	1009	1009	2846	758	2354	303	1281	5758
828	18080	9021	12376	6892	1639	991	991	2849	757	2261	293	1261	5785
829	16896	8926	12345	6812	1561	980	980	2851	757	2189	292	1233	5804
830	16299	8855	12310	6690	1541	962	962	2839	755	2159	286	1170	5782
831	16143	8831	12297	6608	1531	956	956	2837	754	2131	286	1126	5768
832	16140	8831	12292	6649	1521	954	954	2835	754	2125	285	1141	5777
833	16349	9151	12523	7040	1531	956	956	2866	756	2124	286	1297	5869
834	19039	11500	14878	8248	1552	1030	1030	3386	809	2131	298	1532	6272
835	20818	11706	15464	8328	1720	1198	1198	3493	942	2366	346	1515	6432
836	19908	10991	14880	7896	1785	1165	1165	3314	919	2386	348	1477	6265
837	18305	9935	13845	7468	1719	1133	1133	3297	871	2262	336	1412	6129
838	16478	9039	12735	6934	1615	1032	1032	3105	807	2175	310	1328	5992
839	15976	8771	12282	6557	1542	957	957	2876	757	2111	287	1290	5796
840	14656	8116	11729	6356	1487	901	901	2704	714	1927	264	1213	5733
841	13682	7419	10971	5939	1374	840	840	2587	665	1689	237	1191	5572
842	13252	7123	10373	5691	1354	812	812	2473	631	1581	224	1155	5388
843	13285	6837	10121	5564	1357	796	796	2450	622	1579	222	1145	5275
844	13652	7079	10315	5581	1382	805	805	2507	622	1594	231	1185	5231
845	14850	7892	11359	5665	1446	868	868	2614	651	1721	252	1291	5272
846	16652	9217	13239	6129	1575	916	916	3018	744	1978	293	1359	5487
847	17941	9890	14318	6842	1657	1017	1017	3223	815	2136	330	1366	5885
848	21757	10066	14501	7319	1986	1137	1137	3233	828	2551	365	1363	6076
849	22023	10365	14934	7799	2085	1162	1162	3267	840	2758	395	1359	6169
850	20850	10685	15468	7806	2005	1161	1161	3400	852	2736	403	1358	6220
851	19790	10748	15759	7772	1844	1138	1138	3446	858	2562	396	1357	6289
852	18456	10534	15779	7403	1782	1095	1095	3439	850	2308	375	1355	6313
853	17669	10321	15729	7203	1700	1057	1057	3402	833	2167	353	1347	6261
854	17253	10138	15610	7072	1652	1032	1032	3347	827	2107	343	1342	6210
855	17151	10039	15366	7055	1645	1020	1020	3314	822	2097	334	1338	6180
856	17152	10021	15166	7071	1644	1019	1019	3300	819	2096	334	1352	6192
857	17517	10301	15420	7409	1650	1034	1034	3353	819	2098	336	1388	6317
858	20562	12335	18195	8741	1722	1131	1131	3973	857	2149	360	1639	6743
859	22849	12681	18180	8727	1938	1322	1322	4017	984	2725	409	1621	6789
860	21573	11771	16994	8177	1959	1242	1242	3802	959	2660	397	1567	6610
861	19627	10614	15612	7704	1853	1173	1173	3596	932	2425	375	1474	6445
862	17388	9909	14512	7239	1696	1053	1053	3295	855	2202	342	1374	6219
863	16902	9581	14174	6961	1641	1011	1011	3219	815	2089	328	1351	6073
864	15237	8721	13072	6625	1563	931	931	2965	764	1870	297	1275	5931
865	14509	8002	11678	6205	1428	877	877	2685	709	1678	253	1180	5600
866	13923	7434	10851	5876	1385	850	850	2509	672	1574	235	1132	5374
867	13810	7222	10552	5730	1407	837	837	2480	657	1540	228	1122	5270
868	14136	7361	10694	5724	1431	835	835	2431	656	1574	234	1142	5216
869	15090	8296	11727	5786	1481	879	879	2611	674	1709	245	1254	5220
870	16835	9792	13880	6181	1614	926	926	3031	771	1967	297	1351	5438
871	18078	10354	14871	6868	1713	1008	1008	3264	827	2103	335	1359	5926
872	20704	10727	15084	7220	2016	1158	1158	3289	850	2440	404	1358	6132
873	19740	10775	15437	7551	1955	1157	1157	3309	855	2478	403	1347	6253
874	18615	10895	15872	7498	1819	1121	1121	3370	865	2339	402	1344	6265
875	17915	10893	16131	7424	1740	1082	1082	3404	866	2207	391	1339	6302
876	17475	10732	16117	7247	1681	1050	1050	3399	855	2114	372	1331	6316
877	17294	10625	16123	7219	1661	1024	1024	3363	840	2065	356	1324	6252
878	17209	10466	16079	7147	1655	1011	1011	3343	837	2049	349	1314	6223
879	17192	10369	15845	7103	1651	1008	1008	3333	831	2043	342	1309	6189
880	17205	10339	15562	7137	1649	1008	1008	3332	828	2035	338	1319	6202
881	17518	10518	15707	7412	1656	1009	1009	3394	831	2042	340	1353	6302
882	19133	12384	18088	8303	1673	1061	1061	3935	876	2075	361	1587	6585
883	20206	12740	18074	8141	1777	1203	1203	3936	983	2583	416	1593	6640
884	19421	11831	16954	7699	1791	1178	1178	3783	943	2741	406	1540	6504
885	18398	10817	15734	7365	1745	1123	1123	3582	930	2507	381	1447	6381
886	17311	10187	14884	7093	1690	1041	1041	3340	861	2230	348	1360	6195
887	16953	9769	14351	6974	1651	1004	1004	3249	823	2048	332	1336	6084
888	15568	8833	13003	6663	1556	939	939	2996	771	1856	294	1231	5889
889	14316	7966	11664	6169	1355	873	873	2634	702	1605	252	1188	5619
890	13702	7459	10853	5799	1321	853	853	2476	665	1536	232	1142	5419
891	13607	7215	10394	5652	1349	842	842	2398	653	1531	225	1131	5291
892	13894	7362	10472	5646	1365	840	840	2381	643	1583	225	1155	5227
893	15030	8259	11565	5701	1430	894	894	2533	672	1757	247	1269	5278
894	16793	9839	13774	6122	1596	943	943	2997	769	2110	297	1357	5477
895	18329	10398	14863	6782	1724	1012	1012	3236	834	2348	339	1364	5911
896	21756	10736	15010	7180	2096	1116	1116	3269	865	2788	390	1364	6091
897	21022	10833	15351	7403	2004	1105	1105	3315	866	2631	407	1361	6195
898	19450	10865	15774	7417	1790	1083	1083	3379	880	2416	400	1357	6200
899	18343	10859	16068	7279	1739	1062	1062	3396	884	2329	392	1356	6199
900	17538	10728	16073	7055	1705	1037	1037	3371	867	2252	373	1354	6203
901	17199	10616	16052	6981	1672	1019	1019	3366	851	2215	360	1348	6157
902	17117	10466	16020	6947	1672	1014	1014	3332	849	2190	351	1347	6135

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
903	17095	10404	15874	6911	1671	1012	1012	3292	844	2176	346	1347	6131
904	17095	10372	15644	6919	1668	1012	1012	3296	840	2174	342	1351	6142
905	17198	10558	15766	7124	1674	1019	1019	3385	841	2176	347	1369	6224
906	18934	12161	17817	7915	1704	1066	1066	3895	880	2213	368	1617	6532
907	20471	12514	17753	8081	1851	1163	1163	3969	1010	2529	420	1592	6685
908	19815	11718	16761	7771	1884	1142	1142	3844	968	2543	411	1538	6520
909	18698	10815	15690	7376	1813	1104	1104	3629	951	2375	389	1460	6380
910	17344	10232	14897	7047	1727	1039	1039	3338	878	2251	354	1377	6172
911	16896	9734	14338	6865	1672	1008	1008	3225	832	2156	337	1352	6053
912	15478	8782	12991	6580	1604	944	944	2945	782	1895	305	1293	5860
913	13734	8122	11745	6102	1493	863	863	2597	710	1718	265	1215	5622
914	13049	7580	10964	5716	1422	829	829	2468	671	1620	247	1177	5418
915	12882	7341	10492	5558	1402	804	804	2409	654	1597	241	1169	5290
916	13256	7495	10617	5533	1492	805	805	2381	642	1595	244	1224	5264
917	14584	8383	11709	5610	1564	857	857	2618	665	1757	264	1321	5273
918	16658	9870	13824	6022	1658	912	912	3051	770	2080	307	1383	5500
919	18514	10468	14830	6724	1826	1005	1005	3293	841	2321	341	1392	5928
920	21919	10838	14979	7080	2165	1152	1152	3335	869	2633	414	1381	6087
921	20608	10953	15421	7380	2056	1120	1120	3336	879	2457	426	1374	6190
922	19057	10967	15849	7291	1871	1103	1103	3442	898	2333	396	1372	6226
923	18042	10908	16089	7164	1764	1075	1075	3462	901	2270	378	1367	6252
924	17344	10624	16174	7013	1708	1040	1040	3458	883	2221	370	1368	6253
925	17055	10531	16164	6953	1698	1015	1015	3434	865	2194	357	1362	6206
926	16970	10357	16148	6902	1692	1008	1008	3448	858	2178	349	1350	6178
927	16942	10296	15883	6879	1677	1005	1005	3404	850	2165	343	1341	6162
928	16958	10261	15581	6889	1671	1005	1005	3395	849	2163	341	1346	6159
929	17077	10417	15549	7105	1678	1011	1011	3490	850	2163	342	1376	6264
930	18574	12068	17792	7947	1697	1061	1061	3988	888	2194	355	1671	6519
931	19969	12520	17722	8132	1762	1190	1190	4095	1031	2438	415	1686	6630
932	19321	11747	16748	7764	1791	1164	1164	3924	991	2458	411	1629	6520
933	18176	10835	15603	7350	1775	1116	1116	3752	971	2325	394	1533	6368
934	17078	10204	14846	7020	1707	1042	1042	3432	882	2222	355	1408	6143
935	16630	9783	14299	6843	1691	1002	1002	3289	838	2140	338	1370	6060
936	14699	8782	12952	6576	1592	936	936	3080	779	1925	306	1324	5903
937	13429	7934	11669	5993	1470	846	846	2641	710	1697	262	1239	5637
938	12678	7335	10856	5599	1433	809	809	2449	664	1596	242	1186	5420
939	12532	7106	10417	5468	1381	795	795	2379	649	1592	237	1199	5252
940	12848	7285	10420	5455	1437	783	783	2376	650	1611	241	1239	5208
941	14193	8240	11572	5537	1519	850	850	2568	670	1785	261	1343	5224
942	16320	9712	13641	6001	1649	910	910	3038	774	2099	307	1421	5423
943	17873	10322	14615	6749	1768	1002	1002	3222	830	2345	338	1438	5853
944	21116	10862	14825	7147	2155	1176	1176	3291	876	2712	412	1417	6029
945	20463	11058	15342	7535	2011	1178	1178	3362	897	2514	429	1394	6187
946	19122	11157	15998	7518	1831	1142	1142	3562	915	2333	411	1382	6244
947	18089	11027	16332	7376	1741	1115	1115	3627	913	2279	390	1378	6298
948	17250	10727	16286	7164	1698	1064	1064	3519	879	2220	368	1370	6303
949	16891	10531	16242	7065	1679	1036	1036	3471	852	2199	353	1347	6234
950	16750	10375	16123	6970	1677	1018	1018	3412	843	2185	345	1329	6195
951	16722	10250	15726	6907	1652	1004	1004	3351	833	2172	339	1319	6165
952	16725	10169	15305	6893	1635	1003	1003	3284	827	2167	336	1316	6139
953	16819	10371	15192	7010	1670	1008	1008	3295	826	2161	336	1378	6169
954	17894	12073	17192	7648	1680	1048	1048	3686	837	2176	341	1640	6385
955	18706	12016	16979	7856	1724	1144	1144	3788	961	2359	371	1639	6549
956	17928	11062	16019	7523	1713	1099	1099	3685	933	2353	362	1576	6366
957	17178	10245	15109	7207	1696	1053	1053	3440	924	2253	348	1501	6212
958	16735	9989	14628	6968	1681	1009	1009	3247	861	2190	337	1414	6051
959	16451	9499	14183	6859	1661	997	997	3196	825	2135	331	1378	5995
960	15125	8524	12980	6657	1547	935	935	2979	787	1930	297	1337	5852
961	13445	7949	11789	6060	1408	860	860	2743	729	1724	264	1278	5575
962	12389	7303	10916	5566	1295	799	799	2486	678	1628	236	1217	5390
963	12061	6969	10415	5365	1318	783	783	2380	652	1603	224	1176	5234
964	12179	6893	10200	5311	1305	769	769	2374	638	1618	221	1188	5147
965	13178	7248	10657	5338	1348	825	825	2431	647	1753	234	1254	5110
966	14743	8111	11612	5609	1469	859	859	2696	696	2046	263	1318	5181
967	16011	8724	12390	6051	1585	929	929	2888	750	2239	295	1304	5392
968	16663	9070	13006	6488	1660	975	975	2933	770	2276	307	1317	5613
969	18324	9309	13177	6611	1806	999	999	2965	781	2493	327	1321	5704
970	19840	9650	13525	6899	1907	1063	1063	3022	806	2379	353	1320	5752
971	19017	9731	13727	6979	1832	1065	1065	3048	812	2318	358	1318	5863
972	17605	9518	13684	6914	1696	1044	1044	3032	797	2250	345	1297	5916
973	16522	9294	13498	6772	1609	1014	1014	2999	782	2202	326	1242	5855
974	16136	9153	13321	6637	1590	986	986	2958	776	2180	311	1183	5773
975	16080	9091	13182	6560	1559	976	976	2954	775	2160	308	1169	5736
976	16059	9085	13158	6551	1554	975	975	2948	774	2149	307	1220	5730
977	16121	9227	13371	6648	1580	980	980	2956	776	2154	307	1323	5775
978	17048	10877	15482	7265	1593	1018	1018	3281	810	2208	317	1611	6063
979	18506	11180	15840	7521	1656	1092	1092	3424	955	2476	366	1586	6277
980	17825	10331	14941	7127	1659	1063	1063	3343	931	2501	362	1506	6082
981	16921	9586	14021	6837	1617	1027	1027	3213	878	2351	342	1431	5925
982	16239	9135	13272	6631	1602	991	991	3116	818	2203	319	1347	5799
983	16035	8972	13008	6535	1589	974	974	2970	776	2129	307	1317	5710
984	14807	8276	12127	6353	1492	927	927	2901	743	1939	285	1211	5655

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
985	13246	7634	11287	5830	1422	869	869	2664	700	1734	255	1205	5483
986	12337	7116	10652	5431	1322	811	811	2521	667	1625	230	1142	5297
987	12102	6761	10066	5196	1289	790	790	2336	648	1605	217	1115	5153
988	12444	6625	9863	5110	1333	780	780	2320	635	1609	213	1133	5085
989	13336	6938	10048	5094	1365	827	827	2336	631	1755	221	1175	5067
990	14757	7463	10575	5345	1461	839	839	2490	660	2031	239	1250	5138
991	15985	8004	11039	5811	1535	913	913	2626	706	2219	270	1195	5298
992	16591	8600	11812	6305	1597	959	959	2738	724	2595	283	1239	5470
993	18633	8769	12228	6505	1813	974	974	2858	751	2543	295	1265	5591
994	19415	8922	12281	6601	1837	1001	1001	2873	755	2406	298	1270	5660
995	18421	8957	12352	6681	1735	1000	1000	2883	758	2330	298	1268	5678
996	17062	8941	12365	6672	1605	985	985	2884	757	2256	290	1260	5712
997	16361	8860	12337	6617	1551	976	976	2889	756	2196	289	1252	5738
998	16142	8797	12300	6544	1544	965	965	2877	754	2176	284	1224	5715
999	16012	8773	12283	6510	1516	960	960	2874	753	2141	283	1206	5695
1000	15941	8781	12277	6518	1496	958	958	2873	753	2124	283	1212	5702
1001	16140	8994	12468	6665	1512	961	961	2908	756	2115	284	1274	5790
1002	17140	11116	14672	7287	1545	999	999	3319	811	2122	292	1532	6153
1003	18834	11706	15464	7537	1687	1123	1123	3493	942	2298	337	1525	6432
1004	18606	10993	14923	7319	1823	1109	1109	3339	922	2320	348	1487	6295
1005	17678	9931	13854	7092	1764	1091	1091	3329	871	2225	336	1416	6139
1006	16432	8991	12722	6771	1627	1014	1014	3126	806	2154	308	1319	5965
1007	15911	8711	12262	6509	1546	961	961	2924	755	2098	284	1272	5729
1008	14096	8059	11717	6302	1441	897	897	2712	722	1938	265	1243	5653
1009	12326	7393	10903	5752	1194	801	801	2381	655	1716	225	1131	5497
1010	11830	7121	10281	5453	1193	771	771	2246	621	1608	207	1093	5329
1011	12006	6835	10020	5323	1224	753	753	2240	612	1579	203	1080	5225
1012	12666	7111	10254	5345	1257	762	762	2280	611	1590	215	1129	5177
1013	14401	8013	11345	5451	1371	843	843	2422	643	1687	240	1272	5216
1014	16742	9378	13331	6034	1569	904	904	3022	749	1911	288	1362	5419
1015	18097	9889	14393	6839	1681	1016	1016	3260	822	2045	329	1369	5828
1016	20590	10169	14560	7233	1973	1116	1116	3278	835	2232	375	1367	6011
1017	20089	10382	14998	7526	1941	1136	1136	3311	841	2350	402	1362	6104
1018	18986	10606	15496	7491	1855	1130	1130	3424	852	2361	400	1360	6181
1019	18162	10639	15740	7427	1733	1101	1101	3459	860	2270	391	1359	6261
1020	17466	10438	15781	7192	1695	1067	1067	3430	854	2154	374	1357	6280
1021	17161	10283	15751	7078	1654	1040	1040	3403	839	2081	354	1349	6213
1022	17081	10110	15651	6990	1638	1025	1025	3349	834	2043	343	1339	6160
1023	17035	10024	15419	6977	1625	1016	1016	3324	830	2037	334	1334	6126
1024	17020	9978	15171	6975	1623	1016	1016	3308	827	2037	333	1347	6137
1025	17094	10138	15332	7108	1635	1020	1020	3325	827	2038	335	1377	6239
1026	18006	11981	17880	7778	1645	1061	1061	3814	862	2061	354	1639	6577
1027	19336	12681	18195	7967	1736	1194	1194	3934	984	2326	409	1627	6752
1028	19008	11776	17096	7647	1778	1164	1164	3765	966	2349	406	1573	6603
1029	18143	10602	15633	7365	1748	1119	1119	3598	944	2225	382	1476	6419
1030	17180	9885	14555	7094	1671	1042	1042	3325	865	2100	344	1378	6165
1031	16695	9535	14186	6926	1635	1008	1008	3255	823	2036	327	1349	6008
1032	14228	8676	13064	6493	1498	914	914	2930	777	1887	293	1243	5848
1033	13384	7884	11775	5892	1347	837	837	2585	683	1687	244	1175	5546
1034	12619	7354	10947	5463	1269	796	796	2375	637	1585	224	1119	5351
1035	12487	7154	10639	5277	1296	787	787	2329	626	1540	217	1113	5264
1036	12945	7326	10794	5300	1352	783	783	2275	624	1561	225	1122	5211
1037	14293	8307	11814	5375	1392	846	846	2509	650	1656	237	1236	5217
1038	16630	9807	13910	5910	1588	904	904	3019	766	1875	293	1342	5421
1039	18086	10324	14827	6819	1705	1009	1009	3267	836	2005	334	1351	5883
1040	20662	10669	15028	7239	2016	1130	1130	3295	859	2048	416	1352	6066
1041	19672	10694	15391	7593	1895	1135	1135	3319	866	2089	412	1341	6168
1042	18451	10776	15796	7528	1768	1103	1103	3392	877	2081	408	1337	6193
1043	17757	10757	16094	7426	1695	1069	1069	3421	877	2049	393	1335	6232
1044	17296	10598	16035	7232	1655	1043	1043	3397	866	2026	371	1330	6246
1045	17104	10494	16045	7195	1638	1020	1020	3362	850	2012	352	1325	6188
1046	17034	10355	16007	7109	1631	1012	1012	3348	847	2005	345	1317	6165
1047	17026	10264	15771	7060	1618	1008	1008	3328	841	2002	338	1313	6137
1048	17028	10222	15447	7099	1617	1008	1008	3325	838	1997	335	1310	6149
1049	17210	10308	15402	7364	1630	1010	1010	3385	839	2004	336	1339	6217
1050	18488	11807	17464	8303	1639	1043	1043	3863	875	2019	350	1585	6466
1051	19692	12431	17793	8302	1702	1154	1154	3936	983	2178	401	1593	6617
1052	19037	11642	16841	7841	1709	1142	1142	3795	950	2242	403	1537	6495
1053	18103	10670	15661	7423	1685	1094	1094	3583	936	2161	379	1442	6352
1054	17104	10105	14837	7090	1649	1034	1034	3332	866	2078	345	1352	6148
1055	16622	9638	14301	6930	1611	999	999	3241	829	2006	328	1328	6026
1056	14447	8656	12954	6506	1434	911	911	2884	757	1864	283	1222	5848
1057	13643	7977	11815	6035	1318	848	848	2633	695	1615	250	1180	5579
1058	12942	7516	11042	5624	1301	818	818	2487	656	1557	232	1141	5384
1059	12816	7255	10622	5444	1318	799	799	2452	643	1531	226	1134	5281
1060	13118	7434	10716	5450	1340	793	793	2425	633	1592	224	1163	5228
1061	14391	8322	11754	5518	1392	854	854	2558	661	1749	246	1275	5269
1062	16460	9797	13807	5995	1562	915	915	3014	767	2096	295	1349	5466
1063	18098	10320	14788	6732	1696	1000	1000	3239	834	2279	334	1355	5882
1064	21756	10661	14962	7154	2096	1107	1107	3271	864	2596	399	1355	6054
1065	20962	10776	15335	7352	1933	1097	1097	3310	871	2529	420	1346	6166
1066	19345	10795	15781	7347	1762	1076	1076	3384	884	2377	408	1343	6188

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1067	18202	10753	16136	7196	1702	1052	1052	3396	887	2318	392	1342	6185
1068	17361	10586	16138	6964	1655	1026	1026	3365	871	2256	373	1339	6197
1069	16991	10469	16138	6906	1622	1007	1007	3371	854	2220	357	1330	6142
1070	16889	10320	16073	6866	1622	1003	1003	3340	850	2199	348	1327	6118
1071	16874	10237	15890	6831	1621	1000	1000	3319	844	2183	341	1327	6114
1072	16879	10172	15587	6832	1612	1000	1000	3308	839	2181	336	1329	6128
1073	16999	10273	15619	6989	1622	1007	1007	3385	839	2188	340	1347	6215
1074	18772	11827	17773	7639	1639	1047	1047	3847	868	2226	358	1610	6483
1075	20750	12514	17990	7922	1776	1163	1163	3925	995	2486	416	1617	6685
1076	20033	11716	16851	7668	1820	1149	1149	3810	963	2521	416	1561	6565
1077	18774	10731	15720	7268	1760	1104	1104	3624	949	2382	390	1467	6399
1078	17164	10090	14847	6966	1669	1031	1031	3336	874	2261	351	1365	6160
1079	16670	9596	14335	6796	1621	995	995	3230	832	2171	332	1338	6015
1080	15173	8713	13075	6466	1548	920	920	2963	774	1951	298	1272	5837
1081	13977	8031	11851	5944	1452	857	857	2613	710	1708	251	1182	5593
1082	13361	7496	11102	5523	1387	816	816	2428	671	1590	230	1136	5378
1083	13199	7285	10682	5380	1381	801	801	2381	658	1573	224	1127	5261
1084	13485	7440	10769	5355	1441	796	796	2314	642	1590	227	1161	5233
1085	14670	8357	11898	5440	1505	854	854	2516	666	1785	249	1289	5246
1086	16486	9829	13886	5858	1603	908	908	2966	768	2120	298	1383	5466
1087	18432	10406	14863	6645	1787	999	999	3274	840	2275	337	1388	5891
1088	21919	10791	15017	7052	2165	1144	1144	3305	864	2425	414	1386	6046
1089	20471	10927	15455	7357	2021	1130	1130	3341	877	2328	426	1382	6142
1090	18779	10959	15852	7252	1822	1110	1110	3454	891	2251	394	1382	6202
1091	17744	10899	16111	7080	1726	1082	1082	3489	887	2216	375	1381	6234
1092	17082	10597	16200	6913	1666	1046	1046	3495	874	2194	369	1379	6238
1093	16817	10502	16173	6854	1649	1015	1015	3460	859	2184	358	1374	6184
1094	16755	10318	16193	6799	1642	1005	1005	3465	855	2178	350	1368	6163
1095	16718	10253	15959	6772	1631	1001	1001	3399	849	2173	340	1364	6146
1096	16735	10207	15662	6777	1630	1000	1000	3384	848	2172	339	1371	6144
1097	16800	10335	15587	6950	1635	1006	1006	3456	853	2172	341	1389	6241
1098	17929	11767	17589	7709	1647	1046	1046	3899	889	2181	352	1675	6432
1099	19563	12520	17792	8132	1726	1190	1190	4095	1031	2268	410	1686	6630
1100	19224	11773	16838	7788	1763	1175	1175	3986	1000	2301	420	1638	6555
1101	18095	10787	15685	7334	1743	1121	1121	3763	976	2244	401	1544	6367
1102	16929	10139	14890	6957	1666	1039	1039	3426	885	2197	355	1419	6117
1103	16526	9704	14383	6746	1640	996	996	3281	838	2152	334	1381	6021
1104	14892	8757	13093	6440	1549	927	927	3065	786	1899	299	1335	5865
1105	13639	7910	11845	5954	1444	855	855	2704	718	1704	261	1248	5600
1106	12975	7319	11050	5603	1409	817	817	2557	673	1592	240	1195	5386
1107	12855	7119	10639	5462	1381	800	800	2477	657	1612	235	1208	5223
1108	13162	7326	10683	5441	1402	791	791	2476	655	1640	239	1251	5188
1109	14431	8308	11766	5524	1467	853	853	2620	673	1803	259	1355	5183
1110	16299	9737	13771	5964	1599	906	906	3045	773	2124	304	1427	5383
1111	18026	10307	14646	6667	1740	985	985	3225	831	2270	336	1431	5804
1112	21116	10831	14863	7126	2155	1178	1178	3266	875	2437	415	1419	5986
1113	20255	11022	15425	7565	1951	1167	1167	3329	903	2343	429	1399	6156
1114	18811	11066	16090	7539	1790	1134	1134	3525	931	2254	407	1391	6271
1115	17776	10929	16481	7366	1707	1102	1102	3605	927	2229	387	1389	6347
1116	17009	10632	16423	7116	1678	1045	1045	3505	891	2197	366	1378	6350
1117	16690	10439	16415	7008	1643	1014	1014	3485	862	2188	351	1363	6282
1118	16577	10285	16275	6903	1637	996	996	3445	852	2181	344	1349	6218
1119	16555	10150	15807	6834	1625	984	984	3383	837	2177	336	1329	6175
1120	16559	10045	15397	6811	1613	983	983	3314	830	2175	334	1321	6140
1121	16611	10132	15180	6934	1633	985	985	3321	828	2173	333	1390	6146
1122	17380	11455	17030	7560	1637	1004	1004	3637	835	2180	336	1628	6311
1123	18189	11810	17229	7856	1671	1095	1095	3788	961	2263	366	1640	6549
1124	17505	10916	16188	7474	1675	1064	1064	3680	938	2278	365	1584	6431
1125	16880	10190	15196	7108	1657	1028	1028	3455	930	2227	349	1517	6233
1126	16562	9933	14663	6864	1639	987	987	3262	865	2192	335	1433	6035
1127	16184	9408	14223	6759	1620	977	977	3208	827	2149	329	1391	5960
1128	14679	8505	13089	6551	1517	924	924	3026	789	1927	298	1359	5829
1129	13395	8021	11875	5996	1411	856	856	2771	734	1718	263	1313	5559
1130	12423	7451	11077	5564	1323	800	800	2507	688	1616	239	1279	5384
1131	12061	7151	10607	5359	1320	782	782	2406	662	1600	225	1265	5255
1132	12159	7088	10410	5311	1295	769	769	2374	655	1620	222	1278	5180
1133	13005	7476	10878	5339	1362	817	817	2448	665	1780	235	1314	5138
1134	14435	8266	11807	5586	1465	837	837	2721	707	2086	263	1330	5217
1135	15610	8758	12419	5976	1547	905	905	2867	754	2232	294	1325	5412
1136	16279	9030	12991	6345	1629	939	939	2923	772	2417	304	1326	5586
1137	18621	9318	13139	6490	1827	985	985	2951	783	2358	329	1330	5674
1138	19840	9598	13466	6900	1907	1074	1074	3040	811	2288	355	1325	5749
1139	18946	9620	13637	7035	1803	1085	1085	3072	818	2252	357	1321	5891
1140	17514	9398	13562	6981	1646	1043	1043	3041	803	2209	340	1291	5937
1141	16305	9202	13375	6761	1568	993	993	2989	784	2187	318	1237	5850
1142	15781	9084	13198	6548	1548	955	955	2939	777	2173	305	1178	5747
1143	15692	9035	13080	6428	1508	940	940	2928	775	2165	302	1154	5704
1144	15644	9031	13054	6413	1513	939	939	2903	774	2163	302	1174	5696
1145	15708	9116	13146	6530	1536	943	943	2928	775	2163	302	1319	5735
1146	16290	10507	14975	7182	1550	985	985	3204	791	2174	308	1600	5982
1147	17823	11102	15840	7521	1605	1092	1092	3424	955	2270	362	1611	6277
1148	17297	10316	14946	7044	1620	1059	1059	3358	950	2325	366	1534	6126

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1149	16426	9583	14051	6696	1580	1011	1011	3230	901	2260	345	1458	5943
1150	15782	9102	13227	6465	1565	957	957	3099	831	2198	319	1365	5793
1151	15581	8940	12966	6373	1550	938	938	2951	777	2155	302	1325	5682
1152	14344	8284	12078	6168	1478	887	887	2864	752	1959	283	1273	5630
1153	13172	7689	11285	5741	1411	849	849	2646	699	1720	252	1218	5453
1154	12349	7223	10630	5407	1307	809	809	2510	662	1623	228	1145	5261
1155	12102	6914	10101	5193	1289	799	799	2345	646	1605	216	1114	5100
1156	12341	6803	9879	5102	1327	787	787	2320	632	1629	213	1149	5048
1157	13029	7090	10125	5094	1368	819	819	2340	631	1790	222	1204	5032
1158	14255	7648	10727	5270	1460	824	824	2521	666	2072	239	1275	5101
1159	15412	8149	11062	5695	1511	883	883	2595	709	2255	271	1222	5268
1160	15971	8672	11847	6112	1573	922	922	2715	725	2547	282	1268	5426
1161	18086	8788	12238	6282	1771	936	936	2833	751	2453	296	1284	5560
1162	19085	8903	12282	6382	1795	960	960	2849	754	2299	298	1285	5640
1163	18066	8925	12338	6468	1699	956	956	2853	756	2225	297	1277	5659
1164	16611	8878	12340	6463	1580	946	946	2860	754	2170	288	1258	5693
1165	15881	8817	12316	6412	1522	939	939	2863	752	2137	287	1238	5724
1166	15630	8777	12291	6326	1517	931	931	2850	752	2126	282	1187	5701
1167	15553	8764	12279	6291	1491	926	926	2849	750	2119	281	1145	5679
1168	15526	8776	12274	6294	1473	926	926	2848	750	2118	281	1174	5687
1169	15630	8953	12396	6440	1497	927	927	2883	752	2118	282	1285	5768
1170	16910	10791	14390	7079	1519	972	972	3334	796	2119	290	1556	6041
1171	19415	11706	15509	7522	1663	1119	1119	3644	957	2194	339	1570	6373
1172	19036	10927	14996	7279	1837	1123	1123	3479	957	2247	360	1524	6344
1173	17773	9946	13971	7018	1753	1084	1084	3450	891	2181	343	1450	6185
1174	16086	8995	12773	6624	1608	988	988	3190	812	2138	312	1341	5969
1175	15470	8727	12271	6290	1519	927	927	2913	755	2101	284	1288	5711
1176	13807	8140	11764	6121	1439	878	878	2698	718	1887	265	1247	5633
1177	12338	7320	10849	5696	1197	799	799	2400	655	1708	225	1131	5459
1178	11830	7041	10245	5423	1193	769	769	2269	621	1605	206	1090	5285
1179	11940	6835	10020	5323	1212	753	753	2240	611	1579	203	1080	5184
1180	12508	7121	10289	5351	1244	756	756	2252	614	1607	215	1135	5140
1181	14043	8068	11406	5446	1384	822	822	2428	645	1724	241	1288	5200
1182	16220	9520	13432	5941	1547	877	877	2982	755	1955	288	1369	5414
1183	17729	9943	14445	6656	1658	986	986	3218	820	2065	330	1375	5828
1184	20590	10237	14617	7036	2019	1072	1072	3231	840	2221	377	1372	5999
1185	20025	10466	15077	7319	1973	1100	1100	3262	851	2301	403	1364	6083
1186	18760	10661	15541	7296	1866	1100	1100	3387	867	2284	402	1362	6170
1187	17721	10654	15777	7236	1732	1079	1079	3423	880	2206	394	1360	6253
1188	17019	10448	15795	7019	1681	1052	1052	3390	864	2116	377	1357	6274
1189	16665	10292	15782	6903	1617	1019	1019	3376	846	2074	355	1346	6207
1190	16563	10130	15667	6809	1604	1002	1002	3306	838	2048	345	1333	6146
1191	16510	10037	15443	6794	1596	990	990	3292	831	2044	336	1328	6114
1192	16491	9999	15188	6792	1595	988	988	3267	826	2043	335	1344	6124
1193	16563	10110	15303	6915	1602	996	996	3294	826	2045	336	1372	6226
1194	17399	11595	17555	7594	1612	1037	1037	3739	863	2055	352	1697	6438
1195	19278	12681	18195	7967	1707	1194	1194	3943	1049	2198	402	1704	6642
1196	19058	11835	17159	7640	1795	1173	1173	3783	1044	2253	409	1633	6563
1197	18064	10659	15680	7302	1759	1125	1125	3601	1008	2173	384	1505	6417
1198	16781	9919	14602	6978	1661	1028	1028	3282	885	2090	345	1383	6164
1199	16356	9559	14220	6760	1604	983	983	3215	819	2043	328	1347	5997
1200	14474	8701	13091	6483	1496	919	919	2880	772	1873	292	1224	5839
1201	13211	7829	11748	5859	1328	826	826	2584	685	1680	243	1175	5555
1202	12574	7319	10907	5453	1269	789	789	2383	638	1578	223	1120	5358
1203	12487	7154	10639	5277	1293	783	783	2336	631	1540	217	1113	5256
1204	12969	7365	10828	5313	1354	789	789	2275	624	1560	224	1139	5211
1205	14306	8448	11819	5415	1408	843	843	2492	650	1655	237	1252	5219
1206	16550	9931	13977	5915	1585	904	904	3002	765	1871	294	1351	5410
1207	18097	10438	14852	6775	1684	999	999	3241	831	1999	333	1357	5832
1208	20662	10800	15063	7202	1928	1103	1103	3263	858	2069	402	1360	6053
1209	19563	10787	15421	7541	1824	1106	1106	3290	866	2129	397	1352	6159
1210	18301	10827	15818	7421	1710	1075	1075	3373	880	2122	391	1347	6195
1211	17542	10761	16138	7289	1649	1047	1047	3403	886	2073	379	1346	6226
1212	17113	10586	16029	7119	1622	1025	1025	3392	870	2030	360	1340	6247
1213	16930	10483	16050	7070	1615	1006	1006	3355	853	2009	345	1332	6187
1214	16885	10342	15994	6991	1603	1002	1002	3338	849	1999	338	1322	6167
1215	16880	10245	15770	6954	1581	998	998	3321	839	1997	333	1316	6139
1216	16883	10196	15460	6989	1585	998	998	3314	834	1993	331	1310	6152
1217	17047	10255	15379	7231	1601	1001	1001	3373	837	1998	331	1346	6223
1218	18189	11490	17156	8101	1615	1025	1025	3809	871	2017	338	1556	6402
1219	19605	12430	17881	8303	1643	1129	1129	3936	1016	2244	380	1588	6576
1220	19057	11661	16970	7884	1669	1137	1137	3800	993	2408	392	1551	6486
1221	18081	10683	15767	7415	1654	1094	1094	3618	971	2267	372	1464	6366
1222	16992	10115	14869	7048	1629	1032	1032	3315	879	2134	344	1373	6150
1223	16570	9624	14344	6859	1603	994	994	3233	826	1999	328	1345	6016
1224	14630	8588	12978	6512	1463	927	927	2912	766	1852	286	1275	5834
1225	13368	7727	11788	5958	1293	853	853	2617	694	1617	248	1187	5578
1226	12645	7218	11031	5503	1218	817	817	2467	655	1551	229	1144	5388
1227	12544	6940	10622	5337	1234	804	804	2441	641	1531	225	1134	5273
1228	12846	7190	10685	5339	1280	793	793	2425	633	1598	224	1176	5228
1229	14207	8254	11801	5415	1335	854	854	2592	660	1760	246	1306	5263
1230	16391	9906	13927	5938	1549	913	913	3042	768	2104	297	1373	5457

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1231	17538	10411	14889	6710	1654	999	999	3236	831	2365	334	1381	5879
1232	19440	10773	15081	7128	1848	1077	1077	3272	859	2828	385	1378	6038
1233	18893	10867	15468	7284	1747	1075	1075	3315	873	2724	402	1362	6130
1234	18038	10915	15945	7262	1672	1064	1064	3413	884	2485	392	1358	6145
1235	17428	10803	16262	7116	1637	1045	1045	3429	888	2416	378	1355	6157
1236	17040	10616	16238	6908	1614	1022	1022	3381	871	2303	361	1347	6176
1237	16882	10497	16279	6852	1600	1005	1005	3362	853	2239	350	1331	6128
1238	16834	10362	16233	6821	1600	1001	1001	3326	848	2212	342	1326	6115
1239	16821	10293	16075	6791	1596	999	999	3307	841	2187	338	1325	6111
1240	16827	10219	15735	6795	1574	999	999	3289	836	2183	335	1327	6128
1241	16902	10296	15740	6928	1598	1002	1002	3346	834	2198	337	1358	6212
1242	17805	11469	17585	7492	1603	1025	1025	3728	851	2244	346	1594	6390
1243	19034	12406	18096	7811	1647	1114	1114	3925	975	2573	384	1617	6577
1244	18687	11663	16998	7606	1682	1127	1127	3817	964	2680	391	1565	6514
1245	17931	10730	15870	7217	1667	1092	1092	3675	955	2487	373	1474	6365
1246	17009	10140	14949	6930	1631	1029	1029	3314	873	2305	344	1376	6152
1247	16620	9537	14420	6767	1599	996	996	3222	828	2172	331	1347	6013
1248	15041	8510	13084	6421	1490	925	925	2903	769	1968	292	1250	5849
1249	13924	7846	11897	5909	1339	854	854	2633	709	1707	248	1165	5592
1250	13320	7298	11112	5492	1264	811	811	2465	670	1590	229	1119	5369
1251	13199	7086	10682	5368	1277	796	796	2390	653	1573	224	1112	5252
1252	13535	7245	10786	5355	1326	798	798	2314	642	1599	226	1156	5233
1253	14720	8256	11993	5458	1417	852	852	2545	668	1788	248	1300	5251
1254	16525	9857	13990	5925	1562	915	915	2973	769	2128	297	1388	5476
1255	17761	10417	14957	6694	1730	1004	1004	3254	837	2569	334	1394	5904
1256	19617	10796	15143	7106	2001	1141	1141	3277	857	3088	394	1390	6051
1257	18821	10889	15620	7371	1878	1131	1131	3313	872	2729	404	1385	6156
1258	17871	10917	16103	7247	1728	1112	1112	3426	888	2464	381	1385	6244
1259	17301	10839	16434	7093	1655	1079	1079	3467	885	2331	365	1384	6292
1260	16930	10577	16480	6942	1618	1048	1048	3478	871	2258	357	1381	6280
1261	16801	10491	16461	6882	1611	1020	1020	3402	855	2219	348	1377	6214
1262	16773	10327	16461	6835	1608	1009	1009	3409	851	2199	342	1371	6202
1263	16725	10260	16210	6811	1593	1005	1005	3356	847	2184	335	1365	6184
1264	16750	10206	15871	6815	1585	1004	1004	3330	846	2179	335	1375	6189
1265	16794	10300	15722	6948	1593	1007	1007	3379	850	2181	336	1390	6274
1266	17323	11347	17560	7507	1611	1030	1030	3670	875	2202	341	1672	6427
1267	18309	12343	18215	7941	1647	1139	1139	3952	1005	2452	377	1702	6630
1268	18173	11670	17218	7652	1687	1149	1149	3839	988	2631	394	1652	6630
1269	17544	10735	15911	7254	1676	1107	1107	3694	964	2441	380	1549	6435
1270	16881	10135	14995	6947	1626	1036	1036	3361	884	2261	346	1420	6171
1271	16557	9648	14464	6773	1604	999	999	3253	835	2155	331	1382	6035
1272	14874	8657	13131	6457	1475	921	921	3032	785	1888	296	1322	5892
1273	13675	7931	11899	5971	1363	853	853	2708	722	1699	260	1240	5616
1274	12992	7344	11051	5612	1342	813	813	2551	681	1592	240	1195	5365
1275	12855	7135	10639	5448	1301	799	799	2458	660	1598	235	1205	5210
1276	13138	7352	10696	5441	1325	791	791	2477	655	1641	240	1251	5187
1277	14384	8395	11841	5546	1418	850	850	2634	674	1794	260	1358	5183
1278	16292	9817	13866	6007	1572	910	910	3043	773	2115	303	1428	5396
1279	17924	10403	14744	6692	1702	987	987	3221	826	2474	332	1430	5836
1280	20585	10956	14962	7148	2025	1126	1126	3262	867	2964	397	1418	6001
1281	19679	11156	15507	7621	1852	1124	1124	3331	893	2641	408	1398	6145
1282	18416	11174	16157	7567	1706	1105	1105	3546	918	2396	390	1391	6273
1283	17548	10989	16529	7354	1647	1073	1073	3605	914	2340	376	1389	6336
1284	16889	10690	16494	7102	1614	1027	1027	3504	882	2257	358	1379	6333
1285	16632	10505	16555	6989	1597	1005	1005	3493	855	2228	344	1368	6273
1286	16547	10335	16457	6895	1585	993	993	3451	847	2209	338	1357	6209
1287	16525	10198	15998	6834	1552	984	984	3396	834	2200	331	1346	6175
1288	16532	10072	15562	6814	1537	983	983	3314	828	2189	329	1332	6151
1289	16561	10097	15283	6904	1572	984	984	3309	824	2178	328	1387	6159
1290	17092	11165	16779	7347	1594	992	992	3592	828	2207	329	1649	6254
1291	17965	11973	17386	7667	1606	1044	1044	3902	942	2426	348	1688	6451
1292	17487	11034	16334	7401	1621	1038	1038	3763	937	2519	354	1615	6412
1293	16894	10249	15320	7077	1607	1016	1016	3507	929	2354	342	1530	6230
1294	16543	9952	14766	6853	1598	988	988	3252	865	2237	331	1434	6047
1295	16202	9389	14302	6764	1574	977	977	3205	823	2150	325	1391	5980
1296	14734	8492	13099	6555	1461	921	921	2979	789	1931	295	1353	5840
1297	13296	8035	11963	5980	1371	856	856	2723	734	1732	261	1305	5580
1298	12341	7463	11096	5561	1293	798	798	2509	686	1634	238	1261	5404
1299	12061	7164	10569	5365	1284	782	782	2418	660	1600	225	1246	5261
1300	12215	7125	10410	5311	1277	769	769	2374	655	1608	222	1258	5188
1301	13156	7509	10883	5347	1313	815	815	2447	663	1747	233	1309	5138
1302	14665	8345	11887	5606	1441	836	836	2680	704	2044	260	1326	5235
1303	15679	8815	12480	6000	1528	906	906	2801	746	2257	291	1320	5425
1304	16405	9063	13094	6351	1587	940	940	2879	766	2733	300	1325	5596
1305	18253	9385	13228	6489	1753	978	978	2905	775	2677	327	1326	5704
1306	18836	9617	13569	6848	1825	1049	1049	2989	794	2530	354	1325	5759
1307	17894	9610	13723	6920	1765	1058	1058	3031	801	2424	356	1321	5865
1308	16731	9384	13662	6834	1625	1021	1021	3013	792	2300	337	1291	5896
1309	15947	9211	13473	6664	1552	981	981	2965	777	2211	315	1244	5841
1310	15700	9104	13314	6481	1531	953	953	2908	772	2171	303	1173	5769
1311	15614	9060	13190	6404	1502	941	941	2896	770	2147	298	1154	5737
1312	15534	9056	13155	6399	1501	940	940	2887	769	2137	298	1172	5729

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1313	15666	9125	13224	6497	1521	942	942	2895	770	2135	298	1313	5759
1314	15945	10215	14639	6998	1532	963	963	3105	779	2156	302	1522	5903
1315	17053	11055	15838	7362	1574	1045	1045	3379	896	2395	349	1553	6105
1316	16787	10375	15045	6983	1621	1035	1035	3340	912	2636	364	1488	6071
1317	16172	9604	14128	6647	1579	998	998	3188	869	2446	344	1425	5926
1318	15731	9116	13311	6441	1542	958	958	3058	813	2244	315	1354	5807
1319	15522	8947	13054	6356	1531	939	939	2910	771	2128	298	1325	5714
1320	14001	8252	12071	6116	1454	890	890	2813	746	1935	279	1246	5668
1321	13172	7666	11350	5694	1375	844	844	2612	696	1730	249	1212	5489
1322	12374	7196	10689	5364	1265	797	797	2465	660	1639	225	1142	5272
1323	12102	6891	10102	5183	1238	792	792	2347	641	1606	215	1114	5104
1324	12334	6803	9879	5110	1295	787	787	2320	631	1635	213	1141	5043
1325	12946	7102	10136	5094	1337	818	818	2342	631	1767	222	1193	5032
1326	14084	7732	10766	5280	1445	824	824	2485	666	2020	242	1263	5096
1327	15234	8183	11015	5694	1489	888	888	2555	700	2190	268	1198	5258
1328	15688	8742	11886	6070	1577	926	926	2677	720	2547	276	1253	5398
1329	17301	8840	12335	6230	1750	942	942	2792	744	2495	292	1279	5563
1330	18091	8937	12388	6321	1737	961	961	2808	747	2338	293	1281	5659
1331	17360	8960	12447	6392	1656	956	956	2815	750	2251	290	1276	5674
1332	16223	8923	12465	6369	1560	952	952	2828	749	2173	281	1259	5704
1333	15664	8865	12455	6312	1501	945	945	2833	747	2126	280	1246	5730
1334	15455	8832	12428	6248	1488	938	938	2811	745	2113	275	1207	5713
1335	15376	8819	12419	6230	1461	931	931	2808	745	2097	274	1182	5694
1336	15353	8834	12417	6233	1429	931	931	2809	744	2094	273	1204	5701
1337	15451	8988	12544	6327	1426	932	932	2841	746	2096	275	1281	5765
1338	16212	10338	14189	6765	1481	961	961	3218	776	2111	279	1536	5927
1339	18254	11505	15509	7261	1522	1065	1065	3644	935	2277	326	1570	6175
1340	18170	10815	15011	7141	1627	1077	1077	3536	957	2469	360	1525	6219
1341	17148	8991	14007	6904	1586	1044	1044	3480	900	2314	343	1440	6098
1342	15816	8997	12839	6557	1505	975	975	3170	811	2168	308	1331	5920
1343	15287	8767	12382	6241	1474	931	931	2879	749	2087	277	1283	5711
1344	13517	8114	11783	6069	1267	865	865	2724	717	1887	258	1224	5648
1345	12363	7306	10901	5673	1193	798	798	2420	653	1699	224	1133	5458
1346	11830	7012	10295	5412	1232	768	768	2270	618	1616	206	1088	5277
1347	11906	6835	10020	5323	1234	754	754	2257	611	1582	203	1080	5180
1348	12410	7130	10280	5352	1257	753	753	2240	614	1610	213	1121	5140
1349	13853	8111	11408	5444	1366	814	814	2427	649	1728	238	1267	5193
1350	15989	9560	13435	5942	1511	874	874	2948	754	1967	284	1356	5434
1351	17386	9940	14554	6614	1635	982	982	3175	815	2126	321	1358	5843
1352	20018	10171	14779	7028	2019	1043	1043	3198	831	2485	370	1359	6008
1353	19569	10396	15140	7297	1914	1070	1070	3231	846	2647	395	1357	6074
1354	18534	10607	15625	7241	1804	1079	1079	3387	864	2626	396	1357	6159
1355	17609	10620	15955	7181	1690	1059	1059	3426	879	2485	390	1356	6239
1356	16930	10452	16090	6976	1636	1040	1040	3399	860	2313	373	1356	6251
1357	16566	10343	16158	6866	1565	1013	1013	3393	844	2215	352	1354	6187
1358	16419	10218	16138	6755	1556	998	998	3326	836	2144	338	1353	6138
1359	16392	10125	15957	6730	1554	989	989	3301	830	2103	330	1352	6122
1360	16385	10071	15723	6726	1553	985	985	3269	825	2101	327	1356	6124
1361	16415	10129	15713	6844	1557	991	991	3294	827	2109	328	1377	6214
1362	17171	11179	17252	7451	1562	1020	1020	3658	855	2188	339	1689	6356
1363	19203	12513	17996	7939	1634	1141	1141	3943	1034	2619	385	1704	6531
1364	19135	11727	17018	7681	1749	1131	1131	3822	1049	2913	403	1618	6556
1365	18065	10599	15709	7307	1711	1096	1096	3615	1022	2590	377	1482	6412
1366	16653	9930	14791	6936	1609	1016	1016	3262	884	2253	335	1369	6176
1367	16224	9541	14389	6692	1556	979	979	3182	814	2082	318	1331	6007
1368	14526	8677	13212	6421	1459	915	915	2887	763	1918	281	1205	5856
1369	13239	7815	11839	5844	1327	838	838	2563	684	1709	239	1181	5558
1370	12591	7326	10948	5447	1289	807	807	2339	640	1608	221	1128	5347
1371	12487	7154	10639	5277	1269	783	783	2275	631	1547	217	1113	5248
1372	12901	7393	10822	5287	1347	791	791	2275	624	1559	221	1132	5211
1373	14162	8478	11820	5387	1367	836	836	2470	652	1655	241	1221	5233
1374	16385	9938	13944	5896	1535	894	894	2975	760	1910	285	1339	5431
1375	17895	10418	14965	6766	1647	986	986	3195	823	2062	320	1339	5855
1376	20269	10793	15123	7094	1950	1087	1087	3216	848	2119	395	1342	6065
1377	19308	10806	15479	7381	1850	1091	1091	3239	859	2173	402	1340	6170
1378	18168	10869	15888	7302	1693	1063	1063	3324	876	2181	388	1340	6219
1379	17471	10847	16507	7216	1611	1037	1037	3359	886	2160	376	1339	6259
1380	17045	10677	16444	7109	1573	1015	1015	3369	872	2124	356	1338	6268
1381	16860	10590	16510	7068	1563	996	996	3327	856	2109	338	1337	6218
1382	16808	10440	16517	7007	1559	992	992	3328	852	2090	330	1337	6201
1383	16793	10309	16270	6975	1546	986	986	3312	841	2082	323	1336	6177
1384	16810	10234	15867	7006	1539	986	986	3308	833	2080	320	1335	6190
1385	17095	10258	15644	7220	1552	992	992	3345	836	2094	320	1342	6261
1386	18299	11266	17012	7855	1562	1015	1015	3663	859	2160	326	1611	6390
1387	19887	12527	17934	8031	1580	1116	1116	3878	1016	2472	372	1663	6551
1388	19298	11708	16979	7721	1631	1141	1141	3763	1015	2694	397	1605	6568
1389	18109	10671	15823	7336	1615	1096	1096	3534	988	2484	371	1486	6428
1390	16917	10112	15017	7036	1575	1020	1020	3274	882	2278	335	1369	6192
1391	16481	9569	14447	6864	1551	982	982	3183	820	2062	316	1336	6042
1392	14746	8552	12999	6537	1436	915	915	2857	757	1917	279	1271	5849
1393	13434	7735	11858	5966	1274	849	849	2611	688	1673	246	1185	5569
1394	12698	7227	11107	5514	1218	815	815	2451	652	1596	229	1150	5354



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1395	12544	6940	10684	5341	1236	807	807	2425	638	1550	225	1134	5233
1396	12777	7223	10695	5337	1237	793	793	2429	633	1597	224	1172	5184
1397	14036	8308	11839	5396	1292	848	848	2591	658	1743	244	1277	5188
1398	16183	9979	13899	5928	1492	904	904	3021	766	2098	288	1353	5416
1399	17406	10420	14924	6691	1619	993	993	3201	822	2300	320	1355	5884
1400	19464	10754	15114	7105	1905	1054	1054	3233	847	2611	382	1355	6036
1401	18820	10876	15487	7279	1747	1056	1056	3284	861	2636	402	1354	6132
1402	17980	10949	16030	7277	1641	1051	1051	3406	875	2464	390	1353	6168
1403	17410	10867	16380	7102	1601	1036	1036	3404	884	2441	369	1353	6177
1404	16996	10685	16448	6914	1566	1017	1017	3387	866	2354	354	1352	6188
1405	16795	10594	16570	6849	1546	1001	1001	3366	850	2305	342	1351	6140
1406	16711	10462	16563	6814	1546	997	997	3345	844	2281	335	1351	6132
1407	16685	10369	16393	6786	1544	994	994	3330	838	2250	330	1352	6122
1408	16688	10282	15988	6795	1541	994	994	3305	832	2252	324	1352	6139
1409	16844	10339	15874	6948	1546	1004	1004	3335	830	2286	326	1358	6221
1410	17909	11221	17293	7478	1562	1031	1031	3593	837	2345	334	1577	6344
1411	19488	12377	18096	7866	1616	1120	1120	3833	965	2652	374	1606	6523
1412	19123	11687	17010	7693	1689	1140	1140	3767	975	2828	392	1544	6577
1413	18102	10741	15908	7265	1664	1105	1105	3599	967	2626	371	1447	6412
1414	16893	10182	15019	6934	1608	1029	1029	3273	872	2383	334	1363	6171
1415	16471	9549	14474	6750	1546	992	992	3192	820	2207	317	1335	6012
1416	14854	8574	13129	6410	1478	941	941	2909	760	2008	284	1238	5826
1417	13860	7803	11933	5921	1310	857	857	2614	708	1729	246	1176	5597
1418	13198	7277	11133	5529	1264	810	810	2464	675	1602	228	1131	5384
1419	13016	7086	10682	5394	1266	798	798	2401	654	1573	224	1112	5255
1420	13278	7226	10762	5355	1296	796	796	2314	647	1595	227	1140	5233
1421	14425	8275	11986	5460	1371	855	855	2546	671	1782	243	1259	5236
1422	16232	9913	13952	5904	1508	919	919	2952	764	2146	286	1358	5469
1423	17587	10411	15012	6651	1682	1013	1013	3216	824	2579	322	1361	5906
1424	19565	10766	15169	7031	1953	1112	1112	3240	847	3088	386	1362	6039
1425	18676	10849	15610	7315	1824	1112	1112	3283	868	2757	404	1361	6130
1426	17716	10883	16110	7213	1686	1100	1100	3387	891	2512	383	1362	6208
1427	17119	10832	16561	7064	1621	1075	1075	3443	891	2404	365	1362	6244
1428	16714	10602	16664	6918	1585	1053	1053	3450	874	2325	354	1361	6237
1429	16549	10529	16780	6858	1581	1029	1029	3378	855	2285	342	1361	6188
1430	16511	10377	16818	6804	1578	1019	1019	3378	849	2263	335	1361	6182
1431	16488	10314	16627	6768	1570	1016	1016	3337	840	2249	327	1361	6167
1432	16495	10246	16197	6763	1562	1013	1013	3325	838	2233	327	1362	6175
1433	16524	10291	15917	6854	1571	1019	1019	3369	839	2241	329	1380	6239
1434	17013	11097	17249	7283	1581	1040	1040	3639	852	2270	334	1658	6331
1435	18230	12300	18215	7794	1612	1128	1128	3952	999	2546	375	1702	6500
1436	18245	11681	17234	7626	1687	1149	1149	3842	1005	2820	399	1630	6578
1437	17525	10723	15954	7241	1678	1118	1118	3674	983	2603	380	1515	6407
1438	16685	10148	15089	6934	1621	1047	1047	3326	883	2338	341	1387	6160
1439	16364	9625	14545	6736	1581	1010	1010	3220	823	2193	320	1354	6029
1440	14785	8612	13172	6479	1483	950	950	3040	777	1921	293	1285	5894
1441	13538	8134	11912	5937	1361	856	856	2709	710	1737	250	1228	5619
1442	12855	7593	11080	5581	1327	820	820	2514	672	1615	229	1202	5377
1443	12696	7402	10639	5441	1301	803	803	2427	650	1599	223	1195	5229
1444	12995	7615	10670	5449	1282	801	801	2458	642	1637	227	1226	5200
1445	14257	8607	11810	5555	1374	856	856	2617	665	1799	247	1315	5183
1446	16046	9921	13818	6025	1533	920	920	3007	762	2133	291	1367	5388
1447	17836	10437	14793	6690	1677	998	998	3222	813	2475	322	1371	5834
1448	20585	10976	14985	7161	2025	1126	1126	3251	854	2964	386	1370	5996
1449	19500	11169	15524	7638	1855	1125	1125	3326	884	2680	400	1365	6184
1450	18007	11235	16247	7506	1704	1108	1108	3540	916	2448	383	1364	6334
1451	17075	11097	16733	7280	1631	1075	1075	3624	914	2408	374	1363	6383
1452	16433	10829	16807	7049	1585	1032	1032	3529	879	2315	358	1363	6390
1453	16234	10663	16953	6915	1560	1011	1011	3536	850	2281	340	1362	6303
1454	16193	10525	16952	6841	1542	1001	1001	3492	846	2264	333	1361	6234
1455	16135	10369	16427	6787	1526	993	993	3462	829	2262	324	1361	6212
1456	16142	10190	15941	6773	1519	992	992	3346	820	2248	321	1355	6182
1457	16195	10153	15524	6838	1534	993	993	3335	815	2234	320	1363	6189
1458	16475	10898	16604	7184	1558	997	997	3543	817	2264	321	1644	6246
1459	17357	11973	17492	7549	1566	1033	1033	3902	934	2470	342	1688	6417
1460	17075	11111	16383	7388	1591	1041	1041	3774	942	2617	355	1594	6459
1461	16550	10310	15397	7074	1571	1023	1023	3533	934	2416	338	1492	6263
1462	16200	10022	14860	6846	1561	996	996	3260	860	2283	322	1393	6054
1463	15875	9464	14339	6742	1536	985	985	3211	812	2179	317	1361	5979
1464	14315	8618	13096	6527	1425	924	924	2980	775	1959	288	1320	5837
1465	13903	8036	12015	6047	1320	869	869	2716	713	1761	249	1247	5582
1466	13315	7462	11205	5685	1262	808	808	2490	657	1650	224	1189	5408
1467	13182	7174	10708	5519	1247	789	789	2409	624	1603	208	1154	5286
1468	13312	7125	10536	5460	1238	790	790	2341	617	1600	202	1172	5221
1469	13889	7517	10963	5493	1289	832	832	2427	627	1721	214	1242	5157
1470	14836	8351	11884	5734	1405	850	850	2637	676	2008	243	1278	5256
1471	15468	8811	12418	6068	1492	917	917	2735	724	2158	278	1260	5443
1472	16194	9067	13084	6383	1549	948	948	2861	751	2454	289	1283	5588
1473	18052	9364	13221	6500	1723	986	986	2889	762	2550	313	1294	5692
1474	18836	9574	13588	6801	1825	1039	1039	2974	779	2530	346	1294	5804
1475	17992	9564	13780	6877	1777	1058	1058	3020	788	2449	352	1294	5979
1476	16813	9389	13758	6821	1639	1019	1019	3028	781	2317	334	1286	6020

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1477	15960	9232	13580	6703	1550	988	988	2974	767	2230	311	1275	5918
1478	15560	9127	13402	6541	1505	959	959	2900	761	2178	297	1247	5802
1479	15475	9075	13256	6463	1493	949	949	2884	759	2154	290	1243	5740
1480	15450	9070	13201	6458	1481	948	948	2880	758	2144	289	1250	5722
1481	15478	9156	13254	6568	1491	951	951	2883	759	2144	289	1294	5755
1482	15696	10059	14443	6985	1500	965	965	3004	766	2179	296	1513	5906
1483	16630	11055	15915	7362	1533	1025	1025	3379	873	2405	340	1553	6191
1484	16423	10310	15145	7060	1588	1026	1026	3353	912	2733	364	1474	6287
1485	15838	9576	14192	6716	1544	997	997	3195	862	2526	343	1396	6067
1486	15483	9109	13342	6493	1506	958	958	3044	804	2275	308	1322	5874
1487	15278	8929	13081	6401	1496	945	945	2895	760	2134	289	1294	5708
1488	14126	8203	12165	6210	1418	884	884	2786	729	1952	267	1212	5656
1489	13445	7656	11484	5845	1333	856	856	2581	679	1793	241	1190	5472
1490	12827	7222	10857	5575	1237	817	817	2414	636	1699	219	1126	5253
1491	12601	6928	10335	5421	1222	811	811	2313	611	1650	207	1096	5084
1492	12720	6857	10131	5357	1244	803	803	2272	601	1680	203	1105	5032
1493	13103	7124	10332	5346	1279	827	827	2288	604	1777	211	1147	5038
1494	13880	7757	10847	5483	1380	829	829	2435	643	1983	230	1186	5101
1495	14738	8155	11048	5810	1435	875	875	2482	673	2097	255	1128	5239
1496	15124	8737	11917	6082	1544	908	908	2645	701	2250	265	1210	5322
1497	16705	8839	12368	6201	1750	922	922	2758	734	2284	277	1254	5515
1498	17511	8937	12426	6298	1708	939	939	2775	737	2230	281	1259	5617
1499	16790	8985	12515	6375	1613	942	942	2784	740	2189	279	1259	5634
1500	15683	8957	12546	6360	1495	937	937	2802	741	2150	272	1258	5669
1501	15169	8907	12540	6294	1439	935	935	2813	739	2112	271	1258	5696
1502	14956	8854	12505	6221	1433	922	922	2782	738	2106	265	1251	5676
1503	14914	8831	12490	6200	1403	916	916	2777	736	2093	265	1245	5654
1504	14906	8845	12487	6200	1379	915	915	2776	736	2093	264	1251	5659
1505	14956	8983	12637	6283	1384	918	918	2798	738	2098	265	1263	5730
1506	15701	10164	14275	6661	1432	943	943	3083	767	2121	271	1512	5888
1507	18060	11505	16017	7261	1470	1042	1042	3644	915	2282	317	1570	6213
1508	18254	10828	15447	7246	1603	1077	1077	3603	957	2547	360	1506	6412
1509	17036	9882	14322	6978	1556	1039	1039	3447	896	2405	342	1418	6264
1510	15477	8989	12928	6590	1479	961	961	3133	804	2217	303	1308	6003
1511	14876	8759	12419	6216	1425	915	915	2839	740	2088	268	1261	5696
1512	13805	8119	11846	6074	1169	859	859	2706	706	1925	251	1222	5606
1513	12821	7487	11097	5745	1157	812	812	2472	653	1754	219	1132	5435
1514	12377	7200	10509	5499	1188	786	786	2310	618	1691	200	1090	5265
1515	12407	7025	10278	5419	1189	782	782	2316	608	1648	196	1073	5176
1516	12779	7309	10482	5443	1200	778	778	2267	608	1671	203	1097	5140
1517	13907	8194	11553	5526	1307	826	826	2442	643	1792	226	1227	5197
1518	15650	9573	13471	5967	1450	880	880	2912	744	2034	271	1332	5421
1519	17079	9934	14575	6588	1584	970	970	3121	807	2191	310	1343	5825
1520	20018	10157	14820	6929	2019	1034	1034	3155	818	2501	356	1347	5998
1521	19532	10381	15324	7215	1904	1069	1069	3186	836	2590	377	1348	6081
1522	18463	10605	16046	7198	1783	1088	1088	3373	857	2570	389	1349	6207
1523	17517	10673	16648	7115	1640	1064	1064	3434	881	2486	387	1350	6325
1524	16783	10537	16880	6969	1558	1043	1043	3419	858	2360	369	1350	6349
1525	16323	10444	17043	6888	1507	1010	1010	3413	848	2288	348	1350	6275
1526	16127	10322	17052	6786	1498	990	990	3350	842	2245	334	1350	6215
1527	16044	10219	16789	6745	1494	979	979	3317	836	2207	324	1351	6191
1528	16042	10140	16308	6739	1495	975	975	3275	828	2206	319	1354	6214
1529	16106	10179	16015	6885	1498	979	979	3294	833	2213	319	1377	6344
1530	17060	10956	17726	7440	1500	1005	1005	3551	855	2286	327	1655	6497
1531	19693	12513	19301	7939	1561	1097	1097	3943	1005	2576	367	1704	6669
1532	19669	11730	17991	7686	1714	1141	1141	3846	1049	2913	403	1610	6792
1533	18148	10598	16149	7277	1661	1098	1098	3622	1023	2642	377	1475	6594
1534	16330	9932	14848	6891	1564	1006	1006	3242	879	2308	329	1362	6245
1535	15885	9539	14442	6669	1498	968	968	3143	808	2144	309	1328	5999
1536	14527	8746	13305	6399	1407	915	915	2901	760	1985	275	1229	5855
1537	13571	7846	12117	5899	1177	840	840	2539	684	1813	219	1165	5553
1538	12987	7374	11295	5531	1127	806	806	2312	643	1739	198	1108	5335
1539	12829	7181	10954	5356	1126	784	784	2278	633	1688	193	1087	5244
1540	13088	7432	11115	5348	1219	791	791	2289	627	1696	198	1115	5214
1541	14108	8474	12085	5458	1248	837	837	2456	654	1785	220	1214	5242
1542	15894	9920	13982	5926	1482	893	893	2956	750	2026	272	1341	5430
1543	17567	10316	15055	6666	1615	972	972	3158	816	2150	311	1349	5834
1544	20269	10676	15222	6961	1950	1098	1098	3179	835	2218	387	1352	6033
1545	19198	10720	15576	7239	1825	1096	1096	3207	848	2245	401	1352	6168
1546	17911	10846	16120	7216	1666	1067	1067	3309	864	2237	386	1354	6271
1547	17094	10888	17009	7152	1574	1035	1035	3359	877	2230	371	1354	6323
1548	16581	10771	17092	7010	1535	1006	1006	3368	865	2203	352	1353	6345
1549	16352	10720	17301	6962	1517	987	987	3343	853	2202	335	1353	6293
1550	16270	10602	17442	6900	1514	980	980	3337	851	2197	326	1354	6244
1551	16241	10452	17195	6856	1501	972	972	3323	842	2201	318	1355	6220
1552	16251	10363	16710	6890	1495	972	972	3299	834	2206	314	1355	6216
1553	16525	10345	16224	7076	1501	978	978	3352	836	2224	313	1368	6315
1554	17819	11073	17366	7643	1513	995	995	3507	846	2274	318	1591	6410
1555	19871	12527	18760	7909	1525	1087	1087	3871	985	2495	362	1663	6546
1556	19276	11749	17603	7632	1590	1141	1141	3778	1016	2694	402	1605	6711
1557	17861	10669	16144	7250	1580	1092	1092	3532	989	2523	376	1488	6538
1558	16398	10135	15178	6945	1535	1006	1006	3251	880	2337	330	1373	6204

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1559	15986	9546	14637	6751	1498	966	966	3156	814	2149	306	1346	6019
1560	14516	8521	13263	6460	1326	887	887	2856	756	2023	262	1269	5817
1561	13414	7718	12034	5945	1264	843	843	2436	681	1837	216	1150	5542
1562	12727	7227	11278	5546	1219	805	805	2228	646	1765	193	1100	5347
1563	12544	6940	10833	5359	1211	799	799	2224	627	1715	188	1062	5230
1564	12689	7195	10837	5337	1209	788	788	2210	622	1752	187	1101	5184
1565	13735	8273	11942	5381	1226	839	839	2434	649	1866	212	1226	5184
1566	15702	9950	13916	5873	1435	889	889	2940	756	2158	268	1340	5427
1567	17081	10358	15099	6554	1580	972	972	3162	817	2307	309	1354	5878
1568	19610	10689	15333	6890	1905	1055	1055	3190	833	2487	382	1356	6013
1569	18730	10857	15688	7125	1729	1062	1062	3245	851	2526	402	1357	6109
1570	17679	11010	16244	7188	1601	1055	1055	3401	862	2426	389	1357	6179
1571	17080	11002	16774	7034	1553	1036	1036	3412	874	2429	366	1358	6193
1572	16639	10850	16888	6847	1504	1007	1007	3406	859	2381	350	1358	6207
1573	16417	10825	17217	6781	1481	987	987	3401	847	2361	338	1360	6159
1574	16329	10675	17303	6752	1479	983	983	3377	842	2357	330	1364	6150
1575	16249	10579	17221	6698	1476	975	975	3384	839	2341	322	1368	6126
1576	16274	10451	16772	6724	1475	976	976	3318	833	2357	316	1364	6131
1577	16579	10475	16404	6894	1481	988	988	3337	829	2404	317	1380	6205
1578	17884	11214	17226	7421	1490	1016	1016	3507	830	2439	323	1607	6294
1579	19928	12590	18139	7866	1543	1111	1111	3833	939	2634	362	1666	6402
1580	19515	11845	17113	7738	1641	1164	1164	3825	975	2828	399	1579	6569
1581	18113	10801	16046	7272	1620	1131	1131	3645	958	2637	371	1458	6427
1582	16504	10215	15315	6889	1556	1024	1024	3252	863	2423	324	1365	6168
1583	16059	9552	14712	6650	1480	971	971	3153	815	2268	303	1326	6003
1584	14667	8583	13311	6394	1405	925	925	2826	753	2100	256	1194	5843
1585	13791	7839	12174	5980	1291	865	865	2564	685	1860	223	1143	5609
1586	13212	7309	11379	5638	1264	824	824	2412	650	1755	205	1087	5402
1587	13016	7086	10922	5505	1264	817	817	2346	625	1721	198	1055	5274
1588	13243	7201	10932	5474	1278	817	817	2262	619	1731	201	1071	5243
1589	14237	8214	12084	5583	1336	865	865	2491	645	1889	218	1197	5253
1590	15825	9909	13919	5966	1446	916	916	2919	748	2196	268	1320	5472
1591	17396	10352	15185	6580	1615	995	995	3180	816	2509	308	1347	5893
1592	19846	10686	15400	6991	1895	1126	1126	3203	831	2910	370	1359	6014
1593	18701	10814	15757	7353	1764	1137	1137	3246	847	2691	394	1361	6131
1594	17498	10924	16365	7282	1622	1128	1128	3365	864	2516	377	1363	6218
1595	16783	10942	17012	7080	1571	1098	1098	3431	868	2466	364	1365	6252
1596	16317	10778	17257	6873	1529	1064	1064	3457	856	2407	355	1367	6239
1597	16110	10728	17631	6779	1521	1025	1025	3409	844	2400	341	1369	6191
1598	16074	10593	17797	6710	1518	1004	1004	3410	845	2397	333	1377	6185
1599	16038	10507	17709	6668	1514	1001	1001	3388	841	2408	322	1384	6171
1600	16040	10420	17154	6658	1514	998	998	3367	837	2394	321	1394	6170
1601	16075	10422	16635	6716	1514	1009	1009	3423	841	2429	324	1418	6218
1602	16472	11021	17355	7096	1519	1037	1037	3587	846	2467	329	1653	6263
1603	18130	12300	18373	7794	1555	1153	1153	3903	969	2737	368	1702	6389
1604	18549	11722	17318	7757	1653	1213	1213	3825	1005	3088	404	1614	6595
1605	17721	10814	16106	7334	1644	1162	1162	3602	978	2793	379	1495	6422
1606	16508	10242	15384	6951	1564	1057	1057	3274	878	2447	332	1382	6160
1607	16033	9772	14771	6646	1517	994	994	3192	814	2267	307	1350	6005
1608	14922	8783	13409	6472	1453	948	948	2999	762	2050	276	1266	5879
1609	13365	8183	12262	5981	1329	862	862	2685	698	1853	238	1136	5634
1610	12761	7636	11407	5637	1282	838	838	2507	657	1737	220	1079	5423
1611	12696	7402	10973	5514	1286	816	816	2427	633	1713	213	1061	5293
1612	13093	7549	10977	5518	1300	822	822	2450	622	1736	216	1096	5273
1613	14408	8501	11995	5616	1372	866	866	2594	648	1870	234	1229	5264
1614	16036	9892	13845	6049	1487	920	920	2948	745	2175	276	1349	5448
1615	18076	10290	14862	6637	1619	993	993	3173	807	2459	307	1361	5830
1616	20585	10770	15055	7122	1881	1189	1189	3200	830	2964	376	1367	5966
1617	19429	11021	15627	7638	1741	1204	1204	3254	854	2750	400	1367	6195
1618	17891	11185	16506	7503	1615	1179	1179	3450	880	2556	387	1368	6370
1619	16851	11141	17187	7269	1556	1129	1129	3542	889	2543	381	1371	6407
1620	16257	10940	17362	7015	1516	1058	1058	3487	870	2451	356	1372	6413
1621	16098	10822	17549	6872	1503	1013	1013	3498	851	2444	332	1375	6309
1622	16061	10672	17659	6787	1489	998	998	3474	849	2464	323	1379	6239
1623	15935	10550	17055	6736	1477	981	981	3488	835	2485	314	1379	6200
1624	15925	10341	16436	6720	1479	981	981	3364	828	2471	310	1372	6164
1625	16043	10273	15838	6779	1483	981	981	3347	818	2447	307	1385	6172
1626	16171	10713	16636	7115	1498	983	983	3468	815	2502	308	1639	6188
1627	16891	11973	17837	7589	1505	1026	1026	3902	907	2711	331	1688	6299
1628	16862	11212	16682	7526	1529	1065	1065	3782	930	2941	358	1587	6459
1629	16438	10408	15585	7166	1519	1039	1039	3527	914	2599	335	1479	6272
1630	16099	10100	14994	6856	1506	993	993	3238	852	2382	311	1388	6038
1631	15811	9567	14477	6691	1493	975	975	3173	808	2248	303	1362	5952
1632	14303	8682	13314	6512	1413	923	923	2989	767	2063	277	1291	5837
1633	13788	8115	12157	6027	1303	863	863	2688	708	1892	240	1206	5570
1634	13252	7579	11378	5675	1251	807	807	2500	658	1777	217	1120	5406
1635	13182	7259	10875	5503	1246	789	789	2395	630	1729	202	1052	5299
1636	13409	7216	10709	5460	1238	801	801	2341	617	1706	197	1067	5244
1637	13989	7570	11095	5503	1289	831	831	2429	627	1784	208	1161	5191
1638	14934	8330	11939	5732	1404	850	850	2601	670	2003	234	1168	5285
1639	15470	8821	12494	6070	1471	912	912	2698	707	2157	266	1166	5443
1640	16413	9110	13159	6391	1527	941	941	2843	740	2234	277	1251	5581

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1641	18372	9406	13296	6598	1683	1019	1019	2874	753	2368	297	1289	5689
1642	18903	9649	13669	7102	1761	1105	1105	2976	769	2436	329	1293	5806
1643	17933	9682	13880	7221	1693	1123	1123	3033	777	2413	338	1293	6000
1644	16725	9526	13851	7074	1585	1056	1056	3039	772	2327	322	1292	6024
1645	15889	9349	13671	6863	1515	1009	1009	2977	763	2270	301	1292	5935
1646	15528	9223	13503	6593	1478	959	959	2886	756	2220	287	1287	5831
1647	15462	9149	13364	6474	1467	943	943	2862	753	2198	279	1288	5766
1648	15428	9137	13289	6473	1458	940	940	2861	752	2187	277	1288	5751
1649	15462	9244	13322	6641	1468	947	947	2862	753	2190	278	1296	5789
1650	15581	9915	14222	7187	1473	967	967	2957	762	2238	286	1484	5925
1651	16350	11196	15919	7773	1495	1053	1053	3379	861	2411	323	1555	6110
1652	16317	10464	15194	7404	1563	1092	1092	3331	912	2733	357	1472	6287
1653	15783	9729	14255	6855	1526	1032	1032	3187	858	2540	336	1390	6087
1654	15471	9171	13397	6521	1478	961	961	3011	800	2286	298	1317	5878
1655	15208	8983	13149	6397	1468	937	937	2870	753	2161	277	1292	5706
1656	13878	8316	12292	6199	1385	876	876	2758	727	2018	257	1196	5654
1657	13229	7787	11557	5847	1275	854	854	2569	675	1822	222	1150	5476
1658	12556	7326	10897	5587	1217	819	819	2391	632	1720	199	1055	5281
1659	12300	7092	10424	5451	1184	812	812	2316	605	1650	182	1014	5145
1660	12419	7002	10236	5394	1216	803	803	2272	594	1674	177	1020	5101
1661	12842	7254	10381	5392	1233	831	831	2301	594	1755	186	1076	5106
1662	13646	7816	10831	5518	1346	833	833	2443	634	1930	209	1066	5154
1663	14580	8214	11052	5805	1400	868	868	2427	651	2084	239	1032	5268
1664	14946	8795	11937	6074	1494	902	902	2628	690	2115	254	1142	5335
1665	16286	8900	12396	6174	1668	914	914	2736	727	2156	262	1229	5540
1666	16895	8995	12455	6287	1634	929	929	2757	731	2163	266	1255	5627
1667	16340	9047	12541	6358	1536	935	935	2762	734	2152	266	1256	5644
1668	15433	9038	12576	6327	1442	931	931	2777	735	2135	260	1255	5683
1669	15021	8994	12567	6250	1406	930	930	2786	735	2110	260	1256	5713
1670	14832	8945	12534	6183	1400	918	918	2765	734	2105	255	1254	5694
1671	14794	8920	12521	6167	1374	910	910	2760	732	2095	254	1255	5673
1672	14781	8936	12524	6167	1360	909	909	2760	731	2096	254	1256	5683
1673	14829	9095	12655	6210	1365	915	915	2779	734	2102	255	1268	5760
1674	15347	9935	13997	6479	1397	939	939	2895	757	2136	261	1458	5887
1675	17509	11508	16017	7096	1419	1021	1021	3290	871	2257	295	1539	6120
1676	18254	10907	15545	7261	1527	1077	1077	3293	921	2251	343	1478	6412
1677	17152	10013	14420	6998	1526	1041	1041	3196	868	2410	330	1395	6303
1678	15563	9068	12971	6587	1462	957	957	2986	792	2228	293	1301	6006
1679	14804	8824	12447	6188	1396	909	909	2801	733	2091	258	1257	5693
1680	13736	8181	11900	6044	1161	868	868	2709	703	1933	239	1211	5608
1681	12519	7493	11119	5722	1134	810	810	2467	647	1762	200	1119	5415
1682	12066	7134	10528	5496	1159	783	783	2255	612	1690	179	1069	5247
1683	12169	7025	10278	5419	1190	775	775	2268	604	1648	176	1042	5167
1684	12617	7311	10507	5452	1199	776	776	2217	601	1674	185	1067	5134
1685	13933	8257	11639	5543	1303	824	824	2381	638	1816	210	1201	5201
1686	15777	9796	13612	5974	1452	884	884	2823	739	2095	261	1311	5437
1687	17442	10173	14815	6597	1567	970	970	3019	801	2251	303	1343	5876
1688	19899	10442	15042	6945	1866	1065	1065	3068	810	2500	363	1355	6028
1689	18975	10659	15573	7301	1726	1104	1104	3101	821	2547	382	1358	6220
1690	17847	10881	16381	7293	1635	1115	1115	3239	834	2516	386	1360	6382
1691	16981	10985	17064	7193	1556	1079	1079	3285	849	2495	380	1363	6479
1692	16443	10896	17349	7063	1503	1048	1048	3297	835	2409	367	1365	6481
1693	16125	10865	17623	6978	1481	1010	1010	3296	833	2361	346	1367	6379
1694	16026	10778	17658	6865	1480	987	987	3233	830	2354	333	1371	6298
1695	15996	10691	17440	6798	1468	978	978	3208	829	2323	323	1376	6265
1696	15992	10564	16922	6792	1468	973	973	3178	823	2322	314	1380	6301
1697	16007	10506	16426	6959	1476	975	975	3195	826	2322	313	1398	6427
1698	16413	10978	17527	7475	1480	991	991	3372	834	2389	316	1588	6534
1699	17985	12513	19301	7939	1492	1062	1062	3847	910	2572	350	1662	6601
1700	18281	11832	18028	7710	1560	1141	1141	3804	944	2913	397	1576	6792
1701	17285	10754	16237	7255	1556	1100	1100	3610	928	2660	374	1454	6582
1702	16144	10155	15030	6890	1511	1008	1008	3201	848	2368	325	1366	6258
1703	15761	9699	14585	6676	1480	968	968	3063	804	2211	302	1328	6023
1704	14195	8847	13418	6397	1388	910	910	2871	762	2044	266	1212	5875
1705	12777	7896	12092	5880	1202	842	842	2542	675	1834	214	1145	5573
1706	12076	7434	11279	5527	1149	804	804	2299	635	1751	193	1080	5354
1707	11882	7210	10851	5348	1126	784	784	2286	629	1688	189	1051	5249
1708	12233	7424	10967	5317	1222	790	790	2278	621	1704	193	1067	5214
1709	13524	8383	11979	5427	1239	832	832	2474	650	1807	216	1185	5223
1710	15601	9883	13810	5907	1455	888	888	2938	745	2096	266	1302	5408
1711	17698	10292	15079	6594	1597	961	961	3137	812	2230	303	1328	5785
1712	20269	10613	15299	6950	1950	1115	1115	3160	822	2304	377	1345	5991
1713	18951	10763	15624	7290	1810	1113	1113	3209	832	2320	394	1347	6141
1714	17443	10918	16224	7260	1646	1081	1081	3331	845	2305	377	1349	6241
1715	16599	11056	17163	7145	1539	1049	1049	3403	857	2306	364	1349	6295
1716	16103	10976	17390	6974	1497	1009	1009	3407	849	2277	347	1352	6309
1717	15909	10963	17696	6882	1477	984	984	3332	841	2287	330	1351	6262
1718	15854	10907	17915	6800	1472	973	973	3337	839	2284	320	1354	6218
1719	15844	10745	17701	6748	1457	960	960	3318	832	2296	312	1359	6203
1720	15845	10645	17110	6777	1449	960	960	3275	824	2302	308	1361	6187
1721	15936	10582	16493	6947	1466	965	965	3285	822	2318	307	1376	6298
1722	16701	11071	17176	7497	1470	978	978	3378	822	2367	310	1573	6378

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1723	18456	12597	18760	7909	1480	1049	1049	3871	897	2501	343	1686	6418
1724	18461	11853	17666	7739	1556	1141	1141	3805	941	2700	396	1609	6711
1725	17254	10752	16245	7284	1534	1088	1088	3521	931	2556	374	1492	6582
1726	15965	10238	15291	6929	1491	994	994	3230	856	2390	324	1369	6202
1727	15471	9632	14733	6673	1450	951	951	3141	812	2225	299	1338	5984
1728	13381	8615	13342	6385	1245	860	860	2809	752	2082	254	1258	5790
1729	12349	8079	12091	5756	1162	799	799	2435	683	1859	208	1147	5510
1730	11530	7635	11350	5342	1092	755	755	2274	651	1776	185	1092	5319
1731	11348	7364	10833	5128	1074	754	754	2231	627	1715	180	1047	5191
1732	11530	7568	10862	5102	1104	739	739	2210	622	1743	179	1082	5154
1733	12788	8479	11937	5154	1152	800	800	2448	650	1874	204	1197	5147
1734	15213	9938	13811	5708	1383	857	857	2899	753	2198	259	1293	5394
1735	16759	10320	15114	6483	1559	953	953	3127	809	2349	299	1336	5835
1736	19427	10652	15414	6865	1905	1048	1048	3160	821	2480	376	1349	5976
1737	18465	10838	16079	7247	1696	1065	1065	3217	837	2504	398	1353	6075
1738	17353	11034	17202	7190	1567	1054	1054	3352	848	2426	386	1358	6149
1739	16729	11121	18333	7065	1510	1036	1036	3399	858	2434	363	1361	6177
1740	16285	11010	18662	6892	1452	996	996	3404	847	2404	346	1366	6187
1741	16077	11018	19293	6820	1435	974	974	3391	836	2405	332	1372	6151
1742	16001	10889	19510	6780	1434	972	972	3372	829	2403	325	1382	6157
1743	15931	10807	19235	6711	1431	958	958	3387	827	2395	316	1391	6131
1744	15984	10642	18338	6721	1428	956	956	3332	820	2414	315	1386	6126
1745	16380	10611	17465	6900	1434	964	964	3343	818	2448	313	1406	6223
1746	17696	11113	18268	7375	1443	995	995	3431	817	2470	315	1628	6282
1747	19928	12608	20266	7832	1492	1071	1071	3725	896	2573	346	1737	6310
1748	19809	11901	18496	7866	1613	1164	1164	3757	947	2779	402	1623	6569
1749	18269	10868	16642	7398	1610	1120	1120	3584	933	2627	374	1478	6452
1750	16307	10269	15397	6954	1518	1011	1011	3228	851	2444	317	1367	6161
1751	15740	9771	14770	6622	1434	952	952	3138	808	2314	293	1329	5971
1752	14278	8840	13340	6368	1323	897	897	2835	746	2136	245	1207	5824
1753	12581	8105	12199	5841	1117	785	785	2530	685	1889	200	1141	5574
1754	11721	7619	11402	5435	1058	719	719	2391	648	1769	179	1078	5369
1755	11478	7436	10922	5261	1068	716	716	2310	622	1721	169	1037	5242
1756	11826	7513	10945	5226	1076	711	711	2235	619	1728	173	1039	5207
1757	13265	8394	12039	5348	1181	783	783	2470	643	1898	192	1158	5219
1758	15594	9897	13778	5810	1389	861	861	2882	740	2223	249	1261	5441
1759	17297	10305	15140	6559	1549	982	982	3132	804	2434	298	1322	5850
1760	19846	10688	15417	6971	1895	1090	1090	3169	813	2678	346	1354	5986
1761	18661	10921	16139	7385	1757	1146	1146	3248	826	2557	380	1363	6099
1762	17398	11201	17425	7375	1640	1140	1140	3408	840	2463	367	1367	6199
1763	16661	11258	18694	7184	1563	1117	1117	3518	846	2440	364	1374	6222
1764	16210	11121	19086	6956	1496	1066	1066	3582	838	2403	354	1380	6216
1765	16019	11058	19801	6852	1482	1034	1034	3502	833	2397	341	1389	6167
1766	15970	10895	20031	6775	1472	1001	1001	3453	833	2405	331	1415	6167
1767	15947	10760	19961	6713	1464	995	995	3453	831	2418	319	1439	6152
1768	15952	10612	18931	6703	1460	989	989	3424	828	2414	316	1456	6168
1769	15983	10557	17737	6773	1458	1003	1003	3444	826	2446	319	1474	6227
1770	16482	11094	18458	7114	1467	1028	1028	3506	826	2457	321	1694	6254
1771	18205	12950	20752	7758	1505	1122	1122	3903	897	2590	350	1781	6310
1772	18698	12200	18954	7794	1634	1213	1213	3860	944	2882	397	1672	6595
1773	17799	10971	16734	7364	1638	1178	1178	3620	925	2686	373	1523	6465
1774	16470	10251	15395	6982	1525	1056	1056	3245	852	2441	324	1386	6173
1775	15909	9814	14799	6666	1465	982	982	3147	805	2304	297	1350	5983
1776	14389	8904	13460	6465	1363	922	922	2939	755	2081	264	1259	5849
1777	13320	8162	12288	5933	1197	808	808	2548	695	1883	209	1159	5496
1778	12725	7625	11458	5557	1088	766	766	2345	659	1754	182	1092	5254
1779	12696	7367	10973	5397	1098	740	740	2233	632	1713	172	1058	5131
1780	13069	7452	11010	5384	1130	754	754	2264	619	1735	174	1081	5108
1781	14314	8376	11958	5466	1201	810	810	2434	642	1876	197	1195	5102
1782	15899	9785	13702	5928	1401	884	884	2838	727	2183	253	1284	5321
1783	17814	10183	14716	6510	1558	980	980	3098	787	2383	295	1329	5765
1784	20022	10696	14953	6934	1843	1151	1151	3138	802	2708	342	1355	5934
1785	18958	11012	15693	7466	1764	1204	1204	3181	823	2641	374	1364	6178
1786	17593	11263	16823	7410	1630	1197	1197	3342	849	2510	372	1366	6396
1787	16679	11373	17766	7195	1561	1154	1154	3459	866	2497	373	1374	6459
1788	16140	11149	17961	6942	1504	1076	1076	3497	852	2439	352	1383	6451
1789	15971	11016	18096	6779	1471	1019	1019	3499	833	2432	329	1396	6322
1790	15943	10857	18118	6675	1465	1000	1000	3479	832	2460	321	1410	6253
1791	15854	10686	17330	6623	1457	977	977	3490	824	2495	310	1419	6211
1792	15851	10456	16603	6611	1451	975	975	3389	817	2482	306	1404	6165
1793	15937	10343	15956	6701	1456	976	976	3348	808	2470	302	1414	6163
1794	16029	10611	16656	7087	1464	979	979	3436	800	2487	302	1621	6159
1795	16676	12141	18459	7636	1470	1020	1020	3808	868	2585	317	1701	6179
1796	16734	11388	17068	7620	1500	1074	1074	3695	904	2833	347	1586	6401
1797	16318	10438	15677	7170	1487	1052	1052	3469	891	2572	325	1463	6233
1798	15970	10099	14904	6779	1471	996	996	3184	834	2394	301	1378	6007
1799	15693	9603	14408	6583	1453	969	969	3120	791	2274	292	1353	5921
1800	14094	8812	13207	6381	1356	905	905	2883	754	2094	257	1273	5758
1801	13183	8088	12109	5953	1271	844	844	2632	690	1924	219	1178	5489
1802	12474	7550	11320	5606	1206	771	771	2437	636	1798	190	1089	5282
1803	12384	7196	10815	5423	1185	749	749	2336	606	1731	169	1027	5181
1804	12624	7110	10596	5362	1194	760	760	2261	590	1706	163	1024	5115

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1805	13328	7478	10985	5409	1261	798	798	2360	598	1763	177	1090	5067
1806	14551	8198	11772	5639	1367	822	822	2519	642	1960	211	1060	5170
1807	15256	8763	12338	5979	1428	893	893	2610	673	2125	250	1108	5323
1808	16229	9130	13140	6350	1496	930	930	2801	722	2175	264	1219	5502
1809	18306	9346	13292	6520	1678	1017	1017	2838	740	2254	279	1276	5650
1810	18903	9586	13638	7049	1761	1104	1104	2930	752	2329	303	1282	5776
1811	17945	9633	13877	7210	1683	1123	1123	2994	761	2328	310	1285	5995
1812	16687	9536	13889	7105	1552	1048	1048	3020	758	2278	298	1284	6012
1813	15777	9392	13728	6931	1473	999	999	2959	751	2247	282	1285	5915
1814	15357	9278	13582	6644	1432	948	948	2864	746	2211	271	1283	5809
1815	15257	9210	13444	6516	1420	931	931	2829	742	2202	265	1284	5747
1816	15236	9195	13362	6528	1410	929	929	2823	741	2207	264	1286	5730
1817	15256	9300	13381	6739	1418	930	930	2823	743	2212	264	1299	5761
1818	15367	9796	14036	7271	1428	943	943	2887	748	2256	268	1462	5878
1819	16059	11206	15919	7773	1446	1003	1003	3315	825	2341	289	1577	5971
1820	16216	10561	15254	7529	1544	1081	1081	3291	889	2608	326	1485	6287
1821	15622	9765	14300	6934	1513	1030	1030	3143	842	2463	314	1387	6115
1822	15258	9224	13440	6543	1436	958	958	2965	787	2275	283	1310	5882
1823	14893	9034	13180	6384	1420	926	926	2837	741	2172	264	1281	5677
1824	13132	8387	12334	6193	1293	836	836	2730	718	2041	239	1219	5618
1825	12673	7746	11523	5769	1245	804	804	2528	663	1866	205	1161	5444
1826	11783	7204	10789	5440	1225	739	739	2315	617	1751	178	1076	5237
1827	11439	6913	10233	5278	1197	717	717	2225	589	1661	160	1031	5105
1828	11484	6806	10075	5200	1189	708	708	2181	576	1650	154	1008	5063
1829	11975	7062	10197	5214	1188	744	744	2215	580	1691	161	1057	5083
1830	13001	7588	10562	5359	1301	756	756	2359	619	1827	188	978	5129
1831	14178	8077	10830	5689	1343	820	820	2334	631	1980	220	977	5199
1832	14580	8735	11851	6011	1427	878	878	2563	676	2061	238	1105	5285
1833	15494	8855	12348	6124	1625	896	896	2661	711	2074	246	1211	5517
1834	15961	8977	12416	6239	1644	917	917	2677	714	2091	251	1240	5601
1835	15628	9036	12519	6314	1570	919	919	2684	717	2095	250	1241	5624
1836	15013	9020	12561	6283	1416	916	916	2705	718	2095	245	1241	5674
1837	14744	8975	12551	6196	1373	913	913	2712	719	2083	244	1243	5705
1838	14539	8918	12512	6140	1345	898	898	2681	717	2082	240	1243	5680
1839	14513	8885	12486	6121	1339	888	888	2676	715	2074	238	1244	5659
1840	14508	8899	12482	6120	1329	887	887	2676	714	2079	238	1247	5675
1841	14532	9046	12612	6192	1324	890	890	2681	716	2091	239	1264	5762
1842	14887	9734	13688	6404	1342	906	906	2756	725	2131	243	1419	5866
1843	16350	11508	16017	6888	1350	967	967	3253	814	2220	262	1539	6011
1844	17258	11014	15594	7125	1438	1056	1056	3279	893	2483	310	1468	6412
1845	16543	10055	14485	6893	1442	1029	1029	3179	851	2407	305	1376	6364
1846	15256	9043	12968	6511	1377	942	942	2955	778	2214	273	1277	6037
1847	14520	8780	12399	6128	1328	887	887	2731	717	2074	241	1241	5675
1848	13431	8070	11824	5959	1121	821	821	2611	689	1920	217	1176	5580
1849	12512	7438	10954	5624	1134	793	793	2397	628	1773	178	1117	5383
1850	12066	7068	10384	5398	1143	766	766	2235	592	1691	159	1062	5200
1851	12151	6965	10131	5291	1157	756	756	2224	582	1648	156	1028	5119
1852	12532	7260	10281	5318	1165	762	762	2189	578	1676	161	1051	5081
1853	13798	8147	11457	5414	1246	803	803	2352	617	1816	187	1163	5151
1854	15667	9649	13426	5843	1395	863	863	2743	715	2125	239	1238	5394
1855	16897	10133	14714	6494	1486	962	962	2949	780	2278	290	1295	5812
1856	18817	10366	15000	6775	1727	1005	1005	3018	791	2372	312	1323	5990
1857	18263	10655	15541	7147	1669	1044	1044	3044	809	2382	327	1333	6186
1858	17519	10935	16454	7273	1591	1065	1065	3171	829	2380	337	1338	6423
1859	16871	11031	17284	7261	1541	1047	1047	3219	848	2394	338	1346	6534
1860	16426	10971	17620	7125	1481	1030	1030	3257	837	2377	333	1353	6566
1861	16160	10947	17898	7004	1450	1002	1002	3266	827	2369	324	1362	6461
1862	16059	10865	17983	6869	1446	985	985	3237	828	2392	319	1375	6376
1863	16001	10749	17701	6783	1445	978	978	3212	825	2385	313	1385	6327
1864	15989	10612	17129	6770	1445	973	973	3177	816	2384	305	1387	6361
1865	16033	10528	16508	6958	1446	978	978	3184	813	2385	305	1393	6497
1866	16450	10820	17201	7433	1454	993	993	3264	811	2396	307	1538	6571
1867	17742	12522	19301	7813	1487	1043	1043	3684	884	2454	322	1662	6505
1868	18282	11922	18005	7811	1613	1119	1119	3662	944	2648	348	1567	6792
1869	17333	10830	16255	7355	1580	1092	1092	3487	923	2508	337	1439	6624
1870	16183	10139	15007	6920	1511	1005	1005	3127	838	2350	307	1341	6271
1871	15798	9734	14573	6630	1449	965	965	3013	787	2264	290	1307	5989
1872	14447	8954	13367	6379	1403	915	915	2810	740	2094	259	1208	5845
1873	12793	7970	12027	5841	1170	833	833	2563	678	1859	209	1123	5539
1874	12048	7461	11221	5482	1154	795	795	2319	644	1767	190	1060	5312
1875	11882	7210	10784	5302	1126	771	771	2301	630	1690	184	1024	5205
1876	12277	7410	10901	5240	1200	781	781	2278	621	1688	187	1041	5156
1877	13587	8401	11904	5360	1262	819	819	2445	647	1801	209	1150	5159
1878	15614	9876	13582	5846	1454	881	881	2882	729	2125	257	1244	5353
1879	17351	10325	14928	6541	1542	956	956	3086	791	2267	294	1293	5710
1880	19120	10636	15241	6981	1700	1070	1070	3116	800	2346	321	1319	5940
1881	18101	10852	15541	7410	1641	1064	1064	3154	812	2346	332	1331	6120
1882	16967	11048	16220	7400	1566	1048	1048	3227	826	2340	324	1334	6267
1883	16332	11203	17227	7222	1510	1027	1027	3287	842	2357	320	1336	6349
1884	15952	11087	17534	6967	1492	995	995	3296	835	2338	317	1341	6374
1885	15819	11080	17869	6859	1480	977	977	3270	828	2358	310	1343	6316
1886	15785	11012	18158	6764	1477	968	968	3265	828	2362	306	1349	6240

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1887	15771	10843	17892	6698	1470	956	956	3268	822	2386	301	1353	6224
1888	15771	10732	17256	6713	1458	955	955	3239	813	2397	299	1358	6199
1889	15799	10648	16588	6887	1470	957	957	3240	809	2395	299	1371	6337
1890	16141	10963	16943	7406	1476	964	964	3309	805	2420	300	1540	6411
1891	17244	12758	18760	7842	1480	1005	1005	3679	878	2491	314	1686	6318
1892	17645	12042	17640	7909	1538	1091	1091	3646	941	2700	346	1610	6711
1893	16921	10901	16209	7387	1529	1058	1058	3433	931	2575	335	1490	6628
1894	15914	10303	15243	6938	1500	982	982	3205	849	2388	308	1360	6194
1895	15492	9786	14686	6618	1473	948	948	3106	793	2256	292	1327	5937
1896	13325	8807	13284	6319	1326	858	858	2855	749	2080	255	1257	5733
1897	12041	8131	12067	5733	1176	783	783	2456	683	1871	209	1121	5477
1898	11184	7635	11335	5323	1074	733	733	2287	653	1766	186	1068	5299
1899	11094	7364	10833	5130	1082	737	737	2223	630	1715	179	1036	5171
1900	11390	7524	10859	5102	1109	720	720	2210	622	1723	181	1069	5125
1901	12906	8458	11893	5173	1190	788	788	2458	648	1850	206	1185	5121
1902	15351	9928	13674	5689	1414	853	853	2887	739	2171	258	1265	5362
1903	17276	10345	15063	6436	1546	944	944	3112	793	2312	294	1339	5770
1904	19928	10659	15368	6829	1746	1062	1062	3153	802	2438	329	1357	5917
1905	18488	10827	16010	7263	1638	1077	1077	3199	817	2451	342	1374	6030
1906	17156	11049	17238	7216	1534	1059	1059	3313	829	2394	341	1379	6127
1907	16428	11130	18452	7058	1501	1039	1039	3361	843	2418	333	1386	6170
1908	15994	11028	18833	6919	1463	995	995	3378	834	2389	321	1395	6179
1909	15815	11040	19526	6778	1451	969	969	3366	826	2395	314	1403	6146
1910	15753	10924	19835	6728	1449	965	965	3346	822	2393	310	1415	6155
1911	15723	10869	19512	6654	1440	950	950	3339	821	2387	304	1422	6116
1912	15729	10699	18568	6658	1441	946	946	3314	813	2402	303	1420	6109
1913	15870	10655	17517	6794	1447	951	951	3312	810	2410	301	1438	6218
1914	16616	10951	17704	7207	1451	973	973	3357	803	2430	300	1594	6261
1915	18359	12608	20266	7632	1464	1032	1032	3638	865	2532	311	1737	6209
1916	18926	11976	18679	7795	1532	1164	1164	3659	938	2773	346	1633	6534
1917	17747	10969	16708	7373	1544	1117	1117	3508	925	2595	334	1502	6468
1918	16083	10323	15363	6909	1497	1007	1007	3213	844	2402	304	1392	6145
1919	15518	9869	14745	6570	1450	942	942	3134	796	2274	289	1362	5916
1920	13604	8875	13348	6314	1325	876	876	2835	749	2075	244	1268	5784
1921	12461	8171	12093	5849	1145	774	774	2461	681	1898	197	1166	5513
1922	11652	7666	11265	5453	1058	721	721	2341	641	1791	176	1089	5318
1923	11478	7447	10768	5249	1069	711	711	2257	612	1732	166	1034	5183
1924	11757	7504	10793	5226	1083	717	717	2200	613	1721	169	1033	5142
1925	13122	8407	11815	5338	1191	779	779	2413	637	1858	188	1158	5157
1926	15382	9897	13641	5791	1401	859	859	2820	726	2149	245	1241	5384
1927	17148	10353	15021	6477	1566	968	968	3097	789	2306	289	1320	5767
1928	19846	10706	15346	6849	1895	1089	1089	3137	799	2423	328	1353	5921
1929	18659	10996	16032	7236	1750	1135	1135	3225	813	2397	353	1361	6064
1930	17359	11345	17368	7249	1617	1133	1133	3401	833	2385	343	1364	6192
1931	16614	11468	18764	7102	1554	1106	1106	3534	847	2404	339	1374	6216
1932	16106	11347	19330	6880	1487	1053	1053	3612	835	2394	327	1381	6217
1933	15875	11294	20034	6800	1475	1018	1018	3551	832	2395	315	1387	6150
1934	15788	11169	20255	6731	1463	987	987	3508	832	2409	309	1404	6146
1935	15770	11038	20230	6680	1455	981	981	3524	827	2447	304	1421	6136
1936	15772	10841	19069	6666	1451	973	973	3472	819	2468	300	1426	6163
1937	15814	10731	17603	6735	1447	990	990	3469	811	2527	302	1425	6243
1938	16359	11024	17923	7035	1456	1007	1007	3468	805	2513	301	1615	6250
1939	18172	12950	20752	7528	1468	1089	1089	3903	870	2620	317	1781	6222
1940	19054	12262	18949	7727	1565	1213	1213	3888	944	2882	352	1667	6595
1941	18013	11024	16714	7343	1587	1170	1170	3666	932	2689	339	1510	6527
1942	16375	10338	15335	6955	1492	1046	1046	3232	851	2443	306	1377	6170
1943	15724	9880	14734	6610	1454	968	968	3115	792	2286	288	1334	5921
1944	14246	8891	13349	6443	1326	906	906	2874	748	2124	251	1216	5775
1945	13334	8182	12054	5915	1198	793	793	2545	680	1905	206	1158	5467
1946	12767	7659	11181	5552	1088	757	757	2326	637	1781	182	1088	5233
1947	12764	7367	10626	5397	1108	740	740	2233	602	1713	172	1052	5135
1948	13160	7414	10632	5384	1163	757	757	2259	586	1739	174	1063	5102
1949	14286	8302	11651	5463	1235	806	806	2419	612	1858	197	1174	5115
1950	15673	9667	13458	5880	1408	881	881	2794	711	2149	247	1227	5314
1951	17788	10121	14621	6416	1553	972	972	3044	773	2309	286	1296	5701
1952	20022	10592	14909	6857	1843	1125	1125	3097	789	2567	319	1327	5860
1953	18784	11013	15679	7440	1806	1191	1191	3165	808	2573	351	1336	6124
1954	17387	11395	16891	7393	1675	1204	1204	3361	830	2508	356	1340	6343
1955	16491	11608	18016	7173	1606	1188	1188	3515	850	2521	359	1350	6420
1956	15909	11392	18228	6887	1530	1109	1109	3527	835	2488	339	1368	6440
1957	15717	11285	18324	6702	1484	1040	1040	3508	820	2507	318	1387	6289
1958	15686	11142	18370	6569	1470	1018	1018	3483	826	2537	310	1412	6244
1959	15582	10938	17707	6510	1467	987	987	3498	820	2564	301	1433	6207
1960	15538	10628	16791	6499	1466	976	976	3367	812	2536	296	1412	6145
1961	15637	10427	16026	6547	1467	979	979	3324	802	2562	292	1397	6162
1962	15708	10523	16477	6836	1469	985	985	3444	794	2535	291	1554	6141
1963	16220	12141	18459	7322	1480	1028	1028	3808	852	2564	300	1701	6090
1964	16558	11465	17188	7636	1521	1106	1106	3769	904	2833	326	1576	6321
1965	16163	10449	15668	7210	1503	1065	1065	3523	883	2554	311	1435	6213
1966	15738	10103	14881	6758	1477	995	995	3160	825	2361	291	1347	5947
1967	15527	9667	14347	6487	1453	965	965	3079	783	2260	283	1320	5801
1968	14236	8849	13034	6305	1383	901	901	2851	742	2098	254	1230	5696

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
1969	13026	8137	11999	5875	1268	821	821	2576	681	1917	215	1146	5438
1970	12407	7550	11150	5526	1185	766	766	2384	628	1794	184	1069	5239
1971	12384	7197	10617	5324	1208	749	749	2278	598	1731	168	1009	5132
1972	12687	7110	10411	5263	1238	759	759	2213	582	1706	163	1000	5077
1973	13442	7443	10782	5310	1284	802	802	2327	588	1737	176	1059	5037
1974	14581	8097	11493	5513	1381	824	824	2447	630	1910	207	984	5141
1975	14997	8712	12169	5837	1423	897	897	2550	657	2058	242	1063	5252
1976	16685	9159	13070	6217	1515	931	931	2781	715	2130	258	1188	5451
1977	18872	9346	13247	6428	1692	1014	1014	2818	736	2177	271	1249	5602
1978	18903	9600	13643	6993	1761	1106	1106	2910	748	2265	295	1258	5708
1979	17403	9670	13932	7073	1643	1123	1123	2968	762	2297	302	1264	5897
1980	15937	9601	13972	6902	1523	1053	1053	3024	755	2273	292	1267	5913
1981	15096	9465	13779	6745	1443	1004	1004	2965	750	2245	278	1268	5840
1982	14895	9345	13638	6465	1419	950	950	2863	745	2207	266	1267	5754
1983	14791	9275	13459	6335	1398	932	932	2826	741	2203	260	1270	5708
1984	14724	9257	13368	6339	1375	930	930	2809	740	2205	259	1273	5689
1985	14817	9348	13364	6528	1388	930	930	2811	743	2219	259	1286	5722
1986	14906	9678	13917	7032	1411	939	939	2870	750	2266	262	1417	5809
1987	15445	11263	15919	7625	1425	985	985	3315	821	2319	276	1577	5801
1988	15985	10699	15307	7773	1520	1093	1093	3306	889	2608	316	1484	6092
1989	15384	9840	14247	7076	1510	1031	1031	3150	837	2453	308	1374	6011
1990	14905	9273	13407	6543	1431	957	957	2966	781	2241	278	1290	5800
1991	14564	9082	13126	6251	1415	925	925	2824	737	2133	258	1257	5625
1992	12563	8402	12278	6083	1321	825	825	2730	712	2021	239	1211	5565
1993	12511	7729	11467	5707	1280	792	792	2525	661	1875	203	1145	5380
1994	11731	7167	10769	5419	1251	727	727	2331	616	1777	177	1071	5167
1995	11439	6905	10233	5285	1244	708	708	2258	587	1701	160	1035	5038
1996	11448	6806	10075	5200	1246	711	711	2181	576	1678	154	1002	4978
1997	11940	7021	10137	5220	1252	750	750	2249	583	1700	159	1037	5007
1998	12959	7563	10437	5378	1320	770	770	2339	622	1795	185	966	5053
1999	13990	8020	10646	5632	1332	835	835	2319	628	1903	214	964	5083
2000	14389	8730	11694	5899	1399	880	880	2559	675	1991	231	1063	5215
2001	15821	8888	12257	5999	1493	896	896	2648	703	2027	237	1182	5466
2002	16347	9030	12346	6171	1476	919	919	2664	706	2038	243	1219	5544
2003	15783	9130	12459	6285	1425	921	921	2676	709	2052	246	1221	5566
2004	14851	9137	12529	6227	1358	914	914	2691	711	2064	240	1223	5609
2005	14422	9094	12536	6096	1339	914	914	2699	712	2054	239	1229	5628
2006	14168	9015	12498	6019	1330	897	897	2668	710	2059	234	1231	5610
2007	14117	8966	12472	5990	1313	887	887	2661	708	2052	232	1238	5598
2008	14081	8983	12469	5988	1305	885	885	2661	708	2062	231	1242	5619
2009	14152	9125	12575	6051	1288	887	887	2665	709	2078	232	1268	5688
2010	14298	9678	13375	6232	1323	896	896	2705	718	2131	233	1386	5737
2011	15488	11366	15356	6669	1329	929	929	3173	797	2197	242	1539	5779
2012	16832	11508	15586	7035	1354	998	998	3236	893	2483	279	1535	6101
2013	16732	10514	14489	7070	1355	1003	1003	3121	845	2406	295	1402	6129
2014	15153	9215	12951	6637	1333	936	936	2893	763	2194	269	1272	5856
2015	14163	8850	12333	6028	1283	886	886	2686	707	2039	235	1220	5579
2016	13026	8126	11807	5875	1085	814	814	2577	678	1938	210	1167	5515
2017	12536	7537	11033	5527	1017	768	768	2401	618	1804	179	1113	5283
2018	12066	7121	10442	5311	1024	733	733	2218	587	1711	160	1052	5109
2019	12112	6965	10131	5198	1040	725	725	2196	578	1669	156	1015	5033
2020	12426	7213	10277	5229	1054	741	741	2189	578	1679	160	1028	5009
2021	13530	8096	11374	5325	1128	784	784	2316	630	1800	184	1128	5110
2022	15200	9549	13264	5770	1350	849	849	2716	730	2073	232	1204	5414
2023	16469	10135	14608	6390	1466	956	956	2939	777	2246	280	1270	5813
2024	18584	10385	14931	6804	1725	1007	1007	3000	786	2276	309	1309	5948
2025	17993	10764	15375	7431	1631	1051	1051	3045	802	2304	326	1324	6148
2026	17179	11220	16306	7604	1560	1067	1067	3215	823	2330	336	1331	6352
2027	16511	11424	17160	7538	1523	1057	1057	3288	835	2375	347	1348	6479
2028	16000	11387	17591	7236	1461	1034	1034	3312	828	2381	340	1360	6481
2029	15691	11393	17913	7050	1429	1004	1004	3317	819	2378	324	1382	6410
2030	15574	11340	18106	6846	1420	983	983	3280	822	2416	324	1406	6334
2031	15505	11175	17845	6692	1416	976	976	3263	820	2426	314	1430	6293
2032	15485	10946	17307	6650	1416	969	969	3223	809	2433	304	1432	6340
2033	15517	10739	16521	6863	1416	974	974	3205	806	2436	301	1430	6420
2034	15839	10847	16558	7426	1420	988	988	3211	803	2427	300	1535	6376
2035	16874	12498	18080	7687	1441	1025	1025	3575	860	2443	311	1662	6282
2036	17562	12522	17787	7813	1526	1107	1107	3684	922	2651	337	1634	6591
2037	16986	11184	16265	7554	1526	1102	1102	3566	895	2515	339	1476	6503
2038	15755	10171	14989	6954	1465	1011	1011	3183	815	2344	305	1339	6147
2039	15351	9805	14599	6499	1417	958	958	2997	779	2245	281	1306	5939
2040	14198	9005	13470	6245	1344	909	909	2813	727	2110	252	1215	5768
2041	12794	8053	12120	5796	1190	830	830	2525	645	1904	210	1132	5437
2042	12080	7514	11289	5466	1186	792	792	2273	609	1819	190	1067	5197
2043	11882	7234	10784	5301	1155	771	771	2264	591	1737	184	1024	5100
2044	12152	7374	10844	5240	1223	775	775	2249	588	1735	186	1024	5048
2045	13255	8248	11853	5334	1253	815	815	2411	636	1816	205	1116	5119
2046	15072	9702	13462	5774	1418	879	879	2829	735	2103	249	1205	5403
2047	16713	10260	14863	6381	1524	953	953	3076	785	2255	284	1257	5772
2048	18710	10583	15235	6813	1761	1076	1076	3110	793	2283	327	1293	5908
2049	17871	10925	15523	7328	1691	1090	1090	3171	808	2297	349	1308	6051
2050	16694	11432	16301	7366	1599	1078	1078	3258	822	2312	338	1316	6175



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2051	16016	11580	17496	7156	1523	1052	1052	3329	831	2346	333	1322	6230
2052	15582	11578	17952	6891	1498	1012	1012	3311	826	2346	329	1333	6226
2053	15398	11559	18330	6761	1463	991	991	3296	820	2377	318	1346	6195
2054	15319	11507	18751	6666	1452	970	970	3292	820	2399	310	1363	6138
2055	15297	11264	18459	6596	1451	958	958	3292	816	2434	302	1375	6129
2056	15293	11046	17700	6587	1447	953	953	3242	807	2452	297	1385	6123
2057	15309	10836	16826	6714	1451	955	955	3216	800	2453	296	1397	6200
2058	15608	10947	16712	7106	1452	960	960	3243	795	2462	297	1532	6174
2059	16452	12758	18079	7290	1454	982	982	3560	851	2482	314	1686	6091
2060	17008	12576	17773	7398	1511	1057	1057	3662	922	2700	361	1666	6409
2061	16725	11192	16346	7215	1521	1052	1052	3473	905	2569	358	1514	6370
2062	15557	10273	15244	6860	1488	983	983	3229	821	2387	311	1346	6066
2063	15156	9834	14728	6470	1449	946	946	3097	783	2252	283	1306	5893
2064	13551	8875	13342	6240	1339	856	856	2835	719	2107	250	1228	5627
2065	12010	8174	12180	5691	1171	778	778	2547	653	1916	209	1125	5338
2066	11190	7662	11437	5320	1074	731	731	2374	621	1820	187	1067	5141
2067	11094	7364	10925	5134	1085	732	732	2294	598	1755	179	1036	5016
2068	11348	7476	10965	5102	1104	720	720	2266	592	1744	179	1054	4972
2069	12738	8336	11864	5171	1190	782	782	2458	640	1845	200	1141	5021
2070	15011	9811	13578	5646	1391	851	851	2863	743	2128	247	1211	5359
2071	16641	10295	14955	6299	1554	943	943	3091	787	2271	285	1278	5767
2072	18928	10647	15279	6667	1819	1010	1010	3141	795	2324	333	1321	5883
2073	17961	10902	15986	7088	1727	1022	1022	3217	809	2364	357	1348	6005
2074	16783	11258	17455	7040	1581	1014	1014	3376	821	2355	358	1357	6113
2075	16161	11455	18977	6895	1524	1004	1004	3455	835	2406	354	1374	6159
2076	15698	11334	19431	6752	1469	978	978	3483	827	2399	339	1395	6149
2077	15493	11369	19939	6627	1442	961	961	3446	823	2417	327	1411	6136
2078	15408	11211	20266	6569	1440	958	958	3423	821	2420	321	1433	6134
2079	15377	11111	19794	6488	1438	949	949	3419	821	2428	311	1450	6091
2080	15377	10871	18831	6465	1438	946	946	3381	813	2452	309	1442	6089
2081	15417	10785	17539	6537	1439	948	948	3387	806	2454	305	1463	6171
2082	15780	10983	17280	6800	1440	957	957	3441	797	2465	301	1588	6151
2083	16796	12608	19460	7055	1451	985	985	3752	845	2530	312	1764	6078
2084	17449	12534	19000	7223	1513	1042	1042	3825	938	2773	365	1722	6432
2085	17087	11349	16981	7124	1554	1035	1035	3645	909	2607	364	1540	6410
2086	15770	10316	15289	6755	1504	979	979	3258	824	2401	311	1381	6070
2087	15265	9935	14764	6410	1439	941	941	3131	786	2265	283	1344	5868
2088	13745	9016	13481	6196	1347	881	881	2898	726	2099	249	1278	5672
2089	12446	8200	12129	5702	1133	772	772	2456	666	1926	200	1178	5385
2090	11666	7690	11320	5290	1058	719	719	2313	627	1820	177	1103	5171
2091	11478	7447	10768	5067	1063	715	715	2248	596	1754	166	1049	5051
2092	11763	7500	10776	5049	1086	711	711	2200	599	1737	168	1033	5006
2093	13026	8352	11736	5175	1205	774	774	2381	640	1862	186	1129	5062
2094	15173	9822	13544	5633	1402	853	853	2815	734	2122	239	1206	5385
2095	16366	10334	14946	6331	1528	968	968	3110	783	2279	284	1286	5757
2096	18101	10780	15277	6768	1733	1021	1021	3169	792	2346	317	1332	5868
2097	17439	11212	16033	7229	1633	1046	1046	3220	805	2352	343	1341	6063
2098	16630	11755	17586	7246	1558	1048	1048	3342	823	2362	335	1346	6192
2099	16139	12019	19158	7070	1519	1038	1038	3408	838	2397	333	1369	6191
2100	15801	11874	19774	6785	1489	1011	1011	3464	831	2387	327	1385	6200
2101	15627	11828	20433	6701	1478	992	992	3447	832	2401	316	1397	6155
2102	15555	11691	20752	6595	1474	979	979	3413	833	2418	309	1424	6153
2103	15533	11493	20709	6521	1468	976	976	3415	829	2465	303	1445	6126
2104	15524	11200	19458	6498	1465	971	971	3398	819	2490	297	1447	6129
2105	15543	10948	17797	6554	1462	979	979	3392	807	2545	298	1438	6179
2106	15709	11106	17586	6811	1468	987	987	3376	798	2531	297	1590	6089
2107	16449	12950	19755	7179	1476	1016	1016	3567	852	2605	306	1781	6038
2108	17070	12884	19178	7450	1516	1071	1071	3643	944	2882	331	1746	6402
2109	16912	11456	16978	7325	1552	1070	1070	3534	919	2693	334	1556	6376
2110	15991	10341	15275	6951	1501	1015	1015	3258	828	2448	305	1372	6013
2111	15521	9950	14760	6474	1468	969	969	3161	783	2277	283	1328	5844
2112	14416	8942	13442	6331	1381	921	921	2950	734	2135	251	1233	5630
2113	13292	8222	12087	5849	1232	785	785	2574	666	1927	206	1166	5338
2114	12764	7670	11207	5518	1088	746	746	2347	624	1809	182	1091	5125
2115	12795	7367	10626	5382	1109	740	740	2233	595	1737	172	1054	5022
2116	13250	7374	10626	5342	1198	749	749	2251	586	1746	173	1052	4973
2117	14348	8210	11591	5415	1260	807	807	2388	627	1851	196	1143	5007
2118	15476	9555	13355	5817	1431	883	883	2822	732	2125	244	1199	5193
2119	17248	10104	14551	6299	1548	976	976	3077	778	2270	283	1266	5513
2120	18897	10621	14855	6765	1736	1066	1066	3133	793	2425	314	1307	5719
2121	17955	11179	15679	7298	1738	1111	1111	3184	820	2497	346	1321	5896
2122	16811	11714	16981	7337	1650	1109	1109	3297	845	2493	352	1327	6109
2123	16088	12141	18186	7110	1587	1099	1099	3371	862	2526	352	1346	6197
2124	15642	11895	18379	6808	1538	1052	1052	3411	844	2508	331	1375	6243
2125	15491	11760	18459	6626	1513	1013	1013	3394	826	2556	315	1406	6092
2126	15465	11641	18437	6478	1504	999	999	3368	828	2580	308	1442	6056
2127	15351	11335	17775	6400	1493	984	984	3364	822	2613	300	1467	6015
2128	15254	10902	16799	6382	1492	976	976	3303	815	2570	295	1445	5972
2129	15323	10589	15998	6418	1492	977	977	3288	804	2608	291	1418	6001
2130	15464	10516	16079	6639	1493	978	978	3329	798	2556	289	1543	5951
2131	15592	11932	17462	6918	1500	988	988	3476	849	2549	293	1701	5865
2132	15786	11754	17153	7166	1508	1016	1016	3548	914	2833	311	1666	6062

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2133	15724	10624	15725	6987	1509	1016	1016	3429	881	2588	307	1480	6037
2134	15499	10103	14841	6605	1498	989	989	3211	815	2379	290	1347	5805
2135	15284	9743	14371	6364	1478	969	969	3123	782	2257	282	1314	5657
2136	13923	8889	13141	6177	1397	899	899	2913	735	2108	256	1243	5555
2137	13044	8197	12035	5784	1275	820	820	2588	674	1939	215	1146	5316
2138	12499	7574	11185	5461	1185	756	756	2374	621	1814	183	1070	5114
2139	12449	7222	10631	5282	1221	749	749	2272	588	1759	168	1011	5016
2140	12723	7110	10411	5225	1258	765	765	2213	582	1729	163	997	4964
2141	13383	7442	10755	5276	1324	820	820	2327	596	1763	176	1050	4950
2142	14345	8080	11425	5450	1405	846	846	2414	644	1910	207	984	5043
2143	14660	8688	12112	5734	1434	909	909	2526	671	2035	241	1047	5149
2144	15584	9202	13041	6079	1549	929	929	2787	727	2120	256	1180	5398
2145	16703	9417	13245	6222	1662	993	993	2822	743	2161	279	1241	5519
2146	16727	9782	13773	6562	1699	1050	1050	2900	758	2252	318	1251	5680
2147	15949	9903	14207	6636	1581	1060	1060	2957	773	2289	328	1261	5907
2148	15182	9854	14288	6532	1481	1008	1008	3030	762	2277	310	1265	5914
2149	14720	9687	14052	6414	1430	970	970	2971	756	2249	286	1264	5803
2150	14589	9532	13843	6274	1417	935	935	2877	751	2211	266	1264	5705
2151	14488	9420	13598	6179	1376	927	927	2839	748	2208	258	1267	5653
2152	14384	9390	13457	6169	1362	924	924	2820	747	2209	256	1270	5639
2153	14454	9497	13431	6249	1369	925	925	2823	754	2224	256	1283	5670
2154	14584	9785	13899	6483	1401	927	927	2878	769	2259	259	1386	5710
2155	14708	11263	15781	6721	1419	936	936	3306	838	2295	271	1577	5653
2156	14967	11062	15878	6837	1438	975	975	3279	908	2608	313	1562	5945
2157	14813	10189	14668	6605	1444	968	968	3192	847	2470	324	1423	5959
2158	14593	9428	13520	6311	1423	937	937	2995	783	2247	288	1304	5710
2159	14257	9174	13137	6117	1406	916	916	2849	742	2130	256	1246	5529
2160	12384	8527	12346	5984	1270	789	789	2760	711	2033	237	1216	5461
2161	12398	7778	11521	5608	1252	789	789	2549	661	1885	202	1145	5281
2162	11668	7216	10797	5315	1181	731	731	2350	617	1781	176	1068	5101
2163	11439	6937	10286	5133	1151	718	718	2266	589	1710	159	1025	4992
2164	11442	6806	10075	5037	1182	708	708	2181	576	1678	154	1001	4942
2165	11882	6980	10152	5067	1197	750	750	2262	588	1695	159	1032	4971
2166	12816	7447	10415	5237	1301	775	775	2353	631	1784	183	967	5021
2167	13728	7852	10603	5495	1325	828	828	2329	637	1872	212	964	5028
2168	14062	8623	11644	5778	1417	870	870	2617	683	1970	229	1058	5196
2169	15034	8839	12213	5877	1547	889	889	2664	704	2018	235	1178	5404
2170	15527	8981	12316	6042	1531	927	927	2677	707	2029	243	1213	5443
2171	15183	9102	12431	6117	1452	927	927	2707	711	2048	246	1216	5492
2172	14545	9114	12504	6079	1362	911	911	2719	711	2063	240	1219	5554
2173	14190	9086	12505	5980	1337	911	911	2729	712	2051	239	1226	5568
2174	13945	8999	12476	5905	1325	886	886	2696	709	2050	232	1227	5537
2175	13910	8947	12435	5866	1304	873	873	2677	707	2043	229	1233	5527
2176	13881	8957	12426	5859	1296	872	872	2673	707	2053	229	1235	5553
2177	13921	9093	12516	5907	1295	872	872	2676	709	2068	229	1252	5597
2178	13995	9481	13054	6043	1324	878	878	2710	715	2114	230	1317	5595
2179	14599	10572	14394	6261	1328	900	900	3090	773	2167	234	1438	5598
2180	15545	11307	15382	6550	1390	975	975	3237	876	2469	263	1539	5963
2181	15856	10569	14534	6783	1402	1020	1020	3202	826	2411	294	1415	6105
2182	14780	9277	13021	6449	1351	945	945	2984	747	2191	274	1278	5767
2183	13935	8827	12308	5908	1305	873	873	2720	705	2030	233	1215	5467
2184	13149	8198	11866	5767	1085	802	802	2605	669	1939	208	1174	5408
2185	12119	7583	11083	5418	1060	767	767	2414	613	1809	180	1121	5212
2186	11589	7157	10461	5199	1017	735	735	2289	588	1707	161	1061	5061
2187	11631	6965	10131	5102	1038	725	725	2212	578	1664	156	1015	4975
2188	11936	7186	10301	5131	1066	743	743	2189	585	1685	161	1029	4967
2189	13115	8024	11355	5222	1121	784	784	2325	653	1808	183	1119	5093
2190	14955	9496	13244	5642	1318	843	843	2718	747	2086	229	1205	5386
2191	16295	10172	14518	6277	1439	942	942	2938	779	2238	277	1264	5716
2192	18584	10402	14824	6604	1774	1016	1016	3009	786	2279	302	1303	5824
2193	17976	10783	15291	7150	1690	1081	1081	3062	805	2309	321	1318	6003
2194	17208	11256	16203	7350	1598	1098	1098	3267	827	2336	332	1325	6207
2195	16420	11533	17004	7314	1553	1087	1087	3400	835	2394	344	1339	6330
2196	15921	11518	17426	7048	1479	1054	1054	3419	831	2396	336	1351	6332
2197	15554	11532	17641	6881	1429	1011	1011	3387	819	2383	322	1375	6272
2198	15401	11464	17798	6709	1408	982	982	3325	823	2414	322	1397	6196
2199	15309	11347	17496	6616	1401	969	969	3308	816	2429	313	1425	6142
2200	15269	11079	16972	6600	1401	960	960	3248	806	2436	303	1424	6188
2201	15309	10874	16195	6788	1402	965	965	3220	800	2434	300	1422	6214
2202	15610	10867	16106	7212	1411	977	977	3207	796	2413	298	1474	6101
2203	16315	11962	17124	7208	1439	1002	1002	3473	839	2415	300	1577	6006
2204	16979	12522	17685	7255	1518	1091	1091	3668	919	2651	316	1637	6232
2205	16733	11437	16376	7202	1547	1107	1107	3661	878	2532	330	1475	6242
2206	15521	10288	14942	6779	1490	1010	1010	3270	798	2353	305	1334	5919
2207	15088	9930	14551	6416	1404	944	944	3008	771	2237	279	1306	5796
2208	13796	9166	13474	6171	1347	893	893	2818	716	2103	254	1217	5610
2209	12628	8104	12128	5661	1233	816	816	2553	640	1889	215	1137	5343
2210	11903	7557	11315	5306	1209	772	772	2268	604	1801	194	1073	5160
2211	11648	7234	10784	5105	1204	771	771	2276	588	1728	185	1030	5074
2212	11852	7329	10839	5029	1222	777	777	2249	591	1722	184	1024	5043
2213	12876	8163	11837	5112	1265	816	816	2416	653	1817	203	1117	5149
2214	14616	9686	13483	5556	1404	880	880	2820	751	2100	246	1194	5432

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2215	16389	10353	14852	6204	1512	943	943	3076	781	2248	282	1256	5713
2216	18710	10578	15218	6619	1761	1101	1101	3109	791	2273	331	1292	5804
2217	17837	10952	15489	7105	1665	1126	1126	3201	808	2285	360	1310	6018
2218	16589	11583	16313	7181	1579	1102	1102	3297	822	2297	348	1317	6196
2219	15794	11816	17242	6994	1514	1070	1070	3397	833	2329	343	1322	6273
2220	15295	11877	17729	6718	1496	1022	1022	3361	825	2327	338	1332	6252
2221	14997	11932	18136	6609	1460	990	990	3336	823	2342	325	1338	6228
2222	14894	11969	18586	6508	1449	964	964	3338	819	2364	315	1356	6163
2223	14840	11823	18413	6443	1448	949	949	3330	814	2388	306	1374	6139
2224	14836	11584	17711	6429	1447	942	942	3249	804	2400	300	1387	6130
2225	14848	11271	16890	6548	1448	943	943	3216	795	2400	297	1395	6191
2226	15056	11128	16442	6840	1448	943	943	3242	789	2406	295	1464	6077
2227	15636	12382	17202	6894	1455	954	954	3517	832	2404	305	1561	5955
2228	16184	12758	17656	7024	1495	1003	1003	3700	922	2586	344	1609	6276
2229	16243	11531	16461	6951	1519	1022	1022	3587	892	2502	361	1488	6335
2230	15076	10397	15251	6611	1502	973	973	3299	804	2355	318	1349	5945
2231	14673	9990	14786	6314	1446	934	934	3093	773	2247	281	1310	5766
2232	13007	8999	13481	6049	1356	836	836	2857	710	2099	251	1240	5525
2233	12061	8215	12198	5613	1199	774	774	2546	645	1900	212	1137	5265
2234	11280	7684	11399	5277	1113	723	723	2397	615	1797	191	1065	5104
2235	11094	7366	10878	5096	1116	728	728	2329	592	1731	182	1036	4999
2236	11249	7375	10943	5047	1132	720	720	2291	592	1728	182	1045	4972
2237	12365	8208	11787	5091	1205	775	775	2451	655	1825	201	1135	5078
2238	14330	9655	13576	5506	1389	842	842	2861	752	2120	245	1213	5389
2239	15982	10305	14999	6082	1539	920	920	3103	783	2278	282	1278	5704
2240	18928	10535	15362	6537	1819	1089	1089	3145	792	2307	330	1331	5802
2241	18164	10856	15723	7203	1746	1120	1120	3259	808	2325	360	1355	5957
2242	16865	11299	16533	7223	1622	1090	1090	3455	824	2331	364	1364	6084
2243	16081	11561	17448	7062	1550	1065	1065	3595	835	2366	365	1379	6149
2244	15362	11519	17757	6822	1493	1002	1002	3597	826	2367	354	1401	6167
2245	15058	11624	18099	6634	1456	966	966	3556	823	2376	338	1411	6151
2246	14871	11558	18398	6516	1450	954	954	3525	823	2384	330	1441	6120
2247	14782	11541	18165	6360	1447	936	936	3515	821	2393	315	1464	6101
2248	14774	11283	17653	6308	1446	923	923	3453	812	2409	312	1465	6097
2249	14861	11098	16822	6410	1450	926	926	3477	802	2410	307	1508	6184
2250	15213	11055	16389	6750	1447	935	935	3507	792	2416	302	1565	6083
2251	15988	12110	17073	6892	1465	961	961	3726	823	2442	305	1693	5976
2252	16748	12469	17356	7096	1498	1056	1056	3825	926	2587	346	1764	6296
2253	16919	11479	16382	7196	1552	1055	1055	3818	888	2491	363	1587	6363
2254	15416	10354	15380	6742	1508	977	977	3346	804	2358	315	1398	5961
2255	14708	9994	14875	6207	1444	915	915	3129	776	2274	281	1354	5767
2256	13583	9007	13571	6031	1335	828	828	2901	712	2101	248	1294	5579
2257	12819	8293	12176	5581	1185	767	767	2471	659	1935	201	1193	5300
2258	12222	7753	11341	5194	1098	720	720	2347	622	1817	178	1115	5126
2259	12084	7447	10799	4988	1097	716	716	2272	596	1751	166	1056	5047
2260	12247	7450	10768	4986	1109	716	716	2200	603	1730	166	1033	5006
2261	13087	8273	11702	5098	1189	755	755	2379	658	1852	183	1122	5102
2262	14653	9738	13530	5530	1369	828	828	2819	746	2115	233	1206	5412
2263	15874	10420	14967	6138	1504	925	925	3086	781	2289	277	1283	5705
2264	18101	10639	15330	6662	1858	1043	1043	3144	789	2316	317	1342	5806
2265	17379	10994	15622	7300	1741	1114	1114	3273	804	2332	357	1361	6100
2266	16406	11496	16297	7360	1646	1107	1107	3568	823	2344	345	1371	6278
2267	15820	11859	16931	7177	1578	1095	1095	3710	836	2372	349	1382	6280
2268	15369	11879	17233	6752	1537	1039	1039	3863	829	2372	349	1397	6293
2269	15140	11894	17524	6641	1497	999	999	3824	834	2385	336	1415	6239
2270	15015	11860	17704	6498	1506	969	969	3784	834	2403	329	1443	6215
2271	14958	11717	17706	6397	1463	958	958	3767	833	2438	319	1469	6192
2272	14954	11462	17228	6350	1450	944	944	3672	818	2467	308	1492	6172
2273	14963	11189	16496	6437	1449	960	960	3598	803	2504	308	1491	6218
2274	15107	11086	16169	6757	1457	971	971	3440	794	2488	302	1556	6072
2275	15676	11971	16611	7024	1470	1005	1005	3720	829	2497	307	1647	5950
2276	16294	12293	16824	7303	1519	1100	1100	3823	918	2666	338	1684	6345
2277	16587	11395	16081	7450	1595	1113	1113	3886	886	2558	359	1547	6401
2278	15612	10452	15337	7075	1536	1018	1018	3350	806	2396	315	1401	5929
2279	14951	10099	14841	6329	1449	926	926	3134	775	2289	277	1363	5743
2280	14229	9073	13484	6169	1391	873	873	2891	722	2152	245	1280	5521
2281	12967	8340	12141	5646	1297	798	798	2569	657	1937	213	1196	5251
2282	12411	7783	11249	5252	1180	757	757	2397	615	1821	193	1105	5056
2283	12410	7448	10626	5075	1190	761	761	2289	588	1747	183	1059	4968
2284	12780	7439	10637	5010	1252	758	758	2290	586	1737	182	1044	4946
2285	13780	8181	11540	5111	1291	806	806	2386	639	1845	199	1129	5026
2286	15028	9473	13350	5550	1415	861	861	2798	743	2123	238	1185	5236
2287	16894	10135	14561	6094	1541	936	936	3009	777	2294	273	1260	5500
2288	18897	10414	14852	6471	1855	1041	1041	3071	793	2352	301	1325	5636
2289	18008	10878	15354	6902	1880	1114	1114	3158	829	2416	343	1352	5856
2290	16785	11336	16126	6995	1735	1123	1123	3398	859	2430	357	1359	6085
2291	15941	11700	16862	6849	1681	1125	1125	3544	879	2461	361	1376	6211
2292	15367	11562	16989	6627	1591	1067	1067	3676	858	2476	337	1408	6243
2293	15137	11493	17100	6512	1555	1010	1010	3624	846	2511	320	1441	6096
2294	15060	11427	17093	6351	1551	995	995	3574	846	2540	313	1488	6045
2295	15033	11169	16699	6267	1501	968	968	3557	839	2571	301	1518	5983
2296	14985	10833	16099	6233	1490	949	949	3463	824	2550	293	1512	5920

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2297	15010	10590	15579	6263	1485	954	954	3411	805	2588	288	1488	5905
2298	15053	10464	15465	6403	1485	950	950	3411	792	2549	283	1515	5802
2299	15169	11178	15919	6482	1494	957	957	3532	830	2498	283	1597	5708
2300	15397	11355	16199	6609	1499	983	983	3678	919	2674	296	1644	5863
2301	15396	10583	15467	6613	1516	984	984	3609	872	2525	302	1492	5915
2302	15102	10145	14852	6389	1501	959	959	3232	801	2370	286	1381	5691
2303	14860	9873	14436	6201	1476	932	932	3064	771	2286	273	1350	5545
2304	13763	9051	13199	6010	1433	884	884	2908	717	2143	255	1279	5430
2305	12823	8287	12111	5556	1320	827	827	2548	664	1964	223	1180	5220
2306	12288	7657	11222	5174	1224	790	790	2383	617	1830	203	1095	5073
2307	12150	7330	10659	4943	1257	788	788	2254	588	1759	193	1025	4998
2308	12275	7173	10411	4871	1277	783	783	2213	582	1723	190	1001	4950
2309	12840	7475	10740	4919	1320	817	817	2286	604	1763	196	1047	4993
2310	13777	8049	11415	5088	1389	832	832	2391	648	1897	214	984	5048
2311	14140	8646	12079	5407	1418	873	873	2492	674	2028	235	1022	5131
2312	15206	9221	13033	5835	1529	890	890	2742	726	2136	246	1183	5362
2313	16652	9466	13256	6058	1657	963	963	2785	738	2170	267	1270	5446
2314	16727	9918	13817	6620	1699	1047	1047	2899	754	2236	310	1285	5631
2315	15858	10127	14307	6742	1560	1060	1060	2987	769	2278	325	1295	5839
2316	14877	10096	14416	6593	1475	1013	1013	3083	757	2294	311	1301	5824
2317	14266	9886	14172	6343	1422	958	958	3023	753	2271	286	1305	5721
2318	14098	9702	13949	6111	1402	912	912	2903	750	2243	263	1312	5631
2319	13990	9562	13684	5962	1377	894	894	2845	746	2239	251	1323	5587
2320	13889	9505	13508	5935	1346	889	889	2802	744	2240	247	1329	5588
2321	13983	9590	13412	6033	1350	889	889	2811	752	2259	247	1333	5620
2322	14095	9745	13745	6365	1374	892	892	2888	766	2282	251	1378	5599
2323	14265	10931	15074	6640	1398	901	901	3280	824	2292	260	1473	5511
2324	14668	11263	15805	6819	1405	938	938	3306	908	2520	297	1513	5709
2325	14599	10508	14771	6625	1412	937	937	3296	840	2428	328	1417	5812
2326	14156	9553	13602	6213	1403	910	910	3051	771	2254	295	1332	5590
2327	13954	9227	13166	5899	1398	887	887	2839	735	2155	250	1285	5442
2328	12464	8602	12430	5744	1333	822	822	2731	703	2063	238	1256	5377
2329	12169	7904	11682	5407	1216	801	801	2582	654	1907	207	1185	5212
2330	11425	7355	11013	5098	1116	760	760	2438	621	1801	191	1108	5068
2331	11132	7078	10474	4904	1085	754	754	2383	597	1724	180	1076	4981
2332	11089	6942	10222	4805	1111	747	747	2307	588	1678	177	1043	4938
2333	11529	7077	10313	4853	1139	777	777	2369	602	1685	179	1041	4962
2334	12487	7429	10593	5038	1278	790	790	2415	634	1774	192	992	4985
2335	13409	7834	10716	5259	1345	821	821	2401	643	1850	209	964	4981
2336	13755	8556	11712	5583	1402	848	848	2604	685	1979	222	1088	5186
2337	14729	8790	12269	5708	1529	871	871	2647	699	2047	226	1216	5359
2338	15335	8971	12398	5824	1547	918	918	2660	703	2054	235	1264	5389
2339	15056	9076	12488	5903	1506	919	919	2698	708	2067	241	1268	5450
2340	14418	9113	12600	5886	1424	910	910	2711	708	2081	236	1275	5512
2341	14011	9074	12651	5818	1410	901	901	2721	709	2080	238	1284	5514
2342	13679	8995	12647	5755	1369	877	877	2687	705	2083	229	1294	5481
2343	13634	8917	12625	5716	1347	857	857	2667	702	2081	224	1306	5482
2344	13591	8921	12619	5707	1343	850	850	2661	704	2090	223	1314	5521
2345	13620	9037	12652	5740	1338	852	852	2669	707	2104	224	1332	5551
2346	13665	9305	13005	5820	1350	863	863	2706	713	2141	224	1348	5502
2347	14037	10148	13858	5899	1353	878	878	2947	765	2165	227	1398	5475
2348	14929	11307	15355	6045	1402	943	943	3135	876	2362	250	1497	5727
2349	15831	10871	14682	6340	1435	1020	1020	3237	821	2333	294	1412	5926
2350	14849	9404	13181	6196	1390	958	958	3010	734	2177	282	1315	5613
2351	13698	8788	12414	5770	1342	855	855	2735	699	2061	232	1268	5387
2352	13066	8290	12044	5645	1169	815	815	2633	663	1980	214	1236	5332
2353	12054	7593	11215	5226	1065	777	777	2463	613	1825	184	1148	5152
2354	11589	7155	10565	5002	1017	726	726	2352	593	1706	165	1073	5018
2355	11632	6986	10157	4889	1031	725	725	2252	583	1664	159	1015	4947
2356	11981	7152	10315	4890	1049	735	735	2238	595	1673	164	1022	4955
2357	13112	7963	11261	4994	1108	774	774	2367	667	1800	184	1107	5097
2358	14842	9427	13329	5464	1340	831	831	2730	753	2094	227	1210	5404
2359	16244	10205	14589	6119	1470	919	919	2920	776	2287	272	1286	5682
2360	18584	10388	15023	6518	1774	1020	1020	2996	782	2305	291	1349	5769
2361	17908	10761	15348	7062	1722	1094	1094	3063	803	2325	315	1373	5973
2362	17122	11258	16198	7198	1618	1107	1107	3307	826	2351	329	1379	6145
2363	16301	11557	17030	7176	1597	1101	1101	3426	833	2404	344	1389	6256
2364	15771	11599	17558	6852	1536	1057	1057	3452	836	2424	340	1405	6240
2365	15370	11622	17835	6646	1472	1005	1005	3399	824	2430	327	1433	6195
2366	15206	11580	18098	6479	1443	974	974	3378	825	2470	328	1462	6121
2367	15107	11466	17958	6387	1438	955	955	3339	818	2495	318	1495	6063
2368	15079	11192	17503	6369	1439	943	943	3286	806	2501	307	1495	6094
2369	15090	10993	16724	6490	1441	950	950	3242	795	2518	302	1495	6090
2370	15244	10870	16284	6778	1450	962	962	3209	790	2500	297	1498	5901
2371	15633	11372	16640	6691	1472	980	980	3365	822	2475	295	1541	5815
2372	16188	12191	17664	6774	1515	1043	1043	3521	919	2651	305	1612	5979
2373	16386	11418	16624	6922	1571	1096	1096	3668	866	2555	329	1502	6068
2374	15393	10348	15187	6661	1537	1013	1013	3321	786	2406	308	1392	5784
2375	14950	9998	14796	6248	1444	921	921	2996	762	2295	275	1365	5688
2376	13762	9217	13760	6027	1391	876	876	2830	708	2164	254	1264	5470
2377	12454	8338	12282	5517	1182	790	790	2573	637	1929	214	1185	5200
2378	11716	7793	11471	5143	1151	752	752	2320	600	1819	193	1101	5029

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2379	11505	7501	10900	4969	1108	754	754	2298	588	1730	183	1052	4954
2380	11728	7546	10919	4918	1116	761	761	2249	592	1713	181	1029	4907
2381	12773	8308	11821	4996	1198	798	798	2407	664	1812	199	1117	5051
2382	14526	9711	13572	5451	1395	864	864	2786	758	2108	241	1203	5378
2383	16317	10348	14954	6093	1520	926	926	3064	778	2298	279	1274	5668
2384	18710	10560	15385	6575	1761	1095	1095	3113	788	2312	325	1325	5753
2385	17664	10998	15668	7088	1672	1126	1126	3248	807	2323	361	1351	5969
2386	16367	11682	16439	7003	1595	1095	1095	3371	823	2336	349	1361	6114
2387	15534	11922	17300	6754	1531	1063	1063	3490	833	2360	342	1368	6209
2388	15097	11985	17760	6471	1525	1018	1018	3455	826	2368	337	1382	6175
2389	14811	12070	18142	6395	1496	981	981	3377	825	2388	327	1393	6159
2390	14728	12046	18562	6300	1485	955	955	3408	820	2414	316	1424	6131
2391	14704	11890	18468	6249	1479	938	938	3363	814	2438	309	1458	6144
2392	14702	11622	17823	6238	1478	927	927	3294	803	2456	304	1477	6206
2393	14706	11308	17068	6338	1480	928	928	3238	789	2458	302	1479	6202
2394	14849	11106	16430	6589	1482	928	928	3279	783	2459	298	1511	5993
2395	15304	11847	16598	6592	1486	933	933	3434	809	2431	302	1563	5855
2396	15884	12588	17425	6748	1508	960	960	3688	922	2560	323	1662	6080
2397	16267	11653	16583	6809	1544	994	994	3700	882	2493	351	1539	6220
2398	15089	10413	15426	6529	1548	961	961	3370	790	2381	322	1392	5826
2399	14606	10059	14969	6186	1478	918	918	3086	762	2302	280	1353	5676
2400	13122	9182	13674	5932	1381	825	825	2852	699	2134	253	1271	5408
2401	11850	8331	12268	5373	1293	776	776	2558	642	1931	209	1156	5203
2402	11022	7758	11446	4960	1204	737	737	2443	614	1808	187	1077	5054
2403	10828	7418	10878	4759	1199	745	745	2350	592	1747	176	1040	4975
2404	11028	7424	10894	4722	1211	741	741	2310	599	1728	175	1040	4957
2405	12255	8205	11699	4802	1298	787	787	2449	669	1826	193	1117	5100
2406	14342	9643	13626	5283	1427	846	846	2840	760	2131	239	1195	5402
2407	16002	10271	14991	5994	1541	911	911	3077	779	2304	284	1261	5679
2408	18928	10552	15319	6541	1819	1081	1081	3124	788	2331	321	1330	5765
2409	18190	11014	15795	7084	1743	1120	1120	3277	807	2356	358	1363	5902
2410	16813	11540	16841	7021	1650	1089	1089	3441	826	2367	361	1375	5988
2411	15971	11768	17812	6858	1594	1054	1054	3587	833	2419	365	1397	6051
2412	15257	11701	18305	6643	1536	992	992	3596	822	2434	359	1426	6063
2413	14939	11744	18534	6485	1510	959	959	3542	821	2447	348	1442	6104
2414	14774	11660	18814	6335	1495	954	954	3503	822	2462	337	1478	6108
2415	14713	11585	18471	6235	1491	939	939	3484	817	2481	322	1504	6119
2416	14706	11304	17848	6192	1489	920	920	3435	807	2501	320	1519	6159
2417	14747	11116	16896	6273	1491	919	919	3425	796	2508	316	1540	6200
2418	14923	10933	16294	6496	1491	932	932	3467	789	2496	311	1548	5998
2419	15307	11553	16645	6495	1506	950	950	3587	823	2513	307	1617	5871
2420	15917	12343	17545	6601	1519	1019	1019	3718	926	2682	333	1764	6066
2421	16450	11687	16593	6817	1565	1028	1028	3825	879	2578	362	1601	6176
2422	15370	10362	15352	6601	1536	971	971	3388	789	2409	323	1398	5825
2423	14666	9994	14845	6117	1484	907	907	3109	765	2299	284	1360	5690
2424	13535	9013	13482	5905	1395	837	837	2902	703	2108	254	1294	5474
2425	12033	8294	12319	5401	1239	754	754	2507	649	1952	207	1201	5170
2426	11192	7774	11501	4972	1159	699	699	2383	613	1828	181	1127	5007
2427	11184	7474	10990	4761	1169	700	700	2314	596	1760	170	1072	4939
2428	11285	7475	10925	4746	1187	693	693	2258	608	1730	168	1049	4920
2429	12400	8256	11823	4853	1250	735	735	2429	675	1849	187	1134	5060
2430	14522	9672	13594	5331	1418	821	821	2834	759	2104	235	1219	5398
2431	15832	10328	14868	6005	1547	912	912	3102	781	2259	279	1282	5682
2432	18001	10694	15162	6582	1858	1049	1049	3169	789	2317	319	1332	5765
2433	17296	11281	15764	7139	1717	1114	1114	3298	804	2350	359	1345	5996
2434	16300	12065	16911	7086	1654	1098	1098	3592	822	2365	349	1351	6139
2435	15720	12600	17887	6928	1569	1069	1069	3709	831	2391	352	1372	6165
2436	15278	12547	18287	6610	1537	1008	1008	3824	823	2385	347	1389	6176
2437	15079	12552	18550	6545	1503	973	973	3742	830	2376	332	1409	6156
2438	14947	12530	18769	6412	1487	955	955	3686	825	2382	322	1431	6143
2439	14878	12334	18623	6314	1481	940	940	3649	821	2398	312	1460	6132
2440	14873	11963	17843	6263	1472	925	925	3544	812	2420	305	1486	6133
2441	14883	11507	16815	6337	1472	938	938	3470	802	2451	302	1489	6147
2442	14989	11109	16273	6578	1473	950	950	3387	794	2430	297	1539	5978
2443	15240	11826	16612	6618	1477	971	971	3545	821	2461	294	1647	5852
2444	15591	12792	17783	6747	1491	1019	1019	3674	918	2698	307	1847	6027
2445	16058	11999	16767	7002	1539	1053	1053	3886	881	2608	333	1657	6097
2446	15363	10414	15214	6775	1534	987	987	3414	793	2406	307	1411	5781
2447	14845	10048	14765	6179	1472	911	911	3137	770	2258	279	1347	5669
2448	13613	9069	13509	6017	1411	852	852	2927	714	2115	245	1275	5397
2449	12070	8356	12260	5550	1303	755	755	2550	665	1929	199	1193	5185
2450	11201	7806	11484	5191	1210	701	701	2315	629	1827	171	1106	5018
2451	11126	7487	10877	5035	1200	715	715	2207	601	1756	159	1057	4949
2452	11532	7494	10898	4968	1243	707	707	2202	602	1747	157	1044	4943
2453	12850	8196	11741	5056	1263	766	766	2295	666	1858	178	1136	5052
2454	14691	9473	13461	5428	1370	836	836	2789	755	2114	228	1190	5281
2455	16585	10166	14613	5940	1503	919	919	2991	778	2255	273	1261	5530
2456	18897	10452	14912	6334	1777	1048	1048	3067	806	2412	302	1323	5625
2457	17995	11028	15540	6876	1880	1114	1114	3187	854	2525	343	1349	5817
2458	16666	11579	16546	6995	1755	1124	1124	3431	885	2541	359	1357	6027
2459	15803	12063	17519	6828	1712	1125	1125	3538	895	2556	361	1378	6131
2460	15210	11979	17725	6558	1646	1061	1061	3678	859	2581	343	1414	6132

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2461	14921	11889	17943	6396	1579	1007	1007	3597	834	2598	329	1450	6051
2462	14802	11835	18023	6241	1558	983	983	3535	833	2581	321	1501	6009
2463	14768	11590	17537	6140	1514	958	958	3448	825	2606	306	1548	5950
2464	14742	11214	16830	6099	1498	939	939	3373	812	2547	295	1567	5919
2465	14755	10901	16137	6131	1494	944	944	3321	798	2602	290	1551	5913
2466	14770	10649	15722	6261	1499	936	936	3310	789	2556	284	1548	5787
2467	14854	11061	15874	6275	1502	933	933	3294	814	2490	281	1625	5683
2468	15032	11469	16709	6364	1496	941	941	3413	919	2790	285	1798	5768
2469	15164	10858	15904	6435	1495	947	947	3502	867	2638	298	1600	5810
2470	14843	10199	14958	6265	1499	938	938	3217	792	2393	289	1410	5635
2471	14531	9958	14597	6064	1478	915	915	3064	767	2248	274	1353	5494
2472	13112	9178	13443	5908	1426	858	858	2871	714	2110	253	1296	5373
2473	12152	8374	12338	5477	1325	776	776	2577	650	1947	209	1225	5133
2474	11327	7778	11497	5133	1272	730	730	2380	603	1827	173	1154	4963
2475	11088	7441	10984	4926	1273	730	730	2273	571	1754	156	1100	4884
2476	11195	7272	10755	4833	1282	712	712	2209	571	1723	149	1075	4838
2477	11960	7539	11007	4859	1324	777	777	2255	607	1765	158	1106	4897
2478	13224	8104	11610	5036	1379	798	798	2393	653	1887	189	1055	4958
2479	13815	8674	12170	5302	1411	853	853	2498	688	2011	225	1087	5071
2480	14759	9304	13135	5685	1505	872	872	2753	733	2121	247	1212	5337
2481	16305	9511	13389	5872	1626	954	954	2793	745	2158	267	1293	5409
2482	16650	9927	13796	6310	1699	1036	1036	2932	766	2244	310	1311	5616
2483	15790	10134	14222	6381	1577	1060	1060	3034	778	2295	328	1325	5814
2484	14778	10170	14380	6304	1490	1017	1017	3113	760	2309	314	1338	5781
2485	14069	10024	14268	6125	1427	940	940	3076	752	2270	290	1349	5668
2486	13816	9894	14120	5969	1405	895	895	2940	749	2237	267	1378	5585
2487	13744	9787	13947	5839	1391	875	875	2853	743	2234	254	1421	5550
2488	13659	9741	13821	5803	1366	870	870	2811	742	2246	249	1462	5551
2489	13746	9747	13699	5894	1375	870	870	2808	750	2280	249	1485	5587
2490	13811	9876	13836	6168	1400	872	872	2870	766	2314	253	1524	5513
2491	14024	10542	14432	6273	1405	876	876	3117	811	2314	259	1635	5422
2492	14520	11032	15326	6404	1407	893	893	3183	908	2591	280	1802	5544
2493	14591	10563	14672	6364	1414	908	908	3306	833	2511	322	1626	5708
2494	13969	9674	13715	6079	1413	894	894	3081	762	2290	304	1432	5507
2495	13707	9344	13361	5780	1405	869	869	2863	733	2138	253	1318	5382
2496	12064	8730	12697	5650	1363	778	778	2753	686	2058	235	1294	5289
2497	11969	7922	11829	5322	1302	756	756	2556	636	1913	202	1226	5106
2498	11248	7290	11117	5066	1241	687	687	2360	598	1804	167	1148	4963
2499	10967	6984	10506	4896	1210	688	688	2241	571	1735	151	1107	4872
2500	10928	6820	10222	4805	1220	674	674	2122	564	1681	145	1074	4822
2501	11334	6937	10334	4828	1241	712	712	2200	589	1688	146	1057	4860
2502	12287	7350	10534	4989	1297	738	738	2274	625	1767	167	1014	4865
2503	13224	7724	10630	5159	1347	784	784	2262	643	1830	197	986	4886
2504	13603	8520	11737	5463	1384	828	828	2557	688	1975	220	1140	5157
2505	14517	8826	12399	5604	1524	857	857	2636	698	2056	226	1265	5318
2506	15186	9021	12577	5743	1634	932	932	2657	703	2067	235	1314	5347
2507	15008	9170	12714	5856	1624	926	926	2699	709	2086	243	1325	5426
2508	14436	9212	12902	5854	1525	916	916	2708	708	2113	240	1358	5499
2509	14003	9176	13014	5785	1494	908	908	2721	706	2121	242	1400	5485
2510	13617	9089	13075	5692	1417	870	870	2688	702	2137	233	1430	5459
2511	13535	9004	13057	5632	1363	845	845	2665	700	2149	228	1458	5465
2512	13518	9014	13044	5630	1362	833	833	2658	701	2176	225	1489	5502
2513	13534	9144	13037	5696	1360	836	836	2660	705	2219	227	1528	5519
2514	13592	9382	13298	5802	1364	852	852	2693	709	2297	227	1542	5427
2515	13890	9836	13796	5808	1370	858	858	2824	747	2330	229	1588	5385
2516	14631	11307	16006	5898	1424	909	909	2999	876	2693	244	1905	5575
2517	15831	11210	15495	6340	1470	1020	1020	3237	824	2670	294	1708	5848
2518	14888	9565	13593	6260	1430	993	993	3069	725	2345	293	1448	5533
2519	13604	8826	12604	5711	1361	840	840	2748	693	2092	237	1320	5327
2520	12984	8276	12187	5562	1278	776	776	2621	637	2012	211	1288	5240
2521	12097	7687	11251	5221	1118	738	738	2392	598	1847	183	1204	5065
2522	11597	7282	10577	5014	1076	666	666	2310	580	1736	162	1121	4949
2523	11567	7102	10157	4898	1080	677	677	2184	570	1664	155	1058	4885
2524	11847	7254	10291	4889	1089	681	681	2164	588	1699	159	1051	4900
2525	12858	8052	11209	4972	1148	728	728	2321	678	1803	179	1128	5075
2526	14629	9422	13396	5405	1330	795	795	2778	762	2093	223	1234	5397
2527	15620	10172	14666	6010	1476	896	896	3027	777	2309	272	1312	5653
2528	17370	10438	15113	6366	1798	995	995	3086	787	2336	289	1383	5746
2529	17015	10986	15585	6830	1748	1077	1077	3200	809	2370	311	1412	5950
2530	16528	11556	16826	6927	1671	1077	1077	3480	829	2429	326	1424	6107
2531	15972	11865	18052	6929	1639	1083	1083	3618	834	2529	344	1456	6227
2532	15591	11888	18881	6645	1576	1045	1045	3634	835	2595	339	1506	6210
2533	15313	11850	19304	6483	1512	1001	1001	3571	827	2642	329	1600	6178
2534	15155	11741	19724	6355	1468	970	970	3565	826	2736	332	1712	6125
2535	15049	11557	19559	6274	1458	949	949	3516	818	2833	322	1815	6062
2536	15002	11252	18811	6239	1471	936	936	3439	806	2860	314	1827	6102
2537	15030	11046	17677	6319	1472	941	941	3371	793	2927	309	1779	6045
2538	15188	10879	16698	6544	1495	955	955	3304	785	2855	301	1722	5798
2539	15410	11089	16629	6445	1527	954	954	3291	808	2750	295	1772	5720
2540	15727	12343	18704	6533	1566	980	980	3428	915	3068	297	2048	5828
2541	16048	11833	17531	6764	1629	1053	1053	3631	857	2918	324	1776	5984
2542	15309	10369	15345	6590	1584	997	997	3352	780	2568	310	1466	5706

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2543	14910	9989	14884	6147	1460	898	898	3074	753	2327	276	1409	5606
2544	13851	9248	13841	5978	1409	847	847	2858	686	2187	253	1313	5360
2545	12500	8171	12342	5510	1162	743	743	2580	642	1949	211	1211	5049
2546	11734	7581	11476	5133	1168	700	700	2382	609	1825	186	1114	4893
2547	11505	7238	10908	4954	1109	709	709	2295	593	1740	174	1052	4821
2548	11679	7302	10947	4916	1108	711	711	2292	604	1713	171	1029	4819
2549	12655	8128	11819	4990	1198	762	762	2398	681	1816	188	1115	5020
2550	14439	9659	13663	5380	1387	840	840	2780	761	2105	233	1215	5381
2551	15438	10291	14974	5987	1521	910	910	3044	774	2318	279	1292	5671
2552	16887	10617	15351	6455	1768	1095	1095	3097	784	2341	308	1353	5746
2553	16438	11123	15893	6963	1701	1126	1126	3238	801	2362	339	1388	5925
2554	15728	11977	17143	6904	1605	1089	1089	3370	813	2396	337	1403	6067
2555	15270	12200	18434	6672	1561	1049	1049	3460	820	2484	333	1415	6154
2556	15008	12232	19063	6378	1555	1009	1009	3450	815	2529	329	1441	6131
2557	14823	12293	19574	6313	1528	970	970	3435	818	2589	321	1473	6125
2558	14755	12180	20032	6208	1515	946	946	3487	815	2765	315	1555	6106
2559	14722	12009	19884	6159	1510	932	932	3397	817	2854	308	1638	6135
2560	14720	11660	18967	6137	1509	919	919	3321	805	2971	305	1706	6200
2561	14728	11312	17815	6218	1511	923	923	3280	790	2982	304	1720	6152
2562	14819	11068	16730	6419	1513	924	924	3278	781	2918	299	1724	5893
2563	14985	11372	16507	6350	1515	925	925	3310	796	2781	297	1714	5782
2564	15199	12588	18308	6419	1521	938	938	3527	910	3143	302	1984	5873
2565	15611	12043	17329	6598	1558	977	977	3700	860	2958	326	1762	6001
2566	15041	10416	15447	6451	1593	967	967	3389	777	2585	316	1475	5741
2567	14681	10020	14960	6089	1505	905	905	3068	749	2329	280	1397	5619
2568	13469	9051	13642	5866	1432	810	810	2868	691	2159	254	1307	5298
2569	11915	8281	12311	5368	1305	732	732	2594	629	1949	208	1190	5074
2570	11053	7690	11474	4953	1220	676	676	2437	602	1819	183	1094	4923
2571	10828	7364	10878	4763	1199	690	690	2351	584	1745	171	1049	4854
2572	11067	7362	10894	4722	1207	688	688	2310	593	1728	169	1040	4833
2573	12344	8149	11701	4799	1298	739	739	2431	676	1815	186	1113	5025
2574	14430	9650	13651	5258	1452	823	823	2835	764	2125	234	1204	5363
2575	15746	10270	15030	5941	1567	901	901	3078	777	2339	284	1271	5666
2576	17649	10614	15357	6385	1797	1091	1091	3131	787	2367	307	1353	5753
2577	17078	11165	15886	6839	1770	1120	1120	3252	807	2395	337	1397	5896
2578	16171	11833	17046	6799	1687	1080	1080	3407	825	2421	339	1406	5986
2579	15631	12116	18071	6657	1633	1046	1046	3477	830	2523	346	1421	6067
2580	15169	11884	18597	6469	1594	982	982	3484	820	2582	345	1447	6080
2581	14976	11987	18965	6338	1560	952	952	3450	824	2616	337	1467	6130
2582	14838	11934	19291	6226	1540	948	948	3454	832	2705	331	1510	6139
2583	14773	11885	19054	6151	1530	929	929	3435	827	2765	323	1545	6163
2584	14766	11538	18393	6131	1529	920	920	3381	817	2832	318	1577	6200
2585	14780	11338	17281	6210	1533	918	918	3365	800	2862	315	1611	6167
2586	14871	11008	16392	6397	1533	924	924	3392	789	2816	311	1580	5915
2587	15007	11226	16323	6324	1542	935	935	3368	811	2788	306	1579	5794
2588	15264	12343	17867	6350	1544	971	971	3432	926	2992	317	1756	5882
2589	15761	12098	17051	6556	1578	1002	1002	3664	871	2828	346	1623	6004
2590	15180	10417	15458	6441	1566	972	972	3359	781	2529	323	1436	5735
2591	14719	10019	14959	6061	1524	898	898	3100	754	2345	286	1398	5618
2592	13416	9028	13656	5869	1433	802	802	2909	692	2140	258	1326	5349
2593	12030	8174	12412	5387	1244	727	727	2531	647	1975	209	1235	5059
2594	11196	7636	11521	4969	1159	672	672	2363	614	1845	183	1146	4893
2595	11184	7315	11009	4753	1171	674	674	2305	598	1781	172	1077	4835
2596	11237	7291	10925	4746	1202	663	663	2258	615	1730	168	1049	4828
2597	12315	8125	11808	4835	1259	710	710	2397	688	1845	187	1138	5002
2598	14390	9644	13669	5298	1453	803	803	2839	768	2099	236	1226	5374
2599	15659	10333	14988	5916	1591	901	901	3113	782	2294	281	1301	5670
2600	17553	10769	15305	6426	1858	1072	1072	3181	794	2325	323	1356	5755
2601	16924	11393	15753	6845	1718	1114	1114	3289	814	2362	359	1370	5983
2602	15996	12191	16698	6802	1638	1083	1083	3620	839	2370	357	1375	6131
2603	15499	12778	17640	6677	1583	1045	1045	3716	851	2400	355	1397	6182
2604	15079	12675	18130	6431	1552	999	999	3766	842	2414	348	1415	6189
2605	14874	12772	18415	6340	1518	956	956	3708	852	2430	331	1432	6205
2606	14754	12792	18769	6215	1513	940	940	3678	849	2445	323	1453	6194
2607	14700	12661	18622	6132	1505	929	929	3627	838	2479	314	1484	6190
2608	14687	12273	17967	6080	1504	916	916	3524	823	2522	308	1524	6149
2609	14698	11766	17063	6132	1504	932	932	3450	808	2556	305	1538	6113
2610	14713	11142	16306	6286	1504	948	948	3380	798	2522	298	1553	5933
2611	14779	11314	16119	6226	1505	959	959	3406	832	2518	291	1580	5818
2612	14962	12559	17430	6301	1508	983	983	3532	961	2698	295	1847	5948
2613	15474	12392	16848	6649	1531	1038	1038	3886	900	2632	322	1673	6040
2614	15108	10497	15388	6615	1554	993	993	3491	788	2433	307	1431	5715
2615	14674	10075	14945	6048	1504	901	901	3137	762	2295	281	1368	5605
2616	13584	9037	13672	5889	1417	835	835	2954	707	2133	244	1281	5292
2617	12041	8372	12392	5354	1210	736	736	2590	659	1929	200	1199	5119
2618	11154	7827	11528	4930	1107	675	675	2322	624	1822	172	1112	4972
2619	11126	7495	10928	4759	1107	695	695	2202	601	1735	160	1065	4909
2620	11567	7518	10893	4706	1162	680	680	2211	613	1728	157	1044	4905
2621	12809	8206	11753	4840	1216	743	743	2272	688	1839	178	1130	5023
2622	14527	9485	13537	5303	1375	825	825	2815	770	2108	228	1202	5274
2623	16115	10183	14853	5937	1552	903	903	3023	788	2289	272	1270	5540
2624	18017	10499	15196	6396	1852	1080	1080	3089	827	2386	313	1328	5621

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2625	17121	11113	15733	6899	1880	1125	1125	3243	879	2451	355	1351	5815
2626	16018	11748	16754	6928	1703	1123	1123	3512	913	2501	361	1361	6016
2627	15332	12289	17798	6756	1646	1103	1103	3596	905	2534	359	1375	6128
2628	14899	12224	18235	6486	1577	1032	1032	3678	864	2585	344	1399	6145
2629	14696	12218	18674	6359	1538	983	983	3591	847	2657	330	1432	6100
2630	14599	12222	19047	6237	1533	960	960	3562	844	2680	320	1482	6079
2631	14566	11938	18634	6128	1516	941	941	3440	830	2736	304	1532	6017
2632	14539	11504	17947	6084	1499	919	919	3367	818	2749	292	1565	5974
2633	14541	11074	16943	6092	1499	923	923	3326	799	2785	286	1575	5940
2634	14564	10680	16104	6164	1498	911	911	3273	787	2707	280	1549	5753
2635	14579	10747	15803	6131	1497	906	906	3196	800	2568	276	1560	5645
2636	14644	11321	16919	6178	1494	905	905	3288	919	2790	276	1798	5667
2637	14775	11064	16298	6272	1495	914	914	3471	866	2668	292	1625	5723
2638	14602	10235	15268	6177	1501	918	918	3220	788	2401	288	1424	5602
2639	14280	10013	14905	6037	1483	896	896	3077	762	2281	272	1360	5444
2640	12893	9171	13737	5834	1405	827	827	2923	706	2124	251	1308	5308
2641	11934	8416	12520	5394	1287	738	738	2573	643	1955	209	1228	5102
2642	11060	7798	11634	5011	1223	689	689	2372	604	1822	175	1139	4959
2643	10739	7456	11073	4787	1214	681	681	2265	571	1751	157	1072	4876
2644	10741	7272	10815	4704	1237	671	671	2209	576	1704	149	1036	4838
2645	11417	7512	11049	4741	1272	741	741	2249	619	1747	157	1076	4881
2646	12737	8129	11637	4928	1362	768	768	2395	665	1857	184	1024	4933
2647	13587	8694	12212	5185	1414	829	829	2495	704	1996	220	1052	5102
2648	14200	9380	13277	5568	1489	850	850	2736	738	2138	242	1205	5340
2649	15626	9646	13580	5762	1595	931	931	2785	752	2180	257	1317	5408
2650	16231	10255	14235	6226	1661	995	995	2935	769	2230	295	1357	5564
2651	15627	10614	15012	6347	1574	1019	1019	3031	779	2281	313	1363	5684
2652	14740	10692	15356	6245	1512	979	979	3109	762	2326	303	1375	5674
2653	14037	10490	15323	6023	1441	913	913	3056	754	2320	285	1396	5598
2654	13679	10320	15087	5844	1415	870	870	2946	752	2308	266	1438	5543
2655	13610	10111	14871	5699	1407	853	853	2847	747	2315	254	1504	5519
2656	13586	10052	14675	5658	1387	847	847	2802	747	2354	248	1572	5517
2657	13612	10053	14411	5724	1389	847	847	2799	755	2389	248	1610	5549
2658	13645	10146	14408	5954	1411	850	850	2857	769	2420	253	1613	5448
2659	13843	10443	14712	5994	1412	849	849	3025	797	2396	255	1621	5382
2660	14219	11175	16545	6049	1412	851	851	3061	888	2591	260	1802	5414
2661	14474	11102	15777	6121	1414	864	864	3268	824	2523	296	1663	5537
2662	13854	9860	14129	5938	1421	867	867	3073	755	2304	294	1475	5422
2663	13576	9419	13557	5655	1412	845	845	2846	731	2178	250	1370	5357
2664	12304	8765	12871	5540	1374	746	746	2743	672	2094	232	1347	5219
2665	11770	7937	11989	5222	1286	721	721	2550	629	1944	200	1282	5053
2666	11034	7307	11206	4943	1181	655	655	2352	600	1824	169	1196	4913
2667	10677	6983	10578	4751	1106	659	659	2240	572	1734	152	1140	4847
2668	10635	6820	10222	4636	1159	638	638	2122	564	1683	145	1097	4797
2669	10999	6909	10323	4682	1185	681	681	2195	590	1680	149	1067	4823
2670	11904	7329	10461	4848	1228	702	702	2254	619	1737	165	1023	4792
2671	12914	7622	10538	5003	1322	745	745	2231	644	1804	190	986	4873
2672	13448	8487	11704	5337	1376	805	805	2521	693	2002	213	1170	5151
2673	14407	8898	12557	5527	1474	824	824	2627	703	2120	223	1324	5283
2674	15367	9014	12851	5670	1614	869	869	2663	707	2154	228	1397	5325
2675	15416	9164	12976	5809	1634	876	876	2700	714	2166	235	1414	5421
2676	14716	9222	13211	5840	1608	877	877	2713	715	2201	235	1469	5497
2677	14126	9225	13383	5785	1560	873	873	2728	714	2234	239	1538	5473
2678	13630	9182	13525	5659	1469	850	850	2707	711	2277	233	1594	5448
2679	13452	9122	13601	5569	1390	836	836	2690	709	2313	229	1646	5465
2680	13433	9146	13644	5557	1383	823	823	2675	713	2352	227	1656	5507
2681	13444	9272	13594	5624	1379	830	830	2689	719	2407	229	1720	5496
2682	13576	9409	13699	5787	1405	848	848	2723	722	2472	229	1668	5382
2683	13763	9501	13727	5761	1415	843	843	2769	751	2462	230	1615	5338
2684	14347	10646	16006	5805	1480	855	855	2888	858	2693	234	1905	5460
2685	15819	10934	15789	6308	1548	923	923	3202	814	2663	272	1737	5727
2686	14946	9606	13888	6281	1562	947	947	3065	721	2386	283	1509	5451
2687	13489	8905	12887	5678	1390	830	830	2742	692	2168	236	1402	5282
2688	12666	8361	12458	5497	1311	772	772	2643	634	2091	215	1363	5170
2689	11837	7691	11613	5148	1150	724	724	2449	598	1895	185	1249	5013
2690	11275	7226	10850	4919	1088	639	639	2327	581	1770	163	1146	4902
2691	11165	7010	10369	4811	1076	651	651	2170	570	1682	155	1071	4850
2692	11410	7140	10526	4799	1129	651	651	2163	595	1698	158	1052	4886
2693	12348	7943	11370	4878	1166	701	701	2313	689	1798	179	1118	5080
2694	14169	9425	13505	5301	1333	775	775	2762	772	2094	221	1231	5401
2695	15291	10270	14909	5935	1484	873	873	3009	784	2362	270	1336	5618
2696	17370	10502	15456	6309	1798	975	975	3075	793	2419	288	1435	5746
2697	17031	11083	15739	6760	1690	1019	1019	3191	816	2426	310	1488	5907
2698	16485	11754	16652	6815	1659	1013	1013	3461	838	2459	321	1507	5999
2699	15858	12257	17727	6800	1616	1008	1008	3617	844	2538	342	1537	6128
2700	15454	12316	18490	6549	1557	975	975	3634	841	2611	335	1603	6106
2701	15108	12336	19096	6437	1518	946	946	3555	845	2702	325	1722	6072
2702	14873	12343	19621	6336	1481	924	924	3575	842	2831	327	1867	6026
2703	14717	12222	19724	6255	1469	914	914	3519	836	2948	321	2010	5892
2704	14644	11914	19195	6205	1480	895	895	3452	823	3017	314	2048	5920
2705	14688	11626	18113	6305	1481	897	897	3385	803	3068	308	1987	5873
2706	14901	11204	16928	6536	1499	901	901	3312	792	3005	297	1850	5689



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2707	15032	10961	16308	6360	1530	893	893	3190	807	2848	290	1785	5643
2708	15165	12231	18023	6320	1522	895	895	3280	918	3001	288	2047	5685
2709	15710	12105	17345	6536	1595	938	938	3603	856	2868	317	1810	5794
2710	14990	10530	15650	6465	1577	938	938	3405	783	2599	308	1550	5621
2711	14526	10098	15228	6089	1468	873	873	3064	747	2417	273	1497	5492
2712	13437	9258	14172	5917	1413	814	814	2881	682	2258	249	1387	5206
2713	12390	8236	12592	5447	1204	713	713	2532	634	1996	211	1267	5050
2714	11747	7610	11659	5057	1183	664	664	2277	603	1853	186	1147	4835
2715	11505	7238	11038	4865	1125	672	672	2194	587	1733	173	1069	4819
2716	11570	7263	10979	4813	1108	671	671	2203	605	1713	169	1029	4839
2717	12382	8013	11805	4862	1175	720	720	2316	692	1796	183	1103	5036
2718	14003	9575	13745	5264	1344	806	806	2726	773	2101	224	1200	5365
2719	14981	10369	15240	5870	1505	879	879	3042	784	2383	272	1305	5615
2720	16820	10549	15758	6315	1768	1001	1001	3094	793	2442	294	1412	5723
2721	16395	10968	16053	6820	1695	1028	1028	3193	811	2447	323	1473	5928
2722	15671	11794	16995	6785	1610	1000	1000	3346	827	2459	332	1501	6080
2723	15127	12136	18058	6611	1585	977	977	3422	833	2514	334	1513	6189
2724	14905	12350	18737	6354	1564	956	956	3455	830	2578	329	1555	6134
2725	14633	12539	19361	6293	1543	925	925	3430	839	2665	324	1616	6165
2726	14514	12588	19864	6186	1535	912	912	3485	842	2840	321	1735	6179
2727	14447	12543	20032	6129	1528	901	901	3406	840	2960	316	1861	6212
2728	14424	12270	19396	6111	1525	892	892	3333	827	3095	315	1946	6333
2729	14469	11806	18326	6216	1533	896	896	3284	803	3143	312	1981	6226
2730	14622	11306	17078	6413	1537	892	892	3209	789	3061	301	1890	5813
2731	14734	11050	16361	6236	1535	887	887	3182	795	2889	292	1762	5704
2732	14815	12065	17769	6196	1521	886	886	3287	910	3026	287	1984	5755
2733	15419	12103	17265	6417	1555	914	914	3494	856	2881	312	1807	5902
2734	14893	10547	15848	6413	1622	925	925	3308	783	2610	311	1560	5652
2735	14372	10142	15386	6018	1506	877	877	3082	744	2440	275	1497	5534
2736	13480	9148	14020	5807	1438	782	782	2856	679	2256	251	1402	5278
2737	11938	8369	12642	5352	1314	727	727	2569	627	2035	211	1278	5024
2738	11123	7742	11732	4959	1230	676	676	2378	599	1871	186	1156	4896
2739	10828	7406	11096	4771	1199	677	677	2291	581	1761	174	1076	4833
2740	10988	7362	11023	4722	1202	685	685	2225	597	1729	169	1040	4836
2741	12026	8069	11801	4787	1275	718	718	2329	690	1808	183	1097	5036
2742	14020	9622	13765	5220	1425	798	798	2769	775	2115	224	1169	5366
2743	15139	10401	15304	5843	1542	878	878	3032	786	2393	274	1257	5630
2744	16916	10585	15788	6295	1722	964	964	3080	795	2460	291	1394	5774
2745	16617	11075	16065	6768	1711	987	987	3175	813	2468	321	1463	5887
2746	15857	11735	16910	6772	1677	971	971	3319	829	2479	326	1482	5995
2747	15450	12096	17842	6643	1639	955	955	3367	825	2530	339	1502	6070
2748	15010	12017	18425	6402	1605	925	925	3409	830	2595	344	1545	6087
2749	14829	12237	18826	6325	1579	912	912	3386	839	2670	339	1600	6178
2750	14662	12342	19291	6201	1558	909	909	3404	850	2776	336	1692	6201
2751	14561	12343	19291	6117	1549	901	901	3381	848	2869	330	1784	6243
2752	14520	12071	18829	6075	1548	894	894	3323	837	2944	327	1858	6295
2753	14576	11760	17836	6159	1554	895	895	3286	813	2992	327	1884	6223
2754	14676	11273	16785	6325	1552	898	898	3262	799	2896	318	1744	5840
2755	14699	10994	16256	6151	1559	896	896	3175	811	2775	305	1651	5725
2756	14778	11861	17313	6107	1547	898	898	3204	915	2821	304	1850	5770
2757	15332	12013	16927	6356	1575	924	924	3429	862	2737	336	1705	5901
2758	14953	10557	15845	6441	1575	923	923	3260	786	2554	326	1510	5655
2759	14471	10166	15382	5985	1531	878	878	3062	751	2458	279	1471	5528
2760	13384	9182	14029	5810	1459	806	806	2864	683	2241	256	1387	5239
2761	12076	8209	12783	5362	1238	730	730	2545	632	2048	210	1287	4996
2762	11273	7674	11824	4975	1159	678	678	2386	602	1887	185	1182	4860
2763	11184	7312	11298	4786	1165	678	678	2293	586	1803	173	1098	4828
2764	11259	7291	11158	4746	1178	663	663	2258	608	1731	168	1049	4830
2765	12208	8076	12005	4826	1236	703	703	2383	697	1831	183	1121	5015
2766	14110	9633	13793	5241	1448	790	790	2801	779	2083	228	1198	5376
2767	15497	10423	15234	5815	1570	879	879	3071	791	2350	276	1306	5645
2768	17673	10680	15694	6211	1772	952	952	3127	801	2403	305	1402	5743
2769	16895	11174	15923	6551	1693	974	974	3196	826	2417	341	1449	5923
2770	15855	11847	16643	6536	1661	963	963	3391	853	2436	346	1470	6044
2771	15301	12431	17442	6468	1613	946	946	3402	865	2494	348	1488	6099
2772	14847	12446	17904	6293	1595	926	926	3459	862	2551	346	1517	6123
2773	14603	12674	18361	6205	1559	907	907	3432	882	2624	341	1567	6189
2774	14460	12792	18790	6113	1556	900	900	3423	878	2722	335	1628	6227
2775	14377	12778	18798	6028	1548	896	896	3407	869	2821	324	1704	6237
2776	14360	12572	18324	5977	1542	888	888	3351	846	2886	317	1784	6140
2777	14360	12088	17484	6010	1543	892	892	3325	820	2922	314	1802	6041
2778	14371	11404	16574	6099	1544	897	897	3260	807	2820	304	1733	5846
2779	14386	11087	16057	6003	1546	892	892	3225	828	2712	291	1645	5755
2780	14452	12079	17028	5973	1542	892	892	3282	961	2839	285	1847	5821
2781	14995	12504	16747	6194	1562	918	918	3537	885	2767	314	1708	5901
2782	14822	10678	15762	6320	1602	920	920	3353	790	2535	309	1516	5659
2783	14336	10204	15329	5922	1542	879	879	3101	753	2400	278	1465	5536
2784	13247	9124	14053	5773	1470	818	818	2974	684	2211	248	1380	5242
2785	12107	8359	12737	5323	1257	739	739	2598	643	2018	202	1280	5084
2786	11269	7719	11832	4932	1141	681	681	2342	614	1885	174	1176	4958
2787	11126	7327	11216	4773	1107	691	691	2202	592	1773	161	1107	4905
2788	11344	7336	11120	4706	1142	675	675	2204	610	1728	157	1069	4911

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2789	12327	8072	11919	4798	1181	726	726	2280	694	1813	172	1127	5041
2790	14014	9498	13694	5190	1343	800	800	2796	772	2078	218	1198	5289
2791	15377	10359	15063	5782	1533	867	867	3009	791	2342	266	1294	5527
2792	17670	10530	15598	6187	1728	964	964	3061	824	2396	286	1397	5628
2793	17049	10960	15884	6677	1758	984	984	3150	869	2405	311	1449	5896
2794	15992	11496	16654	6761	1653	982	982	3356	897	2440	319	1465	6118
2795	15280	12021	17506	6653	1615	960	960	3396	887	2494	321	1484	6283
2796	14783	12014	18051	6431	1574	928	928	3479	856	2569	315	1517	6291
2797	14519	12140	18592	6309	1551	905	905	3438	847	2657	308	1570	6268
2798	14340	12289	19053	6196	1543	895	895	3412	842	2737	306	1648	6014
2799	14240	12161	18872	6086	1532	884	884	3329	825	2848	299	1744	5937
2800	14201	11878	18438	6021	1526	876	876	3296	818	2900	292	1798	5974
2801	14200	11484	17493	6027	1527	876	876	3231	795	2918	287	1778	5869
2802	14213	10995	16456	6070	1526	868	868	3148	783	2808	279	1665	5646
2803	14226	10751	15901	6006	1519	866	866	3090	788	2648	272	1596	5561
2804	14234	11139	16696	5980	1515	865	865	3109	885	2696	269	1766	5566
2805	14410	11159	16421	6066	1516	867	867	3263	842	2619	277	1653	5612
2806	14262	10447	15657	6046	1529	874	874	3146	782	2463	278	1506	5546
2807	14008	10209	15321	5922	1514	863	863	3054	754	2388	267	1463	5466
2808	12954	9255	14134	5750	1450	797	797	2907	688	2230	245	1400	5217
2809	11995	8523	12811	5299	1297	738	738	2569	635	2032	206	1310	5047
2810	11231	7894	11871	4972	1254	688	688	2386	604	1880	177	1204	4936
2811	10849	7509	11238	4765	1214	675	675	2281	571	1778	159	1119	4874
2812	10739	7272	10895	4680	1220	671	671	2209	574	1704	149	1064	4838
2813	11196	7468	11138	4692	1253	710	710	2221	621	1734	153	1080	4869
2814	12095	8117	11729	4840	1345	738	738	2379	659	1810	174	1020	4898
2815	13045	8691	12259	5077	1449	782	782	2461	702	1947	205	1062	5104
2816	13460	9500	13480	5426	1485	805	805	2699	732	2163	229	1254	5306
2817	14769	9715	13915	5610	1569	856	856	2758	745	2277	238	1403	5422
2818	15679	10207	14412	6145	1637	907	907	2878	759	2305	258	1463	5628
2819	15418	10584	15218	6347	1606	923	923	2951	766	2382	272	1475	5765
2820	14653	10738	15743	6284	1559	893	893	2995	754	2507	269	1511	5750
2821	13971	10649	15991	6034	1502	851	851	2973	750	2562	262	1576	5644
2822	13504	10601	15893	5829	1473	823	823	2895	748	2631	253	1685	5601
2823	13320	10484	15809	5659	1461	812	812	2814	745	2694	246	1830	5561
2824	13295	10494	15681	5585	1459	805	805	2783	745	2816	242	1919	5542
2825	13327	10560	15344	5671	1460	806	806	2780	751	2876	242	1940	5578
2826	13440	10567	14984	5953	1465	808	808	2813	757	2860	246	1849	5407
2827	13601	10366	14666	5928	1463	805	805	2870	772	2696	245	1741	5334
2828	13726	10922	16545	5831	1462	804	804	2887	852	2816	243	1938	5341
2829	14047	11175	16121	5956	1466	815	815	3107	806	2719	264	1791	5484
2830	13609	10036	14473	5887	1485	831	831	3023	741	2430	271	1581	5380
2831	13265	9598	13905	5548	1467	804	804	2808	720	2286	240	1472	5307
2832	12562	8963	13168	5443	1437	758	758	2724	655	2193	227	1444	5184
2833	11803	8062	12233	5136	1342	711	711	2543	624	2026	197	1366	4950
2834	11116	7415	11348	4858	1237	651	651	2318	596	1888	170	1259	4793
2835	10708	7020	10652	4663	1112	651	651	2212	574	1781	153	1185	4733
2836	10635	6820	10261	4563	1128	628	628	2122	564	1697	145	1126	4688
2837	10841	6916	10371	4588	1106	660	660	2153	587	1680	147	1083	4701
2838	11512	7294	10435	4709	1149	680	680	2250	609	1701	159	986	4637
2839	12352	7481	10584	4838	1265	711	711	2260	643	1763	177	986	4790
2840	13134	8501	11823	5198	1394	770	770	2555	690	2002	202	1219	5126
2841	13637	8992	12783	5421	1432	787	787	2664	701	2187	216	1410	5250
2842	14472	9083	13117	5579	1515	814	814	2687	707	2253	218	1509	5327
2843	14716	9208	13269	5751	1553	820	820	2731	717	2274	222	1532	5453
2844	14319	9278	13582	5800	1553	821	821	2760	720	2348	223	1620	5546
2845	13915	9324	13837	5744	1537	814	814	2783	719	2471	229	1751	5508
2846	13493	9339	14130	5607	1500	802	802	2755	717	2600	225	1882	5478
2847	13280	9337	14288	5498	1455	794	794	2731	714	2697	224	2009	5498
2848	13231	9404	14385	5491	1447	788	788	2714	721	2825	223	2063	5542
2849	13295	9585	14298	5592	1443	793	793	2728	728	2922	227	2152	5512
2850	13502	9724	14265	5776	1470	803	803	2770	729	2978	227	2058	5365
2851	13665	9705	14073	5722	1480	798	798	2752	752	2869	227	1870	5307
2852	14065	10460	16350	5724	1502	802	802	2804	882	3101	229	2124	5396
2853	15100	10934	16314	6136	1569	836	836	3155	840	3067	252	1940	5727
2854	14677	9684	14242	6229	1634	869	869	3133	724	2615	266	1652	5466
2855	13279	9007	13155	5606	1455	793	793	2803	693	2275	229	1519	5249
2856	12609	8485	12663	5398	1366	752	752	2674	641	2185	211	1477	5108
2857	11653	7723	11913	5146	1239	714	714	2443	604	1985	181	1360	4944
2858	11150	7224	11182	4930	1175	643	643	2322	583	1850	159	1238	4816
2859	10973	7010	10723	4814	1156	649	649	2158	570	1743	150	1141	4765
2860	11157	7124	10867	4784	1184	639	639	2128	593	1747	151	1108	4801
2861	12012	7908	11719	4849	1210	686	686	2263	687	1805	169	1154	4980
2862	13826	9419	13788	5186	1352	750	750	2717	767	2096	211	1217	5314
2863	14922	10457	15198	5793	1531	843	843	2968	786	2411	263	1370	5589
2864	17370	10624	15812	6138	1713	904	904	3059	795	2526	275	1523	5701
2865	17205	10959	16057	6631	1695	948	948	3147	822	2549	294	1607	5880
2866	16827	11441	16893	6750	1719	953	953	3352	854	2570	312	1642	6010
2867	16267	11917	17947	6775	1694	953	953	3477	866	2670	332	1671	6163
2868	15812	12103	18787	6568	1640	934	934	3534	863	2788	332	1754	6163
2869	15388	12261	19575	6465	1630	916	916	3467	873	2936	331	1903	6127
2870	15115	12433	20340	6350	1579	899	899	3538	873	3149	330	2089	6098

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2871	14855	12498	20659	6267	1563	893	893	3484	870	3338	331	2292	5958
2872	14724	12400	20223	6205	1614	874	874	3440	857	3475	330	2355	5993
2873	14834	12185	19019	6320	1655	876	876	3377	823	3544	325	2303	5923
2874	15196	11724	17624	6562	1684	871	871	3302	800	3411	310	2138	5692
2875	15263	11373	16762	6328	1739	862	862	3180	807	3163	299	2006	5627
2876	15258	11853	18056	6239	1715	858	858	3177	952	3204	293	2150	5640
2877	15843	11901	17521	6377	1798	884	884	3465	882	3066	314	1918	5743
2878	15104	10696	15964	6402	1792	896	896	3328	786	2740	311	1677	5598
2879	14410	10311	15559	5997	1558	845	845	3054	754	2546	272	1629	5464
2880	13410	9414	14472	5849	1507	788	788	2858	694	2382	251	1510	5168
2881	12267	8333	12785	5416	1368	698	698	2546	639	2143	206	1386	4738
2882	11565	7652	11838	5037	1341	646	646	2288	606	1979	175	1255	4411
2883	11281	7251	11196	4847	1288	642	642	2195	587	1843	159	1170	4367
2884	11345	7238	11128	4783	1246	633	633	2194	605	1797	153	1113	4414
2885	12056	7991	11932	4818	1301	676	676	2275	686	1871	164	1171	4658
2886	13712	9568	13869	5157	1418	763	763	2704	774	2138	208	1209	5138
2887	14713	10565	15481	5756	1579	847	847	3002	792	2452	265	1363	5560
2888	16820	10719	16111	6133	1735	927	927	3067	800	2556	281	1509	5677
2889	16487	11016	16384	6584	1700	952	952	3170	823	2582	306	1602	5903
2890	15716	11584	17301	6630	1656	941	941	3401	851	2589	320	1647	6089
2891	15236	12087	18408	6614	1644	929	929	3526	866	2648	312	1661	6240
2892	14967	12224	19208	6331	1641	919	919	3614	868	2740	324	1735	6165
2893	14650	12592	20042	6330	1652	896	896	3574	886	2862	328	1835	6197
2894	14541	12808	20765	6215	1659	894	894	3659	894	3096	332	2029	6227
2895	14454	12923	21115	6142	1666	882	882	3571	898	3283	331	2229	6251
2896	14440	12784	20603	6117	1657	873	873	3496	880	3483	334	2361	6333
2897	14570	12404	19405	6268	1681	878	878	3492	839	3582	334	2403	6080
2898	14809	11876	17840	6461	1685	872	872	3292	810	3462	318	2272	5697
2899	14983	11508	16823	6257	1685	862	862	3214	805	3209	300	2052	5609
2900	14977	11889	17950	6169	1644	858	858	3251	960	3233	289	2225	5624
2901	15608	12066	17503	6306	1660	878	878	3500	887	3092	309	1999	5756
2902	15057	10793	16190	6372	1768	895	895	3324	792	2768	315	1710	5583
2903	14233	10392	15700	5951	1595	848	848	3065	753	2580	274	1643	5427
2904	13244	9347	14302	5746	1541	768	768	2861	689	2404	249	1549	5047
2905	12364	8524	12768	5347	1396	712	712	2553	634	2189	205	1398	4887
2906	11710	7813	11800	4998	1297	665	665	2382	599	2007	178	1262	4740
2907	11433	7442	11114	4808	1274	658	658	2287	581	1895	162	1162	4678
2908	11493	7362	11023	4760	1246	659	659	2225	597	1839	156	1109	4681
2909	12223	8085	11827	4804	1301	689	689	2327	685	1891	167	1150	4897
2910	13763	9630	13820	5145	1442	763	763	2719	771	2168	212	1172	5253
2911	14765	10627	15579	5733	1614	849	849	2993	793	2473	268	1334	5600
2912	16916	10795	16230	6129	1703	913	913	3049	800	2589	281	1508	5730
2913	16620	11167	16478	6659	1713	943	943	3163	823	2621	300	1607	5881
2914	15934	11835	17435	6772	1723	933	933	3344	849	2629	310	1647	6046
2915	15562	12280	18628	6686	1731	922	922	3365	850	2691	324	1667	6150
2916	15083	12318	19459	6465	1725	902	902	3464	863	2809	334	1746	6195
2917	14926	12690	20329	6391	1724	895	895	3510	882	2956	336	1892	6291
2918	14751	13021	21110	6229	1682	897	897	3551	902	3166	339	2092	6272
2919	14603	13187	21320	6163	1675	889	889	3524	905	3347	339	2270	6218
2920	14534	13074	20896	6137	1688	881	881	3467	892	3512	342	2426	6295
2921	14699	12727	19540	6261	1703	881	881	3390	848	3624	344	2445	6246
2922	14885	12042	17956	6445	1720	882	882	3350	823	3451	331	2193	5830
2923	14836	11591	16949	6177	1729	871	871	3196	830	3179	308	1965	5684
2924	14829	11920	17877	6080	1691	869	869	3152	966	3163	302	2113	5679
2925	15517	12193	17496	6237	1723	890	890	3452	900	3045	323	1909	5798
2926	15126	10852	16294	6442	1724	908	908	3283	794	2755	321	1667	5621
2927	14288	10447	15766	5936	1624	850	850	3037	763	2618	278	1625	5494
2928	13480	9392	14302	5770	1565	788	788	2833	692	2418	253	1520	5159
2929	12149	8390	12955	5301	1425	732	732	2509	634	2180	209	1383	4929
2930	11385	7776	11911	4915	1311	682	682	2358	599	2012	183	1248	4772
2931	11246	7347	11347	4734	1302	673	673	2239	586	1903	168	1133	4723
2932	11204	7291	11158	4686	1284	663	663	2179	603	1807	160	1052	4719
2933	12011	8055	11994	4742	1314	691	691	2301	691	1879	173	1107	4886
2934	13776	9652	13805	5090	1478	768	768	2732	778	2123	216	1137	5258
2935	15107	10696	15527	5680	1612	852	852	3021	798	2438	269	1326	5608
2936	17673	10850	16221	6049	1800	931	931	3078	806	2557	283	1493	5685
2937	16860	11149	16418	6487	1794	974	974	3144	832	2582	309	1594	5833
2938	15894	11673	17275	6551	1762	973	973	3382	872	2598	327	1630	5975
2939	15382	12168	18431	6543	1723	960	960	3456	892	2679	338	1663	6068
2940	14863	12300	19235	6383	1724	941	941	3537	898	2790	342	1744	6101
2941	14609	12609	20050	6285	1704	914	914	3513	929	2922	347	1871	6172
2942	14431	12855	20860	6188	1700	909	909	3533	929	3135	348	1992	6204
2943	14304	13059	21148	6088	1673	901	901	3537	907	3328	344	2228	6237
2944	14223	13022	20745	6009	1673	888	888	3454	873	3484	343	2415	6169
2945	14255	12710	19607	6064	1693	896	896	3400	838	3550	339	2461	6041
2946	14297	12014	18049	6185	1653	898	898	3319	819	3386	327	2296	5827
2947	14302	11576	16976	6004	1653	879	879	3198	828	3137	305	2021	5709
2948	14360	11855	17941	5930	1640	876	876	3193	964	3178	292	2206	5738
2949	14985	12213	17667	6109	1666	905	905	3483	898	3060	310	1975	5817
2950	14911	10950	16347	6331	1757	924	924	3326	799	2744	307	1684	5637
2951	14154	10511	15861	5846	1628	855	855	3055	758	2577	277	1615	5511
2952	13167	9310	14474	5685	1564	805	805	2912	684	2370	248	1498	5207

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
2953	11914	8506	12995	5214	1286	724	724	2595	646	2127	206	1364	4962
2954	11014	7786	11978	4812	1187	669	669	2360	616	1957	179	1229	4806
2955	10792	7349	11264	4636	1107	663	663	2217	592	1791	164	1130	4761
2956	10867	7327	11120	4594	1120	656	656	2187	607	1728	158	1069	4793
2957	11731	8067	11940	4654	1131	694	694	2235	690	1794	168	1120	4952
2958	13574	9555	13740	5004	1278	763	763	2692	766	2066	208	1140	5290
2959	14817	10693	15374	5641	1583	844	844	2953	788	2417	258	1317	5606
2960	17670	10895	16144	6059	1732	922	922	3034	813	2556	273	1493	5736
2961	17348	11178	16396	6607	1805	949	949	3103	854	2584	298	1587	5983
2962	16474	11718	17315	6739	1764	965	965	3276	895	2606	315	1625	6153
2963	15725	12308	18442	6696	1754	952	952	3316	897	2682	320	1658	6291
2964	15179	12459	19289	6502	1708	927	927	3405	878	2817	325	1760	6266
2965	14839	12793	20106	6396	1681	909	909	3394	881	2978	325	1899	6287
2966	14587	13158	20845	6275	1681	897	897	3398	888	3170	329	2112	6085
2967	14383	13271	20744	6145	1669	888	888	3348	870	3368	326	2331	6018
2968	14286	13185	20208	6059	1670	879	879	3301	856	3515	316	2463	6029
2969	14326	12805	18889	6066	1684	876	876	3218	816	3551	311	2440	5884
2970	14335	12159	17395	6112	1676	860	860	3135	788	3382	297	2181	5693
2971	14299	11719	16566	5994	1632	850	850	3059	789	3056	281	1943	5625
2972	14231	11764	17147	5942	1613	846	846	3048	892	3033	273	2107	5620
2973	14417	11840	16913	5997	1606	849	849	3162	856	2906	280	1904	5638
2974	14230	10974	16197	6024	1626	859	859	3092	787	2677	282	1671	5611
2975	13932	10716	15795	5863	1593	845	845	3028	757	2578	266	1620	5497
2976	12921	9797	14395	5704	1544	796	796	2889	688	2410	247	1533	5172
2977	12027	8835	13050	5202	1371	721	721	2571	650	2168	208	1431	4958
2978	11322	8094	12039	4805	1308	667	667	2390	622	1980	181	1309	4793
2979	10920	7599	11331	4550	1251	644	644	2262	592	1807	163	1203	4701
2980	10708	7309	10951	4445	1214	627	627	2165	589	1704	151	1132	4643
2981	11031	7460	11175	4438	1215	659	659	2160	627	1707	152	1128	4639
2982	11715	8049	11729	4554	1268	687	687	2328	650	1750	168	1020	4643
2983	12598	8767	12336	4814	1419	740	740	2413	698	1916	191	1095	5003
2984	13118	9898	13732	5279	1538	789	789	2702	733	2248	217	1326	5284
2985	14066	10209	14281	5479	1660	813	813	2788	743	2440	231	1517	5407
2986	15212	10580	14884	5980	1842	849	849	2962	760	2484	249	1616	5618
2987	15248	11076	15904	6186	1889	864	864	3067	773	2570	271	1642	5765
2988	14761	11432	16736	6197	1882	849	849	3133	765	2742	275	1732	5764
2989	14130	11554	17190	5969	1739	827	827	3109	764	2862	274	1868	5650
2990	13595	11699	17139	5753	1632	808	808	3019	761	3023	269	2056	5608
2991	13320	11789	17145	5585	1591	802	802	2903	762	3124	263	2233	5561
2992	13271	11921	17049	5511	1558	795	795	2859	760	3279	259	2361	5521
2993	13343	11924	16549	5593	1562	798	798	2835	760	3330	262	2377	5545
2994	13471	11855	15872	5803	1621	801	801	2856	756	3269	270	2229	5382
2995	13610	11414	15279	5718	1600	797	797	2864	766	3010	263	2008	5309
2996	13629	11584	16933	5603	1592	792	792	2863	854	3003	251	2135	5301
2997	13899	11852	16720	5670	1592	803	803	3167	809	2892	271	1951	5398
2998	13598	10631	14840	5751	1655	819	819	3116	743	2608	283	1721	5344
2999	13112	10179	14212	5480	1567	791	791	2833	724	2477	239	1626	5282
3000	12614	9472	13366	5362	1518	756	756	2743	668	2367	224	1586	5079
3001	11692	8548	12428	5056	1418	714	714	2567	629	2173	194	1497	4963
3002	10977	7818	11591	4761	1310	662	662	2373	599	2009	170	1382	4835
3003	10482	7337	10875	4562	1174	649	649	2240	578	1845	153	1291	4777
3004	10363	7069	10489	4440	1126	628	628	2161	566	1736	144	1211	4740
3005	10521	7123	10567	4470	1106	648	648	2153	585	1690	143	1147	4734
3006	11134	7324	10541	4547	1126	661	661	2243	591	1680	151	1003	4637
3007	12005	7641	10712	4653	1210	691	691	2204	636	1727	162	1051	4807
3008	12893	8834	12027	5052	1386	754	754	2502	691	2045	188	1319	5112
3009	13414	9527	13062	5311	1468	778	778	2661	707	2315	210	1541	5227
3010	14267	9644	13386	5451	1530	796	796	2693	713	2424	213	1658	5313
3011	14565	9841	13551	5637	1599	804	804	2730	726	2449	218	1682	5475
3012	14105	10034	13907	5692	1618	809	809	2777	734	2526	223	1781	5595
3013	13729	10237	14197	5631	1600	804	804	2811	737	2655	232	1935	5548
3014	13330	10397	14563	5502	1564	797	797	2781	739	2796	230	2095	5528
3015	13107	10494	14787	5407	1532	793	793	2774	733	2906	230	2264	5556
3016	13060	10713	14916	5396	1531	785	785	2751	739	3042	232	2340	5628
3017	13163	11023	14782	5476	1534	793	793	2774	745	3101	239	2424	5621
3018	13430	11145	14687	5621	1577	804	804	2835	744	3089	240	2241	5437
3019	13600	10946	14396	5565	1576	797	797	2802	760	2935	237	2008	5333
3020	13961	11232	16137	5536	1597	800	800	2827	882	2982	234	2105	5390
3021	15100	11809	16350	5809	1644	825	825	3189	843	2951	254	1968	5716
3022	15067	10310	14398	6031	1766	869	869	3161	730	2646	277	1757	5495
3023	13167	9604	13410	5521	1563	796	796	2796	699	2437	232	1669	5227
3024	12368	8926	12878	5301	1441	760	760	2669	651	2313	209	1617	5110
3025	11357	7967	11989	4965	1256	718	718	2460	610	2074	184	1450	4918
3026	10867	7334	11201	4688	1200	647	647	2282	583	1903	162	1296	4786
3027	10517	7010	10723	4540	1156	653	653	2136	570	1767	151	1172	4747
3028	10738	7094	10814	4481	1186	637	637	2128	594	1743	150	1108	4776
3029	11589	7904	11723	4539	1217	679	679	2242	679	1780	166	1147	4913
3030	13464	9439	13839	4852	1371	748	748	2683	763	2066	205	1159	5199
3031	14533	10733	15392	5487	1611	841	841	2956	792	2460	256	1397	5512
3032	16825	10965	16029	5846	1748	894	894	3044	799	2639	271	1608	5612
3033	16819	11364	16296	6356	1749	934	934	3127	826	2694	285	1722	5853
3034	16514	12115	17092	6653	1791	942	942	3277	867	2707	306	1754	6058

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3035	16194	12884	18099	6775	1822	941	941	3359	890	2783	331	1854	6311
3036	15767	13271	18853	6577	1762	923	923	3430	889	2888	340	2060	6331
3037	15398	13697	19639	6462	1793	909	909	3428	907	3038	344	2257	6276
3038	15213	14135	20377	6301	1738	897	897	3538	909	3230	350	2398	6232
3039	14894	14408	20659	6168	1720	896	896	3504	904	3404	356	2605	6054
3040	14739	14420	20216	6072	1826	878	878	3468	884	3528	359	2686	6147
3041	14858	14033	19099	6235	1893	883	883	3382	848	3594	352	2584	6070
3042	15142	13205	17735	6577	1954	872	872	3317	814	3465	328	2396	5721
3043	15210	12500	16893	6276	2037	861	861	3187	811	3227	309	2177	5603
3044	15070	12572	17858	6138	1987	854	854	3120	952	3169	297	2315	5592
3045	15612	12709	17518	6305	2059	876	876	3380	889	3070	309	2077	5736
3046	15142	11060	16151	6494	2060	899	899	3277	793	2831	310	1789	5548
3047	14221	10622	15737	5848	1695	845	845	3045	760	2694	271	1727	5427
3048	13295	9620	14572	5677	1604	794	794	2862	697	2503	251	1586	5122
3049	11868	8517	12855	5224	1404	714	714	2535	642	2232	206	1452	4718
3050	11055	7785	11875	4828	1361	657	657	2318	606	2035	176	1294	4409
3051	10741	7393	11216	4625	1288	644	644	2202	587	1868	159	1188	4367
3052	10797	7326	11128	4566	1254	633	633	2194	604	1797	153	1113	4410
3053	11564	8094	11963	4616	1306	666	666	2259	677	1854	162	1164	4596
3054	13428	9606	13895	4996	1436	749	749	2658	768	2113	203	1168	5078
3055	14522	10708	15634	5653	1651	846	846	2974	795	2485	258	1374	5546
3056	16820	10896	16294	6017	1885	912	912	3076	801	2639	274	1564	5671
3057	16576	11373	16569	6396	1893	942	942	3172	826	2680	301	1679	5904
3058	15850	12188	17498	6456	1845	941	941	3401	860	2693	324	1735	6077
3059	15487	12918	18510	6485	1863	937	937	3495	879	2766	320	1767	6203
3060	15225	13055	19266	6251	1880	930	930	3650	891	2876	340	1901	6151
3061	14959	13630	20034	6250	1902	910	910	3631	912	3048	347	2089	6176
3062	14739	13974	20724	6175	1926	912	912	3699	926	3303	351	2322	6206
3063	14558	14094	21115	6099	1980	900	900	3597	929	3430	357	2484	6242
3064	14502	13967	20746	6061	1960	895	895	3575	901	3605	364	2620	6333
3065	14709	13473	19587	6160	2005	902	902	3565	851	3676	363	2727	6071
3066	15011	12728	18016	6302	2072	898	898	3347	819	3520	341	2551	5687
3067	15180	12123	16953	6106	2068	881	881	3244	808	3233	316	2225	5593
3068	15122	12320	17800	6017	1910	875	875	3213	960	3174	297	2374	5599
3069	15730	12703	17554	6109	1894	895	895	3460	903	3077	316	2127	5696
3070	15416	10995	16366	6305	2169	926	926	3313	797	2818	323	1799	5573
3071	14210	10544	15847	5880	1705	852	852	3076	758	2676	272	1727	5419
3072	13206	9434	14399	5692	1614	791	791	2871	693	2457	248	1614	5047
3073	11877	8679	12898	5221	1460	721	721	2582	637	2242	206	1451	4902
3074	11058	7959	11839	4818	1348	675	675	2397	599	2039	179	1294	4738
3075	10726	7579	11137	4605	1317	658	658	2288	581	1911	163	1179	4678
3076	10814	7521	11023	4545	1278	658	658	2225	593	1839	156	1113	4685
3077	11724	8212	11847	4602	1306	684	684	2352	679	1899	166	1151	4846
3078	13617	9690	13803	4969	1457	756	756	2667	767	2161	208	1135	5200
3079	14748	10747	15704	5661	1667	854	854	2976	796	2501	263	1350	5586
3080	16916	10941	16416	6090	1921	927	927	3049	802	2653	278	1557	5680
3081	16612	11408	16660	6661	1923	970	970	3136	829	2702	299	1679	5837
3082	15842	12509	17585	6772	1995	972	972	3300	858	2714	316	1728	6019
3083	15507	13364	18773	6740	2072	966	966	3351	859	2780	338	1756	6138
3084	15144	13356	19501	6538	2118	944	944	3454	873	2906	354	1875	6174
3085	15010	13799	20302	6483	2118	936	936	3507	895	3066	362	2103	6286
3086	14890	14332	21082	6324	1930	945	945	3551	910	3280	370	2377	6258
3087	14756	14604	21363	6249	1962	933	933	3526	914	3474	368	2648	6197
3088	14688	14660	21009	6218	2084	926	926	3466	896	3636	372	2837	6295
3089	14893	14106	19736	6374	2136	919	919	3396	853	3766	378	2816	6208
3090	15097	12993	18156	6573	2213	918	918	3344	833	3581	360	2515	5825
3091	15046	12213	17101	6264	2242	897	897	3213	841	3289	327	2168	5683
3092	14937	12318	17742	6120	2133	888	888	3178	972	3203	312	2247	5657
3093	15501	12982	17518	6218	2213	916	916	3392	907	3090	327	2025	5734
3094	15234	11053	16477	6501	2226	958	958	3236	797	2836	330	1751	5606
3095	14323	10600	15937	5936	1754	862	862	3048	764	2703	278	1703	5498
3096	13265	9550	14380	5741	1637	809	809	2858	690	2498	254	1576	5189
3097	11992	8563	13125	5238	1502	751	751	2530	641	2243	210	1467	4964
3098	11141	7950	12063	4824	1370	710	710	2339	601	2061	184	1331	4793
3099	10904	7540	11463	4609	1348	690	690	2224	586	1926	168	1227	4719
3100	10873	7539	11299	4547	1317	678	678	2179	606	1824	160	1148	4726
3101	11729	8224	12150	4591	1353	708	708	2259	689	1884	173	1187	4882
3102	13642	9659	13871	4924	1512	775	775	2685	773	2107	213	1183	5251
3103	14927	10722	15677	5595	1682	862	862	3011	799	2464	266	1396	5609
3104	17673	10919	16401	5989	2167	921	921	3082	808	2624	282	1570	5698
3105	16968	11522	16635	6459	2227	959	959	3159	837	2672	312	1671	5859
3106	16044	12471	17662	6551	2182	970	970	3446	882	2682	337	1703	5990
3107	15568	13420	19091	6519	2100	980	980	3496	902	2775	356	1759	6088
3108	15040	13482	20169	6355	2094	942	942	3631	912	2910	368	1883	6115
3109	14809	14028	21076	6263	2051	924	924	3589	946	3083	378	2061	6191
3110	14628	14570	22100	6151	2000	919	919	3587	942	3355	382	2243	6227
3111	14462	14967	22528	6060	1939	915	915	3574	910	3565	382	2556	6237
3112	14360	14973	22135	5992	2005	898	898	3473	879	3781	383	2775	6161
3113	14424	14380	20731	6043	2060	904	904	3440	840	3847	381	2731	5936
3114	14472	13183	18732	6158	1875	910	910	3363	820	3667	362	2474	5766
3115	14457	12257	17317	5956	1863	888	888	3227	824	3349	326	2129	5677
3116	14489	12385	18203	5883	1829	884	884	3216	982	3314	302	2251	5688

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3117	15028	13546	18088	5992	1887	906	906	3496	902	3190	318	2052	5734
3118	15079	11155	16536	6237	2188	937	937	3339	801	2852	320	1750	5627
3119	14177	10597	16036	5804	1780	869	869	3053	762	2670	279	1681	5511
3120	13105	9480	14658	5620	1631	824	824	2902	682	2453	252	1564	5226
3121	11923	8528	13184	5188	1458	729	729	2597	633	2214	208	1397	4960
3122	11077	7795	12116	4804	1382	678	678	2358	608	2025	181	1257	4820
3123	10792	7365	11429	4614	1320	658	658	2232	592	1857	164	1146	4761
3124	10839	7327	11239	4571	1306	656	656	2187	610	1789	158	1079	4780
3125	11630	8078	12085	4601	1310	682	682	2258	690	1841	167	1129	4915
3126	13429	9576	13817	4914	1384	758	758	2667	764	2086	206	1132	5229
3127	14636	10771	15480	5554	1630	850	850	2954	792	2440	256	1349	5596
3128	17670	10972	16335	5960	1951	932	932	3039	821	2610	272	1533	5720
3129	17469	11604	16645	6540	2189	969	969	3195	889	2650	309	1635	5939
3130	16636	12786	17845	6739	2162	993	993	3544	953	2676	338	1668	6138
3131	15829	13985	19352	6728	2159	982	982	3629	963	2790	351	1706	6267
3132	15357	14176	20395	6502	2026	959	959	3798	939	2979	363	1830	6211
3133	14921	14790	21407	6402	1967	937	937	3781	939	3226	366	2023	6291
3134	14659	15542	22392	6302	1931	922	922	3799	959	3492	372	2305	6070
3135	14432	15936	22350	6189	1891	914	914	3702	921	3761	370	2593	6011
3136	14286	15739	21661	6105	1878	902	902	3590	896	3951	360	2795	6039
3137	14279	14919	19979	6098	1898	898	898	3436	840	3946	346	2752	5886
3138	14317	13434	18026	6144	1860	875	875	3233	798	3707	319	2435	5691
3139	14213	12472	16884	5991	1744	861	861	3081	798	3280	291	2091	5620
3140	14087	12243	17314	5905	1712	855	855	3046	958	3189	278	2238	5610
3141	14255	12901	17184	5922	1659	859	859	3252	921	3057	285	2041	5616
3142	14164	11143	16402	5965	1676	876	876	3156	796	2769	290	1735	5604
3143	13902	10758	15984	5812	1639	854	854	3025	766	2646	267	1663	5496
3144	12858	9795	14579	5660	1576	808	808	2870	698	2481	248	1569	5196
3145	12007	8906	13148	5158	1441	724	724	2566	654	2230	208	1470	5005
3146	11292	8197	12125	4782	1378	672	672	2389	628	2038	182	1350	4845
3147	10925	7686	11334	4544	1331	641	641	2276	593	1870	163	1250	4752
3148	10708	7414	10951	4439	1277	627	627	2171	589	1748	151	1175	4704
3149	11004	7537	11155	4438	1259	649	649	2160	623	1741	151	1167	4641
3150	11609	8020	11503	4514	1293	677	677	2296	640	1753	166	1020	4639
3151	12437	8797	12193	4755	1420	732	732	2388	699	1920	187	1129	5016
3152	12956	9914	13759	5216	1554	793	793	2686	735	2268	214	1368	5281
3153	13970	10239	14414	5406	1671	824	824	2784	754	2480	230	1553	5394
3154	15248	11345	14921	5957	1868	883	883	3044	782	2533	257	1649	5599
3155	15129	12865	15854	6197	2024	914	914	3210	803	2636	295	1680	5759
3156	14564	13952	16632	6129	1980	890	890	3340	791	2836	304	1788	5765
3157	13924	14450	17180	5923	1778	855	855	3298	790	3009	300	1938	5668
3158	13427	14926	17249	5664	1651	822	822	3163	779	3220	293	2152	5624
3159	13152	15285	17299	5501	1634	818	818	2981	776	3374	288	2357	5583
3160	13081	15824	17310	5434	1619	808	808	2909	777	3600	288	2528	5539
3161	13137	15774	16906	5499	1637	814	814	2866	777	3655	292	2593	5542
3162	13253	15401	16008	5679	1732	825	825	2897	777	3534	300	2407	5386
3163	13384	13828	15318	5559	1708	815	815	2893	781	3187	284	2118	5310
3164	13387	13645	16432	5469	1692	808	808	2854	896	3101	263	2180	5293
3165	13661	15021	16557	5505	1689	826	826	3339	844	3007	286	2003	5348
3166	13578	11607	14902	5670	1792	858	858	3340	747	2675	311	1750	5336
3167	12960	10215	14345	5414	1603	804	804	2871	723	2527	243	1655	5279
3168	12520	9515	13418	5286	1529	781	781	2734	661	2411	222	1607	5102
3169	11618	8570	12492	4994	1435	719	719	2546	630	2240	192	1533	4984
3170	10899	7829	11656	4733	1323	670	670	2356	597	2085	169	1438	4860
3171	10483	7349	11038	4526	1186	645	645	2208	577	1928	153	1346	4796
3172	10363	7069	10684	4409	1130	628	628	2175	566	1840	143	1279	4758
3173	10521	7117	10725	4418	1119	639	639	2153	581	1789	143	1241	4716
3174	11032	7242	10489	4429	1131	663	663	2240	584	1763	152	1085	4637
3175	11857	7595	10711	4513	1211	685	685	2198	636	1822	160	1166	4827
3176	12765	8838	12014	4925	1383	764	764	2496	690	2103	187	1387	5113
3177	13275	9543	13101	5221	1470	793	793	2643	706	2356	208	1575	5210
3178	14191	9711	13387	5396	1611	836	836	2676	713	2460	211	1671	5300
3179	14605	10297	13622	5666	1693	852	852	2725	728	2491	218	1699	5454
3180	14127	10849	14029	5685	1694	858	858	2778	739	2604	224	1831	5570
3181	13747	11442	14318	5622	1648	848	848	2823	740	2801	235	2039	5513
3182	13349	11970	14700	5466	1586	830	830	2789	743	3011	232	2261	5516
3183	13056	12469	14935	5363	1559	819	819	2771	739	3170	232	2500	5541
3184	13003	13110	15104	5358	1539	805	805	2747	745	3371	234	2551	5599
3185	13114	13895	15039	5461	1546	818	818	2764	749	3448	243	2643	5577
3186	13409	14143	14806	5682	1582	835	835	2830	744	3395	242	2384	5428
3187	13559	13307	14385	5583	1563	820	820	2785	752	3138	236	2065	5329
3188	13764	13334	15782	5521	1593	826	826	2762	885	3116	231	2120	5342
3189	14561	15382	16350	5739	1655	863	863	3153	863	3088	248	1993	5564
3190	14739	11607	14441	6031	1801	949	949	3189	735	2709	278	1761	5469
3191	13021	9620	13408	5474	1565	823	823	2795	699	2467	231	1678	5212
3192	12180	8954	12887	5212	1414	769	769	2645	652	2343	207	1623	5108
3193	11424	8112	12131	4918	1261	709	709	2478	613	2146	184	1486	4931
3194	10877	7484	11365	4649	1190	655	655	2280	582	1974	163	1348	4797
3195	10501	7149	10870	4502	1156	648	648	2128	570	1848	152	1239	4747
3196	10580	7179	10893	4432	1210	637	637	2131	591	1820	150	1173	4778
3197	11248	7879	11714	4456	1209	672	672	2217	665	1825	163	1200	4872
3198	12806	9085	13268	4735	1332	735	735	2568	735	2039	196	1155	5166

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3199	13869	10358	14792	5361	1551	830	830	2828	773	2370	240	1374	5505
3200	14926	10741	15523	5743	1618	868	868	2948	778	2575	259	1574	5595
3201	15526	11064	15749	6231	1649	938	938	3035	803	2659	270	1693	5795
3202	15842	12136	16576	6577	1751	989	989	3222	840	2675	295	1729	6033
3203	15949	13212	17643	6775	1823	1002	1002	3372	865	2748	327	1828	6289
3204	15613	13826	18460	6654	1766	981	981	3494	862	2865	338	2022	6331
3205	15273	14354	19410	6579	1793	956	956	3548	873	3035	342	2200	6294
3206	15026	14943	20272	6391	1738	936	936	3652	878	3247	347	2340	6219
3207	14697	15447	20659	6236	1740	934	934	3608	876	3436	353	2552	6096
3208	14568	15704	20342	6123	1825	902	902	3543	862	3581	360	2686	6184
3209	14690	15281	19256	6341	1878	915	915	3426	835	3637	358	2607	6090
3210	15054	14351	17817	6717	1951	897	897	3369	801	3514	337	2454	5753
3211	15101	13347	16811	6355	2060	882	882	3161	797	3252	314	2190	5626
3212	14904	13120	17800	6123	2008	874	874	3065	952	3167	295	2319	5588
3213	15366	13958	17754	6200	2016	912	912	3509	904	3089	305	2104	5693
3214	15076	11109	15851	6433	2058	968	968	3406	780	2816	318	1782	5555
3215	13868	10535	15390	5807	1720	851	851	2998	752	2668	261	1713	5454
3216	13081	9669	14359	5634	1587	803	803	2816	692	2499	243	1599	5174
3217	11824	8653	13098	5224	1398	725	725	2503	645	2300	204	1468	4730
3218	11086	7990	12201	4842	1325	663	663	2328	611	2124	174	1326	4413
3219	10741	7615	11617	4628	1285	644	644	2219	594	1983	159	1229	4367
3220	10774	7586	11557	4561	1264	633	633	2231	609	1921	153	1170	4426
3221	11445	8285	12367	4586	1307	656	656	2300	678	1966	162	1219	4571
3222	13120	9683	14028	4892	1419	737	737	2624	763	2177	200	1198	5068
3223	14155	10929	15802	5555	1655	848	848	2951	797	2501	252	1410	5554
3224	15936	11160	16524	5915	1761	938	938	3065	802	2657	270	1601	5665
3225	16098	11444	16736	6259	1818	998	998	3144	827	2706	287	1713	5844
3226	15716	12099	17498	6404	1836	1021	1021	3365	863	2718	310	1772	5967
3227	15586	12726	18383	6512	1910	1021	1021	3449	887	2788	313	1795	6073
3228	15362	12877	19071	6359	1899	1014	1014	3614	899	2904	335	1906	6038
3229	15142	13382	19894	6347	1931	984	984	3645	926	3075	344	2073	6068
3230	14939	13786	20577	6293	1971	983	983	3699	950	3326	352	2281	6115
3231	14664	14038	21115	6206	1986	971	971	3625	956	3451	358	2431	6085
3232	14566	14094	20888	6154	1958	967	967	3558	924	3611	363	2597	6124
3233	14710	13727	19955	6252	2028	978	978	3563	867	3676	364	2727	5925
3234	14892	12974	18558	6362	2108	965	965	3342	829	3514	344	2604	5650
3235	14897	12269	17409	6092	2100	924	924	3228	816	3242	318	2289	5585
3236	14751	12168	17870	5978	1913	913	913	3179	960	3140	298	2316	5581
3237	15192	12631	17745	6027	1893	946	946	3389	921	3079	308	2133	5620
3238	15280	11327	16644	6241	2169	1006	1006	3302	800	2843	314	1840	5575
3239	14081	10918	16205	5842	1763	865	865	3067	766	2710	270	1769	5434
3240	13222	9869	14952	5662	1655	808	808	2885	703	2542	248	1675	5048
3241	11888	8941	13479	5212	1502	737	737	2614	650	2336	205	1544	4936
3242	11059	8192	12450	4841	1393	687	687	2398	615	2158	178	1401	4762
3243	10726	7771	11767	4640	1349	661	661	2283	602	2024	161	1293	4681
3244	10796	7687	11678	4545	1288	658	658	2224	607	1954	154	1232	4678
3245	11604	8389	12418	4572	1311	675	675	2334	686	2004	163	1269	4799
3246	13383	9818	14126	4878	1471	752	752	2644	765	2218	203	1252	5143
3247	14414	11044	16111	5553	1699	862	862	2985	803	2533	255	1463	5569
3248	16500	11330	16990	5923	1847	944	944	3063	808	2710	274	1653	5672
3249	16384	11538	17155	6318	1878	1005	1005	3147	833	2774	286	1771	5849
3250	15818	12258	17719	6451	1920	1019	1019	3324	867	2790	303	1830	6002
3251	15640	13031	18725	6463	1987	1031	1031	3380	875	2854	324	1843	6137
3252	15349	13080	19388	6333	2055	998	998	3509	895	2973	342	1927	6173
3253	15272	13525	20185	6311	2092	990	990	3576	914	3137	348	2108	6218
3254	15155	14116	20973	6209	1972	992	992	3653	960	3344	363	2338	6166
3255	15007	14471	21363	6178	2008	974	974	3605	956	3521	366	2588	6094
3256	14877	14660	21325	6128	2122	970	970	3537	938	3675	373	2807	6160
3257	15089	14257	20441	6251	2229	979	979	3480	880	3766	378	2837	6104
3258	15368	13302	19060	6388	2242	963	963	3423	846	3625	358	2595	5804
3259	15267	12596	17934	6159	2231	921	921	3251	835	3360	326	2282	5667
3260	15025	12275	18205	6060	2131	910	910	3179	972	3224	308	2285	5632
3261	15515	12804	18068	6109	2175	945	945	3380	929	3140	314	2109	5666
3262	15269	11444	17136	6282	2197	1023	1023	3262	806	2906	323	1874	5586
3263	14217	11018	16655	5874	1810	880	880	3063	775	2782	274	1822	5474
3264	13158	9970	15231	5701	1695	827	827	2872	705	2612	251	1716	5154
3265	12054	8953	13624	5211	1577	764	764	2549	643	2366	208	1591	4953
3266	11239	8213	12545	4813	1423	724	724	2359	604	2179	181	1448	4788
3267	10873	7802	11858	4600	1383	694	694	2246	582	2057	163	1330	4720
3268	10915	7739	11705	4547	1317	681	681	2179	598	1965	154	1244	4719
3269	11660	8425	12473	4572	1359	709	709	2247	678	2000	164	1264	4829
3270	13352	9820	14118	4851	1505	770	770	2638	763	2193	204	1236	5204
3271	14311	11110	16222	5535	1715	872	872	2984	807	2537	256	1487	5572
3272	15943	11387	17171	5873	1837	938	938	3052	811	2726	277	1689	5668
3273	15834	11637	17368	6267	1951	1001	1001	3141	841	2807	291	1823	5829
3274	15465	12288	18084	6401	1975	1033	1033	3393	889	2827	308	1874	5967
3275	15273	13040	19203	6415	2072	1070	1070	3496	918	2879	326	1907	6059
3276	14959	13237	20150	6289	2032	1028	1028	3631	935	2986	348	2017	6043
3277	14784	13801	21052	6223	2018	1001	1001	3612	974	3147	363	2167	6122
3278	14687	14399	22032	6132	2117	996	996	3625	982	3388	377	2327	6164
3279	14517	14813	22528	6047	2037	995	995	3612	950	3606	382	2590	6160
3280	14445	14973	22469	5999	2133	967	967	3522	918	3786	380	2775	6088

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3281	14529	14578	21416	6058	2183	974	974	3504	855	3847	383	2759	5862
3282	14548	13676	19657	6162	1978	972	972	3362	828	3717	366	2546	5711
3283	14497	12769	18247	5948	1964	920	920	3206	826	3424	332	2261	5634
3284	14432	12435	18475	5860	1918	914	914	3174	959	3303	305	2240	5641
3285	14732	13081	18372	5909	1942	946	946	3446	902	3201	311	2121	5671
3286	14886	11558	17343	6161	2227	1015	1015	3346	811	2956	316	1910	5593
3287	14112	11101	16821	5794	1882	893	893	3045	770	2823	277	1857	5484
3288	13254	9915	15330	5632	1710	846	846	2890	687	2642	254	1746	5210
3289	11977	9090	13786	5185	1530	749	749	2608	644	2416	211	1586	4947
3290	11131	8350	12631	4818	1443	688	688	2375	620	2225	182	1446	4819
3291	10806	7911	11869	4618	1353	662	662	2241	604	2055	165	1332	4761
3292	10792	7813	11640	4571	1320	656	656	2187	624	1976	157	1252	4769
3293	11482	8512	12437	4584	1363	674	674	2267	693	2017	165	1271	4882
3294	13191	9856	14063	4879	1475	752	752	2616	766	2199	200	1252	5184
3295	14088	11137	15929	5501	1712	860	860	2976	804	2550	251	1487	5565
3296	15438	11431	16936	5882	1875	931	931	3051	811	2759	271	1684	5686
3297	15576	11813	17182	6327	1988	984	984	3171	847	2833	288	1809	5912
3298	15355	12702	18156	6493	2047	1019	1019	3474	897	2850	312	1851	6083
3299	15109	13693	19458	6502	2112	1012	1012	3588	911	2937	327	1880	6246
3300	14893	13862	20446	6355	2008	1001	1001	3739	916	3081	345	1984	6208
3301	14699	14550	21398	6321	2058	980	980	3713	935	3297	352	2154	6252
3302	14582	15405	22265	6238	2076	970	970	3799	963	3543	367	2395	6023
3303	14423	15875	22392	6142	2090	969	969	3756	936	3781	372	2636	5984
3304	14338	15936	21939	6075	2096	949	949	3645	913	3951	365	2795	5997
3305	14338	15249	20521	6054	2189	948	948	3519	855	3948	362	2753	5826
3306	14351	13890	18698	6074	2156	917	917	3281	815	3762	340	2516	5643
3307	14264	12954	17536	5924	2009	891	891	3109	813	3407	309	2236	5583
3308	14111	12373	17572	5841	1947	879	879	3059	912	3252	292	2252	5577
3309	14165	12764	17502	5842	1865	887	887	3216	901	3136	290	2108	5579
3310	14127	11545	17021	5883	1845	911	911	3181	810	2920	294	1893	5576
3311	13944	11233	16515	5773	1767	874	874	3047	784	2837	271	1846	5471
3312	12986	10344	15023	5609	1705	834	834	2922	721	2684	253	1755	5204
3313	12123	9243	13567	5122	1569	749	749	2585	664	2441	212	1635	5021
3314	11402	8443	12567	4752	1493	693	693	2411	634	2260	185	1505	4889
3315	11006	7880	11774	4530	1427	638	638	2260	597	2090	164	1392	4801
3316	10708	7562	11348	4441	1377	627	627	2151	589	1965	150	1305	4757
3317	10912	7666	11549	4438	1354	646	646	2153	614	1946	149	1284	4641
3318	11470	8078	11777	4478	1382	656	656	2251	627	1913	162	1125	4639
3319	12293	9018	12545	4673	1471	717	717	2333	700	2073	180	1259	5011
3320	12985	10258	14138	5147	1618	808	808	2678	752	2412	211	1532	5262
3321	13459	10658	14840	5295	1677	837	837	2791	764	2637	236	1728	5388
3322	14306	11430	15190	5591	1813	910	910	2953	791	2704	246	1822	5615
3323	14481	12690	15933	5794	2007	951	951	3099	819	2776	271	1860	5768
3324	14184	13712	16605	5784	2024	936	936	3228	816	2941	283	1974	5765
3325	13783	14350	17115	5677	1921	909	909	3207	826	3118	286	2116	5682
3326	13427	15075	17310	5510	1804	869	869	3116	815	3310	290	2296	5640
3327	13157	15306	17237	5396	1809	860	860	3021	817	3465	291	2459	5593
3328	13111	15824	17268	5355	1825	849	849	2969	820	3626	298	2576	5545
3329	13151	15824	17007	5381	1818	869	869	2954	820	3655	304	2593	5528
3330	13209	15235	16247	5451	1885	892	892	2990	810	3546	311	2438	5370
3331	13228	13634	15576	5382	1855	860	860	2982	804	3267	295	2205	5293
3332	13167	12867	16015	5315	1805	846	846	2902	896	3119	274	2176	5273
3333	13276	13846	16216	5328	1758	868	868	3267	871	3021	279	2053	5295
3334	13305	11590	15169	5432	1791	898	898	3340	771	2790	293	1879	5307
3335	12995	10620	14751	5320	1689	830	830	2928	747	2700	247	1824	5258
3336	12575	9852	13789	5249	1622	801	801	2771	687	2588	231	1764	5088
3337	11710	8803	12728	4992	1514	732	732	2572	642	2384	198	1646	4966
3338	10977	8027	11834	4742	1437	688	688	2359	602	2223	173	1524	4841
3339	10532	7485	11201	4531	1372	645	645	2202	576	2048	154	1405	4774
3340	10363	7171	10785	4423	1342	632	632	2155	561	1941	142	1312	4748
3341	10471	7170	10768	4436	1331	635	635	2105	571	1868	140	1261	4675
3342	10833	7217	10482	4409	1331	654	654	2184	566	1816	146	1052	4599
3343	11572	7636	10759	4478	1367	671	671	2154	635	1890	151	1182	4784
3344	12588	8974	12201	4895	1467	768	768	2497	705	2192	182	1464	5078
3345	12949	9804	13420	5185	1531	805	805	2693	730	2475	210	1696	5173
3346	13734	10003	13774	5302	1638	844	844	2731	736	2603	214	1802	5266
3347	14131	10653	13976	5501	1710	866	866	2769	753	2631	222	1832	5422
3348	13840	11356	14373	5512	1732	864	864	2829	767	2733	230	1957	5536
3349	13586	12084	14710	5483	1687	853	853	2885	772	2910	244	2144	5490
3350	13260	12764	15127	5386	1653	836	836	2871	778	3088	242	2386	5487
3351	13022	13377	15437	5314	1629	825	825	2862	776	3224	243	2595	5515
3352	12962	14113	15668	5296	1624	815	815	2847	783	3380	244	2618	5561
3353	13037	14890	15625	5359	1627	824	824	2886	789	3448	253	2643	5547
3354	13247	14923	15330	5497	1677	834	834	2942	780	3385	251	2406	5403
3355	13319	13682	14792	5438	1661	824	824	2887	783	3169	242	2121	5272
3356	13459	13083	15512	5390	1666	829	829	2836	885	3076	235	2121	5256
3357	13998	15382	16214	5491	1680	865	865	3121	869	3035	246	2044	5375
3358	14404	11866	14678	5713	1801	949	949	3189	756	2765	278	1863	5374
3359	12928	9909	13784	5369	1623	834	834	2852	724	2613	233	1806	5173
3360	12061	9165	13212	5183	1494	778	778	2705	674	2480	210	1735	5071
3361	11451	8234	12008	4925	1348	711	711	2515	618	2227	182	1528	4900
3362	10868	7510	11083	4650	1259	666	666	2303	580	2018	158	1341	4765



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3363	10501	7151	10484	4501	1187	645	645	2096	564	1886	144	1188	4723
3364	10535	7194	10485	4432	1258	637	637	2128	584	1797	140	1093	4753
3365	11169	7890	11394	4435	1242	672	672	2206	658	1812	152	1110	4804
3366	12557	9054	13080	4661	1356	723	723	2558	733	2013	187	1028	5117
3367	13698	10500	14937	5267	1558	830	830	2843	790	2397	233	1336	5459
3368	14403	11040	15857	5672	1650	868	868	2987	798	2663	260	1624	5552
3369	14980	11189	16071	5983	1667	916	916	3047	816	2783	266	1799	5778
3370	15310	12008	16746	6234	1725	973	973	3223	852	2805	285	1856	6036
3371	15568	12940	17624	6384	1796	1002	1002	3355	881	2862	311	1920	6309
3372	15308	13463	18326	6337	1787	988	988	3441	885	2967	325	2077	6331
3373	15059	14155	19172	6296	1814	963	963	3528	901	3118	332	2215	6300
3374	14959	14859	20050	6161	1786	958	958	3652	915	3304	340	2336	6208
3375	14712	15454	20552	6061	1812	952	952	3629	914	3461	348	2537	6103
3376	14571	15704	20457	5989	1857	922	922	3582	903	3594	359	2680	6243
3377	14654	15388	19530	6136	1941	938	938	3447	871	3637	360	2686	6146
3378	14888	14341	18193	6324	1986	915	915	3372	831	3538	343	2534	5781
3379	14843	13357	17136	6039	2060	899	899	3226	819	3314	319	2255	5630
3380	14575	12783	17534	5868	1977	883	883	3082	942	3187	300	2292	5565
3381	14913	13498	17699	5879	1945	912	912	3409	918	3113	300	2157	5635
3382	14929	11370	16186	6090	2038	975	975	3380	802	2906	315	1900	5508
3383	13723	10853	15720	5731	1795	870	870	3026	769	2798	267	1839	5404
3384	13070	9911	14517	5582	1647	825	825	2849	704	2599	247	1676	5132
3385	11750	8940	12980	5202	1483	746	746	2473	639	2325	204	1529	4960
3386	10939	8236	11870	4837	1381	691	691	2250	600	2102	171	1348	4754
3387	10585	7849	11217	4632	1309	659	659	2127	577	1915	153	1235	4735
3388	10566	7771	11133	4561	1260	649	649	2110	590	1819	145	1151	4743
3389	11149	8458	12015	4589	1277	672	672	2194	661	1863	148	1204	4782
3390	12782	9756	13826	4866	1387	737	737	2512	761	2091	187	1152	5135
3391	13967	11054	15974	5498	1672	856	856	2931	820	2502	244	1435	5479
3392	15140	11366	16865	5843	1744	913	913	3103	827	2737	274	1690	5623
3393	15464	11718	17092	6176	1779	968	968	3164	839	2831	279	1836	5834
3394	15405	12442	17965	6352	1851	995	995	3369	867	2851	294	1909	5985
3395	15474	13095	19001	6512	1922	1015	1015	3444	888	2904	300	1939	6098
3396	15335	13236	19814	6390	1937	1021	1021	3613	904	3007	320	2049	6050
3397	15185	13746	20912	6388	1945	994	994	3657	930	3174	332	2198	6090
3398	14987	14196	21967	6351	2045	1002	1002	3699	952	3360	343	2383	6147
3399	14760	14482	22825	6258	2050	1002	1002	3664	957	3482	355	2509	6118
3400	14659	14583	22695	6213	2062	1001	1001	3610	939	3622	364	2643	6200
3401	14815	14231	21577	6344	2157	1011	1011	3620	895	3676	364	2727	5949
3402	14991	13469	19664	6492	2169	978	978	3423	862	3553	346	2630	5601
3403	14965	12726	18063	6180	2150	941	941	3255	846	3307	324	2365	5511
3404	14710	12427	18304	6038	2007	920	920	3192	941	3170	304	2313	5502
3405	14984	12894	18313	6012	1982	951	951	3361	922	3123	305	2186	5525
3406	15090	11535	17027	6192	2150	1006	1006	3316	830	2942	309	1954	5495
3407	13971	11145	16521	5820	1832	888	888	3104	796	2844	276	1902	5398
3408	13143	10083	15103	5657	1713	835	835	2904	726	2636	253	1786	5156
3409	11953	9178	13631	5183	1611	771	771	2630	662	2409	208	1625	4936
3410	11121	8442	12555	4797	1529	715	715	2393	623	2197	177	1455	4788
3411	10758	8020	11844	4590	1479	670	670	2283	602	2043	157	1325	4712
3412	10726	7929	11702	4493	1411	663	663	2224	608	1946	146	1244	4712
3413	11429	8617	12451	4515	1415	669	669	2312	691	1994	153	1276	4782
3414	13080	9910	14195	4787	1524	746	746	2591	775	2200	193	1232	5126
3415	14029	11205	16294	5444	1729	873	873	2937	834	2557	246	1497	5516
3416	15637	11482	17239	5821	1800	920	920	3115	840	2784	277	1738	5636
3417	15689	11729	17473	6204	1830	977	977	3163	856	2882	283	1878	5828
3418	15353	12483	18548	6380	1881	996	996	3293	886	2906	298	1936	5988
3419	15285	13287	20441	6426	1953	1031	1031	3373	894	2955	316	1964	6083
3420	15058	13366	21580	6290	2000	1023	1023	3505	921	3060	334	2082	6162
3421	14929	13759	22929	6295	2050	1022	1022	3572	939	3206	342	2291	6218
3422	14784	14358	24375	6170	1972	1018	1018	3648	972	3389	357	2515	6164
3423	14676	14764	25101	6119	2051	1007	1007	3653	972	3548	364	2702	6059
3424	14560	15014	25189	6068	2107	1012	1012	3602	954	3679	372	2837	6160
3425	14679	14597	23680	6180	2209	1018	1018	3563	910	3766	378	2804	6121
3426	14827	13562	21053	6291	2179	997	997	3499	880	3642	360	2580	5784
3427	14682	12781	18922	6038	2216	948	948	3345	867	3419	330	2316	5623
3428	14471	12303	18990	5926	2133	933	933	3237	951	3255	309	2308	5578
3429	14707	12903	18938	5941	2147	950	950	3347	931	3184	306	2181	5591
3430	14734	11607	17404	6150	2242	1013	1013	3286	841	3000	313	1970	5531
3431	13954	11189	16845	5781	1902	903	903	3118	805	2898	279	1920	5449
3432	12821	10179	15328	5605	1764	850	850	2945	724	2709	256	1793	5159
3433	11928	9153	13678	5171	1663	778	778	2631	651	2430	213	1644	4923
3434	11167	8415	12600	4803	1530	739	739	2413	607	2225	184	1481	4773
3435	10759	8015	11887	4605	1475	703	703	2297	582	2066	165	1352	4703
3436	10746	7941	11705	4541	1402	681	681	2218	594	1965	154	1258	4700
3437	11391	8607	12503	4552	1429	716	716	2264	677	1996	162	1274	4783
3438	12932	9835	14175	4779	1529	780	780	2624	770	2177	198	1236	5165
3439	13915	11217	16345	5424	1729	881	881	3003	831	2553	249	1517	5530
3440	15387	11563	17311	5781	1809	926	926	3101	837	2787	275	1746	5644
3441	15532	11904	17577	6195	1907	979	979	3155	860	2888	283	1895	5811
3442	15411	12656	18869	6361	1977	1026	1026	3313	905	2912	298	1948	5969
3443	15352	13612	20678	6415	2047	1070	1070	3408	933	2988	316	1985	6084
3444	15118	13925	22072	6292	2104	1039	1039	3539	958	3119	341	2097	6065

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3445	15003	14618	23432	6256	2139	1016	1016	3573	995	3299	360	2267	6130
3446	14931	15368	24909	6193	2194	1027	1027	3631	1006	3534	374	2456	6152
3447	14767	15905	25632	6106	2166	1030	1030	3631	993	3749	381	2765	6164
3448	14686	16093	25469	6031	2225	1001	1001	3561	946	3879	381	2966	6109
3449	14817	15696	23754	6090	2227	999	999	3540	881	3908	383	2928	5868
3450	14788	14594	20964	6174	2056	990	990	3400	852	3754	365	2700	5665
3451	14633	13370	18849	5934	2035	937	937	3269	843	3464	330	2364	5581
3452	14423	12733	18995	5811	2006	926	926	3200	930	3331	302	2304	5573
3453	14639	13504	18981	5813	2003	942	942	3347	903	3241	301	2207	5584
3454	14920	11804	17468	6045	2223	1008	1008	3289	837	3027	306	1984	5552
3455	13887	11300	16907	5740	1923	906	906	3102	790	2907	276	1927	5458
3456	13011	10164	15321	5589	1774	860	860	2946	691	2712	254	1800	5197
3457	12051	9248	13816	5164	1668	778	778	2643	651	2466	211	1640	4962
3458	11298	8467	12642	4805	1586	720	720	2433	625	2257	182	1485	4824
3459	10935	8064	11863	4608	1504	697	697	2294	604	2075	163	1366	4763
3460	10795	7932	11684	4545	1468	690	690	2208	620	1976	154	1283	4774
3461	11341	8612	12487	4547	1482	701	701	2301	687	2004	159	1306	4868
3462	12772	9924	14097	4785	1547	762	762	2580	764	2191	191	1266	5188
3463	13806	11329	16013	5389	1731	866	866	2988	818	2561	241	1537	5541
3464	15066	11748	17053	5783	1802	915	915	3089	825	2794	271	1762	5674
3465	15561	11976	17380	6219	1868	965	965	3180	874	2880	278	1909	5905
3466	15579	12719	18729	6422	1981	1004	1004	3448	940	2899	298	1959	6074
3467	15498	13605	20466	6502	2060	1009	1009	3566	974	3010	316	2001	6252
3468	15332	13842	21623	6385	2050	1019	1019	3716	982	3180	332	2132	6219
3469	15058	14489	22839	6359	2094	1006	1006	3698	1007	3432	343	2331	6246
3470	14984	15455	23931	6265	2089	1010	1010	3799	1027	3692	362	2610	5975
3471	14806	16054	24159	6218	2113	1013	1013	3787	983	3945	372	2900	5940
3472	14704	16301	23409	6142	2144	999	999	3652	952	4052	369	3093	5968
3473	14678	15803	21626	6097	2189	997	997	3527	879	4055	365	3034	5797
3474	14645	14528	19275	6100	2166	959	959	3312	833	3808	346	2736	5618
3475	14375	13477	17818	5912	2055	918	918	3150	828	3437	316	2397	5557
3476	14037	12611	17739	5760	2005	903	903	3103	912	3266	296	2348	5550
3477	14071	12894	17754	5778	1924	901	901	3188	902	3169	287	2214	5550
3478	14091	11859	17130	5846	1900	915	915	3163	822	2967	289	2000	5549
3479	13794	11552	16609	5725	1840	892	892	3088	793	2880	273	1952	5461
3480	13016	10639	15130	5597	1782	856	856	2939	718	2708	257	1856	5211
3481	12035	9447	13610	5095	1643	785	785	2614	674	2467	215	1710	5038
3482	11363	8570	12587	4730	1546	753	753	2446	639	2287	187	1568	4917
3483	10952	7945	11740	4516	1455	714	714	2271	606	2111	166	1438	4839
3484	10666	7580	11348	4405	1383	697	697	2151	595	1984	152	1341	4784
3485	10812	7685	11558	4377	1358	703	703	2196	621	1962	149	1311	4676
3486	11252	7951	11791	4370	1354	707	707	2258	626	1913	160	1125	4699
3487	12034	9044	12659	4562	1425	749	749	2322	703	2080	176	1308	5018
3488	12811	10421	14222	5061	1639	821	821	2691	755	2429	208	1614	5242
3489	13386	10944	14862	5243	1729	845	845	2803	777	2650	236	1826	5366
3490	14669	11427	15790	5604	1818	932	932	2974	839	2711	247	1907	5593
3491	15061	12366	17446	5867	1987	998	998	3139	895	2837	285	1997	5768
3492	14711	13243	18850	5890	2009	990	990	3295	895	3071	309	2189	5746
3493	14091	13966	19739	5787	1969	966	966	3289	909	3296	320	2390	5649
3494	13578	14697	19929	5584	1907	925	925	3189	883	3544	331	2643	5603
3495	13144	15192	19533	5431	1921	908	908	3107	898	3703	337	2844	5556
3496	13051	15748	19419	5385	1958	898	898	3059	910	3828	345	2956	5525
3497	13104	15824	18881	5419	1982	931	931	3061	903	3833	352	2951	5525
3498	13195	15336	17557	5512	2032	958	958	3089	865	3691	359	2722	5356
3499	13175	13843	16288	5386	2060	917	917	3007	845	3355	333	2351	5271
3500	13042	12726	16950	5274	1966	891	891	2918	973	3144	301	2271	5251
3501	13119	13286	17631	5268	1877	911	911	3221	931	3067	298	2149	5261
3502	13264	11643	15538	5412	1888	945	945	3340	774	2802	314	1952	5284
3503	12846	10910	14753	5293	1783	855	855	2963	744	2701	255	1902	5241
3504	12419	10081	13768	5204	1703	829	829	2780	680	2577	234	1821	5111
3505	11721	8982	12708	4978	1580	781	781	2578	641	2381	200	1690	4948
3506	11036	8155	11798	4767	1503	752	752	2382	599	2218	175	1561	4828
3507	10660	7550	11140	4592	1431	727	727	2238	573	2052	156	1440	4743
3508	10507	7192	10729	4507	1366	714	714	2164	561	1949	143	1336	4717
3509	10572	7178	10732	4484	1345	726	726	2105	568	1886	140	1283	4609
3510	10790	7170	10482	4404	1331	724	724	2177	563	1816	144	1052	4560
3511	11393	7710	10811	4481	1349	731	731	2153	634	1901	147	1195	4758
3512	12365	9125	12292	4846	1496	790	790	2494	703	2194	178	1481	5071
3513	12689	10040	13495	5110	1583	820	820	2691	726	2474	209	1730	5164
3514	13424	10245	13796	5260	1667	855	855	2734	742	2596	214	1837	5263
3515	13892	10809	14201	5555	1758	884	884	2804	778	2630	223	1865	5420
3516	13702	11546	14901	5562	1783	887	887	2929	803	2763	234	1976	5541
3517	13480	12244	15545	5511	1764	887	887	3017	816	2986	251	2151	5487
3518	13200	12923	16309	5372	1735	869	869	3012	826	3215	250	2370	5477
3519	12954	13654	16922	5282	1695	855	855	2971	825	3391	252	2557	5497
3520	12891	14526	17327	5266	1684	842	842	2968	828	3610	254	2616	5545
3521	12984	15382	17358	5338	1722	853	853	3002	839	3714	266	2643	5561
3522	13225	15322	16801	5490	1793	863	863	3110	817	3669	266	2451	5407
3523	13334	13826	15668	5427	1760	851	851	3021	812	3376	253	2161	5268
3524	13387	12737	16660	5362	1726	851	851	2928	982	3208	243	2126	5247
3525	13821	14632	18447	5447	1705	881	881	3338	973	3206	249	2077	5331
3526	14383	11721	15540	5785	1801	949	949	3446	772	2835	290	1903	5358

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3527	12897	10162	13809	5383	1641	851	851	2929	719	2606	239	1843	5164
3528	12165	9344	13228	5114	1523	804	804	2702	667	2496	211	1779	5053
3529	11461	8300	11980	4907	1376	758	758	2483	615	2227	184	1583	4815
3530	10857	7529	11062	4654	1278	721	721	2271	579	2018	160	1394	4683
3531	10501	7151	10484	4512	1193	704	704	2096	564	1879	143	1227	4630
3532	10518	7163	10509	4432	1200	694	694	2101	585	1797	140	1118	4661
3533	11107	7905	11447	4466	1187	719	719	2187	658	1811	151	1133	4673
3534	12362	9033	13159	4661	1317	757	757	2522	729	2000	184	1028	5049
3535	13605	10585	15023	5225	1554	837	837	2809	786	2393	227	1361	5465
3536	14090	11214	15919	5596	1702	876	876	2979	797	2679	258	1659	5544
3537	14660	11345	16151	5962	1720	923	923	3044	832	2808	264	1820	5712
3538	15055	12094	17017	6255	1781	984	984	3319	906	2831	289	1865	5833
3539	15393	12917	18053	6428	1855	1032	1032	3482	964	2910	320	2041	6016
3540	15236	13434	18812	6398	1830	1027	1027	3584	971	3065	341	2364	6033
3541	15064	14162	19695	6343	1882	997	997	3696	1013	3262	350	2418	6031
3542	15068	14822	20705	6211	1870	996	996	3785	1042	3509	360	2487	5960
3543	14804	15416	21206	6110	1886	988	988	3774	1042	3719	366	2720	6017
3544	14790	15704	21231	6054	1923	961	961	3720	1022	3899	376	2892	6148
3545	14903	15430	20093	6180	1971	980	980	3559	957	3956	376	2827	6051
3546	15021	14490	18506	6318	2013	950	950	3440	872	3835	355	2645	5722
3547	14891	13527	17259	5969	2029	930	930	3333	836	3526	326	2306	5612
3548	14547	12744	17453	5760	2005	906	906	3114	1062	3329	304	2366	5569
3549	14725	13357	17891	5759	1942	926	926	3470	1057	3269	298	2271	5590
3550	14933	11532	16228	6043	2000	986	986	3454	809	2984	316	1913	5538
3551	13706	11029	15730	5673	1849	890	890	3028	772	2826	267	1838	5444
3552	13109	10063	14498	5517	1712	852	852	2837	707	2646	248	1675	5179
3553	11885	9007	12958	5148	1549	796	796	2464	641	2365	205	1539	4852
3554	11012	8285	11840	4786	1429	752	752	2311	600	2130	172	1353	4709
3555	10626	7864	11184	4583	1348	726	726	2139	577	1945	154	1243	4636
3556	10566	7771	11133	4530	1278	718	718	2110	590	1819	145	1157	4632
3557	11066	8448	12042	4558	1260	731	731	2191	660	1868	148	1211	4643
3558	12562	9732	13878	4774	1388	777	777	2493	757	2078	185	1151	5108
3559	13936	11154	16025	5402	1687	867	867	2922	821	2506	239	1446	5556
3560	14706	11515	16875	5765	1796	912	912	3101	832	2756	272	1707	5684
3561	15170	11804	17112	6112	1827	973	973	3170	853	2859	280	1857	5877
3562	15213	12458	18035	6302	1890	1010	1010	3362	910	2882	301	1925	5963
3563	15494	13032	19109	6527	1949	1037	1037	3452	955	2955	310	1964	6124
3564	15335	13185	19914	6394	1973	1046	1046	3592	984	3087	341	2091	6090
3565	15298	13672	20924	6426	1992	1030	1030	3677	1045	3293	360	2258	6119
3566	15246	14177	22036	6415	2045	1040	1040	3726	1087	3523	380	2477	6149
3567	15013	14482	22825	6314	2029	1044	1044	3704	1102	3666	395	2626	6147
3568	14958	14583	22746	6258	2016	1044	1044	3628	1059	3824	406	2798	6200
3569	15157	14333	21592	6377	2026	1055	1055	3644	986	3887	407	2867	5988
3570	15303	13583	19618	6514	2000	1023	1023	3467	913	3739	381	2748	5686
3571	15180	12840	18060	6167	1971	975	975	3286	875	3432	351	2463	5592
3572	14795	12397	18071	5981	1913	949	949	3195	1044	3252	320	2358	5580
3573	14913	12768	18261	5921	1896	971	971	3327	1039	3215	314	2235	5586
3574	15020	11637	17014	6078	1968	1022	1022	3291	843	2996	318	1974	5569
3575	13959	11278	16505	5767	1823	907	907	3103	807	2874	276	1916	5454
3576	13133	10169	15084	5613	1743	864	864	2911	742	2661	253	1795	5121
3577	12172	9210	13595	5164	1646	812	812	2624	668	2420	208	1633	4945
3578	11411	8471	12515	4795	1567	767	767	2437	626	2209	177	1466	4763
3579	11028	8014	11816	4589	1508	731	731	2280	602	2048	157	1336	4689
3580	10930	7929	11702	4497	1411	722	722	2224	607	1946	146	1254	4681
3581	11477	8630	12449	4493	1414	723	723	2313	687	1977	152	1281	4726
3582	12812	9899	14234	4699	1517	779	779	2565	772	2159	191	1232	5142
3583	13893	11275	16299	5341	1733	883	883	2928	838	2539	241	1510	5571
3584	15074	11595	17168	5731	1820	920	920	3142	849	2795	276	1758	5648
3585	15503	11825	17425	6067	1825	986	986	3206	877	2911	282	1905	5828
3586	15413	12565	18537	6254	1845	1022	1022	3397	944	2934	298	1964	5946
3587	15566	13381	20440	6367	1878	1070	1070	3565	982	2991	320	1990	6037
3588	15420	13422	21480	6269	1909	1074	1074	3747	1015	3106	342	2100	6094
3589	15350	13811	22896	6298	1938	1077	1077	3852	1055	3270	355	2271	6130
3590	15215	14376	24337	6193	1925	1076	1076	3952	1118	3473	375	2465	6091
3591	15074	14822	25100	6136	1956	1065	1065	4006	1124	3650	386	2627	5973
3592	14949	15014	25189	6098	1948	1076	1076	3960	1099	3805	396	2737	6060
3593	15080	14624	23575	6221	1995	1084	1084	3915	1006	3893	402	2715	6008
3594	15346	13642	20910	6332	1991	1047	1047	3815	936	3767	383	2565	5769
3595	15159	12901	18808	6054	1995	984	984	3595	902	3519	347	2327	5665
3596	14768	12305	18736	5914	1951	960	960	3367	1051	3325	320	2278	5628
3597	14893	12904	18933	5904	1931	967	967	3511	1031	3254	311	2197	5619
3598	14916	11722	17325	6046	1943	1028	1028	3441	853	3063	312	2000	5587
3599	13896	11315	16752	5729	1843	918	918	3160	815	2930	281	1952	5512
3600	12963	10281	15257	5562	1797	873	873	3005	733	2751	258	1826	5223
3601	11987	9162	13614	5117	1679	797	797	2730	661	2457	216	1664	4963
3602	11205	8358	12568	4766	1546	758	758	2455	612	2248	186	1502	4798
3603	10787	7966	11880	4572	1480	718	718	2327	582	2069	165	1371	4707
3604	10707	7859	11705	4541	1402	695	695	2244	595	1965	154	1282	4700
3605	11253	8536	12516	4541	1412	730	730	2293	676	1985	161	1291	4754
3606	12682	9778	14180	4731	1485	779	779	2622	767	2167	194	1236	5195
3607	13845	11243	16318	5364	1698	879	879	3025	832	2561	241	1541	5561
3608	14956	11619	17159	5735	1802	919	919	3155	840	2808	272	1776	5737

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3609	15330	12029	17550	6126	1851	968	968	3215	888	2912	278	1919	5960
3610	15438	12864	19135	6312	1882	1027	1027	3470	965	2937	289	1962	6123
3611	15532	13915	21109	6415	1951	1078	1078	3661	1012	3020	306	2010	6161
3612	15266	14194	22421	6281	1998	1063	1063	3905	1041	3167	328	2135	6034
3613	15179	14876	23620	6272	2014	1047	1047	3951	1088	3357	341	2283	6082
3614	15110	15554	25024	6209	2014	1059	1059	4048	1110	3577	351	2473	6075
3615	14873	16078	25632	6095	1993	1059	1059	4031	1070	3771	353	2764	6091
3616	14807	16093	25324	6053	2002	1041	1041	3919	1003	3897	351	2966	6114
3617	14940	15666	23497	6126	2018	1033	1033	3857	907	3908	350	2931	5884
3618	14937	14510	20643	6240	1919	1016	1016	3622	858	3750	337	2708	5667
3619	14752	13280	18693	5973	1907	966	966	3395	847	3449	314	2362	5596
3620	14505	12573	18840	5836	1889	946	946	3266	974	3289	294	2271	5589
3621	14620	13376	19043	5814	1880	958	958	3413	947	3226	290	2210	5583
3622	14922	11817	17289	6027	1946	1007	1007	3369	840	3037	293	1990	5566
3623	13851	11346	16739	5746	1849	919	919	3156	793	2926	274	1935	5473
3624	13117	10218	15181	5596	1769	878	878	2989	693	2713	253	1793	5195
3625	12026	9274	13716	5177	1661	808	808	2630	653	2473	212	1639	4953
3626	11287	8483	12572	4818	1593	757	757	2456	623	2263	183	1493	4817
3627	10893	8089	11835	4619	1506	733	733	2303	604	2081	164	1382	4763
3628	10763	7965	11651	4547	1468	725	725	2208	611	1976	154	1301	4770
3629	11267	8626	12497	4545	1471	734	734	2292	682	2006	159	1325	4849
3630	12637	9901	13986	4769	1526	782	782	2542	757	2172	188	1266	5208
3631	13815	11326	15945	5358	1696	870	870	2959	823	2539	235	1525	5592
3632	14858	11788	16801	5751	1777	914	914	3097	831	2772	265	1727	5708
3633	15412	12055	17258	6192	1838	976	976	3231	866	2858	273	1863	5888
3634	15579	12876	18900	6410	1928	1022	1022	3509	928	2879	295	1896	6028
3635	15578	13711	20822	6502	2031	1050	1050	3670	962	3009	314	1954	6146
3636	15438	13959	21877	6382	2006	1061	1061	3854	975	3199	331	2097	6120
3637	15227	14492	23052	6386	2025	1057	1057	3838	1007	3457	343	2294	6165
3638	15208	15417	24159	6306	2062	1057	1057	3962	1027	3720	361	2577	6081
3639	14963	16008	24103	6237	2123	1065	1065	3929	997	3966	364	2843	6112
3640	14840	16301	23045	6155	2048	1048	1048	3749	968	4055	356	3086	6076
3641	14783	15922	22165	6114	2057	1044	1044	3601	899	4033	350	3093	5912
3642	14775	14659	18809	6125	2027	999	999	3363	850	3763	331	2810	5700
3643	14478	13590	17424	5916	1971	950	950	3172	838	3371	305	2376	5621
3644	14100	12648	17351	5754	1916	922	922	3114	908	3181	287	2311	5603
3645	14053	12981	17564	5750	1841	919	919	3190	912	3121	280	2200	5601
3646	14096	11934	16840	5801	1817	928	928	3169	834	2935	281	1944	5601
3647	13811	11628	16343	5709	1793	905	905	3095	807	2850	268	1890	5528
3648	12973	10770	14903	5590	1756	877	877	2945	736	2681	253	1801	5280
3649	12081	9528	13451	5108	1631	802	802	2619	684	2453	212	1663	5084
3650	11332	8622	12505	4757	1542	811	811	2462	645	2278	186	1534	4944
3651	10911	7979	11689	4555	1475	735	735	2269	611	2102	165	1413	4862
3652	10592	7580	11348	4445	1411	715	715	2151	595	1972	151	1336	4799
3653	10665	7712	11551	4413	1390	724	724	2204	615	1943	149	1313	4676
3654	11083	7888	11734	4370	1354	724	724	2242	621	1886	159	1125	4717
3655	11921	9104	12660	4515	1425	760	760	2329	705	2067	173	1294	5049
3656	12814	10496	14096	5036	1595	832	832	2698	763	2398	204	1566	5279
3657	13292	11097	14628	5234	1674	856	856	2807	792	2611	231	1752	5393
3658	14552	11437	16005	5574	1768	926	926	2970	877	2668	246	1818	5597
3659	15061	12109	17991	5847	1990	990	990	3165	944	2794	294	1943	5765
3660	14795	12729	19317	5890	2012	998	998	3319	953	3012	323	2147	5768
3661	14216	13283	19929	5813	1985	978	978	3310	973	3254	334	2334	5673
3662	13727	13743	19807	5619	1930	944	944	3238	934	3476	343	2569	5609
3663	13255	14061	19246	5451	1977	929	929	3195	943	3674	343	2740	5573
3664	13142	14455	18883	5413	2009	924	924	3091	964	3811	346	2896	5565
3665	13223	14413	18235	5443	2029	953	953	3106	952	3833	351	2956	5550
3666	13299	14030	17004	5530	2034	981	981	3100	901	3729	359	2749	5386
3667	13296	12951	15864	5390	2060	937	937	3031	856	3399	330	2335	5307
3668	13144	12104	16449	5268	1930	908	908	2914	970	3151	296	2260	5288
3669	13163	12465	17959	5250	1804	918	918	3172	949	3097	290	2153	5289
3670	13311	11529	15565	5353	1800	944	944	3280	783	2795	311	1888	5304
3671	12911	11054	14547	5281	1709	868	868	2966	753	2661	250	1816	5277
3672	12447	10190	13685	5202	1648	845	845	2791	687	2551	229	1750	5114
3673	11745	9129	12683	4988	1538	788	788	2593	647	2356	195	1639	4977
3674	10984	8265	11852	4799	1471	756	756	2417	609	2190	172	1523	4865
3675	10590	7653	11232	4625	1415	723	723	2245	579	2021	155	1412	4782
3676	10418	7284	10830	4544	1368	707	707	2169	568	1925	144	1325	4734
3677	10472	7277	10842	4500	1360	717	717	2144	571	1846	140	1281	4589
3678	10605	7170	10482	4404	1331	709	709	2166	561	1773	145	1052	4560
3679	11272	7889	10861	4495	1342	717	717	2105	635	1861	147	1183	4765
3680	12331	9275	12324	4839	1454	791	791	2402	708	2164	176	1449	5067
3681	12691	10195	13468	5100	1550	836	836	2632	732	2436	201	1677	5175
3682	13404	10377	13741	5248	1592	859	859	2685	752	2553	206	1772	5252
3683	13914	10631	14171	5637	1677	886	886	2743	803	2592	214	1799	5399
3684	13784	10959	14871	5685	1679	894	894	2875	835	2745	225	1917	5503
3685	13556	11260	15480	5654	1713	903	903	2963	854	2968	241	2085	5461
3686	13299	11551	16125	5464	1697	884	884	2962	863	3213	240	2304	5459
3687	13032	11881	16636	5353	1645	874	874	2901	869	3428	240	2499	5488
3688	12952	12273	17072	5338	1648	867	867	2918	876	3649	242	2565	5539
3689	13063	12668	17183	5417	1726	876	876	2962	889	3714	253	2634	5561
3690	13346	12619	16734	5600	1768	891	891	3060	858	3618	267	2440	5413

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3691	13426	11944	15521	5487	1740	876	876	2975	846	3318	255	2136	5286
3692	13435	11369	16171	5416	1709	873	873	2969	982	3126	241	2070	5257
3693	13691	12089	18447	5472	1680	885	885	3342	967	3167	244	2062	5297
3694	14210	10999	15692	5785	1739	931	931	3446	769	2811	290	1860	5331
3695	12913	10340	13774	5404	1646	871	871	2968	722	2564	240	1778	5175
3696	12285	9529	13314	5107	1523	821	821	2674	667	2464	205	1723	5088
3697	11592	8392	11985	4910	1384	761	761	2492	609	2215	183	1538	4816
3698	10900	7579	11075	4623	1268	717	717	2274	574	2017	159	1365	4690
3699	10559	7151	10484	4483	1200	699	699	2096	564	1873	143	1210	4630
3700	10564	7175	10501	4406	1187	684	684	2101	588	1797	140	1110	4652
3701	11157	7911	11409	4426	1189	709	709	2229	656	1833	151	1135	4649
3702	12301	8997	12972	4612	1290	743	743	2512	723	1990	181	1028	5059
3703	13631	10650	15036	5185	1513	834	834	2798	784	2362	221	1352	5482
3704	14027	11407	15971	5593	1681	891	891	2993	797	2641	252	1635	5577
3705	14693	11542	16214	5906	1706	926	926	3039	830	2777	260	1793	5762
3706	15144	11950	17095	6208	1773	986	986	3320	908	2804	283	1835	5880
3707	15541	12436	18233	6428	1842	1029	1029	3443	970	2875	314	2000	6012
3708	15373	12728	18954	6425	1828	1032	1032	3605	985	3032	338	2325	6012
3709	15206	13193	19761	6382	1894	1008	1008	3706	1022	3238	352	2347	6024
3710	15176	13606	20603	6277	1914	1004	1004	3772	1052	3485	362	2437	5978
3711	14920	14032	21157	6168	1920	996	996	3785	1049	3701	368	2633	6043
3712	14867	14194	21231	6119	1958	975	975	3739	1035	3892	374	2892	6192
3713	15009	14091	20225	6266	1983	989	989	3605	969	3956	376	2876	6114
3714	15162	13607	18702	6403	2007	965	965	3463	880	3881	360	2715	5751
3715	15030	13033	17385	6055	2040	938	938	3334	838	3556	327	2362	5630
3716	14696	12468	17365	5805	1992	916	916	3133	1033	3331	302	2381	5584
3717	14818	12780	17949	5774	1933	927	927	3422	1062	3270	293	2357	5588
3718	14959	11711	16347	5997	2009	965	965	3323	812	2981	312	1934	5540
3719	13747	11323	15833	5664	1874	902	902	3031	774	2803	266	1825	5443
3720	13174	10372	14633	5513	1699	867	867	2855	707	2647	246	1705	5161
3721	11970	9145	13049	5106	1534	802	802	2497	644	2359	205	1542	4870
3722	11070	8368	11884	4750	1425	756	756	2319	599	2131	173	1358	4734
3723	10666	7887	11210	4542	1357	727	727	2133	577	1946	154	1243	4656
3724	10566	7771	11133	4478	1286	718	718	2110	588	1819	145	1158	4646
3725	11106	8451	12020	4496	1260	729	729	2195	656	1864	149	1204	4632
3726	12579	9756	13794	4699	1374	773	773	2477	747	2061	184	1151	5122
3727	13931	11302	16069	5344	1669	868	868	2903	823	2483	234	1464	5578
3728	14698	11782	17022	5726	1805	917	917	3117	838	2753	270	1733	5722
3729	15209	11984	17245	6119	1827	957	957	3170	855	2872	278	1888	5945
3730	15345	12528	18112	6296	1877	989	989	3345	905	2898	297	1952	6029
3731	15663	13073	19170	6505	1952	1014	1014	3411	953	2967	321	1994	6247
3732	15569	13285	19926	6399	2003	1027	1027	3588	981	3101	344	2115	6224
3733	15516	13674	20914	6439	2082	1024	1024	3670	1041	3309	362	2258	6252
3734	15448	14157	22014	6436	2031	1034	1034	3726	1091	3545	379	2459	6274
3735	15105	14425	22825	6307	2026	1049	1049	3721	1102	3694	396	2609	6294
3736	15017	14583	22825	6253	2027	1050	1050	3650	1064	3841	407	2786	6395
3737	15187	14421	21811	6362	2040	1055	1055	3618	996	3887	405	2867	6257
3738	15278	13794	19909	6527	1975	1034	1034	3532	927	3773	389	2754	5830
3739	15106	13096	18332	6133	1932	991	991	3323	890	3475	360	2481	5656
3740	14702	12618	18099	5943	1884	967	967	3218	1032	3265	329	2335	5626
3741	14740	12850	18384	5871	1871	975	975	3329	1049	3228	318	2255	5617
3742	14830	11915	17197	5988	1893	997	997	3311	853	3014	320	2005	5597
3743	13957	11557	16692	5720	1820	919	919	3121	818	2892	279	1946	5498
3744	13127	10411	15247	5567	1742	878	878	2938	757	2698	258	1832	5180
3745	12129	9417	13797	5145	1632	812	812	2654	681	2435	212	1668	4984
3746	11328	8680	12668	4790	1576	758	758	2481	640	2221	180	1490	4794
3747	10933	8183	11974	4607	1493	727	727	2315	605	2054	159	1353	4705
3748	10865	8075	11798	4507	1389	717	717	2228	615	1946	146	1267	4681
3749	11393	8719	12533	4493	1380	722	722	2314	692	1979	153	1286	4698
3750	12727	9935	14257	4676	1503	776	776	2557	777	2142	189	1232	5144
3751	13845	11406	16360	5315	1714	887	887	2922	848	2538	238	1536	5574
3752	14612	11806	17308	5695	1821	925	925	3182	863	2810	275	1793	5659
3753	15024	11970	17580	6024	1833	982	982	3224	885	2948	282	1954	5859
3754	15057	12576	18643	6247	1864	1022	1022	3382	947	2977	297	2010	5974
3755	15220	13334	20379	6367	1901	1079	1079	3561	983	3030	320	2042	6063
3756	15128	13410	21376	6275	1924	1084	1084	3732	1013	3139	343	2158	6159
3757	15020	13807	22754	6292	1960	1077	1077	3825	1047	3298	357	2303	6196
3758	14889	14343	24272	6227	1957	1074	1074	3937	1112	3500	380	2479	6185
3759	14696	14776	25120	6139	1997	1064	1064	4006	1124	3684	391	2630	6141
3760	14554	15014	25189	6079	1973	1068	1068	3976	1095	3824	402	2737	6225
3761	14639	14700	23696	6197	2031	1075	1075	3860	1017	3893	384	2729	6107
3762	14793	13929	21009	6296	2002	1040	1040	3726	950	3787	356	2604	5773
3763	14704	13160	19026	6033	2001	984	984	3526	913	3567	332	2376	5677
3764	14433	12539	18709	5876	1957	960	960	3354	1027	3351	325	2313	5642
3765	14481	13008	18949	5864	1927	958	958	3419	1026	3269	315	2259	5614
3766	14500	11964	17487	5982	1925	989	989	3392	867	3093	312	2057	5590
3767	13851	11572	16921	5701	1846	925	925	3209	828	2974	283	2004	5520
3768	12898	10525	15424	5542	1801	875	875	3069	749	2806	263	1891	5234
3769	11963	9297	13715	5069	1679	802	802	2785	689	2528	220	1748	4956
3770	11187	8433	12668	4703	1557	760	760	2467	646	2309	188	1604	4802
3771	10777	7995	11968	4512	1494	722	722	2346	618	2121	167	1479	4702
3772	10707	7859	11784	4485	1402	693	693	2257	631	2021	155	1395	4700

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3773	11303	8553	12648	4491	1405	728	728	2318	701	2027	161	1397	4734
3774	12697	9789	14253	4693	1480	775	775	2621	785	2175	194	1343	5201
3775	13812	11376	16398	5346	1698	875	875	3035	848	2573	239	1630	5572
3776	14732	11857	17213	5728	1808	918	918	3228	857	2828	274	1852	5759
3777	15208	12137	17696	6106	1844	963	963	3279	894	2944	280	1984	6021
3778	15266	12821	19339	6294	1902	1024	1024	3502	964	2970	289	2021	6130
3779	15366	13816	21359	6397	1993	1078	1078	3656	1007	3054	305	2077	6152
3780	15114	14133	22613	6256	2016	1071	1071	3862	1037	3206	325	2201	6010
3781	15015	14803	23803	6248	1974	1055	1055	3941	1082	3391	338	2331	6069
3782	14916	15544	25103	6181	1954	1066	1066	4032	1110	3592	347	2543	6032
3783	14656	16024	25632	6071	1947	1063	1063	4048	1095	3778	348	2783	6029
3784	14554	16093	25145	6031	1926	1040	1040	3941	1046	3890	346	2966	6042
3785	14687	15680	23176	6118	1939	1030	1030	3919	951	3908	347	2931	5872
3786	14695	14697	20419	6204	1908	1017	1017	3685	889	3742	335	2722	5692
3787	14545	13605	18592	5953	1896	976	976	3509	870	3460	314	2411	5634
3788	14333	12823	18474	5820	1883	943	943	3357	981	3281	297	2311	5615
3789	14416	13372	18803	5790	1869	950	950	3432	963	3220	291	2272	5596
3790	14669	12057	17301	5952	1904	988	988	3405	859	3057	294	2057	5576
3791	13818	11602	16747	5746	1840	920	920	3236	819	2957	278	2005	5492
3792	13060	10459	15168	5600	1772	879	879	3081	729	2757	258	1892	5208
3793	12019	9363	13631	5183	1588	793	793	2702	661	2527	214	1698	4966
3794	11279	8558	12465	4827	1485	745	745	2497	627	2332	183	1537	4826
3795	10887	8120	11733	4610	1377	714	714	2340	608	2165	163	1409	4771
3796	10763	7965	11522	4525	1309	698	698	2240	615	2042	150	1311	4763
3797	11299	8628	12389	4538	1303	708	708	2343	681	2067	154	1323	4827
3798	12648	9842	13947	4746	1385	762	762	2571	760	2198	183	1248	5200
3799	13784	11301	15871	5350	1664	859	859	3004	836	2545	229	1540	5598
3800	14778	11727	16729	5723	1783	908	908	3172	849	2774	266	1770	5735
3801	15396	12130	17257	6073	1884	973	973	3254	875	2859	273	1917	5928
3802	15579	13226	18984	6279	1944	1024	1024	3477	928	2880	294	1951	6082
3803	15556	14188	20894	6363	2123	1051	1051	3685	967	3022	319	2025	6181
3804	15340	14307	21870	6233	2060	1065	1065	3835	977	3213	341	2155	6180
3805	15115	14840	22963	6225	2071	1052	1052	3847	1008	3475	347	2327	6224
3806	15027	15690	24125	6156	2098	1044	1044	3962	1027	3715	363	2589	6142
3807	14778	16131	24159	6105	2123	1046	1046	3938	1004	3976	364	2849	6187
3808	14641	16301	23207	6034	2030	1024	1024	3799	981	4055	362	3082	6125
3809	14626	15870	21450	6047	2055	1027	1027	3692	923	4050	356	3093	5955
3810	14662	14436	19015	6067	2025	986	986	3482	876	3781	333	2823	5715
3811	14434	13318	17437	5881	1980	942	942	3284	859	3404	310	2438	5624
3812	14056	12359	17209	5732	1953	917	917	3204	911	3168	290	2335	5606
3813	13990	12654	17573	5727	1882	912	912	3242	915	3112	281	2268	5604
3814	14025	11810	16764	5757	1853	918	918	3225	851	2926	281	2005	5604
3815	13778	11515	16263	5692	1820	904	904	3172	825	2848	271	1945	5522
3816	12967	10547	14786	5579	1762	868	868	3023	750	2674	254	1852	5283
3817	12074	9570	13340	5108	1628	792	792	2664	706	2445	214	1713	5095
3818	11307	8788	12312	4742	1476	799	799	2484	664	2272	185	1576	4960
3819	10894	8266	11466	4532	1364	706	706	2252	631	2118	161	1441	4880
3820	10592	7914	11060	4415	1239	686	686	2124	616	1988	147	1346	4814
3821	10652	8061	11291	4376	1227	696	696	2159	631	1952	144	1310	4700
3822	11055	8141	11465	4370	1197	688	688	2197	636	1886	155	1091	4765
3823	11889	9184	12475	4511	1316	734	734	2312	715	2072	171	1310	5075
3824	12784	10316	13968	5030	1576	825	825	2704	776	2377	205	1607	5293
3825	13218	10780	14582	5239	1693	856	856	2837	797	2597	237	1806	5419
3826	14444	11302	15835	5552	1729	920	920	2948	863	2662	249	1862	5647
3827	15061	12081	17993	5848	1836	988	988	3146	917	2759	287	1958	5840
3828	14833	12689	19290	5890	1865	998	998	3268	931	2941	312	2106	5849
3829	14236	13207	19929	5847	1880	989	989	3277	956	3165	323	2256	5744
3830	13741	13663	19919	5657	1892	959	959	3231	935	3355	331	2473	5651
3831	13250	13907	19413	5496	1891	935	935	3225	943	3583	333	2701	5636
3832	13131	14240	19174	5447	1939	940	940	3139	973	3768	340	2874	5645
3833	13199	14455	18712	5480	1995	974	974	3200	970	3833	348	2956	5629
3834	13294	13975	17417	5570	1996	998	998	3197	918	3767	359	2742	5429
3835	13317	12737	16058	5429	2060	954	954	3100	868	3455	339	2367	5332
3836	13164	11684	16302	5284	1951	919	919	2972	941	3175	309	2244	5304
3837	13170	12170	18158	5264	1823	920	920	3191	949	3111	303	2177	5303
3838	13299	11260	15632	5357	1815	947	947	3319	800	2801	308	1925	5322
3839	12904	10728	14555	5289	1756	874	874	2993	773	2660	258	1859	5296
3840	12402	9947	13707	5213	1679	845	845	2822	716	2553	237	1790	5158
3841	11731	9069	12710	4977	1564	788	788	2653	668	2370	201	1675	5004
3842	10980	8421	11888	4736	1421	741	741	2456	628	2209	171	1558	4883
3843	10583	7934	11269	4528	1367	703	703	2295	594	2052	148	1444	4798
3844	10418	7663	10833	4419	1263	686	686	2196	584	1952	133	1352	4738
3845	10466	7695	10859	4351	1217	700	700	2162	586	1868	127	1307	4560
3846	10560	7611	10438	4239	1153	685	685	2174	575	1773	131	1066	4567
3847	11251	8194	10842	4352	1163	694	694	2126	647	1886	134	1216	4779
3848	12292	9267	12283	4768	1400	779	779	2426	722	2169	171	1489	5083
3849	12688	9944	13435	5109	1574	833	833	2690	752	2428	205	1711	5199
3850	13562	10095	13745	5263	1612	858	858	2760	776	2551	213	1795	5294
3851	14199	10463	14176	5708	1680	892	892	2822	831	2582	220	1827	5479
3852	14062	10804	14881	5770	1692	903	903	2936	863	2710	231	1942	5603
3853	13794	11073	15518	5771	1741	918	918	3010	891	2911	249	2103	5571
3854	13460	11340	16089	5561	1713	896	896	3047	902	3156	248	2305	5548

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3855	13131	11690	16668	5418	1677	883	883	2978	911	3374	251	2468	5574
3856	13024	12161	17210	5424	1681	879	879	3024	916	3614	256	2550	5629
3857	13141	12753	17385	5525	1748	885	885	3075	934	3714	269	2634	5648
3858	13504	12830	16901	5732	1768	908	908	3162	899	3679	285	2504	5473
3859	13535	12010	15538	5595	1761	885	885	3072	873	3424	270	2202	5340
3860	13523	11333	15903	5500	1705	877	877	3053	973	3184	255	2096	5315
3861	13749	12693	18447	5549	1694	885	885	3289	982	3221	252	2110	5358
3862	14247	11250	15845	5785	1723	931	931	3446	791	2858	290	1888	5412
3863	12910	10024	13797	5397	1670	872	872	3059	743	2578	244	1800	5202
3864	12275	9509	13356	5123	1540	819	819	2757	686	2498	211	1743	5123
3865	11588	8667	12502	4898	1412	766	766	2564	621	2253	185	1614	4824
3866	10811	8004	11667	4615	1279	723	723	2363	585	2053	159	1468	4694
3867	10575	7673	11160	4474	1220	701	701	2179	566	1911	141	1335	4630
3868	10559	7723	11205	4406	1190	684	684	2166	588	1833	136	1252	4641
3869	11144	8376	11958	4432	1191	711	711	2277	661	1859	147	1259	4636
3870	12254	9300	13226	4666	1286	737	737	2504	727	2004	178	1164	5177
3871	13610	10634	15108	5306	1512	824	824	2832	798	2352	216	1427	5625
3872	13999	11315	15999	5699	1708	890	890	3078	819	2645	251	1679	5742
3873	14749	11477	16227	6063	1740	916	916	3113	839	2797	263	1832	5937
3874	15357	12266	17032	6291	1825	972	972	3369	904	2829	280	1886	6042
3875	15843	13175	18140	6454	1899	1024	1024	3516	952	2896	309	1935	6093
3876	15690	13683	18804	6425	1890	1039	1039	3650	974	3055	333	2086	6081
3877	15422	14564	19557	6392	1939	1024	1024	3732	1012	3249	346	2178	6158
3878	15297	15141	20389	6323	1933	1022	1022	3761	1047	3489	358	2367	6106
3879	14992	15901	21076	6231	1966	1011	1011	3785	1061	3694	364	2595	6179
3880	14883	16351	21257	6163	1964	994	994	3760	1060	3879	369	2850	6284
3881	15006	16260	20338	6225	1983	1002	1002	3700	993	3956	376	2892	6175
3882	15236	15355	18851	6293	1998	982	982	3511	914	3777	365	2733	5847
3883	15084	14321	17463	6002	2040	952	952	3386	870	3581	337	2432	5735
3884	14746	13268	17231	5809	2001	930	930	3202	1016	3333	313	2340	5692
3885	14829	13967	17875	5780	1953	934	934	3325	1062	3264	300	2320	5675
3886	14981	11993	16406	5898	2005	963	963	3267	839	2994	314	1978	5647
3887	13768	11323	15929	5707	1904	902	902	3110	800	2828	271	1883	5544
3888	13228	10538	14882	5570	1736	873	873	2959	734	2671	252	1787	5271
3889	12143	9400	13475	5148	1685	791	791	2620	667	2476	215	1634	4983
3890	11292	8644	12386	4779	1590	747	747	2432	626	2272	183	1463	4824
3891	10899	8145	11753	4573	1543	711	711	2221	603	2111	165	1349	4732
3892	10792	8067	11698	4491	1473	704	704	2210	608	2006	155	1264	4682
3893	11307	8703	12449	4478	1456	716	716	2301	677	2038	157	1292	4632
3894	12647	9878	14005	4657	1538	761	761	2516	759	2189	189	1231	5156
3895	13891	11411	16086	5269	1742	857	857	2965	841	2541	233	1535	5638
3896	14526	12022	17080	5649	1848	918	918	3168	864	2787	271	1797	5749
3897	15054	12184	17279	6053	1897	950	950	3213	874	2917	281	1957	5938
3898	15305	12823	18005	6243	1996	986	986	3404	913	2956	294	2018	6029
3899	15663	13511	18951	6437	2159	1023	1023	3484	957	2994	316	2049	6259
3900	15572	13906	19635	6347	2292	1034	1034	3648	975	3098	338	2142	6251
3901	15516	14464	20543	6435	2290	1030	1030	3720	1033	3266	357	2269	6291
3902	15502	15197	21620	6383	2363	1041	1041	3779	1081	3459	379	2478	6332
3903	15200	15758	22395	6266	2332	1055	1055	3805	1102	3657	393	2696	6340
3904	15063	16060	22457	6212	2306	1039	1039	3694	1077	3812	403	2898	6395
3905	15263	15736	21634	6342	2344	1046	1046	3686	1022	3887	407	2962	6270
3906	15352	14968	19927	6527	2159	1014	1014	3583	957	3808	394	2849	5897
3907	15106	14142	18484	6095	2083	981	981	3359	919	3562	364	2580	5739
3908	14663	13248	18056	5867	2018	953	953	3266	1018	3344	333	2386	5694
3909	14682	13509	18356	5791	2000	959	959	3315	1033	3278	317	2312	5669
3910	14753	12279	17295	5898	2027	970	970	3311	876	3076	320	2069	5659
3911	13937	11872	16854	5658	1893	920	920	3173	845	2955	283	2014	5562
3912	13183	10849	15561	5503	1814	877	877	3008	782	2815	264	1911	5255
3913	12161	9626	13826	5089	1677	807	807	2712	714	2569	220	1751	5010
3914	11390	8768	12696	4718	1602	768	768	2525	670	2363	188	1582	4807
3915	10975	8183	11961	4538	1505	731	731	2367	636	2208	167	1437	4709
3916	10865	8075	11798	4446	1390	717	717	2249	647	2093	154	1351	4681
3917	11329	8729	12516	4433	1380	719	719	2344	715	2111	159	1356	4708
3918	12626	9941	14209	4612	1490	770	770	2590	790	2238	192	1293	5196
3919	13813	11585	16359	5233	1723	881	881	2939	866	2600	235	1600	5629
3920	14412	12183	17413	5636	1888	922	922	3230	889	2862	274	1863	5756
3921	14924	12304	17622	5942	1903	969	969	3280	901	3008	286	2031	5911
3922	15142	12819	18248	6210	1948	1009	1009	3448	949	3048	295	2091	5983
3923	15400	13582	19365	6367	2018	1075	1075	3662	985	3097	314	2131	6095
3924	15349	13798	20027	6294	2037	1079	1079	3838	1015	3223	335	2288	6185
3925	15256	14433	20975	6327	2102	1075	1075	3949	1046	3415	352	2491	6201
3926	15141	15169	21988	6251	2128	1076	1076	4080	1113	3659	376	2743	6263
3927	14953	15770	22687	6144	2186	1073	1073	4171	1124	3882	391	2943	6211
3928	14772	16078	22751	6079	2118	1073	1073	4127	1108	4049	406	3103	6241
3929	14857	15902	21889	6166	2198	1084	1084	4006	1035	4130	391	3113	6176
3930	15042	15060	20113	6247	2172	1045	1045	3889	959	4013	367	2959	5856
3931	14893	14243	18737	5984	2178	992	992	3609	921	3767	345	2657	5743
3932	14563	13224	18333	5805	2128	962	962	3397	994	3494	336	2520	5705
3933	14518	13521	18538	5787	2075	959	959	3430	1005	3392	324	2454	5669
3934	14554	12425	17600	5888	2052	981	981	3416	892	3183	318	2170	5651
3935	13849	11995	17045	5652	1949	928	928	3259	858	3047	289	2090	5590
3936	12987	10881	15598	5513	1879	880	880	3122	783	2897	271	1996	5306

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
3937	12028	9559	13794	5080	1751	807	807	2828	709	2641	227	1840	5042
3938	11257	8600	12699	4720	1621	760	760	2505	666	2437	192	1687	4897
3939	10859	8054	11994	4521	1539	726	726	2354	637	2262	168	1542	4794
3940	10707	7859	11784	4485	1438	693	693	2271	649	2152	155	1443	4772
3941	11255	8575	12625	4493	1413	726	726	2357	714	2154	159	1436	4766
3942	12581	9819	14247	4677	1491	768	768	2604	797	2281	191	1367	5251
3943	13778	11520	16428	5310	1715	869	869	3036	869	2636	236	1677	5631
3944	14304	12153	17311	5688	1881	923	923	3279	883	2892	276	1907	5794
3945	14825	12340	17609	5988	1904	948	948	3325	908	3010	286	2053	6031
3946	15062	13042	18572	6191	1977	998	998	3537	961	3040	300	2095	6175
3947	15283	14074	19788	6341	2099	1039	1039	3760	1003	3121	327	2159	6162
3948	15105	14497	20449	6270	2147	1066	1066	3977	1031	3297	358	2300	6019
3949	14999	15307	21233	6294	2097	1058	1058	4143	1069	3512	386	2447	6071
3950	14887	16106	22128	6249	2091	1078	1078	4265	1110	3720	407	2654	6022
3951	14639	16649	22571	6126	2113	1073	1073	4309	1108	3946	413	2896	6040
3952	14495	16721	22328	6077	2089	1072	1072	4251	1067	4060	413	3041	6076
3953	14615	16366	21176	6161	2121	1071	1071	4191	970	4088	410	3065	5995
3954	14662	15271	19464	6246	2083	1038	1038	3931	913	3931	381	2879	5775
3955	14499	14119	18288	6013	2053	999	999	3702	892	3636	350	2544	5712
3956	14270	13163	18055	5850	2033	959	959	3477	952	3402	328	2395	5681
3957	14291	13490	18288	5796	2002	962	962	3536	962	3327	312	2354	5654
3958	14471	12328	17401	5911	2020	986	986	3523	883	3141	314	2126	5637
3959	13807	11852	16852	5733	1935	930	930	3307	840	3032	286	2079	5557
3960	13098	10628	15294	5599	1856	891	891	3163	752	2856	267	1961	5255
3961	12086	9507	13732	5179	1642	807	807	2765	686	2584	222	1757	5036
3962	11308	8650	12516	4819	1512	752	752	2540	639	2382	188	1587	4896
3963	10910	8165	11718	4609	1417	723	723	2366	608	2185	165	1451	4843
3964	10763	7965	11522	4525	1350	698	698	2254	612	2042	150	1341	4837
3965	11304	8625	12365	4529	1303	705	705	2354	679	2054	153	1343	4882
3966	12574	9785	13873	4714	1389	753	753	2555	763	2176	182	1248	5273
3967	13774	11322	15934	5302	1667	851	851	3027	849	2555	227	1568	5637
3968	14359	11885	16869	5677	1855	911	911	3257	869	2822	269	1820	5780
3969	14881	12057	17158	6008	1890	960	960	3311	894	2935	279	1989	5983
3970	15151	12642	18123	6243	1931	1019	1019	3624	959	2958	301	2039	6134
3971	15302	13196	19183	6364	2058	1048	1048	3939	1005	3053	330	2105	6195
3972	15126	13303	19761	6265	2019	1065	1065	4163	1027	3194	350	2225	6283
3973	15005	13641	20372	6286	2056	1061	1061	4209	1078	3411	353	2377	6274
3974	14927	14096	21069	6205	2058	1057	1057	4365	1103	3609	383	2591	6235
3975	14735	14390	21178	6151	2105	1057	1057	4338	1093	3830	386	2812	6278
3976	14642	14556	20711	6032	2078	1045	1045	4187	1069	3914	384	2988	6193
3977	14645	14359	19757	6029	2133	1040	1040	4040	978	3951	381	2998	6028
3978	14648	13530	18299	6050	2139	1000	1000	3791	910	3746	351	2806	5770
3979	14385	12857	17353	5852	2094	949	949	3500	885	3439	327	2491	5665
3980	14043	12226	17141	5704	2057	922	922	3335	942	3212	306	2354	5644
3981	13948	12336	17343	5690	2010	918	918	3341	946	3157	292	2289	5639
3982	13986	11928	16913	5713	1985	921	921	3332	873	3006	291	2080	5640
3983	13793	11634	16404	5664	1941	911	911	3269	846	2937	279	2034	5553
3984	12972	10612	14890	5557	1858	877	877	3122	768	2750	263	1948	5311
3985	12105	9628	13402	5090	1722	803	803	2752	720	2524	223	1788	5125
3986	11328	8831	12290	4759	1556	806	806	2543	666	2331	190	1640	4995
3987	10876	8258	11472	4555	1378	708	708	2300	636	2153	163	1485	4918
3988	10592	7914	11060	4443	1240	692	692	2124	616	2009	148	1376	4850
3989	10630	8084	11323	4398	1228	699	699	2188	632	1957	144	1324	4739
3990	10987	8172	11608	4381	1197	686	686	2220	636	1886	154	1091	4808
3991	11831	9186	12599	4514	1296	732	732	2358	723	2087	168	1343	5101
3992	12784	10365	14160	4994	1609	828	828	2786	799	2429	208	1629	5314
3993	13124	10881	14760	5200	1787	863	863	2930	819	2676	245	1861	5435
3994	14019	11193	15263	5473	1822	892	892	3062	872	2755	255	1940	5656
3995	14548	11740	16184	5735	1897	927	927	3293	920	2827	282	1998	5836
3996	14451	12160	16813	5788	1925	937	937	3503	947	2983	306	2104	5849
3997	14018	12543	17106	5736	1963	939	939	3527	969	3187	320	2310	5749
3998	13669	12876	17160	5591	1995	933	933	3485	970	3360	332	2498	5667
3999	13277	13071	16978	5444	2005	915	915	3506	988	3548	340	2689	5662
4000	13209	13436	16919	5396	2064	921	921	3408	1010	3703	351	2816	5670
4001	13284	13588	16653	5423	2110	943	943	3490	1011	3783	362	2863	5659
4002	13371	13256	16041	5493	2153	952	952	3435	948	3754	372	2695	5453
4003	13370	12347	15374	5369	2217	923	923	3306	900	3491	354	2378	5356
4004	13224	11519	15331	5229	2132	895	895	3107	949	3205	321	2238	5328
4005	13205	11811	16040	5218	1966	894	894	3252	970	3123	305	2191	5326
4006	13261	11242	15117	5283	1931	908	908	3368	832	2861	305	1991	5343
4007	12951	10852	14702	5242	1876	870	870	3075	805	2753	265	1939	5319
4008	12539	10150	13801	5177	1787	850	850	2920	745	2632	248	1870	5185
4009	11797	9191	12788	4947	1662	793	793	2750	688	2446	211	1751	5030
4010	11047	8510	11989	4699	1543	749	749	2536	645	2272	178	1617	4918
4011	10595	7963	11319	4515	1464	714	714	2340	604	2107	152	1489	4839
4012	10418	7677	10858	4400	1367	695	695	2286	589	1973	135	1382	4770
4013	10418	7712	10876	4329	1243	708	708	2173	588	1887	127	1324	4614
4014	10444	7611	10438	4239	1180	685	685	2187	575	1773	128	1066	4620
4015	11117	8187	10870	4336	1153	698	698	2126	655	1887	128	1243	4815
4016	12204	9280	12354	4737	1399	778	778	2477	744	2193	167	1536	5101
4017	12662	10066	13523	5064	1632	836	836	2775	786	2483	208	1783	5224
4018	13392	10216	13900	5177	1669	854	854	2874	806	2633	222	1875	5301



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4019	13997	10542	14100	5476	1692	881	881	2930	856	2667	227	1905	5477
4020	13970	10860	14460	5608	1705	896	896	3072	893	2770	239	1998	5597
4021	13717	11106	14794	5631	1747	917	917	3190	930	2928	262	2138	5595
4022	13418	11335	15102	5479	1752	909	909	3267	946	3129	265	2307	5566
4023	13154	11619	15453	5369	1740	894	894	3205	954	3326	275	2452	5581
4024	13077	12101	15796	5365	1752	901	901	3297	963	3518	286	2574	5635
4025	13232	12712	15911	5452	1809	907	907	3410	985	3623	306	2643	5652
4026	13598	12830	15649	5584	1855	927	927	3507	948	3614	330	2556	5488
4027	13622	12086	14865	5477	1875	907	907	3403	918	3426	313	2288	5359
4028	13616	11390	14912	5396	1812	889	889	3349	986	3190	291	2169	5342
4029	13762	12618	16277	5417	1787	889	889	3539	995	3198	278	2193	5388
4030	14247	11334	14987	5599	1782	930	930	3720	821	2896	316	1975	5437
4031	12994	10177	13927	5345	1740	878	878	3261	776	2670	263	1882	5226
4032	12346	9641	13544	5098	1639	829	829	2874	715	2585	222	1827	5162
4033	11632	8712	12536	4908	1470	767	767	2613	629	2306	192	1662	4943
4034	10830	8034	11641	4619	1325	722	722	2410	590	2093	162	1495	4840
4035	10559	7673	11160	4473	1246	698	698	2202	566	1917	142	1333	4780
4036	10595	7791	11228	4406	1190	684	684	2166	592	1833	136	1239	4778
4037	11233	8544	12139	4448	1225	711	711	2283	682	1871	148	1245	4793
4038	12512	9718	13711	4599	1324	739	739	2545	768	2052	182	1164	5255
4039	13904	11141	15806	5194	1599	849	849	2986	852	2480	228	1489	5659
4040	14391	11721	16625	5603	1817	910	910	3276	875	2780	269	1773	5813
4041	15044	11899	16871	5911	1849	937	937	3319	892	2922	282	1922	6131
4042	15439	12682	17753	6219	1956	978	978	3637	948	2949	296	1971	6296
4043	15843	13562	18805	6454	2032	1025	1025	3814	985	3009	321	2032	6395
4044	15767	13938	19364	6448	2037	1037	1037	4059	1009	3140	344	2180	6367
4045	15613	14812	20027	6419	2139	1033	1033	4192	1053	3299	356	2262	6488
4046	15590	15354	20761	6342	2153	1039	1039	4293	1093	3494	378	2423	6440
4047	15345	16056	21257	6205	2206	1033	1033	4398	1109	3670	388	2614	6507
4048	15211	16351	21249	6130	2173	1017	1017	4399	1113	3820	392	2805	6550
4049	15301	16174	20216	6197	2172	1021	1021	4338	1042	3880	393	2827	6420
4050	15427	15214	18774	6239	2147	1006	1006	4007	965	3714	370	2673	5978
4051	15230	14144	17603	5925	2138	972	972	3814	921	3552	347	2403	5808
4052	14816	13172	17320	5725	2096	946	946	3528	1001	3317	324	2314	5749
4053	14789	13606	17789	5684	2071	945	945	3569	1032	3245	310	2306	5704
4054	14825	12140	16786	5790	2083	959	959	3478	884	3054	313	2034	5682
4055	13989	11618	16348	5622	1959	914	914	3308	850	2943	285	1964	5563
4056	13433	10729	15148	5497	1836	887	887	3133	773	2753	266	1844	5338
4057	12304	9543	13582	5063	1766	803	803	2769	685	2523	223	1710	5152
4058	11422	8727	12432	4702	1711	753	753	2518	633	2308	191	1553	5033
4059	10978	8185	11726	4479	1648	715	715	2267	603	2129	168	1387	4963
4060	10799	8067	11643	4392	1572	704	704	2210	606	2006	155	1285	4928
4061	11266	8722	12381	4379	1542	720	720	2300	672	2034	155	1303	4877
4062	12577	9837	13891	4531	1614	763	763	2519	764	2173	185	1231	5289
4063	13864	11319	15984	5110	1781	856	856	3011	862	2535	230	1545	5671
4064	14367	11975	17025	5526	1897	924	924	3263	898	2811	272	1816	5780
4065	14933	12151	17230	5758	1941	954	954	3307	908	2960	285	1988	6017
4066	15241	12825	17943	5962	2038	987	987	3510	943	3010	294	2051	6144
4067	15663	13562	18889	6154	2194	1030	1030	3587	980	3042	312	2081	6386
4068	15581	13993	19587	6107	2344	1036	1036	3797	1000	3146	330	2171	6401
4069	15511	14583	20407	6204	2324	1032	1032	3899	1052	3313	345	2292	6427
4070	15484	15346	21598	6138	2350	1041	1041	3988	1097	3499	362	2488	6427
4071	15242	15950	22258	6031	2351	1053	1053	4041	1124	3699	374	2703	6477
4072	15034	16209	22457	5938	2347	1035	1035	3967	1107	3863	384	2896	6523
4073	15220	15818	21600	6017	2363	1038	1038	3965	1068	3943	389	2962	6364
4074	15301	14994	19827	6158	2177	1008	1008	3849	1005	3872	380	2867	5958
4075	15056	14209	18408	5855	2141	981	981	3568	957	3640	355	2603	5776
4076	14626	13140	17933	5668	2116	952	952	3408	1028	3399	329	2398	5728
4077	14617	13431	18289	5625	2061	954	954	3403	1039	3317	312	2336	5698
4078	14649	12224	17255	5712	2064	961	961	3419	909	3122	317	2099	5693
4079	13936	11800	16798	5558	1940	925	925	3279	876	3009	287	2046	5625
4080	13136	10753	15456	5423	1870	885	885	3103	799	2852	268	1939	5393
4081	12192	9581	13853	5010	1717	812	812	2767	724	2609	223	1786	5117
4082	11352	8737	12733	4586	1632	777	777	2556	674	2381	188	1616	4944
4083	10947	8198	11987	4390	1493	732	732	2379	636	2224	167	1463	4877
4084	10865	8098	11798	4331	1416	717	717	2249	646	2093	154	1367	4859
4085	11334	8738	12542	4306	1380	726	726	2343	713	2105	159	1368	4843
4086	12541	9867	14068	4495	1464	767	767	2564	796	2218	192	1293	5234
4087	13817	11493	16178	5158	1708	869	869	2924	883	2593	233	1608	5594
4088	14254	12108	17216	5584	1914	922	922	3266	918	2868	274	1881	5679
4089	14817	12257	17428	5865	1940	956	956	3313	927	3038	288	2059	5854
4090	15132	12898	18138	6148	2024	993	993	3455	962	3088	296	2120	6025
4091	15400	13788	19237	6318	2150	1049	1049	3657	994	3125	316	2168	6165
4092	15363	14102	19874	6274	2202	1051	1051	3841	1025	3254	336	2328	6295
4093	15264	14922	20854	6329	2283	1044	1044	3923	1064	3436	356	2523	6292
4094	15101	15758	21979	6254	2343	1043	1043	4048	1101	3687	377	2781	6307
4095	14972	16613	22740	6105	2438	1048	1048	4162	1123	3894	392	2971	6224
4096	14808	17102	22751	6018	2294	1039	1039	4171	1115	4048	406	3100	6273
4097	14902	16999	21841	6096	2360	1042	1042	4061	1055	4130	393	3113	6178
4098	15046	16010	19950	6185	2333	1018	1018	3948	988	4023	371	2998	5819
4099	14873	14998	18560	5912	2341	980	980	3653	953	3790	348	2705	5707
4100	14510	13662	18055	5724	2269	954	954	3450	1010	3537	339	2530	5669

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4101	14408	13967	18325	5681	2198	948	948	3453	1023	3425	324	2466	5640
4102	14528	12505	17394	5781	2157	959	959	3459	926	3225	316	2193	5638
4103	13881	11995	16869	5619	2041	925	925	3315	891	3090	292	2120	5592
4104	13084	10946	15481	5492	1918	877	877	3187	815	2951	274	2032	5390
4105	12224	9763	13834	5059	1778	800	800	2892	728	2691	230	1864	5115
4106	11482	8912	12686	4658	1643	753	753	2553	674	2486	193	1702	4983
4107	11066	8385	11973	4436	1560	723	723	2375	637	2286	169	1561	4878
4108	10882	8205	11784	4395	1456	693	693	2271	647	2169	155	1458	4855
4109	11362	8843	12583	4401	1413	730	730	2355	721	2167	158	1451	4861
4110	12607	9931	14150	4589	1460	766	766	2593	807	2280	189	1367	5306
4111	13799	11477	16140	5247	1696	864	864	3020	891	2650	232	1675	5672
4112	14233	12132	17077	5645	1905	920	920	3284	908	2923	274	1910	5873
4113	14833	12317	17362	5933	1956	954	954	3334	930	3057	287	2052	6196
4114	15190	12963	18318	6185	2167	1024	1024	3515	978	3090	301	2090	6395
4115	15445	13965	19564	6378	2350	1079	1079	3690	1014	3170	329	2158	6422
4116	15245	14372	20302	6301	2530	1111	1111	3943	1038	3351	357	2284	6295
4117	15154	15199	21008	6357	2477	1101	1101	4115	1075	3547	383	2430	6358
4118	15018	16001	22001	6283	2439	1122	1122	4246	1107	3747	401	2649	6287
4119	14830	16604	22571	6155	2481	1107	1107	4309	1107	3964	409	2888	6302
4120	14653	16721	22309	6087	2390	1096	1096	4276	1067	4072	415	3041	6329
4121	14789	16424	21165	6179	2472	1091	1091	4218	989	4088	415	3065	6214
4122	14863	15317	19446	6290	2413	1052	1052	3959	936	3937	385	2903	5881
4123	14713	14256	18239	6040	2356	1014	1014	3724	915	3661	356	2539	5780
4124	14393	13162	17873	5832	2348	960	960	3478	953	3422	334	2384	5725
4125	14338	13406	18149	5775	2260	953	953	3497	964	3344	315	2336	5688
4126	14496	12329	17196	5896	2216	978	978	3493	908	3170	314	2116	5680
4127	13858	11899	16705	5727	2043	928	928	3326	856	3081	289	2071	5614
4128	13301	10805	15268	5577	1883	889	889	3196	756	2899	270	1947	5331
4129	12261	9655	13754	5191	1676	812	812	2776	699	2633	224	1768	5138
4130	11499	8830	12570	4822	1520	760	760	2572	648	2424	191	1613	4990
4131	11104	8343	11795	4612	1417	728	728	2383	612	2229	166	1485	4948
4132	10924	8162	11522	4525	1342	698	698	2254	608	2083	150	1382	4938
4133	11328	8608	12159	4525	1303	708	708	2332	670	2042	151	1371	4978
4134	12303	9488	13272	4688	1352	740	740	2483	747	2122	175	1248	5326
4135	13510	10837	15098	5283	1591	818	818	2877	832	2464	213	1520	5661
4136	13865	11451	16195	5658	1822	888	888	3165	862	2738	255	1774	5784
4137	14568	11596	16441	5952	1881	933	933	3214	881	2891	270	1947	5987
4138	15178	12241	17341	6206	1954	1016	1016	3517	952	2931	289	2011	6161
4139	15503	12877	18515	6379	2255	1067	1067	3877	1004	3005	320	2069	6216
4140	15338	13060	19309	6294	2228	1075	1075	4125	1025	3161	341	2196	6278
4141	15180	13470	20086	6327	2260	1073	1073	4229	1085	3375	348	2351	6302
4142	14990	13949	20957	6255	2279	1060	1060	4365	1103	3594	378	2559	6277
4143	14818	14333	21178	6212	2295	1062	1062	4323	1097	3827	384	2777	6318
4144	14692	14556	20719	6058	2322	1046	1046	4221	1081	3943	390	2972	6239
4145	14722	14450	19773	6049	2400	1035	1035	4081	995	4005	388	2998	6080
4146	14749	13603	18191	6037	2421	998	998	3806	916	3818	357	2812	5805
4147	14388	12775	17081	5839	2358	939	939	3503	879	3495	331	2486	5695
4148	13960	11953	16744	5691	2266	901	901	3284	939	3219	306	2311	5671
4149	13787	12038	16981	5675	2161	894	894	3260	947	3144	288	2238	5663
4150	13827	11564	16386	5700	2104	898	898	3249	868	2990	283	2052	5663
4151	13618	11314	16048	5664	1997	890	890	3197	844	2923	270	2008	5595
4152	12971	10379	14775	5569	1845	863	863	3075	759	2765	257	1940	5355
4153	12163	9400	13361	5096	1741	800	800	2736	721	2535	222	1780	5150
4154	11412	8591	12260	4783	1580	800	800	2522	665	2335	189	1640	5001
4155	10930	8016	11516	4585	1446	708	708	2296	634	2163	162	1486	4926
4156	10681	7657	11060	4483	1299	690	690	2124	616	2020	148	1388	4858
4157	10703	7842	11321	4436	1257	693	693	2185	632	1954	144	1328	4767
4158	10956	7894	11531	4381	1197	686	686	2220	634	1887	153	1091	4835
4159	11718	8845	12356	4548	1286	724	724	2330	717	2070	164	1331	5124
4160	12689	10065	13879	4989	1605	816	816	2752	796	2431	202	1597	5343
4161	13027	10699	14626	5199	1790	855	855	2906	818	2700	241	1837	5439
4162	13932	10894	15063	5451	1832	895	895	3071	865	2794	253	1935	5636
4163	14525	11273	16018	5711	1869	962	962	3335	911	2861	273	1975	5818
4164	14548	11544	16742	5779	1910	987	987	3649	939	3008	298	2089	5849
4165	14147	11810	17146	5723	1952	987	987	3674	962	3189	313	2290	5752
4166	13758	12048	17186	5602	1999	975	975	3660	970	3356	326	2488	5667
4167	13447	12305	17352	5467	2004	954	954	3680	984	3544	337	2679	5662
4168	13356	12686	17299	5409	2042	968	968	3525	1007	3694	348	2807	5676
4169	13484	12944	16992	5415	2079	982	982	3628	1011	3783	362	2863	5675
4170	13596	12825	16411	5452	2148	1004	1004	3548	946	3782	372	2734	5484
4171	13598	12141	15568	5344	2237	974	974	3402	897	3541	359	2414	5390
4172	13398	11424	15406	5239	2207	920	920	3153	929	3252	331	2255	5363
4173	13344	11667	16263	5224	2064	909	909	3245	951	3185	312	2212	5361
4174	13447	11116	15129	5279	2019	950	950	3408	830	2920	306	1999	5379
4175	12986	10708	14614	5234	1933	879	879	3052	805	2795	266	1938	5355
4176	12527	10083	13890	5165	1829	851	851	2898	745	2688	248	1882	5236
4177	11899	9299	12821	4916	1710	799	799	2753	698	2494	213	1765	5077
4178	11152	8652	11979	4676	1633	748	748	2533	654	2305	179	1634	4954
4179	10717	8143	11295	4505	1542	714	714	2339	621	2134	153	1491	4871
4180	10512	7893	10838	4383	1414	691	691	2294	607	1998	136	1377	4782
4181	10476	7936	10848	4313	1266	705	705	2205	607	1903	127	1319	4614
4182	10496	7783	10438	4239	1214	685	685	2187	590	1784	129	1066	4628

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4183	11140	8372	10838	4345	1153	695	695	2126	661	1887	127	1238	4842
4184	12203	9418	12263	4688	1380	776	776	2492	746	2223	166	1528	5136
4185	12697	10171	13506	5010	1647	839	839	2764	787	2539	208	1785	5269
4186	13418	10338	13942	5118	1710	854	854	2866	812	2693	226	1898	5334
4187	14145	10535	14121	5437	1724	884	884	2918	874	2729	230	1924	5493
4188	14198	10779	14468	5604	1741	909	909	3063	922	2829	238	1996	5586
4189	13952	11025	14829	5631	1802	943	943	3210	966	2977	256	2115	5613
4190	13633	11277	15173	5468	1819	939	939	3292	988	3166	261	2249	5578
4191	13315	11608	15575	5348	1816	927	927	3221	994	3349	272	2412	5593
4192	13249	12109	15937	5338	1838	940	940	3314	998	3529	286	2543	5681
4193	13435	12687	16072	5425	1938	952	952	3401	1008	3623	307	2643	5700
4194	13829	12830	15840	5562	1996	966	966	3511	960	3610	330	2572	5540
4195	13839	12259	15028	5448	2053	945	945	3418	921	3427	320	2339	5433
4196	13726	11511	14987	5334	2001	919	919	3333	985	3193	301	2193	5412
4197	13764	12263	16241	5350	1956	905	905	3521	1024	3199	285	2203	5458
4198	14247	11288	14982	5565	1915	948	948	3720	829	2929	308	2000	5508
4199	13074	10334	13979	5349	1845	900	900	3311	779	2725	266	1912	5282
4200	12501	9880	13610	5052	1687	837	837	2868	721	2634	228	1855	5223
4201	11781	8909	12603	4896	1475	781	781	2629	640	2333	197	1690	5064
4202	11024	8234	11723	4609	1334	734	734	2386	601	2095	165	1524	4961
4203	10753	7861	11245	4458	1278	713	713	2241	581	1920	144	1355	4897
4204	10773	7946	11310	4381	1190	692	692	2173	608	1833	136	1259	4902
4205	11348	8684	12225	4443	1224	714	714	2289	691	1868	147	1261	4930
4206	12474	9891	13729	4592	1330	750	750	2509	777	2065	180	1164	5345
4207	13901	11311	15809	5158	1627	853	853	2967	859	2502	226	1504	5732
4208	14202	11991	16680	5578	1868	918	918	3327	886	2823	271	1786	5861
4209	14800	12113	16906	5817	1909	941	941	3380	904	2982	288	1945	6145
4210	15347	12619	17722	6056	1992	985	985	3625	969	3013	298	2000	6355
4211	15749	13307	18805	6340	2048	1031	1031	3822	1013	3075	317	2056	6460
4212	15843	13705	19374	6377	2062	1040	1040	4079	1045	3197	335	2201	6448
4213	15660	14483	20047	6454	2148	1045	1045	4192	1099	3345	353	2293	6547
4214	15636	15080	20786	6412	2170	1046	1046	4286	1153	3518	380	2453	6530
4215	15438	15893	21252	6258	2215	1051	1051	4375	1180	3690	391	2629	6550
4216	15306	16331	21257	6181	2171	1034	1034	4438	1183	3828	397	2815	6526
4217	15424	16351	20255	6250	2149	1045	1045	4437	1103	3880	398	2827	6405
4218	15548	15668	18829	6322	2143	1028	1028	4142	1007	3733	378	2712	5991
4219	15372	14764	17651	5995	2165	996	996	3882	949	3575	355	2462	5855
4220	14950	13596	17320	5761	2142	969	969	3613	1040	3350	330	2345	5812
4221	14880	13750	17742	5702	2123	960	960	3615	1078	3282	314	2333	5774
4222	14840	12464	16850	5796	2112	967	967	3526	899	3102	314	2065	5765
4223	14037	11968	16429	5604	2005	927	927	3379	866	3007	290	1995	5672
4224	13468	11111	15214	5481	1903	900	900	3211	794	2808	271	1891	5449
4225	12400	9737	13566	5057	1817	818	818	2823	693	2558	228	1775	5186
4226	11580	8882	12511	4716	1748	753	753	2541	639	2331	194	1626	5048
4227	11081	8272	11744	4491	1676	720	720	2311	611	2138	170	1453	4953
4228	10882	8118	11608	4419	1587	704	704	2255	608	2006	155	1349	4919
4229	11360	8790	12362	4379	1542	709	709	2351	682	2034	158	1354	4877
4230	12624	9976	13867	4505	1617	764	764	2590	780	2171	188	1282	5319
4231	13908	11612	15936	5063	1801	852	852	3050	869	2540	231	1581	5743
4232	14215	12454	17088	5508	1962	933	933	3336	905	2840	274	1839	5850
4233	14729	12596	17315	5700	1988	950	950	3386	916	3013	290	2014	6109
4234	15041	12949	17971	5911	2036	990	990	3601	959	3071	297	2077	6247
4235	15377	13515	18929	6107	2131	1031	1031	3701	1002	3105	314	2107	6480
4236	15410	13904	19666	6075	2250	1038	1038	3983	1024	3206	332	2192	6474
4237	15375	14513	20463	6159	2352	1040	1040	4103	1080	3354	348	2310	6506
4238	15352	15302	21560	6135	2360	1051	1051	4223	1132	3535	366	2492	6450
4239	15169	15870	22177	6028	2358	1053	1053	4282	1159	3722	377	2699	6482
4240	15004	16209	22457	5937	2363	1043	1043	4217	1139	3868	383	2887	6523
4241	15138	16028	21660	5988	2338	1045	1045	4188	1073	3943	389	2962	6391
4242	15221	15292	19967	6081	2251	1023	1023	4048	1000	3875	385	2876	6016
4243	15007	14570	18574	5795	2259	999	999	3732	956	3671	363	2621	5855
4244	14638	13606	17974	5625	2244	972	972	3532	1016	3443	337	2413	5810
4245	14593	13742	18308	5595	2174	966	966	3493	1036	3356	318	2352	5778
4246	14572	12784	17356	5688	2173	970	970	3514	911	3174	321	2128	5773
4247	14035	12383	16908	5543	2050	938	938	3361	873	3071	293	2074	5708
4248	13237	11320	15555	5414	1967	903	903	3182	791	2904	274	1971	5437
4249	12277	10103	14040	5007	1860	827	827	2821	726	2640	230	1817	5160
4250	11412	9161	12901	4610	1738	795	795	2598	669	2400	194	1641	4967
4251	11048	8560	12205	4418	1636	752	752	2415	636	2218	173	1476	4894
4252	10928	8399	12025	4343	1569	740	740	2271	641	2073	159	1372	4868
4253	11388	8977	12725	4306	1522	749	749	2369	709	2090	164	1368	4843
4254	12504	10106	14173	4469	1567	781	781	2608	790	2203	195	1277	5246
4255	13815	11734	16209	5107	1773	874	874	3021	883	2597	236	1606	5649
4256	14132	12550	17342	5547	1969	929	929	3318	918	2898	278	1885	5733
4257	14668	12712	17583	5783	1996	953	953	3374	928	3086	294	2088	5892
4258	15129	13096	18260	6101	2065	993	993	3489	969	3141	300	2169	6059
4259	15474	13820	19411	6284	2174	1039	1039	3691	1012	3184	317	2204	6227
4260	15477	14224	20224	6272	2243	1043	1043	3851	1046	3320	336	2315	6307
4261	15402	14971	21319	6329	2316	1033	1033	3956	1091	3502	357	2475	6294
4262	15283	15828	22601	6271	2380	1044	1044	4074	1138	3733	379	2691	6292
4263	15153	16627	23499	6127	2438	1051	1051	4158	1168	3947	394	2903	6239
4264	14955	17102	23540	6027	2314	1039	1039	4171	1172	4091	406	3062	6267

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4265	15019	17044	22537	6083	2325	1040	1040	4071	1098	4130	391	3113	6164
4266	15137	16253	20567	6156	2306	1013	1013	3968	1009	3994	371	3019	5863
4267	14968	15255	18956	5855	2232	980	980	3718	962	3751	352	2749	5771
4268	14593	13918	18297	5693	2163	957	957	3518	1025	3519	343	2540	5730
4269	14468	13902	18558	5650	2143	953	953	3493	1041	3421	329	2479	5703
4270	14567	12898	17592	5757	2096	958	958	3514	928	3258	321	2241	5704
4271	13950	12479	17095	5596	2034	934	934	3377	893	3141	299	2175	5656
4272	13245	11276	15755	5478	1965	894	894	3241	822	2999	282	2095	5443
4273	12341	10298	14137	5055	1852	811	811	2939	755	2737	241	1932	5153
4274	11542	9430	12987	4653	1759	754	754	2625	709	2515	204	1763	5001
4275	11115	8877	12269	4431	1689	730	730	2431	672	2306	178	1612	4885
4276	10915	8692	12082	4395	1613	709	709	2300	677	2179	164	1499	4855
4277	11583	9238	12848	4398	1597	718	718	2421	748	2167	169	1482	4855
4278	12600	10293	14342	4578	1621	756	756	2646	824	2288	199	1386	5319
4279	13821	11728	16269	5213	1779	856	856	3040	898	2676	240	1697	5720
4280	14153	12431	17286	5627	1928	922	922	3338	915	2969	282	1958	5881
4281	14788	12547	17560	5855	1967	944	944	3401	938	3127	298	2124	6187
4282	15298	13020	18578	6126	2129	1009	1009	3545	992	3169	306	2178	6390
4283	15643	13841	20045	6354	2266	1063	1063	3744	1032	3239	328	2244	6422
4284	15469	14230	21019	6298	2471	1107	1107	3958	1053	3406	352	2372	6310
4285	15326	14928	21972	6378	2452	1108	1108	4109	1099	3590	375	2515	6382
4286	15233	15749	23256	6269	2428	1122	1122	4215	1140	3811	395	2712	6307
4287	14979	16449	24153	6133	2494	1103	1103	4309	1135	4032	403	2904	6342
4288	14772	16721	24011	6081	2388	1095	1095	4300	1112	4180	411	3043	6378
4289	14897	16510	22641	6175	2530	1102	1102	4278	1021	4226	415	3065	6230
4290	15004	15565	20505	6301	2433	1041	1041	4050	952	4091	392	2894	5934
4291	14848	14610	18849	6047	2392	1013	1013	3821	926	3793	365	2612	5840
4292	14508	13429	18206	5836	2336	958	958	3561	961	3515	343	2446	5785
4293	14440	13510	18493	5799	2247	948	948	3558	964	3435	324	2406	5747
4294	14548	12617	17460	5909	2173	961	961	3571	915	3259	321	2209	5741
4295	13926	12235	16973	5728	2034	929	929	3402	862	3162	299	2167	5688
4296	13383	11185	15615	5575	1915	892	892	3270	773	2983	281	2062	5407
4297	12232	9921	13949	5224	1751	815	815	2823	738	2727	233	1867	5168
4298	11409	9092	12738	4865	1659	760	760	2579	695	2513	198	1708	5002
4299	10953	8536	11931	4642	1602	725	725	2349	667	2305	171	1555	4952
4300	10766	8383	11614	4560	1541	693	693	2201	662	2162	155	1437	4931
4301	11151	8796	12254	4546	1537	704	704	2275	715	2107	156	1413	4962
4302	12156	9642	13438	4697	1554	734	734	2464	779	2184	179	1276	5331
4303	13456	10940	15173	5263	1703	816	816	2864	843	2526	218	1551	5712
4304	13778	11574	16264	5626	1851	885	885	3210	869	2826	259	1838	5817
4305	14413	11716	16512	5897	1893	927	927	3253	881	2998	274	2016	6004
4306	15069	12261	17458	6182	1953	1009	1009	3559	930	3050	292	2076	6168
4307	15503	12851	18655	6387	2282	1063	1063	3896	971	3105	322	2135	6206
4308	15344	13098	19508	6310	2284	1065	1065	4118	1002	3234	341	2261	6263
4309	15260	13502	20194	6348	2334	1075	1075	4281	1064	3404	343	2419	6285
4310	15071	13929	21088	6304	2373	1039	1039	4365	1101	3603	375	2597	6287
4311	14865	14308	21178	6227	2380	1035	1035	4332	1103	3806	381	2802	6318
4312	14671	14556	20961	6019	2381	1020	1020	4188	1087	3950	387	2965	6239
4313	14736	14424	19934	6017	2421	1000	1000	4081	1010	4005	390	2998	6091
4314	14760	13633	18325	6014	2398	978	978	3830	931	3880	360	2860	5850
4315	14454	12824	17112	5812	2324	928	928	3540	890	3609	334	2548	5752
4316	14028	12022	16717	5703	2159	895	895	3310	944	3329	311	2357	5729
4317	13838	12070	16957	5652	2086	893	893	3297	957	3256	293	2297	5723
4318	13876	11686	16427	5671	2033	899	899	3314	878	3105	289	2111	5718
4319	13661	11412	16041	5633	1930	888	888	3246	857	3045	274	2073	5619
4320	13102	10398	14758	5543	1854	865	865	3101	792	2890	262	1996	5356
4321	12248	9383	13553	5076	1775	805	805	2799	747	2695	228	1875	5174
4322	11466	8559	12514	4777	1706	792	792	2555	702	2520	198	1766	5002
4323	10964	7977	11852	4586	1653	693	693	2358	672	2358	172	1645	4921
4324	10704	7657	11510	4494	1583	681	681	2189	656	2236	157	1563	4862
4325	10757	7843	11588	4452	1561	687	687	2183	660	2168	153	1511	4767
4326	10972	7948	11841	4416	1549	683	683	2231	661	2108	161	1315	4825
4327	11718	8806	12543	4580	1588	720	720	2375	737	2255	171	1497	5144
4328	12719	10056	13920	4988	1705	817	817	2792	814	2574	206	1697	5381
4329	13074	10758	14711	5178	1797	856	856	2973	838	2822	244	1891	5465
4330	13896	10950	15273	5464	1816	898	898	3089	870	2917	256	1979	5641
4331	14496	11400	16759	5775	1865	959	959	3286	908	2974	274	2010	5798
4332	14548	11727	17938	5870	1939	997	997	3521	930	3117	297	2124	5819
4333	14191	12033	18717	5804	2007	988	988	3599	955	3305	311	2355	5744
4334	13794	12342	18939	5673	2043	969	969	3639	973	3483	324	2579	5668
4335	13561	12704	19614	5504	2037	953	953	3680	980	3719	332	2804	5656
4336	13466	13231	19752	5435	2045	964	964	3590	998	3908	343	2973	5647
4337	13619	13611	19313	5421	2092	977	977	3647	1011	4054	360	3048	5617
4338	13745	13461	18238	5455	2185	1004	1004	3579	968	4052	372	2927	5482
4339	13756	12660	16525	5338	2256	975	975	3457	922	3782	360	2606	5420
4340	13552	11759	16046	5227	2211	916	916	3210	949	3449	333	2386	5400
4341	13479	12075	17583	5215	2021	906	906	3292	975	3339	313	2327	5398
4342	13554	11349	15581	5274	1982	948	948	3440	860	3050	308	2066	5409
4343	13095	10790	14731	5218	1914	881	881	3114	834	2921	268	1986	5391
4344	12644	10197	14134	5146	1811	852	852	2987	792	2833	252	1943	5256
4345	12057	9407	13036	4884	1711	804	804	2845	743	2647	222	1851	5118
4346	11337	8710	12233	4659	1687	754	754	2628	701	2480	197	1739	4991

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4347	10891	8184	11550	4482	1666	723	723	2410	672	2322	178	1623	4900
4348	10670	7928	11101	4358	1637	701	701	2365	660	2180	164	1536	4817
4349	10625	7949	11085	4307	1604	702	702	2255	656	2093	157	1482	4680
4350	10590	7787	10671	4251	1592	691	691	2239	640	1989	159	1287	4683
4351	11184	8379	10977	4330	1579	707	707	2185	698	2074	157	1438	4879
4352	12252	9481	12350	4674	1625	780	780	2566	777	2362	185	1673	5166
4353	12809	10335	13579	4991	1695	843	843	2832	819	2650	218	1874	5298
4354	13334	10566	14087	5093	1713	855	855	2950	834	2802	232	1964	5352
4355	13938	10767	14433	5412	1716	879	879	2979	880	2842	236	1992	5521
4356	14021	11072	15292	5600	1728	902	902	3088	923	2974	243	2090	5617
4357	13924	11452	16137	5631	1770	925	925	3212	962	3177	261	2253	5652
4358	13681	11879	17117	5475	1783	921	921	3288	995	3422	267	2438	5608
4359	13408	12469	18125	5369	1784	912	912	3269	1000	3670	280	2684	5626
4360	13387	13216	19135	5346	1833	931	931	3375	1013	3908	297	2889	5714
4361	13580	13997	19392	5406	1925	940	940	3491	1024	4011	320	3033	5730
4362	13904	14267	18721	5497	1976	962	962	3576	984	3996	347	2938	5570
4363	13916	13573	16868	5383	2053	947	947	3497	939	3768	338	2629	5458
4364	13772	12476	16413	5268	2009	924	924	3399	984	3444	318	2378	5440
4365	13764	13296	19055	5294	1966	919	919	3489	1015	3391	299	2376	5483
4366	14229	11927	16421	5498	1946	966	966	3720	856	3051	316	2090	5562
4367	13179	10575	14178	5305	1869	914	914	3373	815	2833	272	1974	5337
4368	12641	10129	13790	5029	1714	844	844	2958	769	2741	234	1927	5269
4369	11937	9003	12703	4890	1715	784	784	2819	713	2532	214	1826	5103
4370	11131	8263	11794	4584	1631	737	737	2594	673	2320	185	1692	4983
4371	10784	7861	11271	4436	1604	713	713	2451	654	2163	168	1559	4917
4372	10778	7937	11297	4381	1561	692	692	2370	671	2071	159	1479	4915
4373	11354	8697	12202	4405	1588	712	712	2454	744	2103	169	1479	4955
4374	12468	9938	13746	4551	1635	749	749	2660	815	2258	197	1399	5359
4375	13949	11443	15875	5076	1778	860	860	3087	891	2616	237	1658	5753
4376	14223	12219	16863	5511	1903	932	932	3440	920	2909	279	1894	5864
4377	14685	12360	17094	5683	1927	952	952	3517	933	3064	298	2039	6115
4378	15246	12775	17890	5934	1998	995	995	3658	980	3103	305	2102	6387
4379	15666	13484	19039	6260	2068	1048	1048	3876	1020	3168	323	2132	6469
4380	15787	13953	19743	6309	2158	1070	1070	4055	1060	3321	342	2240	6466
4381	15636	14798	20577	6403	2259	1086	1086	4151	1106	3537	364	2397	6550
4382	15609	15549	21502	6358	2298	1086	1086	4265	1155	3780	397	2620	6533
4383	15471	16542	22183	6209	2410	1098	1098	4327	1178	4048	416	2837	6540
4384	15273	17119	22213	6125	2374	1084	1084	4421	1183	4249	427	3062	6467
4385	15385	17254	21210	6159	2399	1103	1103	4454	1117	4354	436	3107	6356
4386	15495	16599	19619	6239	2372	1083	1083	4242	1038	4152	415	2991	6001
4387	15357	15512	18195	5927	2399	1046	1046	3981	984	3931	390	2675	5874
4388	14995	14105	17698	5715	2369	1011	1011	3742	1049	3614	359	2491	5827
4389	14885	14105	18103	5642	2328	995	995	3709	1070	3497	336	2437	5801
4390	14801	12751	17111	5727	2292	1002	1002	3657	931	3239	332	2170	5796
4391	14175	12236	16692	5547	2079	948	948	3522	902	3100	303	2101	5696
4392	13557	11313	15443	5434	1926	920	920	3376	843	2939	286	2020	5467
4393	12498	9848	13708	5035	1863	852	852	3042	761	2620	242	1855	5208
4394	11625	8912	12608	4697	1796	794	794	2720	716	2371	207	1693	5054
4395	11108	8281	11796	4481	1727	761	761	2505	691	2168	181	1496	4987
4396	10882	8118	11608	4415	1655	745	745	2438	683	2030	165	1377	4937
4397	11373	8775	12331	4379	1628	746	746	2507	744	2057	168	1373	4891
4398	12658	10008	13837	4491	1679	797	797	2727	823	2193	197	1282	5308
4399	13944	11642	15955	5009	1831	875	875	3164	903	2568	239	1605	5734
4400	14270	12681	17221	5455	1984	952	952	3450	934	2912	283	1894	5838
4401	14953	12906	17487	5684	2025	971	971	3521	943	3118	303	2097	6080
4402	15507	13254	18102	6011	2039	1028	1028	3677	979	3192	310	2175	6312
4403	16012	13953	19042	6289	2116	1091	1091	3812	1020	3232	330	2207	6491
4404	16090	14479	19815	6260	2232	1108	1108	4088	1043	3355	356	2305	6481
4405	16048	15337	20599	6389	2323	1114	1114	4169	1091	3537	378	2433	6516
4406	15971	16519	21737	6332	2361	1135	1135	4281	1135	3765	404	2604	6472
4407	15714	17421	22259	6189	2429	1138	1138	4345	1159	4012	418	2842	6480
4408	15424	18075	22330	6043	2489	1129	1129	4349	1147	4199	431	3032	6523
4409	15568	17992	21570	6140	2545	1134	1134	4327	1087	4303	439	3101	6387
4410	15703	17172	19978	6272	2479	1100	1100	4191	1020	4211	438	3054	6009
4411	15445	16203	18645	5871	2512	1060	1060	3898	980	3960	387	2791	5845
4412	14964	14685	18117	5635	2480	1016	1016	3713	1022	3667	382	2560	5801
4413	14848	14677	18420	5575	2375	1004	1004	3636	1035	3558	352	2478	5775
4414	14841	13252	17541	5695	2320	1010	1010	3661	938	3335	354	2236	5772
4415	14131	12728	17090	5501	2165	965	965	3515	900	3196	310	2176	5701
4416	13297	11633	15667	5369	2023	932	932	3338	828	3035	291	2075	5429
4417	12406	10293	14163	4992	1936	845	845	2932	757	2732	240	1911	5182
4418	11489	9240	12983	4605	1837	808	808	2683	708	2450	198	1715	5012
4419	11151	8610	12221	4417	1755	758	758	2487	676	2251	175	1528	4945
4420	11035	8399	12025	4358	1725	740	740	2315	680	2073	159	1410	4917
4421	11474	9024	12731	4306	1662	750	750	2424	742	2101	162	1390	4895
4422	12604	10207	14204	4469	1698	782	782	2645	820	2225	194	1277	5247
4423	13905	11824	16337	5068	1846	886	886	3080	907	2635	239	1621	5640
4424	14180	12757	17647	5504	2023	957	957	3434	941	2977	287	1933	5730
4425	14631	12934	17961	5721	2058	979	979	3500	951	3194	310	2166	5892
4426	15150	13342	18490	6077	2082	1031	1031	3645	988	3263	315	2262	6062
4427	15514	14137	19499	6283	2162	1105	1105	3846	1031	3305	336	2294	6255
4428	15552	14620	20337	6272	2223	1118	1118	4086	1058	3437	365	2393	6358

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4429	15475	15419	21353	6329	2286	1113	1113	4236	1102	3613	388	2543	6358
4430	15405	16328	22597	6297	2360	1124	1124	4389	1148	3849	413	2749	6369
4431	15296	17034	23435	6139	2438	1148	1148	4462	1169	4069	431	2898	6368
4432	15126	17553	23540	6026	2419	1143	1143	4469	1172	4209	448	3005	6381
4433	15224	17429	22713	6072	2428	1139	1139	4345	1105	4248	433	3046	6262
4434	15277	16505	20928	6123	2417	1106	1106	4171	1027	4111	407	2978	5905
4435	15082	15450	19400	5811	2328	1051	1051	3869	983	3866	380	2746	5780
4436	14712	14116	18689	5653	2264	1015	1015	3655	1030	3627	374	2591	5731
4437	14572	14097	18838	5612	2235	1002	1002	3617	1032	3529	356	2523	5707
4438	14685	13104	18001	5733	2211	1010	1010	3657	947	3368	350	2323	5706
4439	14092	12666	17514	5576	2143	968	968	3502	911	3264	316	2271	5664
4440	13449	11352	16123	5457	2046	926	926	3342	841	3106	298	2188	5452
4441	12512	10433	14357	5083	1938	841	841	2951	768	2808	254	1996	5167
4442	11707	9493	13102	4686	1829	778	778	2673	724	2553	211	1803	4998
4443	11246	8891	12301	4460	1754	752	752	2452	685	2337	181	1641	4898
4444	11015	8692	12082	4395	1667	727	727	2300	689	2190	164	1509	4882
4445	11679	9267	12823	4402	1644	728	728	2419	761	2167	169	1489	4891
4446	12644	10388	14380	4582	1667	773	773	2677	838	2292	201	1386	5324
4447	13879	11857	16446	5178	1813	881	881	3079	919	2705	247	1706	5753
4448	14152	12652	17718	5593	1990	950	950	3445	944	3044	294	2007	5856
4449	14715	12786	18028	5781	2028	967	967	3537	956	3244	316	2233	6042
4450	15284	13073	18753	6107	2096	1013	1013	3669	995	3299	323	2308	6225
4451	15643	13620	19986	6334	2178	1063	1063	3889	1028	3355	345	2358	6351
4452	15543	13952	20934	6294	2327	1094	1094	4085	1056	3493	369	2451	6341
4453	15511	14489	21914	6378	2417	1106	1106	4277	1102	3651	389	2573	6422
4454	15443	15131	23192	6273	2413	1122	1122	4415	1143	3844	409	2716	6367
4455	15221	15695	24092	6208	2435	1107	1107	4512	1151	4045	421	2858	6390
4456	15004	16019	24153	6117	2463	1103	1103	4509	1138	4180	430	2954	6396
4457	15142	15979	23051	6187	2530	1112	1112	4505	1056	4226	436	2961	6263
4458	15244	15281	21128	6307	2476	1066	1066	4276	989	4101	413	2822	6018
4459	15026	14551	19424	6037	2433	1037	1037	4032	960	3847	391	2633	5924
4460	14625	13544	18634	5798	2371	987	987	3750	989	3612	367	2521	5858
4461	14516	13550	18817	5753	2276	973	973	3728	988	3534	345	2480	5822
4462	14628	12881	18018	5855	2221	983	983	3738	945	3382	342	2336	5818
4463	14054	12519	17491	5679	2066	957	957	3546	893	3295	319	2300	5773
4464	13488	11378	16002	5542	1989	914	914	3408	803	3118	300	2188	5503
4465	12333	10080	14205	5174	1813	830	830	2957	750	2832	247	1986	5212
4466	11458	9191	12873	4797	1707	772	772	2644	699	2583	206	1800	5017
4467	10971	8588	11973	4565	1634	735	735	2352	662	2345	175	1619	4939
4468	10766	8383	11614	4487	1537	693	693	2201	662	2178	156	1480	4931
4469	11142	8817	12238	4474	1549	705	705	2276	719	2107	155	1442	4969
4470	12108	9698	13512	4619	1547	735	735	2503	794	2187	179	1276	5330
4471	13448	11055	15369	5203	1727	825	825	2914	868	2559	222	1595	5772
4472	13779	11797	16704	5586	1908	903	903	3338	898	2926	271	1945	5881
4473	14339	11964	16990	5820	1945	936	936	3408	909	3146	292	2160	6105
4474	15048	12430	17644	6147	1979	1010	1010	3608	945	3219	303	2261	6337
4475	15503	13066	18582	6387	2186	1052	1052	3848	979	3260	327	2298	6433
4476	15398	13389	19327	6330	2208	1065	1065	4007	1006	3364	347	2393	6510
4477	15291	13964	19954	6366	2265	1075	1075	4152	1050	3503	353	2525	6497
4478	15099	14489	20715	6324	2274	1056	1056	4223	1077	3665	374	2671	6465
4479	14883	15059	20978	6251	2231	1049	1049	4211	1078	3836	377	2857	6430
4480	14757	15466	20949	6017	2336	1035	1035	4102	1065	3970	383	2966	6334
4481	14828	15378	20145	6024	2421	1016	1016	4040	1006	4015	390	2996	6169
4482	14859	14479	18757	6045	2388	987	987	3880	946	3928	368	2890	5930
4483	14555	13462	17626	5823	2296	942	942	3643	913	3708	345	2664	5833
4484	14107	12433	17194	5681	2169	915	915	3466	939	3474	327	2489	5808
4485	13926	12440	17282	5619	2137	912	912	3434	940	3406	309	2431	5800
4486	13945	11975	16958	5639	2078	917	917	3450	901	3272	304	2289	5795
4487	13737	11667	16488	5595	1994	907	907	3404	873	3216	292	2258	5675
4488	13185	10566	15063	5503	1914	880	880	3230	793	3045	277	2158	5379
4489	12291	9503	13750	5031	1825	817	817	2893	758	2830	242	2032	5232
4490	11509	8618	12529	4743	1729	749	749	2628	706	2637	207	1894	5071
4491	10968	7976	11750	4568	1632	692	692	2420	671	2445	178	1746	4973
4492	10704	7657	11372	4472	1521	682	682	2210	654	2304	160	1632	4925
4493	10792	7817	11400	4424	1470	681	681	2183	664	2208	153	1551	4817
4494	10999	7941	11751	4391	1506	689	689	2246	662	2148	160	1315	4843
4495	11717	8795	12497	4572	1538	718	718	2407	740	2305	172	1539	5181
4496	12786	10158	14075	4950	1730	823	823	2850	826	2677	211	1801	5435
4497	13151	10970	15056	5136	1857	867	867	3072	857	2966	256	2059	5525
4498	13956	11133	15425	5429	1885	907	907	3171	878	3076	274	2175	5728
4499	14523	11537	16509	5751	1906	968	968	3322	906	3122	283	2203	5909
4500	14623	11896	17576	5870	1959	998	998	3545	927	3233	300	2302	5934
4501	14327	12264	18324	5793	1998	997	997	3611	951	3389	313	2493	5853
4502	13963	12690	18758	5653	2025	973	973	3640	973	3549	325	2682	5777
4503	13733	13167	19521	5471	2040	958	958	3686	989	3743	333	2874	5779
4504	13665	13731	19752	5389	2057	967	967	3643	1008	3917	344	3009	5778
4505	13825	14176	19297	5373	2090	978	978	3620	1011	4054	357	3048	5738
4506	13991	14026	18420	5407	2191	1004	1004	3546	969	4045	366	2935	5571
4507	13964	13208	16778	5301	2256	975	975	3381	932	3822	358	2670	5492
4508	13735	12189	16104	5186	2235	918	918	3233	949	3543	337	2473	5464
4509	13644	12370	17000	5168	2083	907	907	3271	957	3444	318	2416	5460
4510	13718	11556	15591	5228	2046	940	940	3365	871	3194	311	2236	5479

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4511	13202	11043	15081	5168	1992	886	886	3150	852	3081	282	2185	5449
4512	12735	10369	14323	5098	1883	861	861	3057	802	2985	270	2126	5331
4513	12153	9535	13182	4829	1774	815	815	2885	751	2783	238	1998	5188
4514	11411	8789	12319	4613	1713	761	761	2649	700	2572	208	1861	5059
4515	10935	8200	11515	4462	1645	730	730	2453	669	2388	185	1717	4954
4516	10672	7910	11075	4345	1569	705	705	2400	656	2212	168	1595	4877
4517	10626	7907	11036	4303	1478	711	711	2228	657	2109	160	1518	4747
4518	10590	7787	10671	4250	1437	700	700	2237	640	1989	160	1287	4754
4519	11148	8364	10970	4314	1390	712	712	2185	699	2083	157	1484	4951
4520	12301	9481	12406	4652	1514	783	783	2613	789	2422	188	1783	5239
4521	12950	10465	13720	4957	1713	848	848	2889	840	2774	231	2031	5363
4522	13512	10758	14323	5053	1770	858	858	3020	853	2962	251	2135	5417
4523	14263	10923	14568	5309	1779	883	883	3050	887	3005	256	2176	5561
4524	14437	11246	15310	5481	1790	905	905	3137	924	3119	263	2290	5647
4525	14403	11656	16107	5498	1821	928	928	3250	964	3305	282	2469	5684
4526	14087	12139	17024	5386	1836	930	930	3324	998	3509	290	2657	5646
4527	13791	12824	18128	5288	1847	916	916	3341	1009	3716	303	2878	5657
4528	13778	13665	19120	5257	1884	932	932	3415	1018	3884	318	3008	5730
4529	14059	14507	19392	5318	1934	942	942	3485	1026	4007	339	3033	5710
4530	14506	14819	18727	5399	1986	963	963	3588	985	4011	347	2898	5572
4531	14540	14108	16986	5299	2053	948	948	3531	946	3819	335	2630	5484
4532	14297	12891	16430	5187	2017	925	925	3398	992	3533	317	2444	5467
4533	14245	13551	18420	5200	1961	926	926	3477	1025	3461	299	2407	5491
4534	14763	12073	16145	5402	1926	968	968	3683	879	3173	308	2198	5549
4535	13382	10765	14380	5243	1847	908	908	3379	839	2994	276	2141	5376
4536	12771	10299	13948	4993	1758	849	849	3034	793	2891	253	2062	5317
4537	11974	9049	12856	4753	1600	795	795	2869	729	2603	227	1900	5119
4538	11185	8273	11892	4426	1482	751	751	2614	683	2363	196	1753	5002
4539	10804	7861	11332	4267	1430	723	723	2472	661	2188	177	1603	4934
4540	10778	7921	11326	4198	1371	708	708	2370	674	2071	166	1508	4928
4541	11343	8676	12271	4229	1420	729	729	2435	753	2113	174	1492	4985
4542	12538	10004	13890	4395	1512	769	769	2670	834	2292	203	1403	5365
4543	13964	11488	15880	4961	1725	869	869	3148	917	2682	244	1681	5774
4544	14286	12332	16913	5445	1936	942	942	3510	952	3013	288	1929	5870
4545	14873	12491	17163	5615	1990	958	958	3617	963	3166	310	2083	6060
4546	15708	12861	18162	5891	2023	1000	1000	3725	1005	3198	317	2134	6297
4547	16280	13504	19464	6210	2085	1065	1065	3948	1044	3274	334	2207	6392
4548	16490	13957	20320	6257	2172	1090	1090	4094	1084	3425	353	2316	6399
4549	16290	14841	21272	6348	2265	1106	1106	4229	1132	3632	375	2544	6450
4550	16264	15491	22338	6279	2298	1118	1118	4340	1169	3888	406	2756	6403
4551	16037	16425	22909	6120	2410	1138	1138	4434	1191	4144	424	2953	6391
4552	15721	17082	22665	5992	2383	1124	1124	4528	1189	4293	435	3107	6321
4553	15803	17254	21450	6005	2397	1155	1155	4569	1122	4373	443	3104	6233
4554	15938	16632	19709	6066	2355	1135	1135	4326	1054	4137	422	2953	5978
4555	15745	15579	18215	5737	2362	1095	1095	4078	1009	3920	398	2632	5885
4556	15254	14168	17763	5586	2391	1056	1056	3903	1061	3617	367	2507	5852
4557	15075	14173	18235	5532	2329	1032	1032	3822	1066	3514	345	2458	5836
4558	15037	12897	17131	5621	2266	1036	1036	3833	959	3300	339	2187	5835
4559	14236	12359	16713	5478	2109	966	966	3627	930	3189	314	2125	5734
4560	13583	11380	15443	5347	1990	936	936	3489	865	2971	298	2023	5504
4561	12508	9907	13675	4956	1903	864	864	3127	785	2648	252	1855	5248
4562	11652	8927	12599	4565	1799	804	804	2792	742	2382	215	1687	5090
4563	11125	8268	11780	4337	1700	769	769	2541	715	2163	188	1484	5038
4564	10882	8118	11608	4274	1610	753	753	2464	705	2030	171	1354	4990
4565	11370	8758	12366	4258	1570	745	745	2547	770	2066	174	1358	4961
4566	12665	10069	13983	4416	1623	808	808	2762	850	2241	204	1282	5312
4567	14000	11696	15967	4924	1794	887	887	3235	925	2611	248	1578	5747
4568	14315	12763	17130	5402	1988	967	967	3555	955	2952	291	1838	5836
4569	14906	12951	17381	5593	2049	985	985	3642	966	3167	310	2039	6006
4570	15495	13342	18191	5970	2063	1045	1045	3795	1006	3238	317	2124	6191
4571	16026	13966	19261	6294	2114	1127	1127	4016	1051	3288	339	2150	6329
4572	16107	14484	20052	6320	2193	1147	1147	4375	1072	3447	365	2240	6366
4573	16119	15357	20791	6389	2314	1157	1157	4506	1121	3681	388	2391	6389
4574	16004	16504	21913	6305	2356	1187	1187	4650	1165	3958	414	2586	6352
4575	15733	17454	22391	6197	2374	1191	1191	4741	1188	4253	429	2853	6348
4576	15584	18075	22439	6049	2424	1188	1188	4767	1158	4477	441	3100	6357
4577	15698	17900	21661	6123	2454	1189	1189	4772	1092	4596	447	3180	6282
4578	15970	16915	19946	6255	2459	1138	1138	4496	1025	4447	434	3102	5988
4579	15711	15927	18578	5844	2530	1091	1091	4145	989	4100	383	2778	5857
4580	15176	14498	18077	5596	2545	1035	1035	3893	1028	3774	376	2547	5817
4581	14981	14527	18507	5524	2457	1018	1018	3791	1035	3648	350	2470	5797
4582	15043	13211	17430	5666	2361	1036	1036	3840	957	3391	352	2200	5796
4583	14252	12732	16970	5474	2229	985	985	3636	906	3240	315	2129	5728
4584	13395	11558	15570	5342	2054	953	953	3444	828	3052	295	2015	5464
4585	12542	10281	14158	4944	1961	866	866	3016	769	2751	242	1870	5181
4586	11636	9241	13012	4525	1848	827	827	2720	723	2466	199	1677	4997
4587	11276	8600	12263	4309	1742	767	767	2520	699	2246	174	1491	4925
4588	11114	8399	12100	4254	1711	742	742	2315	697	2073	159	1369	4910
4589	11571	9080	12766	4208	1632	748	748	2434	758	2109	162	1365	4895
4590	12693	10333	14244	4397	1653	784	784	2687	838	2244	197	1277	5221
4591	13981	11881	16272	4998	1825	895	895	3149	918	2640	244	1582	5667
4592	14288	12729	17596	5467	2029	975	975	3533	951	3001	292	1855	5768

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4593	14813	12898	17912	5632	2081	994	994	3605	962	3228	315	2122	5929
4594	15463	13429	18456	5915	2097	1040	1040	3760	1001	3297	321	2221	6105
4595	15946	14311	19554	6112	2163	1118	1118	3968	1043	3356	344	2264	6294
4596	16008	14745	20493	6114	2226	1137	1137	4269	1070	3534	377	2400	6357
4597	16065	15511	21616	6151	2286	1160	1160	4450	1117	3774	402	2605	6363
4598	16009	16437	22853	6106	2370	1167	1167	4643	1160	4061	426	2850	6381
4599	15939	17134	23751	5989	2438	1218	1218	4710	1179	4313	442	3046	6373
4600	15743	17553	23899	5888	2425	1221	1221	4729	1184	4475	455	3188	6378
4601	15906	17313	22984	5916	2440	1222	1222	4656	1116	4532	456	3217	6246
4602	15990	16220	21119	5982	2410	1180	1180	4385	1035	4349	437	3086	5970
4603	15685	15301	19440	5728	2341	1110	1110	3997	990	4036	400	2796	5832
4604	15119	14003	18684	5599	2281	1065	1065	3774	1035	3727	371	2616	5776
4605	14877	14075	18851	5553	2243	1044	1044	3711	1039	3615	350	2547	5753
4606	15047	13033	17960	5662	2210	1053	1053	3753	957	3433	347	2292	5751
4607	14227	12616	17479	5525	2141	993	993	3601	921	3296	318	2227	5705
4608	13529	11281	16126	5420	2061	958	958	3398	851	3130	300	2133	5470
4609	12602	10401	14496	5042	1946	857	857	2961	789	2839	254	1965	5169
4610	11779	9450	13273	4623	1839	792	792	2689	749	2590	211	1772	5015
4611	11308	8889	12484	4367	1751	750	750	2428	711	2378	182	1615	4914
4612	11043	8692	12300	4287	1671	727	727	2300	711	2229	164	1497	4882
4613	11647	9324	12974	4301	1644	728	728	2418	780	2218	170	1485	4914
4614	12600	10456	14512	4495	1652	769	769	2687	851	2350	199	1386	5328
4615	13901	11856	16421	5090	1804	899	899	3112	928	2739	243	1683	5786
4616	14193	12688	17631	5542	1989	973	973	3497	955	3082	288	1965	5897
4617	14790	12821	17915	5682	2041	993	993	3599	968	3293	311	2192	6081
4618	15504	13117	18648	5979	2059	1035	1035	3732	1014	3353	318	2267	6326
4619	15939	13667	19841	6189	2087	1095	1095	3998	1053	3418	339	2340	6496
4620	15924	13991	20791	6176	2159	1118	1118	4219	1081	3588	364	2481	6512
4621	15936	14583	21768	6280	2207	1140	1140	4473	1138	3798	385	2693	6603
4622	15921	15185	23054	6195	2217	1156	1156	4633	1185	4037	406	2916	6575
4623	15730	15759	23994	6128	2253	1150	1150	4765	1183	4278	419	3143	6638
4624	15514	16019	24153	6037	2278	1153	1153	4797	1172	4430	429	3290	6653
4625	15666	15975	23181	6066	2301	1171	1171	4782	1081	4473	436	3278	6472
4626	15818	15272	21184	6210	2257	1112	1112	4562	1007	4325	413	3066	6158
4627	15518	14574	19459	5990	2241	1077	1077	4241	974	4022	391	2785	6017
4628	14942	13560	18631	5768	2207	1030	1030	3887	1007	3733	367	2603	5926
4629	14733	13603	18802	5713	2167	1009	1009	3861	1002	3643	345	2535	5883
4630	14833	12917	17918	5820	2137	1014	1014	3874	955	3455	341	2308	5883
4631	14160	12562	17415	5638	2060	985	985	3622	908	3350	315	2258	5834
4632	13577	11421	15990	5500	2003	940	940	3451	825	3186	298	2142	5558
4633	12436	10070	14176	5105	1843	853	853	3000	773	2877	248	1947	5260
4634	11526	9176	12846	4672	1735	781	781	2686	725	2597	206	1767	5045
4635	10993	8583	11937	4430	1648	735	735	2360	686	2355	174	1594	4954
4636	10766	8383	11614	4335	1537	693	693	2201	681	2183	156	1468	4931
4637	11109	8828	12229	4301	1549	704	704	2253	744	2107	155	1437	4978
4638	12075	9790	13482	4481	1547	740	740	2555	812	2200	180	1276	5333
4639	13399	11102	15328	5086	1711	844	844	2880	882	2564	221	1565	5812
4640	13820	11979	16664	5528	1891	925	925	3378	909	2964	270	1904	5923
4641	14367	12195	16968	5735	1937	949	949	3437	926	3221	295	2123	6186
4642	15105	12509	17818	6084	1942	1021	1021	3742	979	3308	305	2234	6490
4643	15683	13040	19066	6355	1985	1073	1073	4069	1027	3356	337	2270	6677
4644	15629	13373	20127	6348	2002	1099	1099	4318	1070	3495	361	2381	6777
4645	15575	13978	20989	6387	2022	1104	1104	4565	1137	3693	374	2558	6778
4646	15391	14573	22088	6332	2025	1097	1097	4635	1180	3918	403	2747	6742
4647	15176	15187	22545	6234	2018	1085	1085	4479	1182	4147	406	2966	6704
4648	15051	15652	22612	6016	2064	1081	1081	4221	1158	4317	412	3084	6585
4649	15116	15651	21473	5973	2068	1062	1062	4170	1072	4365	425	3114	6353
4650	15125	14836	19550	5987	2050	1024	1024	3981	972	4229	405	3004	6043
4651	14786	13836	17939	5774	2036	973	973	3684	927	3936	370	2724	5922
4652	14252	12799	17298	5629	1992	943	943	3484	968	3646	345	2530	5874
4653	14023	12752	17430	5563	1971	937	937	3459	961	3556	319	2451	5869
4654	14026	12233	16938	5589	1961	943	943	3476	911	3389	313	2275	5867
4655	13806	11923	16469	5541	1942	931	931	3426	882	3309	296	2235	5772
4656	13201	10791	15159	5444	1889	901	901	3207	804	3159	282	2146	5460
4657	12327	9867	13739	4953	1796	833	833	2901	759	2930	245	2022	5298
4658	11537	9010	12569	4607	1703	761	761	2609	707	2726	209	1882	5117
4659	10992	8390	11753	4387	1607	701	701	2429	674	2508	180	1734	5003
4660	10704	8077	11372	4271	1502	691	691	2203	654	2341	161	1624	4952
4661	10774	8192	11404	4211	1448	681	681	2183	671	2210	153	1546	4832
4662	11005	8413	11750	4143	1480	693	693	2271	672	2152	159	1315	4831
4663	11689	9140	12419	4378	1521	720	720	2404	753	2290	170	1520	5209
4664	12825	10412	14088	4851	1687	828	828	2863	841	2701	209	1793	5504
4665	13214	11213	15085	5079	1818	885	885	3117	869	3040	255	2061	5614
4666	14174	11381	15456	5400	1849	904	904	3230	896	3162	275	2185	5859
4667	14855	11867	16503	5754	1880	938	938	3427	929	3211	285	2215	6089
4668	14955	12361	17520	5870	1944	959	959	3665	949	3329	302	2320	6121
4669	14639	12881	18347	5790	1996	958	958	3777	977	3481	317	2525	6058
4670	14234	13537	18757	5637	2007	949	949	3784	1003	3633	332	2714	5990
4671	14001	14154	19526	5445	2029	942	942	3806	1011	3800	340	2894	5970
4672	13945	14965	19752	5358	2061	945	945	3733	1029	3939	351	3018	5958
4673	14200	15367	19171	5341	2096	948	948	3672	1029	4054	365	3048	5882
4674	14446	15153	18309	5375	2210	968	968	3567	978	4007	371	2940	5670



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4675	14384	14057	16698	5256	2256	950	950	3404	939	3789	364	2668	5570
4676	14059	12702	16106	5149	2209	916	916	3274	966	3562	341	2491	5536
4677	13868	12818	16911	5116	2058	910	910	3298	964	3478	320	2432	5533
4678	14011	11807	15604	5180	2040	927	927	3359	879	3260	317	2250	5555
4679	13316	11295	15111	5113	1968	896	896	3177	860	3166	285	2197	5516
4680	12851	10588	14306	5030	1847	880	880	3088	804	3048	272	2141	5373
4681	12234	9693	13283	4724	1757	825	825	2876	750	2843	241	2007	5228
4682	11475	8920	12471	4466	1693	769	769	2619	700	2626	209	1867	5080
4683	10994	8337	11726	4265	1603	737	737	2416	669	2445	184	1715	4964
4684	10711	8036	11334	4139	1549	705	705	2385	657	2271	168	1593	4887
4685	10646	8007	11244	4094	1469	706	706	2203	659	2162	159	1514	4762
4686	10590	7971	11015	4024	1419	700	700	2238	644	2055	161	1287	4751
4687	11061	8462	11255	4088	1390	713	713	2185	702	2120	157	1444	4963
4688	12284	9587	12561	4510	1504	788	788	2607	794	2474	188	1741	5274
4689	13024	10614	13762	4887	1696	862	862	2863	841	2847	234	2017	5412
4690	13490	10945	14329	4997	1756	872	872	3008	854	3033	255	2133	5504
4691	14233	11061	14531	5270	1772	891	891	3043	894	3078	260	2169	5733
4692	14473	11348	15217	5483	1776	908	908	3177	938	3209	269	2265	5858
4693	14484	11707	16010	5498	1799	927	927	3338	972	3418	291	2431	5917
4694	14251	12212	16956	5367	1834	932	932	3404	1007	3628	302	2647	5859
4695	14003	12935	18074	5253	1849	925	925	3404	1020	3823	317	2891	5895
4696	14035	13782	19080	5213	1890	940	940	3472	1026	3934	330	3032	6022
4697	14443	14583	19392	5281	1943	952	952	3479	1025	4011	351	3071	5975
4698	14868	14819	18781	5380	1997	968	968	3561	975	3973	358	2936	5761
4699	14960	14093	17018	5273	2039	960	960	3504	938	3774	344	2639	5608
4700	14693	12914	16565	5161	2010	928	928	3347	984	3540	324	2465	5569
4701	14549	13325	18449	5169	1945	927	927	3499	1000	3478	307	2427	5609
4702	15153	11938	16126	5482	1902	962	962	3683	866	3209	320	2209	5708
4703	13550	10952	14393	5298	1820	907	907	3328	836	3057	283	2145	5428
4704	12898	10401	13999	4934	1751	864	864	3015	783	2949	258	2073	5358
4705	12085	9435	13122	4778	1623	800	800	2849	722	2703	230	1910	5119
4706	11312	8710	12220	4469	1460	756	756	2572	679	2464	197	1765	4998
4707	10878	8350	11666	4285	1418	723	723	2468	661	2301	177	1622	4928
4708	10778	8388	11654	4198	1371	708	708	2370	674	2200	166	1525	4938
4709	11411	9082	12535	4210	1392	729	729	2438	755	2250	173	1512	5020
4710	12493	10287	14147	4377	1491	764	764	2702	836	2425	203	1431	5365
4711	13966	11697	15935	4898	1701	870	870	3134	915	2769	249	1697	5790
4712	14354	12475	16921	5379	1901	953	953	3481	943	3092	294	1937	5898
4713	14807	12626	17167	5524	1956	970	970	3569	960	3243	313	2075	6088
4714	15623	12937	18209	5802	1994	1003	1003	3687	1008	3280	323	2113	6329
4715	16216	13520	19486	6144	2058	1059	1059	3882	1059	3347	346	2182	6480
4716	16446	13951	20275	6226	2155	1083	1083	4037	1106	3492	368	2240	6493
4717	16395	14766	21195	6348	2281	1100	1100	4190	1152	3699	392	2426	6501
4718	16490	15534	22293	6286	2381	1114	1114	4315	1180	3932	424	2626	6473
4719	16346	16523	22909	6139	2474	1132	1132	4395	1191	4194	437	2859	6457
4720	16085	17165	22687	5989	2470	1127	1127	4538	1177	4313	441	3059	6374
4721	16222	17319	21509	5993	2445	1155	1155	4569	1103	4373	443	3107	6291
4722	16329	16699	19763	6045	2342	1134	1134	4346	1033	4253	418	2961	6024
4723	16068	15611	18251	5700	2325	1096	1096	4020	992	3953	395	2627	5925
4724	15452	14225	17837	5541	2330	1056	1056	3891	1061	3677	365	2516	5890
4725	15231	14183	18304	5470	2270	1036	1036	3833	1054	3579	344	2463	5870
4726	15190	12944	17134	5598	2196	1040	1040	3845	947	3376	341	2160	5869
4727	14353	12477	16738	5438	2027	982	982	3582	915	3272	316	2096	5789
4728	13585	11571	15561	5322	1947	953	953	3434	853	3070	295	1995	5540
4729	12745	10372	14013	4895	1844	881	881	3122	781	2843	256	1894	5216
4730	11980	9553	13048	4463	1781	818	818	2778	737	2633	222	1758	5049
4731	11489	8987	12304	4202	1687	781	781	2577	711	2457	196	1595	5015
4732	11231	8853	12128	4143	1611	760	760	2481	705	2341	180	1500	4980
4733	11636	9395	12871	4118	1570	753	753	2558	773	2363	184	1501	5004
4734	12794	10598	14363	4266	1602	817	817	2819	854	2507	215	1443	5338
4735	14031	11923	16129	4825	1762	898	898	3228	920	2799	256	1681	5766
4736	14320	12801	17118	5374	1936	978	978	3550	944	3083	296	1893	5852
4737	14879	12932	17366	5521	1995	998	998	3640	959	3263	315	2059	6014
4738	15459	13321	18278	5890	2017	1056	1056	3746	1002	3311	322	2130	6192
4739	16007	13894	19414	6278	2081	1131	1131	3979	1043	3379	346	2160	6289
4740	16195	14396	20139	6322	2172	1161	1161	4284	1069	3555	373	2267	6320
4741	16227	15271	20864	6389	2313	1170	1170	4411	1115	3802	396	2445	6338
4742	16129	16384	21975	6367	2367	1199	1199	4590	1160	4077	420	2628	6302
4743	15869	17296	22439	6270	2384	1199	1199	4699	1188	4340	432	2889	6317
4744	15803	17945	22418	6128	2465	1205	1205	4772	1152	4532	443	3131	6321
4745	15994	18075	21593	6168	2522	1197	1197	4734	1073	4596	447	3180	6253
4746	16217	17044	19870	6260	2518	1157	1157	4521	1002	4441	435	3121	5975
4747	15963	15900	18488	5838	2545	1103	1103	4205	971	4091	386	2794	5857
4748	15340	14512	18073	5592	2528	1052	1052	3922	1021	3819	378	2581	5831
4749	15113	14504	18513	5514	2408	1032	1032	3857	1024	3714	353	2513	5821
4750	15147	13162	17372	5651	2303	1055	1055	3892	945	3464	356	2222	5820
4751	14298	12727	16909	5455	2120	997	997	3640	895	3310	319	2135	5745
4752	13567	11683	15633	5320	1992	964	964	3457	824	3166	301	2057	5422
4753	12679	10613	14134	4931	1889	891	891	3090	767	2926	259	1936	5153
4754	11829	9800	13017	4535	1805	839	839	2822	722	2691	225	1766	4980
4755	11497	9297	12254	4311	1712	796	796	2599	701	2513	202	1608	4914
4756	11314	9135	12084	4256	1688	772	772	2459	698	2371	189	1503	4895

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4757	11713	9694	12769	4208	1632	781	781	2542	761	2395	192	1494	4902
4758	12735	10815	14292	4418	1649	814	814	2815	841	2522	220	1436	5185
4759	13965	11993	16229	4986	1787	912	912	3212	915	2822	262	1661	5652
4760	14262	12593	17532	5437	1947	989	989	3558	943	3124	300	1908	5770
4761	14736	12780	17856	5610	1982	1006	1006	3624	955	3313	318	2148	5961
4762	15462	13472	18448	5927	2000	1042	1042	3753	992	3367	326	2232	6180
4763	16081	14468	19525	6155	2078	1102	1102	3949	1032	3427	351	2278	6375
4764	16169	14881	20506	6177	2157	1136	1136	4266	1064	3603	390	2417	6472
4765	16252	15643	21611	6202	2264	1163	1163	4437	1112	3832	412	2618	6522
4766	16238	16542	22841	6167	2368	1178	1178	4631	1152	4104	435	2855	6519
4767	16124	17254	23695	6047	2440	1219	1219	4758	1180	4332	447	3050	6507
4768	16010	17553	23899	5913	2434	1222	1222	4812	1184	4483	456	3191	6555
4769	16184	17243	22918	5943	2405	1221	1221	4732	1110	4532	455	3217	6354
4770	16260	16102	21046	6035	2331	1185	1185	4370	1033	4352	434	3083	6000
4771	15932	14993	19401	5738	2234	1118	1118	4011	992	4038	395	2773	5842
4772	15280	13766	18676	5600	2140	1076	1076	3796	1044	3762	366	2617	5785
4773	15009	14008	18854	5534	2082	1054	1054	3822	1042	3655	348	2548	5769
4774	15120	12799	17909	5677	2077	1058	1058	3781	949	3490	347	2294	5766
4775	14238	12426	17443	5511	2007	1006	1006	3623	913	3367	321	2235	5703
4776	13525	11299	16088	5389	1948	975	975	3390	849	3233	304	2150	5428
4777	12606	10431	14416	5012	1833	876	876	3058	785	2936	264	1984	5184
4778	11807	9602	13177	4604	1752	817	817	2832	749	2694	227	1812	5038
4779	11345	9139	12343	4372	1674	774	774	2621	713	2497	202	1671	4961
4780	11125	8973	12163	4287	1609	749	749	2498	711	2352	187	1560	4936
4781	11699	9549	12794	4295	1608	751	751	2586	785	2337	193	1519	5003
4782	12609	10699	14415	4494	1628	797	797	2871	858	2454	218	1422	5347
4783	13876	11900	16336	5043	1749	914	914	3208	926	2822	257	1693	5791
4784	14211	12654	17655	5477	1886	983	983	3523	950	3164	294	1968	5897
4785	14711	12778	17987	5629	1921	1003	1003	3606	963	3379	314	2186	6020
4786	15338	13100	18616	5978	1945	1055	1055	3751	1010	3440	321	2242	6216
4787	15802	13726	19729	6208	1994	1120	1120	4027	1048	3507	345	2372	6401
4788	15812	14094	20640	6164	2113	1147	1147	4244	1075	3665	373	2537	6463
4789	15954	14769	21554	6280	2222	1160	1160	4482	1144	3865	391	2740	6551
4790	16029	15539	22744	6190	2225	1190	1190	4663	1185	4094	409	2900	6565
4791	15942	16330	23626	6128	2266	1177	1177	4793	1179	4313	416	3032	6635
4792	15743	16774	23801	6029	2292	1168	1168	4797	1173	4448	425	3219	6653
4793	15971	16758	23007	6050	2321	1178	1178	4769	1091	4473	436	3290	6478
4794	16062	15904	21204	6201	2256	1122	1122	4499	1009	4320	421	3116	6163
4795	15764	15036	19566	5927	2225	1083	1083	4146	977	4029	395	2822	6027
4796	15084	13742	18780	5685	2168	1034	1034	3856	1024	3775	363	2645	5945
4797	14841	13856	18868	5626	2074	1012	1012	3830	1010	3685	343	2557	5910
4798	14954	12927	18020	5765	2045	1019	1019	3832	950	3521	340	2300	5914
4799	14209	12578	17518	5583	1939	993	993	3613	909	3436	316	2235	5865
4800	13677	11568	16041	5443	1883	944	944	3468	832	3267	301	2128	5623
4801	12524	10340	14474	5059	1764	870	870	3160	773	3009	259	1986	5368
4802	11704	9557	13267	4642	1712	819	819	2950	728	2753	225	1824	5173
4803	11224	9015	12435	4399	1656	771	771	2705	689	2537	200	1669	5084
4804	11008	8856	12095	4317	1554	745	745	2596	681	2386	185	1562	5049
4805	11286	9232	12637	4301	1575	756	756	2634	746	2331	185	1542	5107
4806	12119	10131	13813	4482	1581	786	786	2880	815	2415	206	1401	5388
4807	13315	11276	15432	5051	1696	871	871	3068	885	2720	240	1640	5844
4808	13770	12122	16813	5490	1809	934	934	3403	915	3078	278	1947	5950
4809	14254	12361	17206	5643	1835	955	955	3451	930	3331	300	2148	6183
4810	15002	12633	17769	5941	1857	1030	1030	3733	983	3408	306	2254	6472
4811	15692	13246	18815	6195	1938	1085	1085	4022	1037	3464	332	2283	6716
4812	15702	13701	19788	6200	2015	1119	1119	4303	1083	3622	360	2385	6767
4813	15675	14520	20730	6238	2086	1137	1137	4529	1143	3844	381	2551	6778
4814	15594	15402	21821	6208	2160	1139	1139	4635	1182	4092	401	2731	6752
4815	15367	16304	22391	6120	2127	1140	1140	4464	1181	4341	408	2944	6714
4816	15255	16993	22612	5951	2250	1128	1128	4222	1168	4519	413	3073	6554
4817	15402	17056	21641	5925	2257	1106	1106	4273	1091	4548	425	3114	6313
4818	15367	16050	19932	5921	2220	1059	1059	4066	988	4397	413	3009	6048
4819	15002	14736	18407	5733	2205	994	994	3675	936	4072	375	2738	5962
4820	14357	13335	17722	5597	2041	956	956	3498	989	3776	349	2560	5925
4821	14071	13214	17742	5541	1955	946	946	3482	974	3664	326	2471	5919
4822	14096	12445	17214	5579	1912	953	953	3499	917	3496	320	2297	5915
4823	13767	12169	16804	5512	1853	940	940	3440	888	3410	301	2257	5832
4824	13274	11244	15617	5420	1812	907	907	3305	813	3287	291	2178	5557
4825	12356	10151	13985	4928	1710	846	846	2968	757	3002	256	2069	5355
4826	11670	9279	12764	4584	1623	792	792	2734	708	2769	224	1930	5185
4827	11145	8685	11847	4362	1557	750	750	2575	672	2531	199	1791	5063
4828	10888	8354	11412	4240	1479	739	739	2423	654	2357	181	1682	5014
4829	10955	8467	11372	4179	1438	729	729	2402	672	2212	175	1610	4925
4830	11145	8740	11762	4131	1465	750	750	2478	675	2152	181	1405	4900
4831	11697	9408	12391	4345	1501	766	766	2579	754	2278	192	1570	5239
4832	12766	10505	14138	4812	1630	843	843	2927	844	2735	223	1867	5528
4833	13148	11433	15441	5056	1731	889	889	3147	874	3115	265	2133	5637
4834	14041	11677	15684	5327	1765	920	920	3239	908	3261	284	2249	5874
4835	14811	12007	16079	5648	1774	981	981	3494	956	3321	293	2281	6114
4836	14955	12413	16607	5768	1805	1033	1033	3730	980	3460	309	2391	6161
4837	14660	12900	17095	5701	1841	1033	1033	3874	1014	3621	325	2560	6115
4838	14275	13578	17392	5571	1863	1021	1021	3880	1041	3769	342	2727	6045

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4839	14101	14237	17868	5399	1888	1017	1017	3879	1053	3919	351	2892	6002
4840	14086	14928	18062	5330	1910	1033	1033	3791	1070	4019	363	3009	6002
4841	14367	15367	17876	5311	1944	1033	1033	3719	1061	4100	377	3039	5915
4842	14607	15168	17473	5340	2006	1045	1045	3647	995	4044	383	2945	5698
4843	14478	14184	16608	5242	2052	1014	1014	3462	954	3828	375	2697	5598
4844	14102	12928	16266	5140	2003	952	952	3309	999	3655	352	2562	5564
4845	13911	12935	16525	5106	1904	940	940	3334	988	3583	332	2495	5562
4846	14211	12021	15858	5191	1895	984	984	3438	884	3368	327	2317	5581
4847	13324	11617	15609	5095	1841	913	913	3195	862	3264	296	2261	5543
4848	12856	10865	14851	5015	1765	886	886	3106	803	3146	282	2217	5400
4849	12270	9871	13648	4717	1691	837	837	2893	754	2924	249	2049	5249
4850	11539	9089	12662	4467	1625	788	788	2699	701	2704	214	1905	5107
4851	11051	8488	11781	4260	1542	759	759	2555	672	2488	187	1745	4989
4852	10771	8133	11326	4142	1488	725	725	2467	658	2300	167	1613	4922
4853	10692	8098	11151	4097	1445	726	726	2372	661	2170	157	1525	4814
4854	10678	8130	11015	4024	1399	728	728	2400	650	2055	160	1287	4788
4855	11038	8563	11172	4071	1390	734	734	2350	698	2096	157	1419	4994
4856	12273	9762	12717	4491	1493	800	800	2688	793	2459	189	1716	5296
4857	13067	10857	14205	4862	1642	872	872	2905	842	2857	240	2014	5425
4858	13378	11284	14967	4970	1702	883	883	3031	855	3063	263	2146	5526
4859	13946	11362	15099	5246	1723	899	899	3060	896	3106	269	2194	5757
4860	14158	11579	15425	5447	1727	916	916	3170	939	3194	280	2322	5875
4861	14261	11923	15838	5464	1754	931	931	3317	974	3344	306	2508	5915
4862	14174	12428	16314	5337	1794	939	939	3377	1011	3500	318	2733	5863
4863	14027	13165	16825	5216	1826	939	939	3392	1026	3650	336	2946	5903
4864	14071	13932	17214	5165	1896	959	959	3446	1022	3752	345	3058	6022
4865	14451	14621	17308	5218	1951	974	974	3454	1015	3833	358	3071	5960
4866	14909	14819	17030	5297	1998	1002	1002	3523	971	3815	356	2926	5745
4867	15013	14168	16283	5239	2055	990	990	3472	937	3661	339	2640	5588
4868	14784	13078	16039	5137	2020	963	963	3337	994	3503	318	2514	5535
4869	14649	13203	16545	5159	1945	969	969	3525	998	3467	308	2463	5582
4870	15153	12014	15635	5498	1899	1013	1013	3683	864	3230	322	2230	5685
4871	13518	11310	15039	5273	1792	933	933	3299	835	3095	286	2159	5440
4872	12981	10687	14554	4911	1712	881	881	3035	781	2964	265	2083	5362
4873	12188	9583	13070	4744	1635	833	833	2902	713	2704	231	1927	5153
4874	11455	8774	12038	4425	1466	789	789	2615	673	2456	198	1760	5017
4875	11024	8381	11307	4230	1416	752	752	2501	653	2296	178	1610	4959
4876	10872	8373	11247	4136	1371	733	733	2427	668	2200	166	1513	4977
4877	11455	9057	12228	4137	1392	752	752	2515	756	2263	174	1510	5029
4878	12493	10358	14150	4311	1485	791	791	2799	842	2477	207	1431	5290
4879	13965	11882	16227	4796	1683	888	888	3180	912	2829	257	1699	5701
4880	14458	12843	17618	5298	1862	970	970	3505	940	3188	300	1971	5827
4881	14786	13123	17904	5419	1917	990	990	3568	963	3361	317	2147	6026
4882	15612	13261	18601	5675	1943	1017	1017	3730	1018	3400	327	2186	6350
4883	16139	13665	19652	6016	2009	1065	1065	3944	1079	3466	349	2236	6558
4884	16444	14049	20438	6109	2094	1090	1090	4072	1138	3600	371	2291	6620
4885	16500	14825	21332	6252	2194	1106	1106	4252	1188	3787	399	2443	6609
4886	16693	15525	22314	6187	2329	1125	1125	4391	1191	3999	422	2633	6556
4887	16625	16447	22909	6082	2425	1137	1137	4450	1191	4223	432	2846	6530
4888	16421	17164	22807	5939	2474	1138	1138	4569	1174	4327	438	3045	6516
4889	16632	17319	21913	5944	2430	1164	1164	4490	1096	4373	443	3095	6413
4890	16735	16790	20496	6050	2342	1138	1138	4239	1026	4258	427	2974	6061
4891	16424	15950	19136	5713	2349	1101	1101	3900	984	3996	398	2698	5929
4892	15736	14608	18719	5542	2334	1066	1066	3779	1072	3771	367	2599	5872
4893	15464	14435	18860	5464	2251	1049	1049	3781	1050	3688	347	2518	5850
4894	15415	13367	17938	5664	2184	1057	1057	3774	941	3506	345	2245	5847
4895	14465	12967	17506	5419	2011	1001	1001	3569	904	3397	319	2180	5783
4896	13708	11993	16082	5290	1914	974	974	3397	840	3226	297	2092	5559
4897	12725	10460	14110	4876	1807	895	895	3043	737	2957	256	1935	5254
4898	11906	9492	12954	4427	1701	831	831	2673	684	2720	218	1745	5090
4899	11428	8828	12066	4197	1593	791	791	2490	650	2520	193	1583	5042
4900	11154	8635	11783	4133	1508	762	762	2404	649	2391	177	1466	5030
4901	11549	9194	12596	4118	1465	756	756	2508	740	2406	181	1456	5075
4902	12771	10637	14484	4317	1497	823	823	2825	842	2579	214	1390	5371
4903	14057	12108	16534	4896	1678	905	905	3203	913	2899	259	1668	5808
4904	14438	13239	17865	5459	1875	990	990	3529	937	3223	301	1945	5898
4905	14739	13482	18162	5593	1964	1010	1010	3603	953	3423	324	2165	6101
4906	15195	13648	18910	5841	1984	1057	1057	3732	1002	3466	329	2249	6347
4907	15695	14038	19977	6092	2013	1125	1125	4018	1048	3550	350	2285	6493
4908	15869	14442	20747	6104	2061	1149	1149	4329	1081	3725	374	2407	6543
4909	15971	15080	21476	6150	2180	1164	1164	4453	1129	3952	396	2590	6592
4910	15951	15923	21655	6158	2251	1197	1197	4641	1172	4209	418	2777	6554
4911	15813	16351	22364	6109	2289	1198	1198	4746	1188	4427	430	3010	6597
4912	15866	16807	22439	6036	2358	1205	1205	4772	1132	4571	443	3180	6579
4913	16041	16984	21846	6049	2390	1204	1204	4686	1041	4596	447	3174	6507
4914	16227	16315	20520	6114	2397	1168	1168	4484	975	4389	434	3101	6130
4915	15942	15536	19316	5788	2390	1114	1114	4127	952	4036	392	2807	5953
4916	15427	14691	18990	5622	2347	1067	1067	3884	1004	3831	382	2658	5908
4917	15230	14580	19251	5556	2260	1043	1043	3878	1000	3755	361	2568	5894
4918	15238	13632	18232	5664	2180	1062	1062	3869	936	3569	361	2319	5887
4919	14441	13237	17755	5516	2054	1012	1012	3601	865	3460	328	2252	5821
4920	13780	12007	16303	5386	1967	972	972	3405	780	3290	310	2148	5510

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
4921	12614	10698	14334	4936	1765	903	903	3076	734	2991	264	2042	5278
4922	11697	9662	13000	4538	1606	846	846	2819	682	2732	226	1869	5124
4923	11264	8984	12011	4292	1481	807	807	2615	654	2537	198	1708	5042
4924	10966	8742	11744	4233	1400	787	787	2489	656	2379	183	1603	5024
4925	11358	9372	12453	4208	1313	793	793	2559	734	2409	185	1592	5073
4926	12559	10768	14424	4433	1355	827	827	2896	827	2577	217	1537	5363
4927	13942	12175	16623	4984	1589	928	928	3232	908	2904	264	1737	5810
4928	14335	13051	18234	5446	1870	1004	1004	3540	936	3227	307	1998	5909
4929	14643	13195	18640	5629	1955	1023	1023	3590	950	3430	329	2244	6071
4930	15266	13390	19252	5964	1967	1044	1044	3767	994	3479	336	2329	6214
4931	15842	13750	20280	6160	2021	1085	1085	3998	1040	3544	359	2372	6392
4932	15978	13908	21268	6200	2092	1119	1119	4306	1074	3697	393	2505	6452
4933	16182	14251	22245	6202	2198	1152	1152	4504	1117	3918	415	2685	6501
4934	16260	14676	23251	6191	2290	1172	1172	4705	1155	4163	437	2894	6542
4935	16128	14975	23832	6089	2360	1212	1212	4780	1184	4372	448	3077	6552
4936	16056	15122	23899	5962	2413	1222	1222	4812	1177	4517	456	3198	6555
4937	16188	15048	22954	5950	2440	1215	1215	4718	1103	4532	453	3217	6368
4938	16227	14588	21288	6041	2382	1198	1198	4303	1025	4338	439	3075	6077
4939	15915	14141	19842	5734	2287	1133	1133	3976	982	4035	404	2791	5949
4940	15327	13704	19293	5576	2172	1092	1092	3735	1038	3803	376	2695	5907
4941	15108	13745	19340	5533	2092	1072	1072	3813	1019	3713	360	2622	5905
4942	15123	13245	18647	5688	2086	1074	1074	3717	938	3576	359	2387	5897
4943	14334	12909	18026	5491	1989	1028	1028	3584	889	3475	331	2331	5831
4944	13441	11574	16321	5363	1906	1000	1000	3318	806	3307	314	2257	5559
4945	12467	10309	14537	4961	1710	920	920	2975	742	3037	268	2067	5314
4946	11553	9248	13140	4564	1539	864	864	2741	702	2799	226	1885	5168
4947	11042	8612	12205	4343	1371	819	819	2525	659	2604	196	1714	5092
4948	10774	8397	11958	4263	1268	792	792	2415	662	2464	179	1559	5064
4949	11383	9055	12671	4268	1251	789	789	2534	751	2462	184	1524	5136
4950	12450	10611	14574	4489	1295	833	833	2829	841	2597	214	1422	5423
4951	13807	12069	16674	5015	1562	936	936	3192	910	2941	259	1701	5848
4952	14212	13025	18068	5445	1822	1003	1003	3530	933	3287	300	2030	5956
4953	14611	13205	18396	5564	1907	1018	1018	3612	945	3490	325	2290	6065
4954	15211	13462	19044	5859	1918	1051	1051	3745	992	3538	332	2354	6243
4955	15712	13987	20160	6026	1975	1106	1106	4016	1034	3608	353	2486	6406
4956	15741	14334	20940	6008	2080	1133	1133	4190	1062	3750	379	2656	6461
4957	15906	14968	21844	6101	2173	1153	1153	4427	1137	3944	397	2836	6541
4958	16059	15690	22896	6032	2209	1184	1184	4641	1185	4158	414	2992	6546
4959	15934	16400	23725	5989	2262	1178	1178	4791	1180	4340	421	3114	6631
4960	15775	16774	23801	5897	2284	1180	1180	4797	1174	4465	429	3264	6653
4961	15966	16749	22941	5893	2321	1194	1194	4770	1084	4477	436	3290	6499
4962	16062	15888	21083	6005	2266	1142	1142	4523	1000	4314	422	3092	6218
4963	15690	15145	19539	5791	2213	1100	1100	4174	967	4039	399	2822	6088
4964	15068	14101	19004	5616	2139	1059	1059	3880	1043	3838	370	2733	6012
4965	14886	14204	19042	5577	2040	1040	1040	3880	1015	3755	354	2636	5987
4966	14982	13332	18380	5702	2009	1041	1041	3865	933	3616	352	2402	5981
4967	14214	12935	17729	5524	1918	1016	1016	3624	889	3534	328	2344	5926
4968	13512	11632	15997	5407	1840	967	967	3458	807	3371	311	2219	5684
4969	12268	10436	14461	5029	1675	898	898	3111	752	3128	267	2049	5458
4970	11312	9542	13181	4636	1584	849	849	2831	705	2893	228	1866	5288
4971	10732	8913	12338	4395	1476	804	804	2540	669	2678	201	1684	5174
4972	10531	8682	12044	4317	1261	788	788	2438	663	2540	185	1557	5148
4973	10925	9220	12777	4301	1261	795	795	2498	746	2515	185	1538	5195
4974	12164	10519	14504	4512	1308	830	830	2862	829	2652	212	1401	5441
4975	13554	11905	16378	5031	1575	916	916	3136	908	2956	257	1674	5891
4976	13950	12783	17654	5447	1797	967	967	3531	934	3303	299	2024	5996
4977	14504	12958	17932	5609	1843	988	988	3586	952	3497	322	2235	6202
4978	15167	13252	18869	5934	1875	1051	1051	3855	1001	3535	330	2324	6463
4979	15702	13777	20204	6184	1945	1093	1093	4088	1050	3628	358	2370	6694
4980	15694	14185	21230	6173	2000	1135	1135	4337	1091	3800	389	2492	6773
4981	15621	14955	22247	6206	2077	1153	1153	4525	1146	4032	410	2675	6778
4982	15649	15759	23504	6175	2152	1159	1159	4635	1182	4275	429	2882	6771
4983	15435	16542	24067	6078	2160	1156	1156	4531	1180	4508	429	3114	6739
4984	15355	17056	24049	5917	2250	1147	1147	4357	1161	4648	432	3086	6568
4985	15456	16929	22653	5874	2257	1126	1126	4376	1081	4651	440	2967	6339
4986	15388	15908	20491	5896	2207	1073	1073	4221	992	4456	421	2845	6097
4987	15022	14811	18813	5702	2168	1015	1015	3848	953	4106	382	2640	6019
4988	14415	13717	18283	5550	2022	982	982	3671	1007	3793	362	2552	5980
4989	14213	13624	18327	5499	1937	975	975	3647	984	3680	343	2496	5974
4990	14280	12987	17858	5560	1906	979	979	3655	934	3561	339	2347	5971
4991	13910	12621	17186	5467	1850	969	969	3577	899	3509	323	2317	5887
4992	13218	11398	15732	5374	1778	929	929	3382	823	3299	308	2197	5619
4993	12154	10327	14219	4887	1658	855	855	3028	784	3067	267	2073	5428
4994	11347	9421	13109	4557	1553	808	808	2807	741	2896	236	1933	5287
4995	10779	8810	12190	4334	1456	772	772	2651	713	2724	209	1806	5172
4996	10474	8466	11840	4204	1350	769	769	2494	697	2600	191	1690	5135
4997	10601	8571	11759	4152	1305	758	758	2466	716	2501	184	1611	5074
4998	10912	8951	12333	4131	1353	786	786	2559	722	2483	192	1406	5030
4999	11517	9564	12989	4322	1396	804	804	2658	788	2562	205	1517	5319
5000	12777	10693	14558	4786	1553	868	868	2991	864	2865	235	1823	5580
5001	13201	11577	15569	5020	1680	899	899	3176	886	3132	276	2113	5671
5002	14243	11801	15935	5242	1727	947	947	3252	921	3234	291	2232	5883

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5003	14897	12181	17107	5481	1746	1003	1003	3530	960	3298	309	2274	6108
5004	14955	12648	18491	5556	1780	1045	1045	3741	986	3449	335	2392	6161
5005	14609	13171	19762	5500	1813	1039	1039	3880	1013	3625	356	2593	6137
5006	14297	13835	20675	5398	1835	1024	1024	3850	1042	3769	372	2779	6091
5007	14087	14456	21742	5278	1862	1016	1016	3816	1051	3899	380	2981	6035
5008	14106	15017	22285	5233	1889	1021	1021	3713	1070	4010	395	3102	6049
5009	14395	15367	21572	5231	1961	1021	1021	3647	1051	4100	411	3031	5956
5010	14623	15032	20131	5268	2019	1016	1016	3590	989	4023	416	2764	5744
5011	14512	13957	17845	5180	2052	988	988	3424	955	3776	400	2524	5650
5012	14107	12788	17310	5090	1983	940	940	3291	1010	3627	367	2446	5615
5013	13962	12810	17980	5061	1865	938	938	3350	985	3563	348	2394	5617
5014	14242	11974	16146	5157	1866	978	978	3403	893	3337	344	2264	5622
5015	13315	11663	15601	5068	1803	913	913	3198	874	3237	304	2235	5588
5016	12844	10763	14718	4991	1725	892	892	3108	822	3149	287	2160	5443
5017	12172	9922	13491	4707	1633	847	847	2863	763	2956	254	2001	5301
5018	11401	9226	12553	4447	1533	795	795	2679	711	2799	226	1883	5179
5019	10870	8658	11664	4238	1430	766	766	2534	676	2651	204	1768	5062
5020	10568	8323	11192	4133	1372	732	732	2426	663	2515	188	1668	5015
5021	10505	8323	11062	4092	1310	736	736	2339	670	2438	181	1605	4949
5022	10496	8458	11049	4024	1262	739	739	2399	670	2373	183	1425	4904
5023	10779	8769	11177	4048	1275	751	751	2367	711	2393	185	1511	5067
5024	12144	9878	12682	4494	1410	811	811	2674	800	2645	209	1761	5332
5025	13044	10835	14056	4871	1588	875	875	2904	850	2933	247	2006	5463
5026	13310	11161	14721	4969	1661	885	885	3006	862	3077	263	2088	5536
5027	13777	11249	15009	5181	1685	912	912	3060	908	3113	268	2220	5718
5028	13928	11501	16126	5341	1689	939	939	3226	949	3206	281	2429	5859
5029	14015	11849	17430	5354	1709	955	955	3406	984	3356	311	2513	5877
5030	13957	12366	18857	5238	1748	959	959	3457	1021	3505	323	2765	5863
5031	13904	13121	20401	5156	1788	959	959	3468	1027	3653	341	2937	5929
5032	13960	13910	21665	5122	1874	981	981	3539	1022	3743	350	3048	6022
5033	14320	14659	21961	5158	1941	1008	1008	3560	1028	3825	362	3071	5953
5034	14745	14932	20922	5208	2006	1059	1059	3664	993	3807	361	2862	5764
5035	14872	14185	18653	5167	2055	1047	1047	3607	958	3654	338	2498	5637
5036	14666	13225	18603	5107	1997	1007	1007	3454	1020	3524	314	2440	5593
5037	14633	13438	20494	5131	1918	1025	1025	3782	996	3495	309	2385	5667
5038	15153	11950	17038	5424	1877	1105	1105	3885	866	3247	323	2149	5738
5039	13494	11170	14785	5186	1747	960	960	3356	836	3100	281	2085	5479
5040	12952	10562	14268	4916	1667	882	882	3005	781	3013	262	2013	5412
5041	12240	9490	12972	4736	1586	831	831	2875	714	2862	237	1894	5108
5042	11509	8723	11950	4423	1413	788	788	2615	673	2674	209	1749	4974
5043	11034	8373	11313	4234	1373	751	751	2512	653	2544	193	1626	4901
5044	10872	8382	11247	4139	1320	733	733	2427	669	2473	184	1558	4899
5045	11427	9052	12248	4136	1335	756	756	2516	761	2528	192	1564	4979
5046	12612	10398	14226	4317	1435	793	793	2834	847	2706	223	1522	5245
5047	13907	11803	16161	4774	1621	896	896	3151	912	2977	268	1729	5717
5048	14467	12661	17474	5295	1788	969	969	3443	936	3254	302	1963	5867
5049	14725	12868	17782	5411	1839	987	987	3506	959	3387	316	2110	6038
5050	15422	13125	19188	5746	1868	1019	1019	3675	1010	3421	327	2142	6318
5051	15977	13690	21177	6100	1938	1073	1073	3875	1064	3490	351	2193	6535
5052	16169	14164	22642	6182	2016	1107	1107	3998	1108	3641	375	2241	6620
5053	16493	15127	24316	6252	2133	1124	1124	4203	1153	3859	392	2393	6620
5054	16679	15946	26101	6179	2282	1142	1142	4340	1151	4104	408	2573	6571
5055	16609	17041	27249	6092	2410	1155	1155	4413	1146	4349	416	2798	6582
5056	16444	17952	26960	5957	2474	1166	1166	4463	1127	4451	421	3006	6569
5057	16617	18023	25243	5937	2444	1186	1186	4323	1049	4504	427	3063	6468
5058	16735	17306	22574	6017	2296	1155	1155	4067	993	4352	410	2921	6129
5059	16398	16129	20019	5669	2274	1115	1115	3796	966	4058	383	2635	5983
5060	15707	14578	19544	5506	2261	1073	1073	3657	1038	3831	355	2571	5918
5061	15423	14498	19686	5439	2143	1060	1060	3695	1008	3746	341	2454	5908
5062	15369	13113	17822	5648	2072	1075	1075	3686	936	3547	339	2187	5883
5063	14484	12680	17336	5408	1914	996	996	3494	891	3419	316	2133	5807
5064	13730	11725	15971	5292	1829	968	968	3316	823	3282	296	2058	5541
5065	12692	10342	14072	4883	1705	890	890	3011	737	2970	253	1890	5291
5066	11799	9388	12879	4431	1585	831	831	2678	683	2728	216	1703	5124
5067	11327	8789	12014	4210	1487	787	787	2492	649	2518	192	1553	5084
5068	11038	8635	11783	4131	1409	764	764	2404	656	2391	177	1443	5077
5069	11398	9178	12607	4118	1384	756	756	2490	739	2410	182	1437	5151
5070	12657	10632	14503	4332	1449	827	827	2825	836	2604	216	1390	5420
5071	13975	11981	16465	4870	1634	908	908	3182	908	2913	263	1644	5840
5072	14427	12943	17753	5424	1799	986	986	3462	932	3246	301	1921	5935
5073	14642	13131	18114	5578	1875	1007	1007	3528	948	3450	321	2140	6097
5074	15111	13402	19903	5925	1889	1055	1055	3646	991	3493	326	2221	6332
5075	15699	14024	22388	6276	1933	1119	1119	3951	1034	3576	346	2258	6488
5076	15884	14649	24165	6300	1993	1144	1144	4186	1063	3767	368	2389	6571
5077	16096	15582	25855	6395	2107	1164	1164	4348	1111	4026	387	2601	6626
5078	16202	16858	26421	6368	2187	1191	1191	4513	1148	4316	404	2811	6663
5079	16086	17525	28161	6311	2258	1203	1203	4665	1164	4567	414	3097	6732
5080	16242	18232	28209	6210	2308	1205	1205	4666	1116	4709	429	3280	6718
5081	16449	18493	26684	6213	2388	1202	1202	4631	1041	4727	431	3273	6619
5082	16619	17426	23507	6302	2395	1161	1161	4399	977	4502	412	3178	6201
5083	16180	16162	20698	5842	2341	1112	1112	4033	951	4106	372	2832	6021
5084	15561	14852	20363	5618	2264	1064	1064	3786	1019	3903	363	2730	5978

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5085	15385	14738	20722	5556	2162	1036	1036	3841	997	3815	348	2598	5965
5086	15413	13315	18260	5723	2088	1052	1052	3791	932	3612	348	2303	5942
5087	14441	12859	17629	5498	1936	1003	1003	3527	868	3489	322	2224	5868
5088	13804	11646	16219	5362	1848	959	959	3344	789	3330	302	2129	5571
5089	12625	10489	14315	4979	1643	889	889	2978	735	3014	257	2022	5291
5090	11731	9555	13037	4593	1543	840	840	2724	686	2739	223	1851	5155
5091	11233	8935	12018	4378	1433	807	807	2474	654	2545	196	1692	5076
5092	10966	8742	11744	4311	1367	787	787	2357	661	2379	183	1592	5061
5093	11339	9389	12468	4282	1313	788	788	2442	738	2402	185	1585	5152
5094	12553	10805	14483	4521	1389	829	829	2821	837	2601	217	1558	5424
5095	13935	12073	16589	5015	1594	928	928	3170	910	2933	266	1734	5860
5096	14399	12841	18191	5451	1812	997	997	3484	935	3277	303	1993	5959
5097	14595	12982	18605	5616	1883	1014	1014	3537	949	3487	324	2239	6121
5098	15129	13534	19714	5928	1892	1038	1038	3754	987	3543	331	2325	6290
5099	15670	14551	21655	6140	1925	1076	1076	3993	1025	3595	352	2374	6482
5100	15885	15038	23433	6176	1981	1110	1110	4331	1049	3723	382	2544	6574
5101	16383	16141	25346	6202	2063	1143	1143	4539	1090	3911	399	2766	6650
5102	16331	17453	27335	6202	2145	1162	1162	4732	1123	4122	418	3009	6723
5103	16292	18478	28556	6123	2245	1205	1205	4790	1150	4284	426	3244	6742
5104	16272	19112	28300	5974	2354	1213	1213	4812	1137	4413	434	3401	6761
5105	16379	18980	26652	5948	2391	1203	1203	4710	1067	4441	437	3424	6545
5106	16373	17603	23756	6044	2357	1194	1194	4238	1004	4304	424	3252	6174
5107	15990	16172	21022	5768	2311	1129	1129	3888	974	4043	391	2878	6021
5108	15395	14968	20135	5571	2202	1088	1088	3658	1033	3852	365	2799	5968
5109	15207	15157	20017	5539	2071	1067	1067	3814	1006	3763	352	2663	5978
5110	15201	13216	18628	5691	2068	1069	1069	3659	938	3625	352	2388	5954
5111	14403	12746	17989	5486	1937	1018	1018	3523	886	3538	326	2326	5872
5112	13465	11586	16281	5360	1860	989	989	3233	800	3359	307	2248	5584
5113	12517	10218	14457	4963	1680	913	913	2844	733	3076	263	2052	5383
5114	11618	9216	13151	4578	1521	867	867	2578	690	2824	223	1863	5234
5115	11091	8603	12188	4360	1371	821	821	2329	653	2618	195	1701	5168
5116	10774	8397	11958	4263	1280	789	789	2235	655	2470	179	1538	5132
5117	11129	9066	12689	4272	1251	800	800	2365	744	2462	182	1505	5239
5118	12454	10697	14613	4501	1322	842	842	2725	843	2622	211	1422	5501
5119	13748	12083	16668	5005	1565	941	941	3111	909	2969	258	1679	5899
5120	14296	13023	18096	5430	1783	1005	1005	3469	932	3334	297	2007	5995
5121	14502	13214	18439	5552	1877	1020	1020	3539	943	3542	323	2286	6092
5122	14942	13595	19278	5881	1885	1055	1055	3720	985	3594	329	2361	6245
5123	15381	14427	20859	6026	1933	1136	1136	3945	1024	3666	350	2464	6390
5124	15496	15074	22067	6002	2026	1162	1162	4139	1055	3821	378	2649	6438
5125	15756	16214	23445	6101	2117	1163	1163	4382	1124	4029	397	2875	6542
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5127	15900	18713	26363	6032	2226	1188	1188	4697	1142	4475	426	3232	6575
5128	15843	19454	26540	5922	2280	1192	1192	4681	1144	4611	437	3410	6599
5129	16001	19470	25344	5911	2321	1192	1192	4683	1076	4614	446	3469	6510
5130	16062	17915	22581	6017	2298	1157	1157	4446	1001	4423	429	3273	6242
5131	15680	16532	20246	5792	2234	1109	1109	4088	968	4077	406	2926	6113
5132	15108	14884	19610	5608	2176	1065	1065	3803	1064	3877	376	2852	6044
5133	14941	14952	19479	5570	2048	1047	1047	3844	1032	3779	359	2682	6030
5134	14947	13420	18437	5714	1992	1054	1054	3799	934	3646	356	2413	6010
5135	14306	12935	17790	5499	1891	1016	1016	3543	895	3582	327	2351	5946
5136	13635	11652	16044	5384	1816	968	968	3356	813	3370	310	2217	5693
5137	12369	10424	14479	4982	1649	894	894	2989	751	3121	267	2054	5462
5138	11381	9530	13179	4606	1567	842	842	2683	702	2876	228	1882	5287
5139	10761	8927	12342	4401	1488	792	792	2400	664	2664	201	1705	5170
5140	10531	8682	12044	4319	1305	774	774	2306	663	2519	185	1576	5148
5141	10920	9202	12810	4307	1261	782	782	2385	745	2515	185	1550	5243
5142	12150	10592	14596	4522	1332	827	827	2784	832	2675	213	1401	5465
5143	13497	11889	16454	5010	1567	916	916	3070	912	2976	259	1629	5901
5144	13938	12759	17765	5422	1764	971	971	3504	941	3335	301	1989	6009
5145	14438	12934	18050	5566	1828	991	991	3581	955	3535	326	2227	6164
5146	15132	13306	18895	5888	1849	1053	1053	3787	1001	3574	333	2330	6389
5147	15635	13981	20219	6147	1892	1103	1103	3998	1045	3668	359	2383	6588
5148	15702	14465	21282	6160	1934	1141	1141	4271	1080	3831	389	2547	6654
5149	15603	15414	22526	6206	2019	1147	1147	4429	1132	4058	414	2767	6684
5150	15662	16442	23919	6155	2093	1159	1159	4608	1167	4298	430	3048	6677
5151	15500	17387	24769	6055	2121	1158	1158	4570	1175	4527	432	3323	6655
5152	15543	18043	24593	5914	2214	1146	1146	4493	1161	4651	438	3296	6517
5153	15635	17894	23138	5887	2257	1134	1134	4559	1087	4648	449	3136	6335
5154	15536	16610	20794	5886	2224	1074	1074	4401	1001	4459	427	2963	6122
5155	15098	15252	18990	5690	2200	1018	1018	4002	964	4106	388	2707	6045
5156	14452	13990	18565	5522	2079	985	985	3733	1021	3826	367	2632	6018
5157	14278	13832	18485	5480	1954	979	979	3700	990	3707	350	2530	6006
5158	14315	12971	17999	5555	1921	981	981	3692	942	3599	345	2357	5998
5159	13918	12603	17337	5448	1839	970	970	3581	907	3547	328	2324	5931
5160	13102	11422	15837	5356	1781	920	920	3414	831	3347	314	2214	5691
5161	12148	10333	14283	4870	1660	850	850	3024	789	3088	271	2082	5460
5162	11342	9447	13121	4550	1555	808	808	2803	741	2886	237	1936	5322
5163	10773	8851	12231	4328	1445	774	774	2602	715	2685	210	1802	5200
5164	10474	8466	11759	4197	1345	766	766	2449	698	2525	191	1682	5169
5165	10570	8570	11845	4135	1305	758	758	2414	724	2395	184	1591	5123
5166	10910	9031	12465	4131	1333	783	783	2522	732	2385	192	1406	5061

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5167	11517	9587	13094	4277	1376	807	807	2603	793	2454	207	1471	5340
5168	12764	10676	14677	4756	1534	866	866	2972	868	2834	237	1815	5611
5169	13185	11495	15668	4999	1668	898	898	3155	890	3176	281	2138	5695
5170	13990	11713	16078	5251	1730	950	950	3238	930	3302	298	2269	5899
5171	14555	12129	17353	5500	1741	1016	1016	3537	971	3364	313	2316	6107
5172	14678	12581	18793	5587	1770	1045	1045	3758	1002	3511	338	2439	6161
5173	14421	13089	19968	5519	1802	1044	1044	3880	1030	3684	357	2641	6133
5174	14258	13721	21015	5433	1831	1036	1036	3822	1051	3827	373	2815	6101
5175	14099	14243	21906	5298	1859	1011	1011	3749	1063	3943	383	2992	6055
5176	14183	14751	22285	5247	1911	1015	1015	3643	1070	4047	399	3102	6093
5177	14406	15012	21539	5261	1977	1018	1018	3571	1044	4100	414	3029	6029
5178	14573	14676	19910	5300	2023	1007	1007	3519	980	4020	416	2763	5799
5179	14431	13599	17713	5195	2052	982	982	3354	951	3775	399	2533	5694
5180	14045	12583	17532	5085	1997	936	936	3242	1014	3652	365	2498	5666
5181	14013	12598	17945	5058	1888	935	935	3316	973	3590	351	2436	5682
5182	14208	11790	16169	5189	1876	979	979	3336	892	3388	344	2304	5671
5183	13274	11506	15630	5056	1804	909	909	3162	870	3305	307	2274	5633
5184	12819	10606	14606	4973	1729	886	886	3045	811	3195	294	2206	5487
5185	12165	9740	13475	4700	1638	847	847	2792	765	3001	259	2025	5316
5186	11428	9079	12546	4445	1537	798	798	2565	723	2857	231	1916	5193
5187	10907	8534	11666	4264	1416	768	768	2404	694	2713	208	1799	5065
5188	10571	8204	11178	4166	1351	735	735	2283	682	2588	193	1684	4994
5189	10496	8241	11049	4113	1296	740	740	2209	696	2500	185	1613	4936
5190	10588	8437	11183	4061	1262	751	751	2271	693	2441	187	1425	4880
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5193	13011	10632	14101	4870	1566	873	873	2850	849	2988	252	1998	5502
5194	13257	10897	14746	4981	1657	882	882	2973	861	3109	268	2088	5578
5195	13685	11027	15024	5222	1685	906	906	3054	902	3180	273	2195	5729
5196	13863	11336	16185	5413	1688	929	929	3257	941	3378	287	2372	5839
5197	13914	11710	17543	5444	1709	946	946	3462	973	3657	318	2450	5843
5198	13891	12263	18944	5316	1763	952	952	3509	999	3822	331	2618	5833
5199	13885	12965	20474	5214	1821	954	954	3471	1012	3895	346	2662	5902
5200	13953	13825	21709	5181	1906	968	968	3476	1012	3864	351	2647	5981
5201	14275	14640	21961	5238	1958	997	997	3517	1014	3852	362	2733	5915
5202	14676	14932	20854	5335	2022	1050	1050	3583	982	3788	356	2585	5753
5203	14726	14048	18440	5271	2055	1037	1037	3547	964	3628	333	2322	5653
5204	14513	13200	19064	5184	2015	1000	1000	3441	1028	3544	310	2352	5625
5205	14583	13592	20351	5240	1936	1017	1017	3821	967	3526	309	2289	5723
5206	14889	11776	16927	5648	1885	1105	1105	3885	858	3255	318	2123	5722
5207	13351	10894	14797	5265	1737	945	945	3300	832	3113	280	2080	5505
5208	12907	10291	14234	4922	1660	879	879	2957	782	2988	264	1990	5420
5209	12096	9100	12963	4761	1575	833	833	2732	703	2835	232	1822	5093
5210	11361	8328	11930	4467	1411	794	794	2481	668	2655	201	1642	4973
5211	10906	7939	11321	4271	1363	756	756	2357	653	2532	184	1491	4899
5212	10730	7971	11247	4140	1320	737	737	2265	669	2473	174	1415	4903
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5214	12528	10240	14284	4345	1420	802	802	2769	858	2738	218	1397	5281
5215	13839	11604	16108	4798	1619	900	900	3124	912	3011	270	1631	5744
5216	14360	12487	17424	5315	1779	966	966	3388	928	3269	305	1927	5898
5217	14619	12672	17747	5442	1827	980	980	3453	956	3389	319	2114	6057
5218	15428	12987	19163	5835	1847	1028	1028	3653	1010	3416	332	2150	6353
5219	15978	13618	21149	6209	1896	1086	1086	3800	1055	3507	357	2204	6585
5220	16168	14104	22640	6297	1937	1120	1120	3959	1090	3670	381	2244	6664
5221	16552	15114	24384	6405	1996	1134	1134	4227	1128	3890	397	2410	6679
5222	16735	15889	26208	6339	2076	1155	1155	4378	1124	4145	410	2578	6647
5223	16680	16960	27249	6228	2122	1165	1165	4463	1116	4376	417	2775	6686
5224	16493	17914	26721	6066	2152	1175	1175	4417	1095	4470	418	2966	6707
5225	16604	18023	24956	6066	2130	1186	1186	4238	1026	4504	415	3063	6593
5226	16703	17220	22225	6166	2052	1153	1153	3916	974	4335	401	2902	6210
5227	16392	16035	19856	5757	2057	1106	1106	3662	952	4024	378	2598	6035
5228	15703	14534	19879	5576	2029	1062	1062	3536	1037	3816	351	2603	5963
5229	15545	14527	19813	5527	1977	1063	1063	3616	990	3726	340	2453	5979
5230	15377	12941	17812	5804	1947	1072	1072	3574	928	3522	338	2183	5919
5231	14371	12482	17321	5445	1856	983	983	3416	873	3409	319	2133	5836
5232	13597	11507	16028	5309	1811	954	954	3183	800	3258	293	2032	5557
5233	12518	10048	14045	4981	1680	885	885	2822	730	2999	251	1871	5320
5234	11674	9054	12840	4607	1559	836	836	2504	683	2780	213	1681	5162
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5238	12578	10526	14630	4550	1453	835	835	2725	839	2709	215	1390	5474
5239	13867	11911	16576	4997	1639	908	908	3108	901	2987	267	1603	5859
5240	14353	12783	17983	5459	1784	975	975	3376	922	3276	303	1891	5955
5241	14526	12922	18335	5591	1854	991	991	3424	935	3446	322	2127	6124
5242	14969	13381	19627	5939	1865	1023	1023	3515	972	3482	328	2214	6330
5243	15498	14247	21623	6262	1881	1067	1067	3675	1004	3579	350	2251	6479
5244	15675	14972	23201	6303	1903	1083	1083	3804	1026	3785	372	2367	6555
5245	15913	16018	24990	6395	1957	1093	1093	3908	1066	4061	391	2590	6615
5246	16054	17331	25611	6380	2006	1109	1109	4002	1098	4362	408	2830	6661
5247	15976	17748	27606	6354	2042	1124	1124	4066	1116	4600	418	3087	6732
5248	16198	18330	28209	6267	2045	1125	1125	4010	1077	4727	431	3277	6708

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5249	16429	18493	26711	6248	2098	1123	1123	3980	1014	4715	431	3280	6594
5250	16619	17144	23861	6337	2098	1092	1092	3832	962	4480	414	3119	6207
5251	16187	15827	21115	5883	2084	1062	1062	3649	940	4073	390	2759	6040
5252	15542	14759	20894	5661	2050	1028	1028	3524	1014	3908	360	2729	6007
5253	15465	14591	20753	5627	1995	1011	1011	3612	976	3787	348	2577	6014
5254	15384	13044	18539	5823	1968	1026	1026	3566	922	3583	346	2289	5963
5255	14370	12560	17937	5528	1879	985	985	3420	860	3475	322	2216	5867
5256	13767	11238	16581	5407	1822	945	945	3231	782	3319	297	2108	5549
5257	12608	10220	14379	5001	1652	869	869	2857	733	3064	252	1958	5357
5258	11767	9299	13095	4617	1541	825	825	2626	683	2838	219	1769	5224
5259	11233	8699	12037	4397	1424	795	795	2387	654	2673	190	1603	5148
5260	10966	8529	11744	4289	1338	776	776	2287	663	2546	177	1509	5136
5261	11339	9199	12490	4286	1313	778	778	2356	740	2554	180	1518	5248
5262	12583	10731	14678	4557	1391	824	824	2780	843	2745	214	1525	5488
5263	13881	12003	16770	5034	1585	918	918	3133	909	3032	266	1693	5861
5264	14307	12707	18426	5461	1785	981	981	3397	934	3327	301	1980	5958
5265	14562	12842	18875	5612	1862	995	995	3449	946	3506	321	2250	6136
5266	15196	13340	19965	5927	1873	1016	1016	3567	982	3555	329	2332	6320
5267	15806	14297	21876	6143	1898	1048	1048	3736	1017	3612	351	2389	6524
5268	15990	14720	23564	6200	1945	1076	1076	3909	1048	3767	378	2544	6631
5269	16528	15750	25498	6221	2004	1104	1104	4002	1083	3990	401	2751	6703
5270	16476	16997	27308	6187	2067	1130	1130	4116	1120	4224	428	2954	6738
5271	16415	18251	28556	6112	2096	1168	1168	4218	1146	4414	434	3224	6759
5272	16373	19051	28314	5953	2146	1174	1174	4244	1134	4553	437	3412	6761
5273	16434	19112	26675	5945	2184	1163	1163	4162	1070	4570	429	3424	6536
5274	16469	17888	23779	6050	2164	1159	1159	3925	1007	4413	418	3231	6181
5275	16037	16481	21097	5797	2141	1099	1099	3704	980	4127	385	2865	6032
5276	15422	15375	20450	5616	2078	1059	1059	3543	1058	3935	356	2804	5975
5277	15269	15392	20093	5585	1997	1049	1049	3687	1016	3810	351	2642	6003
5278	15054	13139	18869	5707	1981	1048	1048	3528	937	3648	349	2384	5956
5279	14301	12651	18144	5485	1888	996	996	3435	891	3550	322	2328	5864
5280	13269	11539	16276	5355	1835	966	966	3148	814	3407	302	2228	5604
5281	12395	10181	14538	4939	1665	887	887	2826	730	3143	258	2055	5367
5282	11566	9200	13231	4557	1513	839	839	2548	684	2923	220	1865	5240
5283	11061	8606	12189	4355	1377	792	792	2342	653	2731	194	1697	5177
5284	10774	8397	11958	4264	1281	759	759	2235	654	2607	179	1538	5132
5285	11133	9066	12727	4263	1251	773	773	2383	748	2610	181	1510	5273
5286	12472	10721	14765	4506	1355	822	822	2741	853	2789	211	1445	5512
5287	13706	12044	16796	5010	1594	926	926	3113	913	3102	260	1675	5865
5288	14236	13027	18252	5426	1762	992	992	3391	933	3403	297	2003	5954
5289	14460	13250	18610	5556	1858	1008	1008	3461	944	3579	321	2263	6062
5290	14983	13572	19331	5894	1871	1042	1042	3558	980	3627	327	2342	6227
5291	15532	14368	20834	6079	1898	1115	1115	3693	1016	3688	348	2426	6386
5292	15735	14970	22078	6091	1951	1148	1148	3808	1040	3825	375	2613	6436
5293	16048	16141	23486	6226	2016	1148	1148	3949	1099	4019	399	2856	6529
5294	16265	17507	25168	6140	2086	1184	1184	4086	1129	4257	421	3062	6520
5295	16295	18771	26370	6100	2171	1187	1187	4174	1108	4469	427	3232	6566
5296	16277	19470	26540	5969	2188	1194	1194	4173	1112	4603	441	3422	6599
5297	16456	19430	25415	5981	2228	1191	1191	4131	1044	4614	446	3469	6522
5298	16501	17907	22684	6076	2223	1152	1152	3988	984	4446	433	3296	6225
5299	16042	16487	20395	5814	2186	1101	1101	3751	957	4107	408	2936	6070
5300	15297	15062	19972	5618	2150	1058	1058	3587	1035	3923	379	2881	6008
5301	15243	14998	19626	5610	2038	1045	1045	3634	999	3813	363	2660	6013
5302	15099	13421	18613	5758	1982	1051	1051	3575	933	3679	356	2387	5965
5303	14247	12945	17935	5486	1887	1005	1005	3461	883	3615	325	2330	5890
5304	13541	11719	16149	5370	1824	958	958	3255	796	3419	308	2197	5643
5305	12326	10336	14556	4963	1647	892	892	2932	742	3141	265	2026	5433
5306	11397	9419	13222	4592	1549	838	838	2644	695	2888	227	1849	5269
5307	10783	8789	12346	4392	1470	790	790	2407	663	2659	199	1668	5158
5308	10531	8523	12044	4317	1307	774	774	2306	665	2505	184	1546	5136
5309	10909	9042	12832	4309	1261	781	781	2401	748	2499	187	1526	5252
5310	12170	10565	14722	4553	1340	828	828	2795	840	2686	214	1423	5469
5311	13478	11881	16578	5032	1564	917	917	3097	909	3001	262	1598	5847
5312	13932	12749	17980	5432	1751	970	970	3446	937	3371	303	1939	5954
5313	14261	12914	18317	5575	1843	987	987	3520	946	3577	329	2201	6117
5314	14778	13348	18958	5885	1853	1036	1036	3668	977	3621	335	2314	6350
5315	15190	14107	20125	6155	1869	1087	1087	3832	1006	3705	357	2354	6563
5316	15282	14628	21115	6156	1903	1128	1128	4057	1028	3861	383	2508	6615
5317	15265	15559	22389	6206	1949	1136	1136	4166	1066	4075	406	2735	6670
5318	15376	16624	23829	6152	2003	1155	1155	4321	1091	4315	424	3040	6684
5319	15312	17481	24769	6051	2043	1159	1159	4329	1098	4531	431	3321	6673
5320	15301	18043	24630	5910	2087	1158	1158	4293	1089	4651	440	3323	6530
5321	15403	17729	23312	5870	2125	1152	1152	4366	1036	4648	449	3157	6328
5322	15259	16375	21103	5865	2112	1096	1096	4193	977	4447	429	2974	6095
5323	14875	14957	19393	5678	2106	1034	1034	3846	955	4108	393	2705	6000
5324	14365	13899	19080	5530	2034	993	993	3639	1008	3874	370	2685	5966
5325	14284	13707	18854	5512	1943	985	985	3636	976	3755	357	2545	5962
5326	14246	12912	18302	5580	1913	988	988	3617	938	3641	349	2359	5941
5327	13904	12484	17699	5451	1853	972	972	3519	902	3594	332	2319	5868
5328	13068	11225	16224	5345	1798	921	921	3373	825	3389	318	2230	5642
5329	12123	10105	14618	4879	1671	846	846	3006	771	3128	275	2098	5398
5330	11350	9160	13434	4598	1548	795	795	2754	720	2898	242	1948	5250



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5331	10786	8531	12515	4406	1439	757	757	2586	692	2682	214	1818	5175
5332	10474	8111	11975	4292	1345	747	747	2448	677	2536	196	1693	5105
5333	10563	8231	12118	4236	1308	741	741	2414	707	2394	190	1607	5105
5334	10966	8850	12697	4266	1305	763	763	2524	721	2385	199	1456	5061
5335	11544	9376	13293	4404	1353	798	798	2570	786	2428	214	1473	5283
5336	12689	10509	14971	4788	1496	863	863	2954	868	2841	240	1826	5550
5337	13099	11327	16150	5000	1672	907	907	3152	891	3225	284	2160	5634
5338	13938	11580	16478	5257	1746	937	937	3212	929	3389	302	2300	5835
5339	14537	12073	17587	5522	1759	993	993	3507	964	3450	318	2348	6039
5340	14692	12532	18923	5606	1787	1027	1027	3697	992	3600	343	2476	6091
5341	14407	12974	20091	5530	1818	1025	1025	3839	1017	3762	361	2677	6058
5342	14224	13579	21094	5442	1849	1037	1037	3785	1036	3893	367	2839	6028
5343	14040	14012	21938	5308	1864	1021	1021	3701	1040	3986	389	3000	5958
5344	14108	14446	22285	5247	1908	1038	1038	3617	1045	4049	407	3102	5993
5345	14297	14661	21752	5272	1962	1044	1044	3621	1034	4067	410	3029	5933
5346	14453	14330	20101	5301	1987	1024	1024	3601	980	3994	416	2771	5714
5347	14339	13265	18112	5188	1995	997	997	3488	955	3782	393	2541	5620
5348	13928	12478	18139	5090	1940	953	953	3310	1032	3683	361	2540	5602
5349	14059	12545	18036	5101	1859	959	959	3406	982	3612	353	2456	5637
5350	14104	11616	16572	5229	1842	995	995	3398	896	3452	344	2329	5602
5351	13129	11301	16141	5051	1777	916	916	3173	869	3391	309	2304	5559
5352	12682	10387	15093	4976	1738	895	895	3086	806	3265	297	2237	5411
5353	12021	9456	13894	4715	1627	845	845	2828	758	3061	260	2052	5254
5354	11338	8726	12946	4473	1527	781	781	2581	704	2917	228	1937	5127
5355	10864	8113	12096	4300	1415	746	746	2406	673	2757	203	1811	5013
5356	10564	7733	11551	4201	1341	704	704	2283	657	2615	185	1693	4948
5357	10496	7809	11374	4157	1283	706	706	2209	670	2529	177	1623	4944
5358	10661	8080	11571	4147	1262	724	724	2278	670	2472	180	1463	4880
5359	10888	8148	11545	4161	1273	741	741	2223	710	2437	187	1446	5008
5360	12015	9518	13039	4525	1416	818	818	2563	805	2718	208	1735	5291
5361	12846	10539	14523	4860	1568	878	878	2880	854	3034	252	2019	5453
5362	13122	10801	15237	4963	1662	890	890	3016	866	3173	272	2114	5520
5363	13623	10987	15533	5219	1681	914	914	3076	899	3228	277	2176	5667
5364	13809	11349	16696	5398	1685	930	930	3303	934	3388	290	2285	5794
5365	13869	11748	18094	5422	1711	949	949	3495	953	3625	321	2327	5801
5366	13855	12353	19490	5316	1760	952	952	3570	976	3806	334	2426	5805
5367	13799	13007	20803	5197	1809	960	960	3560	991	3888	349	2450	5884
5368	13822	13858	21828	5169	1889	983	983	3570	995	3895	354	2450	5981
5369	14130	14691	21961	5241	1939	1006	1006	3677	1002	3886	362	2529	5952
5370	14593	14932	20762	5388	1994	1051	1051	3689	974	3843	356	2468	5775
5371	14667	13876	18556	5341	2003	1043	1043	3603	965	3691	335	2281	5641
5372	14503	13327	19179	5256	1972	999	999	3519	1036	3634	314	2323	5626
5373	14837	13731	19486	5363	1906	1026	1026	3885	961	3579	318	2250	5801
5374	14889	11678	16714	5648	1881	1105	1105	3811	862	3306	322	2139	5731
5375	13135	10785	15286	5201	1727	932	932	3268	831	3180	281	2106	5466
5376	12703	9999	14624	4913	1651	882	882	2981	766	3025	265	2011	5381
5377	12012	8906	13172	4771	1573	826	826	2733	724	2743	232	1840	5101
5378	11321	8156	12047	4506	1411	783	783	2472	688	2499	201	1646	4991
5379	10894	7768	11394	4311	1358	744	744	2340	675	2340	184	1481	4906
5380	10730	7796	11321	4188	1335	727	727	2265	690	2253	174	1397	4899
5381	11261	8575	12310	4192	1320	742	742	2373	781	2314	183	1402	5038
5382	12499	10208	14438	4412	1419	794	794	2796	874	2574	220	1413	5292
5383	13743	11484	16264	4860	1625	901	901	3153	922	2937	277	1615	5718
5384	14221	12285	17747	5322	1752	965	965	3406	935	3274	311	1952	5863
5385	14454	12421	18096	5431	1782	978	978	3467	962	3457	324	2167	6011
5386	15199	12888	19213	5822	1819	1034	1034	3686	1013	3511	339	2226	6295
5387	15703	13651	20945	6209	1889	1088	1088	3823	1055	3578	369	2255	6542
5388	15845	14183	22418	6301	1940	1122	1122	4014	1088	3722	398	2313	6639
5389	16222	15160	24080	6405	1998	1135	1135	4278	1125	3922	418	2430	6675
5390	16363	15998	25977	6349	2093	1157	1157	4430	1128	4137	437	2600	6634
5391	16324	17207	27249	6244	2156	1169	1169	4463	1119	4348	443	2808	6671
5392	16171	18006	27163	6096	2200	1179	1179	4411	1101	4457	441	2996	6707
5393	16277	18023	25659	6115	2205	1186	1186	4213	1044	4504	438	3063	6606
5394	16421	17071	22907	6248	2126	1154	1154	3941	985	4367	421	2920	6197
5395	16176	15760	20382	5875	2134	1108	1108	3686	968	4085	396	2639	6018
5396	15549	14487	20396	5653	2078	1045	1045	3525	1067	3922	365	2635	5945
5397	15592	14438	19881	5643	1994	1065	1065	3599	998	3806	356	2465	6014
5398	15175	12618	18150	5902	1953	1084	1084	3526	934	3615	350	2253	5898
5399	14231	12188	17634	5460	1805	977	977	3424	879	3506	324	2214	5808
5400	13458	11184	16183	5326	1753	947	947	3112	809	3333	296	2090	5540
5401	12430	9904	14183	4996	1636	872	872	2812	744	3033	256	1958	5325
5402	11576	8966	12905	4646	1517	811	811	2505	697	2798	220	1782	5158
5403	11167	8390	12008	4459	1449	768	768	2374	668	2595	198	1621	5090
5404	10914	8263	11733	4378	1387	745	745	2266	674	2447	186	1518	5117
5405	11245	8928	12588	4351	1384	741	741	2366	755	2463	189	1507	5248
5406	12517	10583	14644	4581	1465	807	807	2776	852	2701	222	1491	5550
5407	13804	11855	16609	5036	1642	902	902	3145	909	3026	276	1679	5858
5408	14232	12607	18220	5479	1759	970	970	3352	928	3324	311	1992	5949
5409	14427	12744	18686	5612	1810	988	988	3389	941	3470	329	2230	6097
5410	14915	13207	19573	5965	1820	1022	1022	3500	977	3500	335	2310	6312
5411	15480	14153	21247	6262	1841	1067	1067	3659	1010	3617	356	2354	6471
5412	15743	14853	22833	6286	1880	1086	1086	3785	1035	3838	380	2484	6506

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5413	16015	15849	24621	6395	1964	1088	1088	3883	1082	4117	400	2682	6576
5414	16176	17172	25506	6378	2056	1106	1106	4003	1116	4379	415	2903	6619
5415	16141	17667	27567	6338	2149	1125	1125	4059	1133	4576	422	3134	6732
5416	16200	18280	28209	6240	2163	1118	1118	3989	1109	4708	435	3280	6710
5417	16488	18493	26724	6224	2267	1118	1118	3914	1041	4727	439	3265	6555
5418	16619	17224	24048	6354	2281	1092	1092	3789	981	4509	424	3121	6198
5419	16202	15846	21374	5947	2278	1067	1067	3605	959	4102	403	2804	6036
5420	15558	15058	21214	5735	2209	1034	1034	3480	1058	3970	375	2790	6012
5421	15712	14747	20689	5736	2104	1022	1022	3582	993	3819	364	2601	6042
5422	15297	12899	18851	5868	2067	1023	1023	3488	929	3592	357	2356	5955
5423	14245	12427	18274	5535	1842	978	978	3382	872	3479	329	2305	5865
5424	13663	11205	16827	5410	1778	921	921	3175	800	3277	305	2196	5559
5425	12626	10013	14648	4998	1632	844	844	2801	748	3052	256	1986	5216
5426	11875	9029	13350	4633	1528	797	797	2590	700	2826	221	1789	5064
5427	11386	8438	12264	4432	1435	771	771	2350	673	2682	192	1604	4965
5428	11169	8252	11947	4303	1376	751	751	2287	678	2556	177	1509	4947
5429	11503	8966	12715	4291	1371	753	753	2361	756	2573	180	1509	5109
5430	12681	10643	14869	4567	1443	812	812	2782	858	2794	214	1517	5435
5431	13846	11953	16967	5047	1627	917	917	3122	918	3097	271	1681	5820
5432	14159	12688	18646	5445	1778	976	976	3354	941	3365	308	2027	5922
5433	14499	12828	19159	5615	1827	988	988	3401	952	3531	329	2290	6087
5434	15236	13305	20093	5926	1834	1014	1014	3514	988	3580	336	2393	6286
5435	15905	14202	21876	6127	1867	1042	1042	3661	1026	3636	359	2434	6520
5436	16034	14672	23487	6174	1936	1073	1073	3812	1063	3792	387	2562	6612
5437	16528	15706	25279	6221	2014	1094	1094	3885	1100	4006	409	2744	6690
5438	16480	16837	27243	6200	2097	1128	1128	3955	1140	4256	438	2972	6731
5439	16347	18102	28556	6107	2134	1158	1158	4095	1169	4473	444	3224	6761
5440	16284	18941	28395	5955	2244	1169	1169	4111	1160	4620	446	3394	6755
5441	16326	19112	26895	5933	2335	1153	1153	4056	1091	4622	439	3424	6529
5442	16470	17947	24116	6051	2322	1151	1151	3891	1023	4443	434	3264	6132
5443	15986	16359	21430	5799	2292	1091	1091	3716	1001	4129	404	2901	5983
5444	15431	15503	21020	5622	2193	1047	1047	3550	1107	3986	371	2884	5946
5445	15507	15209	20354	5632	2071	1048	1048	3751	1028	3843	370	2690	6020
5446	14983	13043	19163	5724	2043	1043	1043	3519	944	3664	363	2453	5921
5447	14142	12569	18418	5467	1855	988	988	3395	893	3574	330	2397	5849
5448	13388	11390	16527	5339	1796	944	944	3152	817	3424	308	2314	5497
5449	12329	10171	14923	4928	1674	877	877	2844	732	3171	261	2144	5269
5450	11548	9269	13624	4565	1557	831	831	2540	688	2951	222	1954	5089
5451	11077	8705	12633	4373	1454	797	797	2351	653	2777	195	1774	5015
5452	10814	8511	12342	4294	1395	759	759	2235	657	2656	179	1603	4976
5453	11204	9125	13075	4276	1383	777	777	2374	752	2663	181	1563	5160
5454	12567	10810	15077	4538	1474	833	833	2746	864	2856	215	1525	5446
5455	13736	12003	16986	5048	1665	927	927	3137	917	3163	274	1701	5812
5456	14117	12828	18484	5422	1774	986	986	3382	936	3443	312	2057	5910
5457	14465	13008	18902	5566	1826	996	996	3447	949	3595	334	2322	6026
5458	15126	13413	19536	5935	1835	1030	1030	3679	995	3633	340	2404	6195
5459	15793	14259	20948	6116	1872	1090	1090	3846	1040	3698	363	2500	6358
5460	15963	14868	22146	6116	1935	1131	1131	3973	1079	3830	389	2678	6387
5461	16315	16000	23543	6226	2038	1129	1129	4154	1162	4017	410	2891	6494
5462	16501	17527	25226	6144	2141	1170	1170	4336	1189	4253	429	3109	6500
5463	16331	18649	26360	6091	2212	1173	1173	4449	1191	4469	437	3253	6548
5464	16220	19438	26540	5962	2253	1181	1181	4436	1194	4614	444	3418	6582
5465	16404	19470	25339	6003	2310	1176	1176	4358	1097	4608	446	3469	6493
5466	16348	17784	22741	6092	2305	1138	1138	4103	1011	4429	431	3277	6180
5467	15919	16131	20515	5817	2275	1086	1086	3705	980	4078	410	2895	6036
5468	15252	15138	20280	5629	2223	1042	1042	3576	1100	3925	384	2900	5977
5469	15421	14913	19759	5675	2068	1043	1043	3658	1027	3807	373	2658	6007
5470	15013	13171	18902	5786	1981	1043	1043	3569	936	3674	363	2428	5916
5471	14115	12713	18215	5464	1842	994	994	3439	877	3613	336	2382	5829
5472	13442	11573	16490	5345	1788	943	943	3212	792	3397	313	2222	5563
5473	12410	10252	14794	4921	1656	875	875	2901	748	3105	266	2064	5339
5474	11666	9330	13439	4561	1577	821	821	2621	706	2873	228	1893	5124
5475	11169	8737	12547	4369	1524	775	775	2377	674	2642	201	1714	4989
5476	10973	8523	12364	4309	1412	762	762	2306	680	2499	184	1585	4977
5477	11300	9050	12970	4314	1387	774	774	2431	759	2503	187	1568	5136
5478	12402	10631	14945	4557	1461	820	820	2749	855	2724	216	1516	5410
5479	13504	11887	16725	5040	1637	917	917	3148	912	3051	272	1642	5789
5480	13825	12609	18171	5431	1765	963	963	3409	938	3369	312	1968	5902
5481	14314	12760	18583	5577	1814	981	981	3495	949	3530	335	2222	6055
5482	15126	13340	19157	5890	1829	1027	1027	3617	993	3564	341	2326	6273
5483	15805	14182	20398	6146	1849	1071	1071	3761	1030	3673	363	2369	6467
5484	15990	14747	21422	6158	1903	1103	1103	3940	1061	3858	387	2522	6506
5485	15857	15613	22809	6206	1973	1115	1115	4000	1110	4097	406	2725	6556
5486	16043	16743	24309	6174	2071	1131	1131	4153	1145	4376	424	3017	6543
5487	15912	17622	25306	6073	2162	1143	1143	4234	1150	4615	433	3304	6565
5488	15865	18043	25183	5891	2213	1141	1141	4263	1143	4729	442	3323	6449
5489	15904	17570	23829	5850	2289	1123	1123	4341	1066	4663	449	3142	6260
5490	15663	16043	21541	5831	2308	1090	1090	4139	992	4439	427	2939	6041
5491	15061	14528	19734	5655	2291	1026	1026	3810	969	4062	391	2670	5941
5492	14407	13720	19581	5529	2188	984	984	3612	1048	3835	369	2673	5912
5493	14439	13461	19124	5554	2030	981	981	3626	993	3696	359	2516	5924
5494	14253	12706	18575	5596	1965	982	982	3585	939	3576	351	2354	5884

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5495	13786	12238	17955	5448	1829	962	962	3494	903	3521	336	2322	5777
5496	13082	10996	16419	5334	1784	909	909	3349	829	3285	319	2219	5511
5497	12119	9918	14755	4861	1672	837	837	2962	773	3040	274	2116	5237
5498	11459	9063	13496	4560	1576	790	790	2728	723	2801	241	1991	5040
5499	10977	8487	12537	4357	1489	755	755	2564	693	2612	213	1886	4957
5500	10719	8111	11975	4225	1423	741	741	2433	677	2485	195	1778	4873
5501	10821	8228	12074	4165	1383	742	742	2403	703	2385	190	1709	4920
5502	11166	8848	12677	4218	1386	764	764	2521	716	2403	199	1611	4874
5503	11674	9311	13235	4364	1425	800	800	2564	772	2438	216	1572	5099
5504	12584	10361	14954	4755	1544	856	856	2899	858	2834	240	1867	5475
5505	12955	11100	16303	4996	1677	895	895	3100	884	3169	284	2157	5582
5506	13866	11334	16626	5244	1733	944	944	3174	917	3318	302	2280	5789
5507	14542	11774	17682	5511	1752	1003	1003	3486	953	3414	315	2335	6015
5508	14692	12164	19091	5606	1793	1038	1038	3773	983	3679	336	2475	6091
5509	14450	12521	20281	5534	1845	1034	1034	3907	1008	3974	352	2696	6061
5510	14201	12977	21495	5458	1912	1047	1047	3867	1026	4248	355	2888	6066
5511	14035	13389	22503	5311	1947	1032	1032	3777	1040	4430	375	3096	5978
5512	13990	13680	22923	5248	1990	1047	1047	3684	1045	4533	390	3216	6062
5513	14184	13858	22361	5274	2109	1065	1065	3724	1030	4516	394	3120	5983
5514	14285	13511	20513	5309	2153	1039	1039	3719	978	4349	406	2806	5714
5515	14134	12644	18440	5189	2178	1005	1005	3585	961	3965	383	2541	5599
5516	13753	12307	18786	5098	2086	955	955	3342	1041	3820	354	2559	5583
5517	14117	12308	18285	5166	1936	977	977	3494	974	3672	351	2439	5660
5518	13831	11398	16784	5267	1894	1019	1019	3492	891	3402	339	2306	5572
5519	12934	11088	16334	5043	1772	904	904	3128	863	3318	307	2283	5516
5520	12561	10319	15299	4964	1720	883	883	3046	795	3175	296	2223	5325
5521	11853	9381	14032	4668	1611	835	835	2791	754	2999	258	2045	5153
5522	11248	8662	13028	4389	1546	778	778	2578	703	2867	227	1924	5011
5523	10827	8102	12165	4182	1463	746	746	2406	674	2720	203	1801	4883
5524	10563	7733	11606	4048	1403	704	704	2242	657	2587	185	1679	4795
5525	10510	7811	11374	4016	1362	710	710	2209	674	2515	177	1615	4832
5526	10740	8127	11599	4036	1366	730	730	2247	681	2473	181	1489	4746
5527	10930	8171	11539	4050	1374	748	748	2210	709	2437	191	1446	4850
5528	11895	9492	13109	4445	1455	816	816	2531	799	2689	210	1754	5202
5529	12627	10442	14742	4835	1564	870	870	2857	849	2983	250	2037	5420
5530	12900	10669	15538	4949	1635	881	881	2974	860	3125	269	2133	5494
5531	13416	10819	15810	5216	1645	890	890	3019	889	3179	275	2306	5656
5532	13577	11091	16821	5402	1650	898	898	3203	919	3364	290	2608	5784
5533	13634	11385	18103	5424	1676	907	907	3389	941	3665	325	2728	5794
5534	13603	11785	19427	5320	1703	906	906	3475	966	3905	340	2937	5817
5535	13536	12175	20474	5200	1728	910	910	3525	987	4067	354	2996	5892
5536	13537	12643	21549	5169	1799	922	922	3549	1001	4114	361	2961	5972
5537	13762	13130	21507	5247	1841	933	933	3727	1011	4156	375	3090	5981
5538	14183	13235	20264	5400	1898	955	955	3708	979	4129	368	2902	5776
5539	14203	12539	18354	5343	1907	951	951	3585	979	3895	342	2497	5632
5540	14042	12466	18873	5245	1874	936	936	3531	1070	3837	316	2620	5654
5541	14587	12555	18560	5467	1840	962	962	3921	978	3702	328	2383	5884
5542	14353	11224	16513	5648	1829	987	987	3793	862	3327	326	2162	5672
5543	12812	10648	15595	5138	1679	900	900	3259	834	3139	277	2118	5429
5544	12438	9913	14867	4895	1614	873	873	2964	775	3014	262	2018	5283
5545	11708	8883	13350	4763	1541	823	823	2761	728	2732	229	1843	5039
5546	11041	8189	12252	4514	1435	780	780	2501	689	2509	201	1653	4939
5547	10616	7774	11531	4336	1369	742	742	2318	675	2343	185	1485	4861
5548	10421	7768	11321	4222	1337	727	727	2265	685	2253	174	1397	4856
5549	10788	8392	12145	4222	1337	736	736	2367	767	2298	181	1398	5030
5550	12015	9875	13992	4396	1420	789	789	2744	855	2537	213	1410	5318
5551	13152	10933	15614	4729	1585	879	879	3039	901	2832	265	1535	5698
5552	13721	11834	17337	5146	1695	936	936	3299	927	3138	297	1891	5816
5553	13891	12058	18007	5267	1750	950	950	3378	943	3330	316	2143	5966
5554	14749	12226	18483	5645	1763	996	996	3587	1002	3386	325	2218	6248
5555	15457	12588	19679	6158	1807	1046	1046	3811	1056	3472	351	2344	6499
5556	15652	12871	20999	6321	1851	1069	1069	4114	1097	3625	380	2527	6593
5557	16029	13319	22463	6405	1883	1071	1071	4389	1154	3813	406	2809	6646
5558	16041	13714	23966	6275	1974	1075	1075	4562	1179	4049	424	3083	6620
5559	15960	14283	24937	6142	2047	1088	1088	4587	1182	4309	439	3158	6658
5560	15800	14701	24897	6013	2113	1090	1090	4422	1177	4499	453	3205	6707
5561	15908	14808	23901	6127	2167	1101	1101	4261	1116	4600	457	3164	6599
5562	16214	14462	21942	6344	2182	1092	1092	3969	1034	4441	442	2942	6133
5563	16030	13832	19947	5922	2205	1059	1059	3739	1017	4120	412	2626	5952
5564	15524	13418	20217	5699	2168	1008	1008	3572	1186	3989	376	2657	5900
5565	15960	13260	19527	5890	2065	1051	1051	3687	1063	3828	373	2441	5985
5566	15062	12194	18126	6047	2017	1064	1064	3566	930	3551	359	2228	5830
5567	13781	11868	17640	5364	1810	950	950	3367	884	3384	319	2189	5723
5568	13123	10915	16219	5206	1740	918	918	3099	812	3229	300	2043	5448
5569	12129	9747	14131	4834	1647	853	853	2781	745	2979	256	1913	5197
5570	11321	8834	12854	4460	1512	796	796	2496	701	2754	218	1737	5002
5571	10942	8312	11980	4272	1451	761	761	2369	668	2570	198	1593	4931
5572	10707	8233	11733	4196	1388	745	745	2266	673	2447	186	1491	4975
5573	11045	8883	12593	4190	1404	739	739	2383	755	2488	189	1503	5140
5574	12400	10589	14805	4478	1498	806	806	2809	864	2748	223	1537	5477
5575	13737	11834	16843	5003	1669	904	904	3173	922	3070	285	1669	5814
5576	14105	12488	18667	5471	1764	964	964	3355	945	3314	318	1965	5913

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5577	14303	12611	19307	5606	1800	977	977	3386	958	3430	331	2189	6043
5578	14797	12868	19709	5901	1806	1010	1010	3616	1002	3455	339	2273	6223
5579	15382	13418	20693	6130	1827	1048	1048	3858	1042	3544	365	2308	6400
5580	15660	13772	21796	6140	1860	1071	1071	4067	1074	3722	392	2418	6435
5581	15931	14259	23043	6208	1932	1077	1077	4268	1132	3951	412	2593	6512
5582	16129	14949	23746	6194	2034	1100	1100	4412	1172	4154	428	2817	6585
5583	16110	15209	25079	6179	2120	1124	1124	4457	1184	4301	437	3059	6645
5584	16171	15541	25466	6101	2130	1134	1134	4313	1166	4407	456	3217	6678
5585	16311	15555	24495	6094	2259	1146	1146	4216	1094	4424	464	3210	6554
5586	16440	14871	22768	6213	2281	1116	1116	3975	1019	4240	447	3039	6188
5587	16003	14208	21072	5889	2236	1082	1082	3705	996	3926	421	2754	6026
5588	15502	14100	21041	5717	2164	1046	1046	3566	1112	3842	386	2777	6021
5589	15856	13768	20485	5781	2110	1041	1041	3714	1022	3695	380	2548	6070
5590	15233	12686	19394	5858	2049	1026	1026	3531	947	3512	364	2315	5924
5591	14109	12304	18898	5513	1821	969	969	3364	885	3430	331	2270	5824
5592	13522	11160	17360	5383	1759	918	918	3143	809	3222	303	2157	5534
5593	12286	9980	14842	4955	1614	848	848	2781	768	2955	251	1959	5244
5594	11467	9017	13443	4568	1520	803	803	2556	728	2729	214	1781	5081
5595	10904	8448	12286	4361	1430	773	773	2364	697	2575	188	1600	4970
5596	10684	8252	11947	4223	1371	761	761	2287	705	2463	177	1509	4947
5597	11092	8955	12705	4226	1376	751	751	2369	776	2484	180	1525	5107
5598	12456	10718	15068	4525	1459	817	817	2796	884	2745	216	1571	5454
5599	13797	12059	17367	5045	1652	921	921	3145	938	3084	280	1710	5828
5600	14048	12770	19227	5445	1782	973	973	3345	959	3345	315	1991	5922
5601	14514	12936	19906	5630	1818	982	982	3394	970	3514	330	2186	6051
5602	15249	13107	20383	5931	1826	1014	1014	3571	1014	3566	340	2281	6236
5603	15888	13493	21466	6110	1856	1040	1040	3785	1055	3616	369	2323	6445
5604	15997	13719	22525	6137	1921	1065	1065	3973	1095	3761	398	2446	6521
5605	16528	14218	23729	6221	1971	1086	1086	4096	1131	3975	421	2614	6590
5606	16432	14818	25054	6216	2037	1110	1110	4217	1163	4240	453	2836	6629
5607	16338	15484	25849	6123	2079	1143	1143	4410	1189	4472	459	3070	6650
5608	16172	15957	25739	5987	2191	1163	1163	4466	1180	4622	462	3224	6644
5609	16168	16036	24842	5984	2335	1148	1148	4417	1110	4611	452	3241	6438
5610	16385	15438	23123	6101	2333	1143	1143	4257	1039	4426	443	3076	6119
5611	15910	14639	21431	5810	2306	1095	1095	3995	1017	4109	409	2772	5988
5612	15471	14427	21337	5635	2219	1042	1042	3730	1142	3993	375	2789	5978
5613	15878	14075	20692	5737	2138	1055	1055	3927	1047	3837	380	2565	6067
5614	14922	13048	19914	5753	2061	1037	1037	3626	961	3650	365	2329	5925
5615	14005	12699	19134	5457	1847	979	979	3390	908	3561	330	2279	5851
5616	13184	11559	17148	5328	1788	930	930	3193	827	3408	304	2185	5527
5617	12278	10274	15257	4918	1667	864	864	2895	775	3135	256	2025	5253
5618	11544	9319	13792	4541	1541	817	817	2594	738	2912	219	1847	5051
5619	11082	8725	12686	4351	1460	790	790	2425	703	2729	193	1673	4965
5620	10804	8511	12342	4283	1408	755	755	2308	707	2607	179	1525	4927
5621	11183	9148	13167	4260	1383	768	768	2457	787	2618	182	1533	5127
5622	12546	10901	15382	4540	1496	824	824	2810	890	2855	218	1556	5457
5623	13705	12186	17539	5066	1708	928	928	3195	935	3178	281	1670	5814
5624	13972	13023	19258	5421	1807	976	976	3411	953	3441	317	2004	5902
5625	14387	13264	19805	5595	1845	985	985	3463	965	3587	334	2261	6049
5626	15056	13405	20238	5962	1853	1010	1010	3734	1006	3628	340	2365	6226
5627	15712	13770	21273	6137	1881	1057	1057	3908	1050	3677	363	2398	6382
5628	15935	14094	22240	6139	1900	1087	1087	4059	1084	3802	388	2497	6384
5629	16243	14684	23312	6226	2006	1091	1091	4280	1154	3972	409	2664	6477
5630	16501	15471	24542	6161	2097	1114	1114	4495	1176	4203	431	2902	6488
5631	16319	16010	25288	6101	2157	1122	1122	4593	1184	4440	442	3118	6544
5632	16243	16438	25400	5963	2225	1138	1138	4550	1194	4584	453	3274	6582
5633	16318	16485	24467	6041	2310	1141	1141	4456	1106	4571	453	3258	6511
5634	16378	15683	22648	6107	2285	1106	1106	4224	1025	4387	436	3062	6178
5635	15835	14854	21056	5819	2291	1062	1062	3771	1002	4061	415	2763	6018
5636	15344	14531	21011	5652	2204	1025	1025	3656	1104	3934	387	2803	5984
5637	15808	14204	20438	5788	2112	1039	1039	3754	1026	3801	382	2591	6021
5638	14958	13360	19806	5835	2004	1030	1030	3609	953	3672	365	2394	5891
5639	13961	12962	19019	5448	1856	980	980	3453	898	3608	335	2355	5768
5640	13224	11807	17082	5313	1821	926	926	3216	820	3385	310	2224	5469
5641	12203	10408	15131	4902	1649	865	865	2923	764	3083	263	2037	5277
5642	11436	9413	13640	4552	1558	808	808	2617	722	2856	226	1854	5058
5643	10895	8790	12565	4376	1482	775	775	2402	694	2641	200	1669	4917
5644	10698	8523	12364	4308	1408	759	759	2349	703	2499	184	1535	4924
5645	11055	9078	12947	4296	1387	768	768	2441	779	2501	188	1516	5100
5646	12330	10809	15268	4558	1470	817	817	2796	878	2752	218	1518	5413
5647	13509	12117	17258	5041	1662	914	914	3185	925	3084	278	1608	5749
5648	13756	12817	18797	5412	1791	953	953	3410	945	3386	315	1948	5851
5649	14353	12941	19218	5610	1830	972	972	3485	957	3514	333	2210	6049
5650	15195	13202	19795	5948	1844	1029	1029	3625	1005	3545	340	2311	6283
5651	15781	13586	20966	6182	1869	1073	1073	3786	1042	3650	362	2352	6481
5652	16043	13862	21987	6175	1925	1110	1110	3957	1068	3833	384	2490	6477
5653	15801	14319	23228	6206	1980	1110	1110	4025	1123	4074	402	2662	6519
5654	15982	14831	24559	6174	2047	1117	1117	4191	1153	4386	421	2937	6517
5655	15840	15180	25306	6078	2172	1129	1129	4288	1161	4626	429	3189	6565
5656	15739	15365	25076	5900	2232	1143	1143	4341	1150	4729	440	3186	6505
5657	15642	15046	23843	5874	2308	1127	1127	4341	1066	4632	445	2977	6309
5658	15449	14335	21729	5863	2296	1096	1096	4140	993	4359	425	2786	6031

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5659	14853	13613	20085	5653	2237	1026	1026	3826	978	3994	391	2580	5895
5660	14325	13369	20098	5518	2146	977	977	3626	1054	3794	364	2618	5858
5661	14462	13167	19589	5579	2024	982	982	3654	993	3636	358	2469	5875
5662	14034	12911	19190	5569	1942	975	975	3556	945	3541	346	2333	5820
5663	13655	12315	18340	5415	1832	951	951	3482	907	3461	334	2307	5691
5664	12874	10940	16566	5305	1780	903	903	3309	830	3173	314	2204	5393
5665	11859	9910	14973	4838	1667	827	827	2896	773	3003	269	2077	5190
5666	11088	9081	13664	4552	1576	777	777	2697	725	2806	235	1934	5008
5667	10565	8486	12576	4364	1488	745	745	2555	694	2654	210	1811	4954
5668	10280	8111	11975	4245	1422	729	729	2428	677	2540	190	1688	4873
5669	10385	8176	12110	4165	1383	738	738	2389	703	2462	185	1609	4906
5670	10884	8842	12767	4237	1383	751	751	2504	724	2491	194	1534	4909
5671	11508	9274	13394	4383	1436	798	798	2530	776	2519	215	1438	5088
5672	12449	10441	15182	4736	1546	850	850	2814	858	2822	238	1784	5418
5673	12856	11071	16574	4975	1677	886	886	3025	885	3101	279	2119	5523
5674	13851	11208	16921	5215	1731	951	951	3094	914	3235	296	2256	5727
5675	14481	11531	18100	5484	1761	1030	1030	3422	946	3320	312	2316	5949
5676	14692	11815	19499	5606	1808	1065	1065	3727	973	3559	335	2470	6087
5677	14297	12056	20667	5539	1860	1061	1061	3892	997	3838	350	2675	6027
5678	14077	12352	21808	5454	1903	1061	1061	3907	1019	4134	353	2888	6034
5679	13854	12603	22685	5288	1939	1036	1036	3847	1030	4362	373	3103	5977
5680	13745	12745	22923	5220	2013	1051	1051	3802	1043	4506	391	3216	6075
5681	13935	12813	22203	5267	2156	1062	1062	3824	1034	4533	394	3084	6021
5682	14103	12549	20225	5323	2178	1062	1062	3784	981	4350	406	2734	5722
5683	13887	11964	18264	5193	2168	1014	1014	3626	972	3954	379	2488	5571
5684	13650	11972	18810	5116	2067	945	945	3458	1040	3807	347	2523	5572
5685	14169	11823	18081	5273	1939	1004	1004	3760	962	3599	353	2385	5675
5686	13528	11200	16883	5293	1885	1023	1023	3616	889	3305	336	2270	5529
5687	12776	10976	16432	5019	1756	892	892	3093	859	3234	300	2252	5468
5688	12283	10122	15137	4937	1712	870	870	2985	789	3100	288	2166	5309
5689	11457	9308	14043	4643	1600	824	824	2781	747	2867	252	2027	5110
5690	10750	8597	13034	4375	1528	769	769	2603	699	2683	222	1902	4966
5691	10270	8063	12170	4166	1450	743	743	2457	670	2507	200	1779	4845
5692	9960	7733	11672	4047	1384	704	704	2305	657	2344	184	1662	4760
5693	9926	7816	11374	4016	1362	712	712	2286	676	2274	177	1602	4793
5694	10245	8143	11631	4046	1374	732	732	2332	687	2240	180	1518	4746
5695	10595	8175	11588	4090	1378	754	754	2326	715	2193	194	1438	4825
5696	11651	9419	13073	4447	1459	812	812	2553	802	2556	209	1783	5177
5697	12454	10320	14738	4831	1558	857	857	2832	851	2968	245	2074	5394
5698	12759	10501	15522	4934	1624	867	867	2927	860	3155	264	2175	5446
5699	13241	10719	15784	5159	1630	880	880	2986	885	3217	269	2283	5550
5700	13375	11040	16750	5300	1636	890	890	3217	913	3405	282	2492	5646
5701	13405	11336	18004	5309	1659	900	900	3401	934	3717	315	2604	5660
5702	13326	11777	19388	5226	1685	894	894	3502	959	3977	330	2818	5674
5703	13236	12174	20569	5131	1708	899	899	3533	977	4129	342	2945	5744
5704	13261	12718	21549	5125	1770	912	912	3553	1000	4156	354	2968	5810
5705	13459	13208	21444	5229	1824	929	929	3668	1010	4128	375	3090	5836
5706	13808	13235	19944	5405	1907	951	951	3603	976	4068	375	2909	5679
5707	13817	12452	18035	5315	1906	947	947	3453	990	3826	351	2547	5572
5708	13786	12899	19003	5267	1873	930	930	3521	1070	3779	324	2592	5639
5709	14587	12725	18251	5591	1840	979	979	3921	965	3607	342	2386	5805
5710	14115	11086	16285	5616	1818	987	987	3692	861	3309	327	2195	5583
5711	12577	10461	15551	5081	1648	881	881	3164	833	3169	272	2162	5407
5712	12106	9710	14654	4884	1584	852	852	2904	772	3027	257	2061	5265
5713	11148	8736	13275	4577	1485	807	807	2708	719	2749	226	1887	5059
5714	10407	8104	12293	4281	1385	764	764	2498	675	2526	200	1712	4956
5715	9950	7761	11659	4067	1328	737	737	2371	664	2354	184	1552	4871
5716	9780	7805	11496	3947	1292	722	722	2304	672	2253	175	1462	4856
5717	10252	8486	12311	3965	1293	732	732	2391	759	2288	182	1460	5034
5718	11769	9952	14205	4264	1393	789	789	2789	856	2535	214	1513	5344
5719	13111	10954	15735	4787	1585	879	879	3081	904	2840	268	1588	5674
5720	13593	11661	17226	5300	1693	922	922	3345	928	3130	299	1916	5788
5721	13736	11814	17839	5405	1742	932	932	3367	941	3314	316	2145	5884
5722	14351	12049	18275	5746	1751	988	988	3525	993	3376	324	2209	6101
5723	14923	12493	19395	6051	1774	1035	1035	3852	1043	3456	349	2407	6309
5724	15008	12770	20674	6147	1806	1061	1061	4112	1077	3603	378	2642	6393
5725	15322	13216	22180	6193	1838	1051	1051	4351	1131	3801	404	2963	6451
5726	15348	13717	23811	6131	1921	1051	1051	4537	1177	4061	426	3203	6466
5727	15300	14328	24805	6052	1976	1069	1069	4587	1186	4337	442	3205	6522
5728	15228	14757	24937	5972	2048	1084	1084	4446	1173	4517	454	3201	6582
5729	15261	14808	23913	6046	2159	1101	1101	4392	1105	4600	457	3168	6500
5730	15532	14333	21776	6197	2181	1087	1087	4134	1029	4423	440	2925	6085
5731	15412	13617	19765	5829	2205	1055	1055	3891	1027	4090	410	2611	5922
5732	15133	13495	20325	5687	2174	992	992	3720	1176	3985	375	2644	5916
5733	15706	13123	19361	5909	2086	1067	1067	3881	1042	3762	377	2388	5984
5734	14602	11932	17944	5857	2015	1052	1052	3648	932	3497	361	2200	5794
5735	13607	11591	17448	5384	1797	928	928	3358	880	3367	319	2155	5682
5736	12825	10648	16071	5238	1730	894	894	3122	807	3164	301	1994	5413
5737	11674	9474	15026	4787	1622	828	828	2821	750	2851	258	1815	5175
5738	10735	8566	13382	4362	1474	777	777	2548	711	2587	221	1626	5001
5739	10283	8080	12775	4137	1431	740	740	2429	682	2397	199	1459	4929
5740	10050	8006	12533	4059	1368	727	727	2334	682	2275	188	1347	4967

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5741	10449	8705	13924	4037	1379	723	723	2414	765	2338	192	1371	5149
5742	12061	10490	15719	4365	1489	794	794	2846	877	2644	226	1471	5524
5743	13631	11675	17286	5003	1686	901	901	3195	930	3022	291	1571	5809
5744	13926	12151	18633	5469	1783	953	953	3358	948	3265	322	1893	5874
5745	14164	12241	19040	5602	1802	962	962	3389	961	3376	332	2123	5973
5746	14675	12561	19437	5853	1806	990	990	3578	1001	3400	342	2227	6105
5747	15096	13060	20391	6034	1828	1022	1022	3802	1040	3477	370	2263	6224
5748	15368	13298	21505	6024	1860	1051	1051	4006	1069	3637	403	2366	6260
5749	15561	13740	22865	6087	1917	1058	1058	4220	1120	3868	427	2540	6308
5750	15861	14294	24446	6084	2021	1079	1079	4401	1157	4094	448	2764	6352
5751	15854	14727	25637	6079	2108	1107	1107	4457	1173	4275	456	3015	6389
5752	15827	15034	25938	6030	2137	1131	1131	4362	1184	4409	464	3195	6437
5753	15977	14949	24726	6058	2281	1146	1146	4301	1114	4424	464	3217	6364
5754	16104	14236	22657	6165	2270	1121	1121	4039	1030	4282	459	3013	6059
5755	15705	13571	20850	5869	2221	1086	1086	3771	1015	3992	428	2726	5941
5756	15371	13719	20982	5730	2151	1051	1051	3644	1136	3932	398	2777	5967
5757	15864	13247	20152	5883	2117	1073	1073	3807	1027	3713	400	2517	5991
5758	14889	12252	19087	5847	2034	1030	1030	3557	949	3486	371	2274	5864
5759	13907	11869	18623	5487	1810	956	956	3370	887	3380	332	2227	5725
5760	13140	10763	17333	5330	1741	910	910	3151	814	3135	303	2107	5441
5761	11986	9732	15098	4904	1567	841	841	2830	771	2894	256	1893	5185
5762	11203	8914	13918	4506	1464	800	800	2613	734	2662	222	1701	5030
5763	10543	8430	12991	4313	1360	776	776	2429	706	2490	199	1519	4951
5764	10402	8252	12712	4161	1290	760	760	2367	709	2379	189	1422	4947
5765	10821	8965	13413	4146	1303	750	750	2457	787	2396	191	1445	5113
5766	12278	10727	15558	4478	1412	810	810	2850	895	2672	226	1552	5485
5767	13700	11948	17507	5076	1646	917	917	3207	941	3024	289	1668	5798
5768	13917	12398	19022	5460	1785	958	958	3394	959	3301	319	1951	5868
5769	14296	12493	19614	5631	1810	966	966	3457	970	3475	329	2148	5999
5770	14770	12862	20101	5848	1821	1008	1008	3576	1015	3539	339	2239	6174
5771	15201	13447	21331	6005	1865	1039	1039	3740	1054	3584	366	2294	6330
5772	15204	13764	22559	6009	1921	1067	1067	3915	1090	3720	397	2439	6387
5773	15494	14345	24075	6089	1965	1083	1083	4042	1132	3924	425	2638	6460
5774	15419	15069	25804	6090	2045	1099	1099	4164	1169	4191	457	2855	6470
5775	15353	15936	26950	6012	2115	1130	1130	4407	1189	4445	460	3092	6534
5776	15232	16503	26900	5908	2200	1163	1163	4466	1177	4598	462	3241	6565
5777	15204	16469	25779	5953	2335	1161	1161	4433	1101	4622	455	3238	6420
5778	15453	15595	23646	6070	2289	1123	1123	4326	1034	4442	436	3033	6083
5779	15207	14440	21614	5817	2290	1083	1083	4046	1024	4135	401	2715	5950
5780	15090	14485	21664	5725	2199	1029	1029	3846	1146	4016	377	2733	5974
5781	15533	13779	20617	5885	2133	1069	1069	3962	1042	3820	390	2477	6032
5782	14434	12526	19623	5784	2013	1036	1036	3686	960	3626	365	2260	5849
5783	13772	12146	18910	5468	1815	959	959	3457	903	3535	329	2222	5760
5784	12936	10984	17164	5335	1734	908	908	3271	825	3374	302	2084	5439
5785	11791	9970	15322	4913	1611	845	845	2969	774	3090	253	1840	5212
5786	11030	9157	14043	4521	1507	800	800	2674	740	2870	218	1605	5046
5787	10525	8672	13048	4317	1434	781	781	2501	708	2686	194	1408	4986
5788	10265	8511	12744	4231	1373	748	748	2376	714	2556	180	1256	4927
5789	10765	9175	13532	4220	1356	761	761	2540	791	2572	184	1256	5133
5790	12297	10806	15639	4539	1481	817	817	2914	902	2834	221	1352	5479
5791	13635	11960	17587	5114	1693	927	927	3279	942	3163	288	1439	5775
5792	13861	12548	19031	5434	1776	963	963	3475	958	3387	319	1845	5838
5793	14354	12675	19498	5677	1789	976	976	3526	974	3501	330	2153	5959
5794	14888	12961	20234	5985	1824	1009	1009	3764	1020	3531	338	2268	6083
5795	15408	13570	21926	6142	1873	1051	1051	3930	1065	3636	364	2312	6225
5796	15545	14075	23579	6114	1939	1083	1083	4132	1103	3754	389	2421	6237
5797	15727	14950	25392	6153	2041	1079	1079	4265	1175	3888	404	2616	6318
5798	15875	16125	27470	6084	2120	1102	1102	4445	1194	4105	428	2884	6342
5799	15709	16959	28597	6013	2145	1115	1115	4496	1190	4354	442	3105	6399
5800	15571	17710	28905	5897	2211	1135	1135	4593	1185	4570	452	3274	6450
5801	15546	17732	27301	6007	2310	1141	1141	4338	1095	4584	453	3263	6396
5802	15661	16454	24222	6027	2262	1113	1113	4163	1016	4341	428	3038	6083
5803	15306	14985	21677	5773	2288	1061	1061	3747	1012	3984	403	2708	5946
5804	15148	14998	21950	5686	2169	1020	1020	3711	1098	3869	373	2743	5960
5805	15748	14174	20661	5859	2117	1055	1055	3789	1016	3702	374	2487	5981
5806	14673	12815	19501	5784	1981	1027	1027	3625	957	3554	354	2284	5824
5807	13758	12390	18762	5437	1789	964	964	3507	895	3478	329	2236	5695
5808	12848	11361	16969	5259	1741	910	910	3246	812	3202	298	2038	5428
5809	11784	10321	15272	4816	1597	835	835	2943	773	3016	254	1922	5233
5810	10984	9505	13966	4399	1514	778	778	2625	736	2829	221	1739	5020
5811	10428	8999	13020	4204	1454	747	747	2428	711	2664	196	1572	4917
5812	10240	8838	12911	4151	1399	728	728	2360	718	2557	182	1452	4928
5813	10666	9360	13459	4155	1403	734	734	2456	788	2579	187	1455	5115
5814	12119	10906	15610	4469	1489	795	795	2833	892	2806	218	1516	5449
5815	13458	11961	17386	5050	1671	908	908	3269	928	3094	280	1563	5718
5816	13735	12455	18620	5420	1749	944	944	3427	941	3327	312	1867	5796
5817	14494	12595	18968	5666	1759	969	969	3501	957	3437	324	2115	5945
5818	15250	13183	19768	5951	1778	1030	1030	3640	1010	3468	332	2223	6125
5819	15831	14037	21430	6197	1801	1074	1074	3818	1049	3565	354	2256	6289
5820	16043	14544	22884	6179	1890	1111	1111	3961	1075	3753	376	2380	6284
5821	15669	15343	24693	6194	1906	1102	1102	4043	1131	4004	394	2540	6320
5822	16027	16365	26679	6124	1989	1106	1106	4220	1160	4330	416	2804	6318

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5823	15746	17013	27866	5989	2166	1125	1125	4319	1161	4596	429	3057	6359
5824	15560	17370	27688	5856	2188	1143	1143	4336	1145	4729	441	3189	6326
5825	15484	16683	25820	5851	2308	1125	1125	4341	1061	4629	445	3110	6162
5826	15307	15228	22712	5846	2273	1096	1096	4130	987	4335	425	2878	5934
5827	14759	13784	20354	5671	2180	1023	1023	3786	980	3970	389	2609	5819
5828	14325	13636	20610	5576	2094	974	974	3634	1056	3853	356	2639	5809
5829	14589	13017	19613	5678	1998	995	995	3679	983	3665	353	2428	5816
5830	13840	12506	18933	5577	1878	971	971	3550	941	3501	337	2261	5759
5831	13471	12054	18201	5420	1759	941	941	3489	896	3444	324	2226	5620
5832	12558	10937	16636	5275	1711	888	888	3299	821	3275	304	2138	5338
5833	11655	9883	14977	4819	1600	824	824	2885	774	2984	261	2024	5067
5834	10908	9196	13761	4521	1511	778	778	2607	727	2766	229	1879	4872
5835	10350	8671	12803	4331	1416	753	753	2457	699	2584	207	1746	4812
5836	10124	8370	12294	4225	1381	729	729	2307	683	2464	189	1628	4695
5837	10241	8438	12444	4151	1346	736	736	2276	708	2379	185	1564	4745
5838	10769	9046	13082	4243	1351	749	749	2406	733	2408	195	1518	4817
5839	11549	9468	13642	4417	1415	798	798	2462	775	2439	216	1438	4995
5840	12397	10395	15250	4736	1513	844	844	2779	849	2794	238	1785	5341
5841	12804	10906	16565	4971	1644	879	879	3049	873	3130	276	2099	5456
5842	13836	11146	16911	5199	1678	942	942	3125	905	3272	292	2230	5667
5843	14440	11747	18171	5433	1713	1016	1016	3357	948	3369	308	2280	5893
5844	14516	12168	19715	5549	1766	1037	1037	3617	977	3604	332	2440	6043
5845	14039	12505	21048	5482	1798	1036	1036	3755	1004	3880	353	2657	5955
5846	13817	12988	22258	5414	1836	1032	1032	3820	1027	4164	358	2878	5943
5847	13524	13405	23239	5248	1876	1015	1015	3843	1040	4408	379	3078	5909
5848	13415	13694	23691	5180	1987	1039	1039	3852	1048	4533	396	3216	6002
5849	13609	13781	22868	5227	2132	1058	1058	3907	1036	4525	397	3177	5978
5850	13824	13316	20723	5316	2178	1065	1065	3832	982	4315	406	2938	5673
5851	13679	12404	18606	5197	2171	1013	1013	3675	986	3918	378	2648	5517
5852	13664	12935	19442	5173	2053	946	946	3573	1045	3809	346	2702	5578
5853	14183	12383	18284	5363	1940	1022	1022	3758	950	3567	355	2467	5688
5854	13300	11158	16911	5267	1827	1008	1008	3589	876	3321	331	2272	5477
5855	12638	10837	16497	5002	1689	884	884	3128	846	3262	295	2236	5405
5856	12094	10146	15380	4930	1648	862	862	3032	779	3107	284	2176	5246
5857	11292	9351	14192	4634	1534	810	810	2822	740	2896	249	2044	5063
5858	10629	8703	13224	4372	1455	766	766	2623	698	2718	218	1915	4927
5859	10163	8246	12405	4169	1372	737	737	2465	678	2527	197	1787	4833
5860	9857	7961	11960	4051	1309	703	703	2301	663	2364	182	1669	4746
5861	9857	8001	11679	4016	1304	706	706	2269	678	2275	175	1608	4781
5862	10205	8337	11891	4061	1311	726	726	2320	692	2230	180	1552	4792
5863	10741	8386	11809	4150	1312	755	755	2312	717	2193	193	1438	4840
5864	11651	9455	13255	4466	1408	806	806	2537	799	2531	208	1768	5159
5865	12302	10270	14885	4845	1516	853	853	2863	843	2959	246	2063	5347
5866	12613	10431	15707	4943	1586	864	864	2987	851	3153	266	2194	5407
5867	13017	10703	15966	5152	1593	877	877	3037	871	3209	270	2254	5547
5868	13099	11085	16959	5269	1605	889	889	3236	898	3396	285	2433	5635
5869	13114	11445	18301	5268	1652	902	902	3422	920	3705	318	2638	5648
5870	12999	11916	19753	5215	1688	895	895	3553	946	3974	332	2850	5660
5871	12889	12295	20978	5118	1709	901	901	3610	970	4137	344	3021	5723
5872	12866	12796	21939	5116	1775	922	922	3619	997	4156	353	3014	5798
5873	13002	13227	21880	5228	1829	937	937	3703	1002	4058	375	3090	5822
5874	13322	13246	20451	5425	1904	972	972	3704	968	3973	372	2923	5637
5875	13356	12552	18811	5348	1898	965	965	3551	1005	3762	352	2622	5533
5876	13511	13261	20017	5346	1847	946	946	3633	1080	3754	324	2657	5693
5877	14232	12678	18794	5654	1837	1022	1022	3921	969	3552	349	2431	5830
5878	13473	10929	16635	5491	1799	995	995	3699	856	3283	329	2228	5498
5879	12335	10365	15777	5023	1607	874	874	3155	832	3168	275	2194	5349
5880	11830	9650	15047	4888	1526	843	843	2954	779	3012	260	2114	5160
5881	10915	8699	13584	4547	1452	793	793	2697	714	2809	227	1910	4966
5882	10251	8108	12615	4250	1372	754	754	2503	675	2619	201	1731	4871
5883	9857	7761	11938	4048	1310	726	726	2347	664	2477	184	1569	4801
5884	9780	7815	11772	3947	1265	717	717	2304	673	2391	175	1460	4796
5885	10212	8492	12585	3969	1290	719	719	2383	757	2434	182	1473	4979
5886	11696	9967	14546	4288	1396	785	785	2807	864	2662	215	1575	5326
5887	13149	10986	16189	4872	1580	879	879	3144	908	2945	270	1613	5632
5888	13415	11551	17602	5321	1680	919	919	3396	929	3160	303	1924	5708
5889	13667	11668	18185	5446	1711	927	927	3414	941	3296	314	2135	5794
5890	14300	12088	18725	5817	1717	991	991	3549	990	3340	321	2194	5970
5891	14767	12745	20103	6099	1745	1039	1039	3863	1039	3419	354	2382	6140
5892	14866	13110	21695	6151	1785	1068	1068	4097	1072	3569	387	2616	6206
5893	14923	13799	23598	6159	1816	1062	1062	4334	1128	3775	416	2937	6263
5894	14948	14514	25479	6050	1886	1050	1050	4526	1176	4061	438	3205	6293
5895	14786	15283	26203	5948	1918	1072	1072	4587	1176	4348	449	3157	6348
5896	14631	15813	26279	5905	2006	1079	1079	4504	1152	4536	455	3053	6445
5897	14735	15897	24995	6041	2111	1101	1101	4482	1098	4600	457	2901	6392
5898	14998	15119	22548	6239	2109	1093	1093	4262	1030	4417	435	2673	5985
5899	15024	14177	20565	5896	2123	1059	1059	3940	1041	4081	403	2501	5842
5900	15010	14670	21283	5831	2119	997	997	3923	1186	4013	370	2578	5882
5901	15664	13688	19838	6131	2093	1098	1098	4026	1041	3726	383	2346	5914
5902	14282	11830	18264	5873	1999	1046	1046	3718	932	3454	357	2186	5710
5903	13388	11420	17711	5355	1758	921	921	3413	879	3328	316	2129	5588
5904	12568	10522	16259	5183	1695	885	885	3173	807	3145	295	1947	5328

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5905	11465	9385	14429	4741	1590	824	824	2805	745	2800	252	1799	5126
5906	10643	8548	12483	4337	1455	777	777	2554	711	2552	217	1625	4966
5907	10234	8054	11765	4130	1410	740	740	2430	687	2386	197	1464	4908
5908	10050	8006	11470	4061	1368	727	727	2337	682	2275	188	1347	4924
5909	10511	8709	13121	4037	1379	723	723	2424	766	2336	194	1377	5107
5910	12116	10505	15374	4394	1473	792	792	2831	887	2670	229	1518	5488
5911	13613	11624	17289	5080	1684	903	903	3264	931	3063	294	1574	5736
5912	13815	11990	18808	5488	1764	943	943	3410	946	3266	322	1843	5788
5913	14092	12099	19289	5653	1769	959	959	3439	956	3355	327	2057	5903
5914	14504	12595	19756	5851	1778	998	998	3636	993	3375	341	2168	6057
5915	14770	13198	20881	5998	1819	1035	1035	3847	1032	3461	372	2207	6209
5916	14863	13444	22184	5979	1849	1062	1062	4092	1065	3626	405	2317	6249
5917	14958	13983	23867	6030	1902	1061	1061	4288	1112	3850	429	2506	6307
5918	15142	14582	25786	6031	2008	1077	1077	4411	1184	4058	450	2771	6345
5919	15080	15051	27095	6018	2047	1104	1104	4457	1156	4224	454	3034	6367
5920	14986	15357	27366	5989	2076	1132	1132	4355	1171	4364	463	3217	6427
5921	15144	15182	25815	6056	2229	1146	1146	4297	1098	4358	464	3201	6342
5922	15364	14268	23432	6202	2210	1130	1130	4062	1019	4187	464	2952	5992
5923	15254	13548	21576	5946	2182	1079	1079	3810	1025	3920	433	2742	5853
5924	15186	14257	21832	5848	2112	1054	1054	3784	1131	3886	406	2800	5919
5925	15532	13388	20605	5978	2151	1120	1120	3907	1017	3642	420	2493	5932
5926	14455	12073	19335	5831	2004	1037	1037	3598	946	3434	374	2217	5766
5927	13684	11686	18740	5492	1770	942	942	3413	879	3335	327	2165	5610
5928	12873	10643	17169	5325	1697	892	892	3183	802	3042	297	2031	5329
5929	11786	9840	15175	4875	1538	818	818	2813	742	2849	255	1844	5175
5930	11089	9095	13955	4482	1434	769	769	2608	699	2636	220	1673	5025
5931	10486	8664	13022	4272	1343	747	747	2426	671	2472	199	1509	4954
5932	10357	8539	12712	4166	1290	727	727	2350	674	2379	189	1422	4954
5933	10805	9185	13472	4146	1316	729	729	2443	763	2393	193	1453	5107
5934	12264	10830	15767	4471	1416	793	793	2869	888	2667	228	1591	5466
5935	13608	11931	17769	5118	1649	915	915	3248	935	3023	293	1662	5714
5936	13933	12232	19227	5462	1757	952	952	3413	953	3264	319	1900	5772
5937	14268	12364	19793	5771	1762	965	965	3468	963	3422	324	2071	5921
5938	14575	12918	20343	6026	1776	1010	1010	3571	1007	3485	337	2156	6089
5939	14863	13589	21653	6183	1807	1041	1041	3706	1043	3524	367	2204	6263
5940	14762	13817	22992	6173	1845	1060	1060	3877	1084	3636	398	2327	6318
5941	14739	14482	24509	6238	1868	1077	1077	3990	1132	3814	427	2504	6403
5942	14718	15230	26178	6232	1940	1091	1091	4113	1169	4056	461	2741	6429
5943	14658	16033	27142	6103	1978	1120	1120	4381	1189	4281	462	3023	6513
5944	14542	16503	27223	5973	2063	1158	1158	4466	1188	4419	460	3241	6565
5945	14670	16293	25892	6075	2171	1163	1163	4453	1116	4448	450	3191	6413
5946	14920	15228	23517	6273	2154	1128	1128	4350	1037	4272	428	2954	6032
5947	14871	14214	21729	5950	2174	1092	1092	4030	1046	4024	392	2735	5886
5948	14960	14810	21892	5960	2112	1046	1046	3960	1164	3939	375	2778	6008
5949	15350	13758	20695	6221	2085	1111	1111	4037	1037	3738	399	2476	6028
5950	14080	12320	19794	5901	1939	1045	1045	3704	953	3562	363	2199	5743
5951	13529	11958	18974	5462	1764	952	952	3468	889	3482	324	2149	5668
5952	12695	10915	17172	5308	1679	895	895	3264	802	3325	297	2049	5395
5953	11586	9878	15432	4872	1563	836	836	2949	747	3052	248	1807	5089
5954	10895	9137	14029	4492	1466	782	782	2657	710	2841	216	1590	4933
5955	10434	8683	13070	4303	1405	766	766	2512	670	2673	193	1393	4872
5956	10265	8544	12744	4238	1350	730	730	2395	681	2556	180	1256	4822
5957	10788	9203	13487	4220	1336	741	741	2559	770	2586	186	1270	5037
5958	12278	10822	15711	4552	1473	798	798	2923	896	2844	223	1425	5420
5959	13507	11949	17687	5144	1689	922	922	3328	937	3160	291	1471	5694
5960	13885	12363	19067	5416	1745	952	952	3510	954	3365	319	1850	5752
5961	14272	12465	19537	5712	1753	970	970	3542	969	3474	324	2126	5888
5962	14644	12911	20289	5955	1792	1005	1005	3749	1016	3500	339	2215	6012
5963	14822	13679	21930	6096	1826	1022	1022	3934	1060	3595	371	2283	6150
5964	14787	14175	23505	6049	1846	1044	1044	4147	1099	3705	398	2401	6165
5965	14799	15150	25294	6059	1899	1054	1054	4268	1175	3837	413	2591	6221
5966	14752	16365	27388	5980	1961	1064	1064	4456	1190	4049	437	2851	6268
5967	14587	17075	28555	5900	1964	1080	1080	4427	1187	4286	448	3033	6373
5968	14448	17732	28905	5806	1979	1102	1102	4593	1179	4477	453	3143	6450
5969	14424	17611	27215	5915	2052	1119	1119	4262	1087	4500	448	3106	6352
5970	14576	16130	24052	5946	1977	1094	1094	4117	1007	4269	419	2880	6018
5971	14474	14679	21828	5713	2033	1045	1045	3702	1023	4003	396	2620	5896
5972	14659	15319	22167	5716	1973	1014	1014	3751	1104	3910	368	2674	5959
5973	15237	14114	20694	5942	2041	1067	1067	3796	1009	3712	376	2417	5936
5974	14149	12547	19538	5744	1916	1013	1013	3629	952	3546	347	2225	5728
5975	13466	12130	18763	5407	1745	950	950	3522	881	3465	322	2173	5580
5976	12512	11123	16966	5218	1702	889	889	3253	810	3227	287	1967	5317
5977	11540	10001	15172	4784	1502	822	822	2952	752	2895	239	1866	5114
5978	10843	9199	13897	4391	1398	773	773	2629	715	2654	206	1679	4901
5979	10372	8669	12901	4189	1288	738	738	2450	674	2447	184	1530	4806
5980	10240	8522	12769	4151	1219	728	728	2375	683	2300	170	1418	4822
5981	10690	9103	13331	4167	1253	731	731	2467	769	2329	177	1440	5011
5982	12192	10750	15589	4492	1382	793	793	2840	891	2623	212	1574	5406
5983	13408	11877	17444	5102	1655	910	910	3284	927	2994	279	1603	5667
5984	13939	12277	18654	5420	1721	939	939	3391	940	3273	309	1864	5754
5985	14602	12433	19026	5724	1741	962	962	3448	957	3414	314	2082	5930
5986	15045	13126	19877	5955	1747	1009	1009	3640	1011	3452	329	2179	6100



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
5987	15363	14025	21600	6119	1757	1027	1027	3885	1051	3527	357	2207	6256
5988	15414	14513	23091	6055	1827	1050	1050	3998	1075	3684	381	2306	6226
5989	15071	15404	24868	6051	1808	1041	1041	4108	1135	3904	399	2453	6246
5990	15299	16458	26775	5986	1851	1040	1040	4254	1161	4187	419	2678	6235
5991	15020	17066	27866	5872	1954	1056	1056	4329	1141	4408	431	2878	6286
5992	14774	17370	27655	5774	1938	1070	1070	4326	1116	4516	442	2960	6264
5993	14621	16610	25703	5757	2025	1061	1061	4289	1037	4431	442	2890	6090
5994	14606	15046	22576	5764	2009	1043	1043	4050	976	4170	422	2695	5869
5995	14222	13602	20495	5627	1956	991	991	3678	985	3866	382	2516	5758
5996	14114	13771	20720	5607	1910	961	961	3596	1046	3775	349	2553	5747
5997	14359	12883	19589	5739	1895	987	987	3640	975	3594	350	2364	5724
5998	13583	12301	18988	5556	1793	960	960	3468	938	3471	326	2211	5672
5999	13300	11875	18197	5402	1720	933	933	3412	881	3409	313	2180	5502
6000	12456	10783	16556	5246	1635	886	886	3204	796	3174	291	2087	5163
6001	11476	9800	14883	4780	1527	826	826	2799	749	2952	249	1930	5007
6002	10750	9115	13695	4485	1401	778	778	2547	699	2746	216	1783	4845
6003	10266	8592	12628	4295	1278	756	756	2433	664	2568	195	1660	4789
6004	10078	8309	12146	4267	1236	728	728	2289	647	2452	177	1546	4682
6005	10235	8392	12264	4151	1213	728	728	2276	679	2379	174	1490	4747
6006	10808	9032	12961	4254	1239	753	753	2390	716	2420	185	1475	4866
6007	11668	9439	13479	4477	1344	801	801	2488	761	2450	210	1366	5035
6008	12348	10336	15163	4756	1490	848	848	2748	836	2773	234	1699	5298
6009	12733	10865	16540	4951	1631	878	878	2993	860	3087	269	2002	5398
6010	13609	11077	16893	5186	1663	914	914	3053	902	3218	282	2123	5645
6011	13984	11632	18063	5426	1699	947	947	3220	951	3282	301	2162	5898
6012	13849	12046	19590	5523	1726	960	960	3403	975	3431	325	2280	6043
6013	13440	12358	21042	5439	1735	956	956	3494	996	3596	345	2450	5938
6014	13197	12847	22227	5335	1751	944	944	3521	1016	3780	348	2635	5907
6015	12952	13308	23139	5193	1768	942	942	3533	1013	3925	367	2810	5877
6016	12851	13686	23691	5130	1831	959	959	3541	1023	3983	381	2913	5987
6017	12993	13781	22738	5187	1937	973	973	3599	1013	3969	380	2869	5966
6018	13162	13253	20699	5294	1979	976	976	3557	972	3818	390	2652	5662
6019	13121	12430	18757	5182	1973	947	947	3498	1001	3594	364	2464	5505
6020	13307	13297	19557	5230	1895	926	926	3520	1048	3530	339	2483	5601
6021	13668	12360	18169	5458	1855	974	974	3603	939	3365	355	2282	5635
6022	12852	11117	16876	5243	1754	947	947	3460	861	3236	324	2146	5400
6023	12445	10794	16476	4972	1652	879	879	3067	822	3196	285	2126	5328
6024	11792	10091	15348	4893	1583	859	859	2980	744	3020	274	2053	5182
6025	11062	9288	14079	4617	1488	803	803	2783	714	2833	240	1926	5000
6026	10467	8606	13068	4371	1383	764	764	2592	665	2654	211	1790	4867
6027	10061	8130	12200	4155	1269	735	735	2473	641	2488	191	1661	4784
6028	9807	7837	11760	4059	1235	708	708	2296	626	2330	176	1557	4716
6029	9846	7859	11458	4040	1208	703	703	2269	646	2253	170	1504	4745
6030	10226	8253	11697	4090	1228	722	722	2329	671	2226	175	1480	4794
6031	10916	8391	11544	4218	1266	757	757	2354	699	2193	191	1350	4840
6032	11685	9448	13094	4501	1381	803	803	2550	781	2483	206	1686	5114
6033	12138	10304	14831	4831	1514	855	855	2860	824	2885	241	1981	5283
6034	12490	10484	15744	4911	1554	867	867	2950	833	3087	258	2108	5339
6035	12843	10699	15999	5111	1572	880	880	2991	859	3132	262	2162	5472
6036	12850	11009	16903	5215	1596	888	888	3127	891	3253	273	2291	5559
6037	12839	11327	18224	5199	1650	898	898	3246	912	3463	299	2433	5579
6038	12705	11771	19710	5143	1667	889	889	3330	932	3692	309	2632	5601
6039	12586	12168	20947	5052	1658	892	892	3368	951	3908	318	2842	5669
6040	12553	12613	21939	5048	1707	916	916	3402	977	4028	325	2918	5742
6041	12685	13016	21932	5167	1770	925	925	3429	975	4022	344	2894	5777
6042	12994	13004	20591	5387	1875	959	959	3481	942	3927	344	2722	5589
6043	13094	12469	19304	5341	1872	954	954	3380	1008	3725	329	2503	5511
6044	13537	13261	20452	5465	1823	951	951	3529	1080	3696	311	2507	5773
6045	14202	12265	18870	5787	1862	1022	1022	3678	962	3470	340	2301	5830
6046	13168	10840	16618	5449	1765	970	970	3453	835	3220	316	2135	5431
6047	12143	10402	15829	4973	1561	867	867	3067	805	3118	266	2108	5283
6048	11584	9622	15060	4849	1445	836	836	2911	742	3038	251	2028	5107
6049	10750	8603	13577	4503	1349	776	776	2684	704	2782	222	1846	4935
6050	10159	8012	12614	4220	1250	738	738	2472	670	2602	198	1688	4818
6051	9824	7653	11946	4011	1184	713	713	2323	658	2470	183	1551	4747
6052	9780	7716	11772	3947	1147	712	712	2304	670	2391	175	1460	4747
6053	10229	8403	12602	3988	1173	709	709	2386	750	2436	183	1485	4928
6054	11731	9960	14622	4308	1325	779	779	2794	851	2651	217	1614	5304
6055	13148	11020	16355	4929	1517	882	882	3158	888	2912	271	1612	5589
6056	13334	11515	17719	5329	1638	916	916	3356	905	3101	298	1869	5642
6057	13632	11632	18337	5488	1649	925	925	3366	911	3225	304	2040	5737
6058	14128	11953	18778	5793	1659	974	974	3490	961	3262	311	2092	5922
6059	14519	12547	19995	6039	1686	1000	1000	3776	1005	3351	339	2206	6108
6060	14615	12950	21461	6065	1714	1014	1014	3973	1036	3516	364	2353	6184
6061	14658	13543	23272	6044	1729	1006	1006	4102	1089	3725	384	2555	6261
6062	14681	14316	25174	5929	1791	997	997	4227	1134	3998	400	2761	6285
6063	14518	15156	25928	5870	1810	1011	1011	4271	1136	4302	405	2755	6333
6064	14409	15874	26279	5865	1901	1016	1016	4214	1117	4488	412	2686	6445
6065	14528	15897	25106	5988	2012	1035	1035	4201	1059	4531	418	2581	6397
6066	14819	15058	22748	6208	2008	1032	1032	4107	995	4319	398	2416	5937
6067	14842	14170	20956	5894	2015	1009	1009	3878	1038	4007	370	2349	5808
6068	15099	15057	21469	5951	2040	977	977	3978	1158	3933	351	2379	5932

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6069	15664	13557	19808	6239	2047	1062	1062	4008	1015	3603	370	2203	5892
6070	14044	11770	18384	5792	1893	1002	1002	3662	907	3348	340	2091	5641
6071	13249	11370	17773	5336	1680	916	916	3364	859	3241	304	2042	5519
6072	12443	10461	16249	5150	1618	875	875	3156	792	3038	282	1882	5265
6073	11365	9414	14420	4716	1497	810	810	2837	725	2734	233	1731	4961
6074	10622	8592	12470	4329	1358	764	764	2553	685	2518	197	1575	4780
6075	10219	8091	11760	4146	1318	729	729	2406	666	2378	176	1446	4717
6076	10050	8006	11470	4065	1261	723	723	2337	669	2275	166	1347	4731
6077	10520	8676	13114	4037	1294	723	723	2462	750	2338	175	1388	4952
6078	12143	10492	15426	4382	1416	796	796	2864	873	2657	216	1558	5438
6079	13558	11660	17375	5099	1649	913	913	3245	914	3007	289	1591	5701
6080	13844	12029	18808	5461	1700	939	939	3363	922	3163	313	1818	5746
6081	14106	12112	19306	5714	1716	960	960	3386	935	3235	316	1988	5849
6082	14431	12412	19741	5955	1733	998	998	3522	973	3251	329	2077	6016
6083	14687	12865	20871	6146	1793	1024	1024	3655	1012	3341	353	2109	6175
6084	14744	13140	22132	6105	1832	1042	1042	3819	1044	3520	378	2196	6222
6085	14781	13684	23857	6159	1867	1035	1035	3914	1085	3754	392	2355	6281
6086	14948	14328	25769	6153	1969	1042	1042	3974	1149	3996	406	2589	6315
6087	14872	14934	26999	6113	1977	1064	1064	4015	1109	4177	414	2832	6354
6088	14802	15357	27366	6078	2029	1084	1084	3976	1120	4364	422	2984	6427
6089	14953	15227	25963	6180	2164	1098	1098	3950	1047	4361	427	2950	6359
6090	15173	14362	23515	6372	2159	1079	1079	3828	981	4149	426	2705	5961
6091	15033	13655	21914	6030	2094	1039	1039	3688	1008	3869	395	2587	5841
6092	15303	14338	22138	6032	2028	1036	1036	3751	1100	3811	380	2597	5969
6093	15532	13319	20603	6200	2136	1108	1108	3792	986	3521	400	2323	5909
6094	14188	12151	19336	5868	1917	1006	1006	3515	921	3303	355	2103	5717
6095	13506	11796	18675	5458	1697	936	936	3361	855	3202	315	2061	5553
6096	12656	10802	17030	5273	1595	877	877	3134	777	2919	281	1921	5250
6097	11605	9771	15073	4815	1440	808	808	2786	724	2765	234	1733	4959
6098	10981	8988	13792	4427	1351	767	767	2557	686	2588	197	1564	4769
6099	10433	8491	12856	4228	1262	741	741	2394	656	2455	175	1405	4674
6100	10337	8319	12568	4158	1224	727	727	2342	664	2379	165	1315	4680
6101	10793	8980	13314	4146	1271	734	734	2445	754	2411	171	1354	4899
6102	12223	10769	15644	4460	1372	794	794	2872	878	2672	213	1536	5411
6103	13537	12031	17672	5142	1628	920	920	3257	914	2995	288	1566	5702
6104	13901	12369	19070	5468	1691	948	948	3379	924	3171	313	1779	5760
6105	14086	12463	19612	5791	1702	964	964	3411	934	3284	316	1938	5891
6106	14264	12849	20272	5983	1713	1010	1010	3508	972	3326	328	2031	6067
6107	14423	13426	21732	6087	1738	1029	1029	3619	1006	3383	351	2083	6236
6108	14395	13678	23195	6043	1754	1043	1043	3762	1035	3525	374	2170	6281
6109	14422	14407	24791	6117	1753	1050	1050	3868	1077	3749	393	2357	6347
6110	14404	15222	26503	6134	1793	1055	1055	3994	1106	4040	415	2609	6386
6111	14416	16031	27223	6050	1862	1071	1071	4165	1126	4286	420	2913	6456
6112	14353	16503	27026	5975	1935	1098	1098	4231	1119	4430	424	3049	6565
6113	14461	16284	25601	6043	2019	1111	1111	4233	1050	4448	426	2935	6446
6114	14693	15228	23294	6224	2028	1078	1078	4101	986	4224	406	2797	6053
6115	14699	14334	21892	5895	2049	1052	1052	3846	1019	3989	375	2645	5925
6116	14964	14975	22075	5996	1989	1032	1032	3907	1115	3908	366	2640	6115
6117	15245	13651	20664	6273	1997	1104	1104	3934	998	3647	384	2325	6030
6118	13958	12466	19614	5864	1822	1021	1021	3622	923	3424	345	2068	5717
6119	13446	12084	18849	5454	1686	944	944	3409	859	3323	314	2024	5606
6120	12609	10982	17129	5297	1580	886	886	3206	774	3180	280	1920	5246
6121	11464	9861	15085	4878	1483	826	826	2898	737	2912	236	1673	5037
6122	10798	9097	13646	4501	1405	776	776	2567	702	2720	204	1579	4887
6123	10372	8560	12706	4312	1346	762	762	2424	669	2555	183	1510	4790
6124	10240	8378	12400	4234	1313	729	729	2335	682	2463	171	1256	4749
6125	10732	9082	13229	4220	1326	743	743	2488	765	2497	178	1471	4967
6126	12224	10851	15665	4557	1442	800	800	2881	884	2752	217	1737	5405
6127	13388	12037	17784	5186	1644	921	921	3306	915	3054	287	1748	5675
6128	13965	12348	18913	5458	1719	946	946	3457	927	3223	309	1904	5740
6129	14233	12472	19242	5806	1744	971	971	3478	942	3296	314	2002	5904
6130	14455	12981	20448	6013	1796	1004	1004	3705	991	3333	329	2029	6036
6131	14559	13880	22294	6095	1848	1019	1019	3874	1036	3500	353	2120	6176
6132	14507	14524	23820	6027	1860	1033	1033	4084	1078	3650	374	2221	6173
6133	14465	15501	25541	6003	1845	1044	1044	4162	1152	3800	382	2370	6232
6134	14457	16687	27600	5927	1891	1047	1047	4302	1168	4024	400	2569	6279
6135	14299	17257	28668	5849	1959	1060	1060	4274	1165	4282	412	2693	6362
6136	14141	17732	28905	5800	1940	1071	1071	4446	1151	4492	412	2756	6450
6137	14134	17338	26900	5929	2020	1087	1087	4164	1066	4500	412	2735	6350
6138	14306	15686	23692	5998	1903	1062	1062	4028	986	4224	383	2564	5988
6139	14337	14380	21872	5811	1972	1023	1023	3639	1037	3936	364	2405	5915
6140	14863	15495	22419	5908	1888	1007	1007	3776	1128	3843	345	2451	6049
6141	15165	13865	20528	6096	2035	1073	1073	3808	1004	3570	357	2208	5929
6142	13891	12436	19184	5759	1809	985	985	3589	926	3365	328	2025	5690
6143	13294	12016	18317	5420	1664	935	935	3456	870	3267	309	1968	5527
6144	12371	10873	16404	5223	1609	866	866	3191	811	3019	272	1766	5263
6145	11403	9563	14760	4785	1419	805	805	2901	739	2748	228	1716	5083
6146	10748	8670	13516	4407	1340	769	769	2591	706	2561	196	1467	4883
6147	10331	8092	12496	4202	1266	732	732	2419	667	2399	177	1496	4806
6148	10228	7986	12372	4151	1219	728	728	2361	678	2300	165	1418	4813
6149	10691	8669	12968	4154	1256	730	730	2443	760	2351	172	1464	5000
6150	12149	10544	15414	4480	1379	791	791	2825	878	2627	207	1620	5422

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6151	13219	11829	17356	5120	1624	904	904	3257	911	2958	274	1640	5652
6152	14092	12151	18367	5450	1691	942	942	3341	920	3151	299	1848	5761
6153	14614	12347	18695	5808	1723	974	974	3398	938	3248	303	1997	5941
6154	14831	13080	19832	6006	1714	1049	1049	3615	987	3273	321	2052	6081
6155	15014	14000	21801	6119	1725	1070	1070	3870	1024	3376	347	2100	6210
6156	14910	14460	23325	6060	1819	1063	1063	3956	1045	3543	366	2223	6150
6157	14506	15437	25037	6066	1806	1066	1066	4098	1097	3804	381	2376	6154
6158	14627	16541	26965	6010	1848	1051	1051	4215	1120	4140	400	2601	6135
6159	14348	17105	27866	5872	1909	1063	1063	4216	1095	4391	409	2799	6190
6160	14084	17370	27485	5781	1921	1063	1063	4200	1072	4516	418	2859	6173
6161	13963	16564	25218	5788	2025	1043	1043	4125	1004	4401	419	2752	6021
6162	14027	14843	21852	5810	1983	1024	1024	3907	950	4099	397	2535	5806
6163	13860	13537	20154	5697	1897	969	969	3620	969	3765	358	2417	5735
6164	13971	13904	20485	5742	1827	946	946	3589	1019	3659	333	2413	5751
6165	14049	12695	19163	5838	1839	983	983	3618	957	3414	336	2212	5699
6166	13302	12155	18540	5564	1707	937	937	3395	919	3291	310	2069	5642
6167	13088	11649	17637	5406	1646	915	915	3352	872	3229	299	2045	5461
6168	12298	10416	15872	5251	1551	869	869	3140	797	3017	276	1917	5120
6169	11319	9566	14494	4776	1447	814	814	2712	744	2794	233	1804	4971
6170	10642	8809	13189	4468	1346	772	772	2464	695	2611	200	1667	4825
6171	10231	8238	12146	4282	1247	752	752	2314	661	2458	181	1550	4735
6172	10078	7949	11707	4261	1214	730	730	2195	647	2332	165	1454	4682
6173	10254	8069	11757	4151	1213	722	722	2186	674	2287	161	1412	4748
6174	10815	8761	12560	4255	1255	749	749	2321	719	2344	175	1427	4905
6175	11675	9214	13117	4497	1365	800	800	2463	757	2385	204	1306	5085
6176	12234	10169	14818	4793	1487	844	844	2681	826	2667	228	1613	5292
6177	12728	10743	16179	4973	1564	864	864	2917	847	2944	260	1891	5365
6178	13591	10957	16517	5214	1611	924	924	2999	896	3047	270	1995	5490
6179	13945	11481	17644	5426	1659	951	951	3199	955	3121	291	2032	5660
6180	13709	11879	19063	5495	1681	956	956	3409	970	3296	313	2147	5745
6181	13232	12196	20538	5416	1665	949	949	3443	991	3503	328	2328	5687
6182	12951	12690	21749	5311	1659	917	917	3452	1012	3725	337	2536	5659
6183	12703	13131	22832	5179	1665	910	910	3443	1009	3912	342	2736	5652
6184	12581	13525	23691	5126	1710	920	920	3457	1019	3981	352	2842	5666
6185	12719	13781	22598	5186	1798	935	935	3480	1005	3983	363	2772	5666
6186	12916	13191	20559	5325	1878	942	942	3460	968	3781	369	2504	5501
6187	12943	12477	18841	5258	1879	922	922	3381	1034	3527	348	2367	5441
6188	13390	13475	19974	5378	1855	916	916	3583	1048	3459	334	2331	5537
6189	13573	12185	18074	5523	1864	970	970	3603	924	3235	353	2126	5513
6190	12624	10954	16597	5246	1709	926	926	3412	845	3067	311	2009	5368
6191	12263	10653	16167	4987	1573	863	863	2976	808	3027	272	1991	5322
6192	11605	9868	15066	4902	1513	843	843	2874	735	2872	261	1906	5168
6193	10966	9122	13745	4623	1430	789	789	2680	686	2661	225	1774	4977
6194	10407	8414	12649	4366	1329	758	758	2481	641	2479	195	1633	4832
6195	10030	7936	11810	4136	1244	732	732	2347	617	2303	173	1514	4751
6196	9807	7669	11281	4042	1212	703	703	2179	604	2164	158	1410	4682
6197	9875	7657	10967	4040	1208	703	703	2169	628	2073	152	1367	4725
6198	10249	8095	11263	4096	1241	721	721	2221	659	2057	160	1372	4799
6199	10955	8296	11141	4264	1296	759	759	2297	684	2042	180	1218	4841
6200	11666	9324	12704	4541	1398	803	803	2470	761	2333	198	1544	5087
6201	12028	10230	14584	4868	1486	847	847	2759	802	2756	232	1831	5261
6202	12450	10439	15620	4950	1505	860	860	2851	810	2969	245	1960	5305
6203	12794	10591	15875	5115	1531	871	871	2896	839	3018	249	2018	5412
6204	12733	10827	16689	5211	1547	878	878	2998	872	3158	259	2153	5474
6205	12684	11103	18030	5203	1582	886	886	3106	895	3396	281	2314	5492
6206	12535	11518	19453	5125	1622	874	874	3150	912	3646	288	2559	5490
6207	12423	11959	20874	5052	1596	874	874	3177	924	3898	295	2810	5537
6208	12408	12428	21910	5048	1628	893	893	3193	952	4026	302	2911	5601
6209	12577	12821	21939	5144	1672	898	898	3230	951	4028	323	2918	5619
6210	12902	12827	20615	5335	1765	932	932	3306	927	3915	324	2648	5489
6211	13082	12482	19576	5316	1828	928	928	3280	1034	3702	312	2480	5472
6212	13845	13261	20835	5528	1798	949	949	3577	1080	3652	305	2423	5748
6213	14315	12050	18887	5787	1875	1022	1022	3678	945	3367	344	2184	5698
6214	13094	10768	16563	5440	1709	946	946	3398	811	3104	307	1989	5363
6215	12019	10373	15755	4983	1496	857	857	2969	778	3002	253	1961	5250
6216	11437	9593	14932	4867	1384	826	826	2808	713	2920	236	1901	5056
6217	10704	8593	13465	4659	1325	770	770	2515	643	2502	202	1665	4843
6218	10149	7997	12467	4415	1248	736	736	2314	608	2278	179	1482	4716
6219	9872	7653	11808	4236	1196	713	713	2160	590	2101	165	1346	4660
6220	9872	7723	11615	4181	1147	709	709	2155	608	2010	158	1256	4673
6221	10328	8437	12460	4212	1191	712	712	2242	696	2064	169	1320	4850
6222	11808	9988	14569	4503	1325	783	783	2684	820	2369	206	1496	5302
6223	13123	11166	16464	5041	1506	881	881	3103	860	2717	264	1483	5587
6224	13351	11604	17720	5349	1588	907	907	3270	877	2951	288	1743	5620
6225	13660	11738	18325	5552	1597	920	920	3273	883	3108	290	1921	5700
6226	14014	12002	18747	5782	1617	966	966	3412	934	3155	302	1964	5841
6227	14308	12542	19937	5947	1651	985	985	3776	982	3246	336	2101	6007
6228	14359	12908	21333	5907	1684	997	997	3926	1011	3425	361	2270	6022
6229	14363	13583	23217	5898	1692	987	987	4050	1077	3646	379	2508	6072
6230	14398	14399	25096	5810	1751	974	974	4185	1125	3948	391	2761	6114
6231	14285	15179	25834	5762	1748	979	979	4271	1127	4261	399	2735	6153
6232	14199	15897	26279	5781	1838	989	989	4195	1113	4489	410	2657	6264

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6233	14353	15894	24973	5917	1951	1005	1005	4214	1045	4531	418	2536	6227
6234	14628	14980	22527	6140	1935	999	999	4148	986	4267	395	2319	5842
6235	14776	14188	21156	5923	1946	980	980	3885	1065	4001	361	2324	5786
6236	15448	14931	21554	6090	1987	981	981	4148	1158	3920	350	2303	5941
6237	15664	13236	19735	6239	2047	1062	1062	4152	1002	3532	375	2086	5802
6238	13875	11812	18369	5759	1805	973	973	3642	881	3244	331	1959	5614
6239	13126	11439	17713	5350	1598	906	906	3272	828	3125	290	1905	5468
6240	12322	10544	16188	5185	1541	857	857	3056	750	2857	264	1710	5193
6241	11335	9467	14330	4781	1423	799	799	2667	660	2529	221	1639	4925
6242	10726	8690	12397	4433	1313	766	766	2352	618	2274	189	1493	4777
6243	10314	8180	11742	4259	1280	740	740	2232	593	2109	172	1390	4717
6244	10205	8098	11470	4189	1230	731	731	2155	600	2012	164	1319	4721
6245	10669	8760	13161	4172	1267	741	741	2292	698	2086	175	1382	4929
6246	12233	10531	15470	4507	1390	809	809	2744	848	2450	215	1574	5424
6247	13467	11695	17640	5177	1607	910	910	3188	890	2877	282	1583	5678
6248	13935	12000	18905	5507	1679	934	934	3297	898	3079	301	1767	5739
6249	14114	12080	19316	5852	1714	951	951	3329	912	3200	306	1901	5865
6250	14308	12385	19724	6071	1713	979	979	3504	953	3239	321	1973	6020
6251	14515	12927	20920	6246	1808	992	992	3631	996	3300	346	2010	6160
6252	14478	13279	22163	6165	1808	999	999	3830	1032	3456	368	2096	6206
6253	14482	13994	23917	6214	1830	995	995	3916	1076	3684	381	2279	6256
6254	14636	14847	25672	6165	1919	991	991	3967	1142	3961	401	2539	6297
6255	14576	15493	27051	6100	1909	999	999	4015	1105	4185	411	2820	6292
6256	14549	16017	27366	6053	1910	1026	1026	3985	1107	4364	420	2984	6415
6257	14721	15752	25858	6182	2068	1039	1039	4008	1030	4321	427	2907	6365
6258	15031	14608	23301	6372	2094	1027	1027	3904	965	4097	426	2605	5938
6259	15000	13931	22066	6027	2001	995	995	3742	1018	3852	389	2568	5869
6260	15532	14786	22156	6189	1987	1007	1007	3967	1098	3762	379	2517	6066
6261	15456	13393	20519	6301	2164	1072	1072	3983	971	3481	408	2211	5895
6262	14021	12104	19331	5911	1886	981	981	3541	896	3292	344	1992	5678
6263	13383	11726	18607	5464	1627	922	922	3293	820	3198	300	1952	5493
6264	12596	10730	16843	5289	1513	868	868	3044	731	2898	267	1816	5204
6265	11432	9680	14968	4807	1384	803	803	2679	670	2611	224	1656	4932
6266	10830	8945	13714	4408	1315	764	764	2437	626	2378	191	1500	4740
6267	10310	8478	12831	4206	1248	735	735	2271	589	2190	172	1366	4674
6268	10225	8319	12568	4162	1224	727	727	2220	601	2083	165	1296	4689
6269	10695	8944	13301	4165	1267	732	732	2320	707	2115	172	1350	4892
6270	12205	10715	15729	4504	1373	789	789	2808	855	2451	213	1548	5406
6271	13474	11943	17865	5192	1585	905	905	3226	893	2858	282	1554	5675
6272	14051	12206	19086	5531	1641	931	931	3336	900	3081	301	1733	5729
6273	14142	12290	19502	5815	1650	943	943	3362	910	3229	305	1857	5824
6274	14240	12700	20220	5955	1659	968	968	3464	952	3285	316	1926	5927
6275	14405	13281	21725	6036	1701	974	974	3608	992	3342	336	1977	6022
6276	14398	13494	23188	5978	1729	980	980	3739	1022	3492	356	2021	6055
6277	14435	14292	24905	6033	1709	979	979	3846	1070	3737	375	2271	6097
6278	14397	15179	26646	6042	1763	980	980	4010	1100	4036	399	2546	6128
6279	14428	15997	27223	5980	1887	986	986	4155	1119	4284	407	2906	6177
6280	14364	16468	26945	5920	1969	1002	1002	4229	1110	4428	417	3049	6274
6281	14560	15989	25381	6010	2021	1008	1008	4233	1029	4448	426	2902	6213
6282	14914	14785	22910	6191	2049	997	997	4069	964	4224	399	2684	5937
6283	15148	14268	22012	5971	2046	985	985	3785	1024	4020	365	2698	5898
6284	15627	14951	22010	6134	1919	995	995	3971	1103	3908	368	2587	6074
6285	15616	13412	20501	6273	1957	1049	1049	3965	978	3606	389	2211	5917
6286	13953	12273	19498	5826	1743	975	975	3585	899	3386	335	1950	5678
6287	13376	11893	18678	5490	1621	923	923	3356	827	3279	301	1907	5504
6288	12324	10835	16940	5323	1536	871	871	3123	733	3090	270	1765	5194
6289	11384	9807	14965	4893	1432	811	811	2773	688	2777	228	1296	5001
6290	10735	9080	13585	4525	1354	763	763	2419	645	2547	199	1172	4876
6291	10311	8517	12635	4342	1309	749	749	2284	609	2346	180	1105	4790
6292	10240	8378	12400	4265	1265	725	725	2188	625	2233	171	729	4749
6293	10713	9072	13316	4248	1274	732	732	2362	723	2277	179	1129	4970
6294	12251	10815	15731	4575	1407	792	792	2779	866	2618	217	1574	5414
6295	13357	11959	17896	5238	1594	912	912	3246	896	2984	282	1585	5647
6296	14369	12162	18784	5555	1665	945	945	3384	905	3171	299	1779	5712
6297	14453	12259	19019	5985	1687	975	975	3404	919	3262	306	1906	5852
6298	14617	12600	19823	6165	1722	1012	1012	3566	961	3293	325	1943	5945
6299	14628	13170	20875	6245	1735	1022	1022	3780	997	3436	352	2043	6048
6300	14457	13553	21626	6162	1726	1030	1030	4065	1026	3572	373	2172	6056
6301	14369	14107	22566	6090	1701	1035	1035	4117	1080	3705	381	2362	6107
6302	14350	14723	23638	5940	1700	1026	1026	4293	1106	3906	397	2563	6146
6303	14240	15077	24139	5819	1743	1035	1035	4237	1090	4128	409	2705	6214
6304	14081	15311	24139	5806	1705	1038	1038	4446	1076	4313	410	2756	6286
6305	14083	14991	22902	5973	1744	1051	1051	4104	999	4312	408	2681	6220
6306	14381	13991	21196	6095	1709	1025	1025	3992	943	4055	381	2454	5928
6307	14649	13502	20650	5950	1730	998	998	3668	999	3857	356	2421	5908
6308	15616	14238	20940	6167	1706	1009	1009	3854	1055	3786	345	2412	6080
6309	15621	13085	19714	6279	1807	1070	1070	3875	960	3512	356	2133	5863
6310	13932	12195	18922	5836	1667	967	967	3525	904	3334	317	1927	5649
6311	13219	11777	17980	5458	1602	922	922	3384	838	3232	297	1833	5468
6312	12193	10628	15963	5270	1537	850	850	3097	770	2944	262	1555	5195
6313	11289	9500	14641	4855	1380	787	787	2786	691	2669	220	1342	5017
6314	10645	8662	13491	4490	1317	754	754	2450	660	2444	192	910	4866

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6315	10255	8089	12603	4296	1253	713	713	2303	617	2271	174	1001	4812
6316	10155	7986	12372	4248	1219	713	713	2220	628	2138	165	896	4806
6317	10668	8643	13140	4256	1254	713	713	2317	720	2186	174	1007	4992
6318	12171	10465	15497	4584	1373	782	782	2781	856	2516	209	1301	5416
6319	13248	11683	17435	5218	1575	895	895	3227	889	2888	270	1320	5616
6320	14600	11910	18250	5558	1658	936	936	3295	894	3109	289	1653	5779
6321	15014	12013	18455	5957	1684	958	958	3350	914	3231	296	1884	5982
6322	14998	12389	19039	6113	1661	1012	1012	3623	968	3255	313	1968	6097
6323	14974	12896	19917	6170	1669	1021	1021	3859	1010	3337	334	2013	6210
6324	14729	13158	20567	6082	1740	1012	1012	3938	1036	3467	349	2127	6113
6325	14341	13680	21377	6073	1712	1012	1012	4102	1094	3665	359	2288	6124
6326	14348	14195	22248	5989	1729	997	997	4210	1110	3920	373	2503	6134
6327	14049	14440	22596	5853	1760	999	999	4207	1078	4105	378	2696	6155
6328	13857	14571	22397	5804	1726	998	998	4180	1046	4221	385	2743	6134
6329	13780	14147	21258	5836	1830	988	988	4101	973	4166	383	2625	6002
6330	13922	13235	19693	5912	1781	965	965	3858	922	3909	365	2398	5781
6331	13894	12752	19192	5868	1730	937	937	3565	959	3658	334	2351	5734
6332	14207	13003	19277	5957	1685	935	935	3615	1002	3533	321	2307	5751
6333	14035	12230	18627	5926	1712	963	963	3605	933	3340	324	2109	5652
6334	13224	11910	18339	5621	1614	916	916	3333	892	3258	298	1982	5598
6335	13021	11476	17461	5467	1580	901	901	3288	837	3188	288	1953	5420
6336	12263	10363	15773	5311	1499	855	855	3050	752	2920	267	1735	5098
6337	11347	9470	14426	4836	1396	805	805	2677	710	2684	226	1723	4949
6338	10620	8757	13077	4508	1305	764	764	2450	663	2461	195	1589	4816
6339	10203	8220	12050	4323	1235	746	746	2298	631	2262	178	1484	4718
6340	10078	7949	11707	4326	1217	726	726	2186	626	2103	164	1407	4682
6341	10246	8096	11780	4225	1213	713	713	2189	654	2045	161	1377	4787
6342	10828	8809	12641	4336	1267	743	743	2318	707	2118	177	1420	4970
6343	11767	9277	13312	4595	1383	799	799	2487	741	2185	206	1306	5145
6344	12284	10137	14940	4895	1475	845	845	2685	803	2513	230	1584	5280
6345	12815	10612	16174	5056	1510	860	860	2872	820	2879	255	1829	5356
6346	13682	10796	16408	5337	1551	913	913	2940	853	3016	264	1921	5515
6347	13945	11172	17114	5586	1595	939	939	3137	894	3097	288	1948	5690
6348	13699	11396	17907	5658	1598	944	944	3298	900	3272	310	2042	5767
6349	13162	11587	18681	5550	1567	928	928	3322	912	3483	322	2202	5673
6350	12883	11901	19404	5411	1556	897	897	3309	926	3688	326	2392	5608
6351	12630	12115	19944	5277	1546	887	887	3310	920	3870	331	2555	5608
6352	12562	12412	20399	5228	1569	895	895	3341	931	3957	337	2649	5610
6353	12668	12624	19631	5296	1601	898	898	3367	926	3983	337	2581	5648
6354	12920	12286	18574	5454	1641	902	902	3345	909	3814	333	2343	5484
6355	13074	12043	17956	5448	1647	891	891	3316	986	3594	317	2289	5471
6356	13703	12731	18415	5646	1659	902	902	3603	968	3478	328	2216	5631
6357	13573	11657	17227	5630	1705	941	941	3575	878	3226	351	2031	5521
6358	12668	10753	16410	5297	1590	892	892	3326	819	3040	300	1934	5335
6359	12289	10514	16063	5062	1513	855	855	2928	780	2996	262	1915	5287
6360	11490	9741	14898	4975	1463	828	828	2822	707	2812	251	1827	5160
6361	11005	9026	13681	4680	1379	778	778	2649	671	2636	218	1702	4947
6362	10406	8366	12590	4406	1272	747	747	2457	633	2447	191	1570	4801
6363	10038	7909	11743	4175	1217	725	725	2331	610	2272	170	1459	4708
6364	9807	7669	11242	4077	1209	704	704	2200	604	2141	157	1379	4642
6365	9899	7657	10967	4057	1208	705	705	2169	627	2055	152	1345	4694
6366	10296	8103	11286	4125	1237	720	720	2245	657	2042	160	1367	4819
6367	11144	8396	11314	4351	1311	762	762	2337	678	2042	180	1218	4896
6368	11858	9292	12728	4652	1410	807	807	2459	746	2301	197	1510	5111
6369	12145	10122	14511	4966	1467	846	846	2731	784	2708	227	1768	5260
6370	12581	10289	15448	5040	1483	855	855	2820	790	2921	239	1884	5291
6371	12826	10482	15681	5174	1500	865	865	2857	811	2969	243	1922	5368
6372	12720	10724	16465	5246	1498	871	871	2943	832	3110	249	2021	5422
6373	12642	10991	17730	5235	1510	875	875	3019	850	3346	265	2139	5431
6374	12471	11387	19132	5165	1521	865	865	3042	860	3587	269	2324	5417
6375	12348	11803	20614	5102	1514	864	864	3066	870	3820	275	2495	5466
6376	12323	12309	21477	5100	1512	875	875	3075	898	3955	280	2563	5531
6377	12466	12772	21484	5179	1531	879	879	3128	903	3955	295	2558	5539
6378	12772	12833	20322	5345	1561	901	901	3217	899	3833	295	2358	5440
6379	13127	12929	20149	5393	1599	905	905	3280	1014	3684	290	2310	5490
6380	14157	13875	21504	5690	1628	937	937	3653	1025	3596	298	2230	5750
6381	14315	12242	19083	5787	1672	985	985	3678	903	3293	331	2048	5629
6382	13075	10662	16418	5450	1567	917	917	3367	793	3039	294	1905	5341
6383	12104	10221	15537	5061	1469	850	850	2932	761	2952	247	1882	5243
6384	11495	9467	14646	4950	1364	819	819	2769	700	2853	231	1827	5035
6385	10648	8473	13224	4635	1302	758	758	2477	635	2467	197	1591	4830
6386	10087	7888	12241	4376	1217	731	731	2287	606	2258	175	1432	4709
6387	9872	7653	11682	4212	1173	710	710	2177	590	2095	161	1318	4660
6388	9955	7762	11615	4196	1147	709	709	2155	618	2010	158	1252	4681
6389	10558	8554	12663	4261	1201	721	721	2250	711	2076	172	1339	4870
6390	12293	10276	15151	4627	1346	798	798	2745	840	2404	214	1551	5335
6391	13461	11473	17239	5307	1532	903	903	3190	874	2806	276	1558	5600
6392	14277	11685	18137	5616	1620	938	938	3294	880	3009	294	1758	5628
6393	14462	11786	18407	5964	1629	952	952	3302	889	3135	298	1893	5717
6394	14448	12376	19126	6098	1623	989	989	3483	945	3172	309	1937	5849
6395	14439	13098	20283	6155	1631	994	994	3819	991	3223	332	1979	6019
6396	14343	13399	21405	6032	1629	997	997	3893	1017	3346	346	2073	6024

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6397	14273	14195	22907	6030	1639	985	985	4004	1086	3511	353	2204	6061
6398	14275	15049	24402	5969	1639	975	975	4147	1131	3730	363	2380	6108
6399	14136	15657	24768	5926	1622	976	976	4249	1133	3913	367	2499	6143
6400	14047	16216	24971	5942	1650	979	979	4250	1118	4034	371	2535	6264
6401	14167	15943	23585	6054	1707	993	993	4193	1028	4023	375	2457	6240
6402	14375	14833	21500	6243	1678	978	978	4084	970	3838	358	2275	5857
6403	14705	14639	20873	6103	1707	972	972	3877	1056	3666	336	2295	5878
6404	15469	15484	20902	6322	1753	994	994	4070	1100	3573	336	2231	6075
6405	15285	13307	19300	6263	1790	1038	1038	4009	962	3341	349	2047	5833
6406	13888	11742	18338	5856	1646	957	957	3541	879	3203	316	1940	5610
6407	13362	11365	17531	5553	1558	912	912	3282	821	3132	293	1888	5466
6408	12405	10478	15901	5347	1488	856	856	3047	750	2875	261	1740	5168
6409	11334	9392	14914	4847	1349	783	783	2664	657	2519	218	1617	4917
6410	10704	8694	13292	4454	1251	751	751	2354	617	2277	190	1479	4782
6411	10276	8181	12745	4259	1230	720	720	2230	593	2116	172	1368	4717
6412	10205	8098	12511	4184	1201	711	711	2155	602	2012	164	1300	4721
6413	10791	8783	13870	4172	1241	727	727	2281	701	2084	175	1370	4934
6414	12484	10511	15769	4544	1372	799	799	2723	842	2464	214	1568	5436
6415	13576	11605	17500	5290	1586	906	906	3167	872	2867	279	1563	5659
6416	14257	11797	18290	5637	1642	934	934	3255	875	3010	295	1716	5716
6417	14265	11876	18492	5955	1646	950	950	3287	896	3086	301	1828	5794
6418	14262	12291	19016	6093	1639	966	966	3458	942	3104	310	1880	5902
6419	14272	12902	20205	6160	1664	978	978	3581	989	3163	325	1913	6003
6420	14148	13313	21346	6041	1656	974	974	3825	1027	3288	338	1971	6039
6421	14074	14163	22904	6045	1656	969	969	3877	1073	3469	347	2090	6069
6422	14093	15062	24394	6025	1666	958	958	3933	1142	3723	359	2255	6075
6423	14054	15604	25473	5939	1666	963	963	4008	1089	3953	363	2421	6099
6424	14039	16017	25680	5892	1665	972	972	3984	1085	4161	366	2490	6170
6425	14201	15617	24209	6011	1702	981	981	3998	1002	4131	366	2421	6116
6426	14545	14419	21920	6222	1712	978	978	3890	953	3908	365	2238	5823
6427	14775	14222	21487	6071	1705	970	970	3774	1016	3726	347	2291	5832
6428	15377	15058	21464	6372	1738	991	991	4015	1086	3611	353	2220	5989
6429	15046	13308	19661	6316	1798	1028	1028	4001	944	3317	366	2017	5806
6430	13873	11857	18491	5909	1701	956	956	3501	871	3138	322	1883	5654
6431	13445	11476	17850	5547	1597	913	913	3250	790	3029	295	1835	5460
6432	12478	10467	16412	5351	1508	850	850	3013	700	2668	262	1723	5144
6433	11386	9508	14610	4847	1347	783	783	2655	663	2533	223	1573	4899
6434	10767	8827	13530	4411	1263	746	746	2453	620	2333	192	1441	4729
6435	10260	8385	12759	4206	1216	711	711	2273	589	2174	175	1340	4674
6436	10225	8281	12568	4169	1210	702	702	2220	602	2083	165	1296	4706
6437	10769	8923	13281	4162	1265	720	720	2329	703	2135	175	1366	4907
6438	12445	10629	15527	4530	1391	779	779	2782	836	2430	216	1550	5420
6439	13672	11695	17376	5318	1606	904	904	3189	864	2785	281	1548	5629
6440	14332	11816	18256	5674	1682	936	936	3270	867	2948	297	1703	5698
6441	14303	12018	18517	5950	1680	945	945	3290	880	3040	302	1827	5778
6442	14309	12776	19203	6052	1674	963	963	3424	923	3070	310	1879	5850
6443	14347	13473	20369	6102	1696	963	963	3567	963	3143	323	1907	5921
6444	14285	13673	21365	6037	1690	965	965	3693	985	3315	335	1935	5930
6445	14253	14612	22498	6069	1667	955	955	3790	1036	3566	347	2091	5966
6446	14195	15462	23651	6050	1678	955	955	3931	1070	3872	361	2250	5985
6447	14208	16089	23954	6000	1717	956	956	4037	1091	4122	368	2465	6040
6448	14215	16468	23658	5953	1748	966	966	4077	1081	4260	375	2552	6130
6449	14463	15831	22310	6064	1779	973	973	4074	1001	4297	381	2463	6089
6450	14803	14609	20641	6282	1788	968	968	3879	944	4035	363	2339	5843
6451	15184	14829	20559	6156	1829	961	961	3697	1056	3933	342	2388	5885
6452	15627	15650	20409	6365	1790	999	999	3943	1119	3801	358	2295	6021
6453	15268	13399	19177	6309	1832	1049	1049	3909	960	3420	370	2059	5807
6454	13984	11849	18481	5902	1686	970	970	3514	866	3171	324	1897	5625
6455	13549	11488	17685	5617	1615	914	914	3272	802	3057	296	1866	5437
6456	12386	10506	16086	5407	1524	862	862	3047	720	2871	268	1752	5108
6457	11349	9544	14450	4932	1409	799	799	2714	678	2639	226	1273	4959
6458	10664	8913	13301	4545	1322	758	758	2391	638	2457	197	1137	4853
6459	10256	8403	12543	4358	1271	737	737	2269	609	2303	179	1100	4778
6460	10240	8303	12400	4260	1233	719	719	2188	624	2233	171	729	4742
6461	10816	9007	13232	4248	1266	728	728	2363	715	2281	180	1157	4954
6462	12545	10663	15417	4609	1391	796	796	2765	844	2584	219	1600	5392
6463	13653	11594	17156	5368	1568	913	913	3206	868	2884	279	1479	5592
6464	14851	11681	17648	5701	1751	953	953	3293	872	2995	293	1747	5654
6465	14745	12106	17928	6035	1769	975	975	3313	891	3040	302	1831	5741
6466	14730	12788	18879	6150	1802	1001	1001	3436	943	3087	318	1871	5786
6467	14595	13728	19992	6189	1793	1004	1004	3609	981	3281	338	1979	5846
6468	14386	14073	20611	6106	1727	997	997	3831	1019	3407	353	2115	5840
6469	14229	14623	21458	6031	1681	994	994	3832	1082	3542	352	2287	5902
6470	14124	15117	22457	5898	1652	980	980	3963	1106	3771	358	2438	5928
6471	13985	15293	22846	5823	1685	982	982	3921	1095	4019	365	2536	5970
6472	13912	15311	22726	5845	1629	977	977	4110	1068	4260	361	2532	6027
6473	13990	14692	21435	6000	1656	983	983	3845	975	4313	359	2444	5982
6474	14213	13451	19543	6174	1639	974	974	3732	920	3983	341	2267	5804
6475	14746	13582	19657	6154	1649	967	967	3556	1024	3870	328	2345	5862
6476	15621	14861	19892	6363	1661	997	997	3746	1092	3776	331	2262	5975
6477	15273	12914	18487	6278	1777	1029	1029	3744	958	3395	336	1999	5753
6478	13920	11628	17674	5874	1619	947	947	3415	871	3137	304	1835	5591

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6479	13410	11173	16807	5595	1563	917	917	3289	815	3008	290	1700	5430
6480	12371	10059	15055	5374	1458	843	843	3035	758	2775	255	1358	5178
6481	11278	9176	14026	4907	1354	780	780	2700	685	2561	215	1291	4904
6482	10579	8480	13055	4499	1298	747	747	2428	657	2373	189	896	4753
6483	10233	8023	12372	4292	1245	703	703	2300	617	2234	172	1008	4721
6484	10155	7986	12253	4248	1232	708	708	2220	630	2138	165	932	4719
6485	10772	8650	13052	4258	1270	711	711	2356	715	2191	176	1059	4940
6486	12427	10278	15110	4629	1392	786	786	2753	840	2480	210	1356	5411
6487	13490	11236	16701	5349	1545	897	897	3188	867	2798	267	1354	5630
6488	14761	11326	17150	5744	1830	960	960	3225	870	2947	281	1609	5786
6489	15037	11636	17412	6258	1828	983	983	3273	894	3032	292	1780	5936
6490	14912	12264	18260	6395	1753	1017	1017	3470	952	3051	308	1836	6022
6491	14741	12936	19325	6417	1717	1021	1021	3641	997	3160	325	1886	6124
6492	14396	13100	19986	6267	1782	1002	1002	3681	1030	3315	332	1986	6055
6493	14081	13499	20856	6243	1688	996	996	3785	1088	3553	336	2123	6061
6494	13981	13996	21754	6111	1700	979	979	3850	1110	3843	340	2313	6049
6495	13745	14083	21981	5955	1669	972	972	3838	1069	4068	342	2511	6035
6496	13636	14089	21544	5907	1629	959	959	3791	1035	4221	345	2536	6028
6497	13642	13690	20023	5947	1733	955	955	3730	954	4178	344	2437	5938
6498	13809	12648	18358	6096	1709	940	940	3551	904	3867	330	2233	5775
6499	13962	12664	18309	6177	1675	926	926	3417	968	3604	310	2257	5780
6500	14258	13115	18378	6340	1635	938	938	3485	1001	3423	310	2167	5782
6501	13993	11861	17510	6179	1670	956	956	3443	915	3172	310	1963	5659
6502	13399	11292	17155	5793	1573	913	913	3252	868	3058	287	1843	5608
6503	13212	10965	16444	5590	1539	898	898	3205	818	3000	279	1803	5490
6504	12328	10033	14994	5408	1461	853	853	2998	744	2794	259	1554	5125
6505	11433	9171	13812	4916	1365	804	804	2647	687	2559	220	1577	4969
6506	10623	8487	12720	4509	1282	763	763	2389	640	2386	191	1464	4846
6507	10226	8012	11975	4289	1221	744	744	2237	610	2218	174	1377	4735
6508	10081	7787	11707	4303	1190	728	728	2128	606	2088	163	1323	4708
6509	10331	7999	11830	4238	1225	713	713	2141	633	2045	161	1303	4826
6510	10995	8719	12608	4370	1295	750	750	2289	695	2131	179	1363	5019
6511	12079	9256	13198	4704	1405	804	804	2512	725	2210	208	1263	5214
6512	12533	9932	14447	5049	1470	853	853	2706	784	2476	232	1495	5325
6513	13301	10231	15220	5195	1506	871	871	2852	799	2752	253	1687	5397
6514	14112	10589	15534	5580	1595	925	925	2924	832	2826	261	1747	5572
6515	14215	10997	16718	5831	1637	943	943	3065	866	2940	280	1776	5735
6516	13759	11097	17709	5827	1616	939	939	3154	864	3143	294	1867	5767
6517	13252	11157	18461	5676	1542	915	915	3137	868	3365	298	2022	5672
6518	12912	11310	19230	5510	1522	888	888	3105	874	3564	296	2202	5604
6519	12706	11377	19718	5368	1500	877	877	3091	867	3744	295	2346	5590
6520	12649	11600	20399	5315	1505	881	881	3073	869	3825	295	2411	5585
6521	12722	11803	19339	5382	1524	886	886	3098	869	3822	296	2357	5631
6522	12905	11614	18156	5554	1565	893	893	3080	870	3660	291	2155	5513
6523	13264	12022	18615	5652	1574	885	885	3142	957	3523	286	2199	5552
6524	13962	12731	19552	5971	1625	913	913	3297	922	3364	304	2086	5669
6525	13621	11423	17218	5766	1691	933	933	3239	841	3063	314	1874	5526
6526	12840	10420	15485	5419	1557	889	889	3083	795	2852	280	1762	5360
6527	12508	10159	15100	5180	1483	859	859	2869	751	2806	256	1740	5316
6528	11524	9465	14206	5075	1434	830	830	2788	672	2642	246	1672	5180
6529	11078	8752	13113	4733	1351	780	780	2589	651	2479	213	1567	4950
6530	10431	8119	12194	4424	1264	745	745	2366	614	2325	186	1460	4793
6531	10056	7693	11492	4182	1214	724	724	2235	594	2180	167	1377	4706
6532	9814	7489	11059	4068	1238	705	705	2109	590	2070	154	1320	4642
6533	9965	7505	10967	4057	1229	709	709	2088	615	2000	152	1303	4717
6534	10471	7993	11364	4146	1267	724	724	2168	650	2007	163	1338	4874
6535	11467	8429	11465	4443	1336	773	773	2306	673	2036	184	1218	4989
6536	12199	9223	12574	4793	1426	820	820	2441	729	2230	207	1439	5183
6537	12466	9900	13955	5106	1455	853	853	2694	756	2543	230	1624	5294
6538	12957	10014	14620	5204	1493	863	863	2768	762	2692	236	1700	5360
6539	13175	10255	14792	5397	1507	874	874	2792	776	2732	240	1743	5492
6540	12985	10458	15405	5540	1481	878	878	2834	788	2888	243	1854	5572
6541	12859	10649	16376	5532	1491	879	879	2868	796	3110	253	1974	5574
6542	12674	10924	17335	5410	1486	869	869	2867	795	3313	252	2167	5534
6543	12550	11172	18316	5307	1468	865	865	2869	798	3529	253	2333	5583
6544	12506	11505	19070	5306	1455	872	872	2867	813	3649	254	2398	5633
6545	12642	11951	19179	5430	1464	873	873	2915	819	3675	263	2401	5616
6546	12962	12164	18624	5654	1477	892	892	2996	832	3578	264	2227	5501
6547	13465	13062	20234	5757	1508	904	904	3138	941	3573	265	2308	5613
6548	14529	13875	21504	6125	1568	945	945	3378	932	3473	285	2174	5893
6549	14262	12047	18740	6048	1629	981	981	3353	845	3101	309	1907	5699
6550	13021	10402	15743	5608	1525	912	912	3140	762	2805	278	1723	5358
6551	12348	9934	14677	5179	1445	855	855	2849	734	2707	241	1693	5246
6552	11627	9219	14020	5058	1330	823	823	2723	675	2619	227	1655	5018
6553	10657	8350	13006	4709	1273	754	754	2447	625	2335	192	1480	4803
6554	10068	7837	12076	4408	1213	733	733	2278	604	2175	171	1368	4693
6555	9872	7613	11619	4213	1171	710	710	2135	590	2055	160	1289	4660
6556	9968	7711	11615	4196	1173	714	714	2129	620	2010	158	1252	4677
6557	10629	8445	12617	4241	1233	728	728	2249	711	2080	174	1351	4880
6558	12462	10117	14890	4565	1373	804	804	2725	825	2370	218	1532	5349
6559	13595	11203	16739	5237	1519	908	908	3149	847	2684	278	1535	5598
6560	14952	11313	17380	5553	1785	957	957	3197	849	2817	295	1653	5647

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6561	15101	11559	17658	5818	1751	972	972	3223	860	2884	306	1730	5772
6562	14918	12432	18694	6062	1681	1001	1001	3407	898	2901	320	1760	5938
6563	14703	13235	20167	6249	1672	1004	1004	3606	922	2983	343	1787	6106
6564	14471	13494	21471	6142	1633	996	996	3689	935	3144	352	1861	6066
6565	14280	14277	23144	6129	1615	984	984	3733	977	3347	352	1994	6076
6566	14173	15015	24747	6009	1573	971	971	3798	995	3607	355	2189	6087
6567	13959	15500	24951	5920	1564	964	964	3846	995	3836	355	2346	6117
6568	13873	15916	24971	5913	1556	962	962	3806	986	4012	359	2391	6237
6569	14003	15635	23163	6052	1593	969	969	3765	937	4011	363	2269	6170
6570	14265	14603	20900	6285	1589	963	963	3690	912	3786	347	2101	5823
6571	14896	15391	21051	6274	1634	964	964	3689	1011	3672	332	2211	5924
6572	15960	16216	20895	6608	1729	1011	1011	3905	1038	3529	350	2118	6087
6573	15410	13325	18742	6376	1790	1038	1038	3817	919	3167	363	1900	5800
6574	13911	11359	17477	5866	1600	955	955	3421	847	2950	314	1766	5599
6575	13393	11000	16768	5540	1520	913	913	3191	797	2868	287	1721	5439
6576	12300	10172	15354	5303	1434	857	857	2961	731	2659	253	1595	5129
6577	11269	9163	13343	4815	1318	774	774	2590	647	2341	211	1448	4969
6578	10676	8563	12193	4449	1251	738	738	2322	613	2160	185	1319	4840
6579	10238	8094	11512	4266	1214	714	714	2184	593	2031	170	1231	4797
6580	10205	8032	11365	4172	1201	711	711	2131	607	1955	164	1188	4789
6581	10905	8697	12255	4192	1254	727	727	2293	703	2027	179	1288	4991
6582	12665	10385	14681	4601	1391	801	801	2726	830	2376	219	1489	5435
6583	13752	11398	16714	5362	1539	910	910	3158	848	2718	279	1481	5635
6584	15106	11506	17573	5738	1793	967	967	3199	851	2813	294	1591	5715
6585	14998	11629	17800	6108	1798	991	991	3243	867	2856	308	1671	5802
6586	14677	12123	18470	6224	1725	999	999	3413	898	2867	318	1702	5918
6587	14603	12836	19872	6262	1715	1007	1007	3512	927	2944	332	1757	6024
6588	14311	13238	21078	6118	1656	992	992	3709	949	3091	339	1820	6023
6589	14158	14093	22786	6087	1612	978	978	3714	982	3301	341	1978	6052
6590	14062	15113	24467	5999	1583	961	961	3728	1030	3584	348	2194	6085
6591	13953	15649	25637	5900	1573	958	958	3768	986	3863	349	2399	6117
6592	13930	16017	25680	5839	1567	962	962	3737	971	4110	356	2490	6207
6593	14089	15563	23953	5953	1591	967	967	3744	917	4105	360	2376	6136
6594	14544	14336	21376	6210	1595	968	968	3639	906	3834	350	2171	5848
6595	15244	15031	21702	6228	1595	972	972	3683	981	3717	337	2399	5930
6596	16162	15690	21358	6625	1675	1023	1023	3883	1030	3536	355	2233	6062
6597	15453	13354	19113	6375	1746	1050	1050	3845	910	3141	366	1906	5801
6598	13961	11560	17784	5946	1633	957	957	3408	846	2908	314	1705	5629
6599	13473	11200	16988	5595	1534	910	910	3191	773	2802	286	1653	5438
6600	12490	10226	15214	5398	1443	839	839	2944	693	2501	251	1530	5171
6601	11272	9103	13294	4869	1317	776	776	2547	656	2234	215	1367	4982
6602	10629	8344	12032	4420	1241	743	743	2357	619	2024	187	1234	4851
6603	10286	7892	11186	4202	1210	706	706	2182	589	1862	172	1142	4783
6604	10225	7837	11073	4162	1219	702	702	2126	611	1793	165	1116	4802
6605	10902	8536	12000	4180	1286	723	723	2262	702	1870	178	1220	4979
6606	12669	10367	14672	4565	1412	790	790	2743	826	2228	220	1433	5420
6607	13853	11494	16798	5385	1559	909	909	3160	843	2619	280	1426	5607
6608	15334	11586	17677	5798	1904	960	960	3203	845	2761	295	1551	5688
6609	15059	11792	17947	6207	1774	967	967	3253	855	2832	309	1653	5744
6610	14840	12554	18705	6352	1659	977	977	3424	882	2849	320	1697	5836
6611	14745	13278	20034	6419	1675	966	966	3592	906	2940	332	1727	5913
6612	14563	13457	21110	6267	1651	964	964	3727	915	3130	342	1742	5927
6613	14448	14465	22316	6241	1610	949	949	3972	941	3396	346	1911	5969
6614	14309	15411	23597	6172	1620	947	947	3984	960	3711	358	2131	6001
6615	14282	16089	23954	6095	1640	944	944	4008	975	3964	366	2418	6046
6616	14257	16468	23592	6073	1671	949	949	4020	973	4132	372	2552	6161
6617	14633	15768	22054	6234	1699	953	953	3973	927	4155	379	2420	6128
6618	15042	14519	20168	6584	1740	954	954	3708	896	3870	359	2325	5890
6619	15855	15682	20523	6619	1787	956	956	3722	1002	3866	341	2548	6057
6620	16659	15981	20127	6894	1809	1014	1014	4077	1037	3677	370	2356	6152
6621	15885	13468	18679	6609	1866	1049	1049	4006	916	3232	381	1997	5838
6622	14118	11630	17896	6038	1672	960	960	3480	843	2947	320	1743	5599
6623	13568	11257	16996	5670	1558	912	912	3197	785	2826	287	1689	5460
6624	12254	10262	15181	5435	1492	855	855	2963	711	2614	258	1565	5178
6625	11323	9336	13460	4946	1386	796	796	2630	657	2265	218	1138	4927
6626	10622	8694	12163	4566	1294	762	762	2321	616	2027	192	1050	4826
6627	10269	8171	11390	4385	1261	733	733	2225	593	1853	177	1038	4742
6628	10258	8081	11265	4285	1233	719	719	2162	605	1777	171	729	4742
6629	10893	8813	12218	4248	1286	730	730	2317	704	1856	182	1156	4955
6630	12700	10505	14769	4614	1414	800	800	2753	830	2270	222	1554	5417
6631	13902	11462	16847	5397	1547	905	905	3179	849	2687	277	1457	5614
6632	15866	11553	17387	5804	1797	969	969	3220	850	2818	292	1640	5728
6633	15458	11977	17557	6228	1790	996	996	3255	868	2885	310	1692	5831
6634	15207	12704	18095	6308	1742	1024	1024	3439	906	2896	326	1731	5896
6635	14861	13643	18781	6363	1704	1023	1023	3631	931	2990	341	1841	5932
6636	14509	13927	19217	6229	1630	1006	1006	3802	953	3168	355	1994	5893
6637	14312	14540	19802	6147	1599	999	999	3860	996	3394	360	2204	5955
6638	14140	15167	20518	5970	1581	978	978	3985	1012	3681	361	2371	5976
6639	13974	15311	20819	5899	1613	968	968	3931	1012	3970	365	2515	6017
6640	13898	15302	20728	5923	1574	963	963	4000	1002	4136	357	2506	6087
6641	14036	14492	19888	6117	1599	964	964	3863	930	4147	354	2396	6039
6642	14300	13314	18709	6454	1595	950	950	3695	900	3888	340	2249	5888



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6643	15274	14357	19025	6634	1609	958	958	3646	1005	3825	333	2512	6020
6644	16579	15172	18921	6902	1659	1018	1018	3881	1051	3633	358	2302	6063
6645	15749	12915	17962	6600	1746	1041	1041	3833	927	3246	357	1947	5770
6646	14016	11480	17442	6048	1593	941	941	3388	850	2991	305	1700	5602
6647	13458	11024	16482	5638	1541	906	906	3213	796	2862	284	1598	5430
6648	12404	9872	14515	5451	1457	832	832	2967	738	2589	253	1304	5182
6649	11256	8897	13430	4934	1331	772	772	2634	673	2328	215	1223	4903
6650	10576	8196	12321	4538	1280	745	745	2385	646	2101	190	896	4756
6651	10224	7750	11535	4339	1250	703	703	2251	610	1942	176	1031	4719
6652	10155	7730	11316	4286	1232	708	708	2184	626	1833	170	988	4726
6653	10815	8450	12273	4290	1274	719	719	2329	712	1901	182	1133	4938
6654	12558	10133	14595	4667	1408	789	789	2729	828	2256	217	1407	5432
6655	13727	11085	16408	5407	1536	892	892	3132	847	2651	269	1402	5670
6656	15771	11191	16943	5851	1830	963	963	3156	850	2792	285	1576	5873
6657	16145	11558	17180	6453	1812	993	993	3236	868	2868	305	1692	5991
6658	15837	12314	18004	6611	1730	1021	1021	3474	908	2886	324	1724	6091
6659	15463	13009	19008	6557	1658	1024	1024	3670	940	2982	342	1782	6155
6660	14940	13144	19697	6348	1688	996	996	3725	959	3114	345	1873	6020
6661	14513	13623	20610	6289	1628	986	986	3804	1000	3328	343	2007	6030
6662	14207	14089	21485	6211	1618	967	967	3850	1016	3593	342	2189	5982
6663	13926	14060	21710	6020	1582	957	957	3802	985	3790	341	2385	5938
6664	13788	13953	21210	5948	1582	944	944	3731	959	3918	341	2417	5938
6665	13803	13541	19773	6010	1623	944	944	3640	900	3871	336	2309	5918
6666	14113	12435	18107	6215	1617	929	929	3436	875	3573	320	2142	5791
6667	14563	13081	18355	6459	1613	924	924	3383	934	3399	303	2248	5880
6668	15000	13225	18133	6598	1602	952	952	3474	945	3194	313	2086	5840
6669	14348	11760	17272	6254	1610	962	962	3378	884	2965	308	1861	5673
6670	13540	11102	16966	5860	1547	910	910	3171	846	2878	283	1727	5617
6671	13316	10757	16129	5642	1522	893	893	3124	802	2798	275	1690	5510
6672	12482	9847	14508	5477	1442	851	851	2907	731	2506	253	1441	5136
6673	11460	8915	13389	4964	1350	803	803	2575	677	2329	216	1425	4981
6674	10604	8178	12119	4524	1278	766	766	2358	638	2139	188	1290	4854
6675	10244	7699	11222	4305	1232	741	741	2211	606	1974	172	1194	4734
6676	10081	7469	10859	4335	1190	730	730	2128	606	1827	163	1140	4708
6677	10419	7717	11006	4267	1223	713	713	2146	635	1788	164	1133	4843
6678	11271	8512	11919	4413	1305	747	747	2293	695	1908	182	1226	5047
6679	12454	9116	12725	4781	1419	806	806	2540	724	2031	211	1116	5273
6680	12813	9769	14051	5156	1462	855	855	2682	766	2291	234	1371	5360
6681	14211	10064	14903	5301	1567	883	883	2782	780	2558	248	1572	5457
6682	15341	10432	15304	5728	1686	969	969	2885	812	2624	260	1631	5647
6683	15237	10780	16701	5946	1704	999	999	3043	838	2730	282	1667	5814
6684	14533	10852	17833	5899	1628	991	991	3119	829	2924	290	1764	5818
6685	13802	10906	18623	5712	1549	948	948	3082	831	3143	288	1924	5703
6686	13244	10979	19433	5519	1510	901	901	3030	831	3363	282	2142	5639
6687	12989	11038	19773	5393	1481	882	882	2982	825	3550	281	2339	5606
6688	12900	11225	20399	5341	1469	885	885	2954	828	3649	279	2411	5610
6689	13007	11408	19192	5408	1479	891	891	2966	832	3660	280	2354	5665
6690	13379	11312	18038	5599	1507	906	906	2951	848	3513	279	2151	5591
6691	14172	12190	19858	5831	1521	908	908	3118	957	3503	277	2292	5704
6692	15059	12482	20301	6118	1612	974	974	3297	910	3249	311	2047	5743
6693	14310	11129	17366	5825	1674	983	983	3217	825	2902	317	1785	5558
6694	13146	10224	15222	5467	1540	903	903	3033	773	2653	277	1647	5382
6695	12710	9981	14734	5252	1463	859	859	2798	733	2600	250	1620	5333
6696	11582	9244	13680	5127	1414	825	825	2705	661	2394	240	1535	5172
6697	11124	8487	12574	4830	1333	774	774	2519	639	2203	209	1443	4958
6698	10446	7838	11572	4556	1253	734	734	2319	607	2008	184	1335	4797
6699	10074	7394	10778	4334	1214	722	722	2227	586	1849	167	1253	4706
6700	9881	7192	10319	4229	1239	705	705	2096	588	1726	156	1201	4642
6701	10067	7254	10186	4238	1226	713	713	2088	614	1650	156	1190	4720
6702	10676	7792	10758	4345	1266	734	734	2165	652	1707	168	1239	4888
6703	11851	8310	10993	4635	1371	780	780	2326	672	1755	190	1113	5039
6704	12491	9062	12116	4974	1425	831	831	2455	717	1979	213	1332	5191
6705	12816	9728	13592	5205	1479	857	857	2645	736	2316	228	1509	5293
6706	13463	9834	14263	5305	1539	874	874	2689	743	2480	230	1578	5347
6707	13644	10043	14443	5457	1531	890	890	2715	756	2523	235	1606	5459
6708	13308	10174	15060	5561	1468	893	893	2752	765	2669	236	1686	5525
6709	13082	10308	15956	5524	1461	892	892	2767	769	2901	243	1815	5510
6710	12858	10532	16885	5401	1449	877	877	2754	765	3116	241	2026	5469
6711	12699	10746	17809	5318	1430	871	871	2751	767	3344	240	2204	5503
6712	12653	11079	18509	5304	1425	876	876	2749	779	3489	241	2316	5556
6713	12783	11568	18558	5398	1428	877	877	2796	786	3603	248	2320	5567
6714	13162	11896	18181	5608	1436	907	907	2862	816	3542	250	2195	5504
6715	14057	13441	20800	5819	1465	931	931	3108	941	3675	254	2401	5691
6716	15450	13875	21504	6163	1565	1016	1016	3378	919	3479	290	2143	5893
6717	14921	11936	18347	6033	1633	1045	1045	3298	820	2998	309	1811	5675
6718	13395	10284	15218	5642	1501	945	945	3085	740	2619	273	1597	5364
6719	12564	9768	14281	5252	1426	860	860	2780	711	2496	234	1563	5255
6720	11840	9070	13413	5138	1330	830	830	2651	653	2382	220	1518	5035
6721	10711	8079	11877	4725	1283	751	751	2424	627	1997	187	1308	4868
6722	10101	7548	10879	4411	1207	726	726	2258	606	1826	167	1192	4755
6723	9956	7325	10389	4222	1171	710	710	2134	592	1698	158	1120	4718
6724	10074	7432	10449	4212	1207	711	711	2129	622	1662	158	1097	4749

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6725	10926	8250	11613	4274	1265	734	734	2269	712	1740	176	1216	4953
6726	12878	9988	14205	4642	1402	801	801	2721	808	2115	220	1429	5416
6727	14039	11104	16254	5358	1523	915	915	3103	822	2485	278	1427	5631
6728	15630	11178	16861	5676	1874	990	990	3126	827	2625	296	1540	5694
6729	15609	11482	17184	5928	1790	1004	1004	3185	837	2692	312	1623	5827
6730	15219	12220	18392	6109	1712	1023	1023	3395	874	2711	325	1649	5993
6731	14866	13049	19928	6238	1671	1017	1017	3566	891	2816	336	1691	6152
6732	14536	13251	21178	6128	1611	1003	1003	3610	899	3001	338	1769	6076
6733	14336	13877	22795	6102	1579	981	981	3567	932	3222	335	1903	6094
6734	14177	14518	24472	5994	1548	970	970	3610	939	3506	336	2090	6129
6735	14014	14937	24971	5920	1544	958	958	3626	940	3777	337	2246	6154
6736	13954	15294	24912	5883	1534	957	957	3557	947	4005	341	2331	6236
6737	14010	14962	22970	5990	1550	963	963	3553	899	4012	342	2273	6171
6738	14261	14292	20800	6212	1563	961	961	3552	895	3741	332	2162	5892
6739	15038	16216	21826	6339	1604	972	972	3700	1024	3747	326	2299	6121
6740	16010	16110	21187	6608	1700	1053	1053	3905	1038	3518	360	2095	6237
6741	15353	13082	18539	6339	1735	1061	1061	3772	910	3054	363	1812	5874
6742	14084	11200	16942	5909	1573	964	964	3360	821	2772	313	1652	5631
6743	13650	10832	16171	5645	1518	917	917	3115	779	2671	284	1601	5501
6744	12443	9918	14624	5405	1417	853	853	2891	720	2428	253	1464	5222
6745	11275	8719	13111	4906	1298	771	771	2576	671	2109	209	1332	4970
6746	10653	8075	12048	4531	1220	732	732	2296	643	1915	184	1205	4838
6747	10235	7602	11442	4352	1201	712	712	2180	626	1777	168	1125	4794
6748	10260	7552	11289	4268	1209	711	711	2131	642	1711	164	1111	4799
6749	11071	8304	12183	4322	1271	731	731	2299	722	1813	179	1235	5019
6750	13044	10172	14475	4731	1428	810	810	2756	818	2204	222	1447	5499
6751	14195	11271	16413	5489	1547	919	919	3109	828	2558	282	1438	5716
6752	15847	11332	17120	5892	1825	987	987	3134	837	2628	302	1534	5813
6753	15584	11475	17300	6276	1788	1002	1002	3202	856	2652	317	1593	5881
6754	15023	11855	18016	6348	1688	1001	1001	3388	889	2664	323	1614	5965
6755	14851	12372	19411	6309	1651	1008	1008	3479	910	2757	334	1653	6047
6756	14496	12660	20534	6098	1604	987	987	3627	919	2893	337	1746	6020
6757	14264	13274	22064	6054	1572	974	974	3571	947	3136	337	1915	6053
6758	14136	13995	23474	5951	1551	959	959	3616	957	3473	340	2128	6081
6759	14046	14345	24464	5868	1552	955	955	3626	948	3841	340	2352	6126
6760	14020	14601	24349	5819	1552	955	955	3595	926	4110	342	2472	6211
6761	14126	14215	22802	5924	1569	963	963	3580	881	4080	346	2360	6171
6762	14520	13504	20625	6170	1569	964	964	3483	895	3785	338	2249	5954
6763	15397	14863	21586	6310	1570	980	980	3714	986	3825	333	2490	6130
6764	16162	14765	20869	6625	1643	1050	1050	3883	1030	3543	366	2204	6163
6765	15424	12752	18566	6337	1663	1040	1040	3803	896	3018	365	1833	5868
6766	14148	11362	17270	5966	1588	960	960	3357	824	2718	314	1617	5700
6767	13711	10975	16501	5678	1531	919	919	3120	766	2594	287	1567	5490
6768	12512	9872	14797	5450	1428	852	852	2863	705	2279	253	1452	5231
6769	11325	8886	13035	4962	1304	771	771	2514	658	2099	213	1303	5023
6770	10636	8187	11852	4553	1230	739	739	2314	627	1924	188	1186	4883
6771	10286	7759	11130	4358	1210	704	704	2161	602	1795	174	1113	4803
6772	10276	7704	11073	4302	1231	702	702	2126	623	1743	169	1106	4831
6773	11054	8439	11930	4353	1300	725	725	2269	706	1844	184	1226	5034
6774	12994	10258	14486	4735	1440	797	797	2650	812	2165	227	1432	5494
6775	14176	11328	16517	5511	1570	915	915	3128	823	2535	284	1427	5699
6776	15802	11378	17193	5890	1904	983	983	3153	827	2614	307	1518	5793
6777	15483	11498	17423	6277	1813	989	989	3235	841	2637	323	1592	5823
6778	15104	11882	18227	6373	1692	992	992	3436	866	2653	331	1624	5902
6779	14934	12218	19604	6387	1685	974	974	3605	891	2790	338	1669	5977
6780	14662	12342	20637	6227	1627	973	973	3683	892	3031	344	1685	5977
6781	14512	12734	21884	6186	1591	952	952	3912	904	3334	343	1900	6017
6782	14409	13169	23255	6109	1592	948	948	3898	915	3682	350	2163	6023
6783	14325	13467	23552	6047	1596	942	942	3865	929	3963	355	2436	6058
6784	14316	13641	23034	6044	1589	943	943	3859	916	4137	359	2490	6165
6785	14589	13296	21453	6178	1608	946	946	3772	880	4155	362	2347	6126
6786	15096	12827	19719	6538	1607	948	948	3556	885	4029	347	2343	5950
6787	16051	13986	20712	6752	1636	962	962	3760	1016	4138	339	2552	6193
6788	16659	13737	19928	6894	1693	1026	1026	4077	1037	3829	381	2264	6170
6789	15746	12325	18275	6534	1717	1046	1046	3933	902	3199	378	1873	5851
6790	14233	11389	17350	6080	1608	958	958	3402	818	2785	317	1641	5674
6791	13764	11030	16531	5760	1547	915	915	3137	768	2617	288	1595	5507
6792	12273	10050	14832	5547	1477	850	850	2898	701	2420	256	1431	5179
6793	11503	9024	13209	5020	1357	787	787	2599	646	2125	216	1209	4905
6794	10848	8333	12029	4646	1268	759	759	2306	611	1938	190	1175	4823
6795	10519	7858	11357	4446	1243	722	722	2211	593	1799	177	1178	4742
6796	10522	7746	11265	4351	1218	719	719	2162	609	1752	175	998	4747
6797	11212	8561	12242	4334	1278	735	735	2311	703	1840	188	1287	4963
6798	13009	10310	14672	4714	1404	808	808	2766	816	2229	227	1525	5481
6799	14154	11262	16633	5520	1540	915	915	3139	827	2582	281	1477	5707
6800	15963	11359	16973	5911	1774	973	973	3158	831	2650	299	1557	5838
6801	15559	11632	17373	6245	1769	994	994	3222	852	2670	317	1574	5912
6802	15087	12088	18700	6243	1727	1009	1009	3428	882	2697	331	1615	5977
6803	14804	12664	20097	6259	1677	1010	1010	3610	902	2830	340	1713	6028
6804	14443	12789	21087	6141	1608	990	990	3714	913	3034	349	1829	5983
6805	14265	13130	22118	6076	1584	986	986	3755	942	3291	350	1989	6055
6806	14156	13480	23322	5939	1560	973	973	3864	956	3600	346	2136	6084

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6807	14029	13554	23376	5881	1584	965	965	3872	964	3922	349	2297	6119
6808	13966	13443	22915	5913	1556	959	959	3827	952	4124	342	2308	6168
6809	14086	12929	21277	6060	1590	964	964	3769	889	4147	342	2182	6130
6810	14352	12403	19528	6383	1610	958	958	3648	892	3900	337	2178	6014
6811	15529	13805	20923	6756	1626	977	977	3843	1014	4055	336	2515	6234
6812	16579	13866	20213	6902	1690	1041	1041	4000	1051	3740	365	2200	6187
6813	15640	12238	18125	6498	1698	1033	1033	3906	915	3177	358	1827	5852
6814	14206	11270	16984	6063	1569	949	949	3343	825	2814	308	1579	5670
6815	13715	10799	16082	5746	1529	916	916	3149	777	2642	287	1506	5460
6816	12765	9608	14232	5569	1442	847	847	2912	708	2391	258	1310	5186
6817	11445	8830	13218	5061	1258	772	772	2586	658	2178	218	1305	4909
6818	10758	8151	12168	4674	1193	743	743	2362	633	1997	193	1125	4772
6819	10454	7743	11463	4483	1177	707	707	2233	610	1873	178	1222	4733
6820	10438	7715	11316	4428	1187	703	703	2184	624	1807	173	1213	4719
6821	11200	8481	12234	4446	1246	720	720	2341	704	1880	187	1310	4950
6822	13007	10111	14461	4838	1408	796	796	2763	814	2213	223	1467	5465
6823	14114	10921	16195	5558	1539	911	911	3146	828	2540	275	1465	5715
6824	15956	11106	16555	5959	1806	973	973	3172	834	2617	293	1535	5903
6825	16145	11452	16907	6449	1766	1001	1001	3268	854	2639	316	1577	5981
6826	15731	12100	17993	6581	1723	1021	1021	3530	894	2696	331	1594	6077
6827	15319	12619	19212	6549	1644	1024	1024	3703	918	2864	345	1666	6155
6828	14795	12614	19961	6365	1633	999	999	3791	940	3027	344	1756	6037
6829	14402	12867	20934	6325	1591	992	992	3801	981	3281	338	1884	6034
6830	14147	13115	21949	6256	1574	975	975	3850	974	3589	335	2081	5996
6831	13963	13011	22001	6077	1548	964	964	3792	960	3826	332	2328	5948
6832	13878	12825	21200	6003	1554	955	955	3724	943	3918	330	2394	5936
6833	13922	12514	19510	6066	1570	954	954	3674	889	3828	325	2270	5909
6834	14157	11820	17912	6290	1568	947	947	3513	880	3476	314	2201	5819
6835	14778	12960	18765	6611	1569	952	952	3513	949	3434	307	2417	5947
6836	14978	12694	18152	6604	1582	980	980	3588	946	3092	322	2094	5887
6837	14347	11449	16988	6226	1575	971	971	3441	872	2764	312	1782	5722
6838	13810	10920	16550	5928	1537	927	927	3198	825	2644	288	1595	5660
6839	13605	10570	15778	5794	1514	911	911	3144	790	2576	280	1570	5553
6840	12609	9659	14225	5615	1422	869	869	2919	732	2318	258	1430	5177
6841	11647	8792	13166	5126	1328	802	802	2616	659	2142	216	1352	4982
6842	10791	8115	11993	4720	1260	765	765	2378	622	1971	185	1235	4840
6843	10407	7661	11191	4518	1233	732	732	2226	593	1845	168	1148	4726
6844	10245	7469	10859	4437	1190	727	727	2128	592	1745	163	1115	4708
6845	10638	7710	11022	4426	1224	716	716	2159	618	1733	164	1129	4860
6846	11590	8516	11895	4569	1319	751	751	2335	691	1879	187	1230	5076
6847	12766	9156	12795	4923	1435	822	822	2589	726	2033	219	1150	5328
6848	13128	9645	13880	5308	1469	874	874	2733	768	2216	245	1358	5408
6849	14463	9861	14584	5447	1619	906	906	2830	778	2390	254	1509	5494
6850	15341	10235	14852	5819	1704	979	979	2918	799	2431	270	1546	5643
6851	15053	10493	15719	5997	1703	999	999	3047	814	2569	287	1589	5793
6852	14369	10493	16331	5934	1600	987	987	3104	805	2749	290	1686	5816
6853	13674	10480	16713	5772	1517	947	947	3076	805	2950	286	1828	5716
6854	13234	10451	17072	5602	1474	909	909	3030	805	3106	277	2016	5649
6855	13072	10402	17192	5493	1459	892	892	2980	805	3245	274	2182	5617
6856	13018	10449	17469	5457	1457	890	890	2948	809	3337	272	2229	5619
6857	13058	10581	16906	5523	1457	891	891	2963	814	3404	273	2194	5682
6858	13307	10656	16514	5716	1462	907	907	2980	837	3382	272	2182	5670
6859	14131	11911	18574	6001	1481	924	924	3188	925	3660	278	2411	5836
6860	14662	11878	18352	6119	1566	980	980	3297	883	3304	317	2057	5818
6861	13989	10712	16261	5806	1598	976	976	3185	816	2847	317	1752	5621
6862	13232	9964	14841	5540	1505	907	907	3008	773	2481	281	1575	5432
6863	12945	9757	14439	5394	1457	876	876	2838	739	2403	256	1538	5382
6864	11776	9041	13455	5269	1406	834	834	2738	667	2241	246	1465	5190
6865	11423	8378	12406	4953	1276	781	781	2525	637	2056	216	1372	5032
6866	10798	7602	12151	4529	1178	737	737	2314	605	1905	189	1269	4912
6867	10392	7443	10697	4445	1203	724	724	2192	582	1770	172	1193	4835
6868	10276	7192	10309	4334	1188	705	705	2099	584	1692	162	1147	4782
6869	10533	7262	10186	4342	1207	728	728	2088	608	1650	165	1147	4837
6870	11211	7770	10736	4465	1269	748	748	2090	653	1735	182	1198	4995
6871	12363	8361	11112	4761	1387	799	799	2314	673	1826	207	1110	5143
6872	12857	9007	12109	5143	1438	849	849	2432	719	2002	229	1324	5249
6873	13252	9558	13433	5365	1554	868	868	2656	739	2239	237	1462	5346
6874	13863	9627	13916	5489	1593	884	884	2717	743	2331	240	1506	5394
6875	13916	9742	14018	5659	1553	898	898	2733	750	2359	244	1531	5508
6876	13559	9792	14302	5760	1460	897	897	2757	755	2454	243	1602	5584
6877	13315	9831	14666	5716	1456	894	894	2768	756	2595	247	1704	5572
6878	13104	9884	14952	5594	1440	881	881	2758	755	2734	244	1868	5521
6879	12966	9936	15254	5508	1432	875	875	2755	754	2875	243	1988	5546
6880	12942	10033	15466	5511	1430	877	877	2749	760	2963	243	2067	5599
6881	13111	10245	15624	5677	1432	885	885	2783	771	3085	248	2226	5648
6882	13654	10551	16019	5994	1438	925	925	2852	816	3161	255	2185	5656
6883	14578	11934	17392	6182	1487	964	964	3186	928	3504	266	2401	5814
6884	15450	11939	17290	6339	1599	1042	1042	3365	898	3322	301	2084	5893
6885	14568	10851	15713	6085	1633	1045	1045	3292	818	2862	309	1749	5690
6886	13376	9931	14292	5689	1494	940	940	3083	748	2490	274	1524	5416
6887	12839	9584	13876	5380	1430	868	868	2810	724	2338	240	1488	5320
6888	11982	8998	12988	5243	1278	828	828	2700	660	2188	224	1459	5145

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6889	11089	7913	11686	4949	1255	749	749	2415	619	1911	192	1252	4942
6890	10527	7461	10818	4685	1218	729	729	2243	595	1775	174	1153	4843
6891	10423	7318	10389	4539	1197	711	711	2129	576	1684	168	1100	4810
6892	10549	7466	10561	4546	1235	710	710	2133	607	1662	170	1097	4833
6893	11414	8266	11692	4594	1303	740	740	2303	698	1755	189	1240	5006
6894	13253	9952	14117	4918	1439	812	812	2762	806	2127	234	1429	5429
6895	14546	10887	15888	5543	1529	925	925	3105	824	2464	287	1443	5680
6896	17373	10934	16283	5821	1874	993	993	3127	831	2536	311	1514	5742
6897	17084	11115	16518	6108	1779	1003	1003	3159	847	2554	329	1560	5882
6898	16311	11401	17194	6300	1664	1010	1010	3293	866	2581	338	1573	6055
6899	15579	11666	17847	6400	1593	1007	1007	3387	880	2689	344	1624	6213
6900	14929	11647	18342	6271	1537	991	991	3415	880	2847	343	1706	6120
6901	14556	11830	18888	6213	1518	977	977	3389	895	3021	337	1817	6109
6902	14317	11964	19346	6092	1498	964	964	3407	898	3266	335	1972	6130
6903	14109	11985	19002	5985	1496	952	952	3412	895	3469	332	2076	6148
6904	14057	11953	19082	5957	1495	952	952	3378	897	3662	333	2135	6221
6905	14178	11895	18435	6135	1495	958	958	3408	874	3652	335	2207	6193
6906	14841	12064	18112	6551	1500	971	971	3501	903	3492	335	2173	6058
6907	16310	12809	18651	6731	1532	995	995	3595	1011	3754	339	2331	6377
6908	17432	12494	18124	6858	1592	1061	1061	3658	1001	3483	363	2069	6346
6909	16147	11452	16934	6447	1595	1041	1041	3548	908	2980	362	1743	5961
6910	14359	10899	16293	6018	1514	960	960	3251	825	2657	314	1571	5686
6911	13813	10508	15509	5765	1480	922	922	3117	789	2533	289	1509	5577
6912	12715	9610	14046	5556	1333	854	854	2847	726	2327	257	1371	5319
6913	11657	8498	12718	5047	1326	774	774	2528	655	2028	216	1273	5022
6914	11086	7944	11813	4694	1266	740	740	2279	626	1869	193	1166	4869
6915	10724	7552	11297	4517	1250	719	719	2172	605	1750	180	1106	4824
6916	10790	7596	11236	4467	1274	719	719	2131	617	1711	178	1110	4837
6917	11617	8403	12157	4516	1322	742	742	2317	704	1838	194	1255	5029
6918	13427	10169	14286	4935	1427	824	824	2798	813	2209	238	1433	5472
6919	14823	10915	15975	5657	1514	929	929	3130	827	2494	290	1435	5752
6920	17621	10998	16443	6077	1876	994	994	3143	836	2510	312	1490	5894
6921	16982	11145	16616	6475	1777	1001	1001	3189	847	2513	324	1518	6002
6922	15904	11397	17361	6504	1640	991	991	3316	866	2522	324	1527	6111
6923	15448	11624	18475	6443	1583	993	993	3375	876	2544	328	1537	6202
6924	14844	11651	19245	6234	1529	972	972	3441	880	2563	326	1561	6171
6925	14570	11871	20216	6196	1502	966	966	3406	891	2610	322	1594	6205
6926	14369	12079	21033	6090	1486	954	954	3431	897	2668	322	1635	6274
6927	14240	12101	21449	6010	1485	948	948	3427	894	2741	320	1673	6304
6928	14230	12121	20988	5977	1485	950	950	3401	881	2782	321	1693	6363
6929	14462	12008	20041	6158	1495	958	958	3430	859	2774	324	1712	6379
6930	15343	12143	19294	6553	1500	979	979	3463	888	2739	327	1715	6243
6931	17055	13050	20188	6706	1518	1009	1009	3604	961	2819	332	1787	6461
6932	17640	12670	19295	6872	1578	1060	1060	3659	968	2747	352	1695	6390
6933	16269	11594	17473	6466	1568	1031	1031	3576	887	2611	342	1589	6011
6934	14451	10916	16477	6094	1515	960	960	3267	825	2530	307	1527	5751
6935	13941	10485	15725	5828	1473	926	926	3124	773	2455	290	1474	5589
6936	12766	9387	14162	5607	1387	854	854	2839	699	2154	255	1375	5319
6937	11855	8578	12678	5137	1291	803	803	2501	660	2026	218	1245	5067
6938	11230	7965	11656	4757	1245	774	774	2277	626	1890	195	1157	4904
6939	10902	7622	11094	4575	1238	748	748	2144	602	1774	184	1106	4819
6940	10888	7656	11073	4511	1264	747	747	2126	617	1743	182	1119	4839
6941	11629	8408	11961	4556	1311	768	768	2287	691	1845	199	1256	5021
6942	13352	10166	14326	4903	1431	835	835	2699	803	2151	242	1423	5460
6943	14464	10895	16098	5651	1529	922	922	3139	818	2459	290	1432	5726
6944	16475	11021	16597	6020	1904	1002	1002	3163	823	2499	311	1483	5845
6945	16039	11202	16809	6356	1780	1003	1003	3216	830	2503	320	1521	5885
6946	15427	11598	17716	6388	1666	997	997	3331	842	2512	321	1535	5964
6947	15163	11879	19117	6378	1642	978	978	3431	852	2545	323	1543	6054
6948	14747	11902	20094	6229	1568	970	970	3464	851	2594	325	1549	6068
6949	14509	11985	21307	6164	1532	950	950	3581	852	2659	323	1594	6091
6950	14361	12177	22746	6093	1526	948	948	3546	855	2742	324	1643	6088
6951	14249	12221	23047	6044	1520	940	940	3526	852	2814	323	1694	6105
6952	14263	12262	22555	6043	1517	943	943	3497	853	2865	324	1724	6209
6953	14655	12090	21131	6213	1533	947	947	3490	842	2878	327	1749	6225
6954	15465	12286	19995	6670	1537	966	966	3481	865	2873	327	1737	6159
6955	16555	13474	20887	6894	1574	992	992	3635	941	2938	329	1805	6429
6956	16826	12900	19686	6867	1619	1051	1051	3729	937	2826	352	1716	6298
6957	15719	11645	17628	6463	1620	1046	1046	3614	872	2650	341	1607	5955
6958	14314	10901	16656	6115	1535	959	959	3278	817	2538	306	1539	5722
6959	13895	10546	15821	5878	1490	921	921	3138	778	2472	290	1504	5595
6960	12606	9594	14193	5663	1430	865	865	2866	701	2270	258	1351	5279
6961	11550	8674	12889	5073	1315	792	792	2522	652	2042	218	1165	4996
6962	10886	8072	11867	4684	1244	764	764	2267	613	1885	193	1061	4869
6963	10550	7709	11282	4474	1231	730	730	2176	593	1802	182	998	4794
6964	10565	7697	11252	4394	1218	727	727	2162	604	1752	181	1014	4792
6965	11338	8526	12173	4393	1268	741	741	2340	687	1856	196	1180	4985
6966	13177	10171	14372	4788	1383	818	818	2809	803	2203	237	1406	5485
6967	14371	10910	16148	5614	1478	923	923	3136	819	2498	287	1315	5743
6968	16455	11076	16539	5990	1774	1004	1004	3157	824	2539	307	1493	5890
6969	15921	11353	16824	6267	1741	1020	1020	3183	838	2546	324	1546	5974
6970	15295	11799	18022	6249	1673	1036	1036	3309	850	2552	332	1562	6009

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
6971	14900	12210	19559	6255	1605	1032	1032	3387	861	2583	339	1584	6036
6972	14487	12105	20733	6132	1534	1006	1006	3429	863	2632	341	1615	6041
6973	14302	12313	22002	6062	1513	984	984	3441	874	2702	340	1662	6069
6974	14162	12534	23309	5958	1486	971	971	3480	877	2800	332	1712	6096
6975	14044	12450	23376	5911	1482	959	959	3450	882	2898	334	1768	6130
6976	14000	12380	22688	5952	1475	958	958	3429	874	2960	331	1771	6177
6977	14166	12110	21273	6132	1498	972	972	3415	848	2967	330	1780	6196
6978	14675	12278	20203	6546	1535	993	993	3467	869	2914	336	1773	6233
6979	15961	13866	21118	6874	1575	1027	1027	3600	941	3017	344	1845	6478
6980	16579	13407	19896	6902	1640	1093	1093	3619	944	2895	361	1740	6316
6981	15627	11827	17720	6501	1618	1062	1062	3533	880	2716	346	1630	5974
6982	14292	10912	16574	6105	1513	967	967	3243	819	2590	305	1560	5735
6983	13822	10482	15775	5831	1468	923	923	3142	783	2523	289	1492	5594
6984	12840	9404	14186	5637	1399	855	855	2895	707	2318	258	1313	5315
6985	11475	8698	13046	5091	1217	781	781	2548	658	2082	219	1261	5062
6986	10772	8046	12049	4674	1190	751	751	2323	627	1901	196	1176	4918
6987	10479	7670	11429	4470	1177	721	721	2208	601	1797	182	1130	4856
6988	10528	7676	11316	4428	1215	719	719	2184	610	1731	178	1125	4847
6989	11324	8455	12261	4477	1275	738	738	2355	682	1815	193	1239	5014
6990	13216	10043	14328	4910	1419	815	815	2799	797	2149	230	1391	5466
6991	14586	10705	15886	5664	1520	920	920	3129	817	2444	279	1396	5728
6992	17607	10992	16234	6124	1837	1053	1053	3160	827	2489	302	1468	5960
6993	17756	11375	16576	6745	1773	1101	1101	3279	851	2500	330	1512	6063
6994	16873	12128	17779	6865	1714	1111	1111	3546	891	2539	345	1523	6189
6995	16051	12625	19068	6822	1610	1102	1102	3700	909	2626	357	1547	6243
6996	15223	12542	19983	6545	1571	1074	1074	3764	923	2707	352	1574	6120
6997	14631	12723	21053	6444	1527	1039	1039	3714	955	2825	341	1618	6091
6998	14287	12868	22001	6323	1513	1008	1008	3723	942	2966	336	1685	6063
6999	14059	12640	21859	6127	1506	985	985	3687	930	3080	331	1762	6016
7000	13986	12330	20811	6071	1501	977	977	3611	911	3106	328	1773	6016
7001	14097	12130	19290	6206	1507	989	989	3646	865	3063	322	1789	6032
7002	14633	11864	18116	6616	1517	1001	1001	3585	891	2904	318	1772	6042
7003	15492	13002	18532	6882	1530	1012	1012	3593	959	2938	315	1825	6171
7004	15441	12299	17602	6718	1550	1049	1049	3578	929	2709	327	1703	6019
7005	14615	11134	16547	6280	1533	1020	1020	3405	862	2549	310	1592	5814
7006	13934	10693	16211	5983	1509	944	944	3167	812	2492	288	1521	5713
7007	13714	10346	15451	5863	1489	917	917	3110	782	2423	280	1492	5647
7008	12691	9484	14052	5656	1434	878	878	2863	720	2165	258	1377	5336
7009	11938	8659	12857	5199	1307	806	806	2593	658	2018	218	1297	5123
7010	11219	8042	11863	4811	1234	768	768	2377	622	1878	189	1200	4979
7011	10906	7642	11152	4607	1219	743	743	2232	594	1770	173	1133	4858
7012	10800	7469	10859	4527	1206	731	731	2149	592	1698	170	1115	4829
7013	11176	7727	11105	4525	1268	735	735	2207	615	1703	175	1140	4940
7014	12046	8494	11927	4688	1367	773	773	2383	679	1851	198	1212	5131
7015	13028	9088	12776	5045	1448	841	841	2609	713	2010	230	1163	5371
7016	13412	9536	13765	5413	1502	885	885	2747	751	2146	252	1330	5463
7017	15042	9712	14313	5543	1678	924	924	2817	762	2253	258	1434	5514
7018	15915	10043	14557	5907	1757	1010	1010	2926	779	2272	276	1453	5638
7019	15382	10275	15111	6070	1680	1035	1035	3055	792	2322	292	1468	5723
7020	14552	10254	15545	5991	1568	1015	1015	3095	784	2365	292	1493	5751
7021	13762	10233	15739	5831	1487	959	959	3070	781	2415	286	1523	5678
7022	13322	10156	15930	5656	1455	923	923	3001	779	2443	275	1570	5620
7023	13192	10102	15835	5565	1452	901	901	2938	776	2474	272	1607	5583
7024	13171	10113	15806	5541	1444	898	898	2898	778	2503	269	1614	5636
7025	13236	10220	15533	5673	1452	903	903	2963	785	2526	270	1662	5740
7026	13746	10657	15743	6049	1456	950	950	3098	830	2559	275	1701	5868
7027	14800	11717	16988	6343	1496	987	987	3448	918	2731	292	1770	5978
7028	15035	11325	16363	6305	1550	1041	1041	3468	870	2592	330	1639	5828
7029	14233	10320	15188	5929	1549	1009	1009	3285	808	2409	322	1531	5647
7030	13417	9754	14395	5643	1492	924	924	3047	760	2281	285	1464	5494
7031	13122	9585	14101	5487	1454	887	887	2831	739	2245	259	1445	5453
7032	12198	8873	13083	5364	1415	845	845	2743	673	2082	249	1387	5300
7033	11647	8193	12126	5035	1279	793	793	2510	639	1936	218	1299	5080
7034	11096	7472	11947	4617	1178	750	750	2319	607	1813	190	1214	4942
7035	10738	7334	10456	4536	1234	731	731	2202	582	1707	175	1150	4839
7036	10703	7091	10253	4445	1218	726	726	2104	582	1653	166	1124	4782
7037	10997	7216	10186	4450	1244	743	743	2109	601	1650	172	1136	4803
7038	11714	7739	10673	4576	1305	769	769	2133	650	1730	190	1156	4995
7039	12781	8324	11083	4876	1425	819	819	2352	670	1839	218	1110	5181
7040	13127	8910	12175	5256	1480	861	861	2465	711	1958	238	1290	5302
7041	13743	9318	13263	5468	1653	878	878	2674	732	2113	243	1398	5415
7042	14334	9399	13569	5607	1677	889	889	2720	736	2159	247	1429	5449
7043	14219	9542	13682	5800	1584	898	898	2734	742	2169	250	1437	5541
7044	13762	9577	13886	5894	1468	897	897	2755	744	2199	248	1460	5614
7045	13472	9593	14098	5838	1466	893	893	2760	745	2237	252	1484	5608
7046	13263	9578	14275	5716	1444	885	885	2752	742	2272	247	1525	5563
7047	13162	9569	14375	5624	1438	881	881	2744	741	2301	245	1553	5585
7048	13155	9585	14435	5642	1425	881	881	2741	743	2335	245	1572	5619
7049	13356	9809	14523	5949	1443	892	892	2787	752	2376	250	1675	5722
7050	14285	10461	15189	6550	1452	946	946	2966	819	2448	263	1704	5881
7051	15397	12002	16201	6690	1545	999	999	3402	927	2687	285	1748	6003
7052	15858	11645	15774	6627	1672	1045	1045	3472	895	2583	318	1640	5958

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7053	14779	10504	14682	6260	1669	1026	1026	3383	818	2391	316	1521	5779
7054	13559	9635	13737	5798	1523	936	936	3133	749	2231	280	1437	5520
7055	13066	9309	13465	5476	1443	878	878	2826	726	2161	245	1413	5409
7056	12162	8722	12547	5334	1323	839	839	2705	669	2037	226	1377	5237
7057	11285	7645	11413	4978	1231	793	793	2400	619	1831	191	1206	5005
7058	10746	7236	10714	4711	1208	772	772	2236	595	1725	173	1141	4870
7059	10684	7119	10389	4551	1189	761	761	2132	576	1673	168	1097	4810
7060	10832	7279	10614	4566	1231	761	761	2143	603	1658	173	1111	4824
7061	11740	8090	11761	4642	1321	791	791	2339	684	1770	195	1248	4990
7062	13550	9755	13998	4971	1472	848	848	2813	791	2095	244	1399	5404
7063	14799	10525	15551	5637	1562	938	938	3098	814	2351	294	1425	5728
7064	17432	10661	15884	5947	1874	1027	1027	3117	824	2373	322	1468	5804
7065	17103	10966	16184	6281	1804	1047	1047	3170	837	2380	341	1490	5936
7066	16286	11287	16895	6499	1666	1043	1043	3312	848	2398	347	1498	6077
7067	15582	11564	17533	6647	1592	1039	1039	3395	856	2440	350	1519	6208
7068	14959	11442	18015	6529	1535	1010	1010	3410	854	2484	346	1546	6164
7069	14637	11519	18458	6426	1521	989	989	3361	853	2530	335	1586	6129
7070	14405	11555	18777	6199	1509	974	974	3366	854	2594	330	1617	6145
7071	14237	11425	18284	6116	1507	959	959	3335	850	2659	326	1632	6170
7072	14207	11324	18032	6104	1497	957	957	3305	847	2705	326	1634	6172
7073	14346	11414	17589	6371	1506	967	967	3354	837	2685	328	1728	6245
7074	15185	12060	17810	7078	1511	1006	1006	3585	888	2678	340	1754	6271
7075	16535	13019	18207	7194	1547	1043	1043	3766	974	2850	353	1794	6498
7076	16909	12452	17504	7133	1589	1103	1103	3753	961	2714	367	1691	6327
7077	15826	11206	16432	6620	1567	1062	1062	3592	894	2526	357	1557	6051
7078	14451	10525	15882	6136	1519	970	970	3230	817	2407	315	1492	5773
7079	13993	10136	15159	5872	1486	933	933	3102	788	2348	294	1427	5679
7080	12813	9249	13784	5635	1297	871	871	2820	726	2152	262	1314	5412
7081	11660	8352	12414	5056	1191	811	811	2541	653	1905	221	1229	5075
7082	11030	7865	11550	4683	1095	779	779	2316	621	1792	198	1148	4891
7083	10724	7552	11028	4506	1083	759	759	2215	605	1722	184	1106	4824
7084	10814	7605	10997	4467	1156	764	764	2222	610	1696	183	1124	4831
7085	11763	8420	11950	4526	1248	778	778	2398	687	1822	202	1256	5011
7086	13630	10076	14055	4974	1429	852	852	2833	796	2130	249	1387	5435
7087	15052	10698	15538	5746	1544	935	935	3103	816	2299	296	1395	5811
7088	17640	10857	15985	6220	1876	1033	1033	3115	830	2336	343	1420	5900
7089	16868	11020	16285	6643	1741	1039	1039	3169	839	2351	359	1429	5998
7090	15762	11330	17410	6615	1603	1020	1020	3319	854	2353	351	1433	6087
7091	15214	11505	18679	6528	1538	1016	1016	3395	859	2377	349	1442	6163
7092	14707	11470	19503	6301	1496	987	987	3418	859	2381	341	1462	6133
7093	14459	11655	20532	6237	1477	975	975	3367	857	2417	329	1485	6161
7094	14316	11763	21449	6146	1473	959	959	3392	864	2466	326	1510	6220
7095	14238	11703	21120	6085	1471	948	948	3354	855	2536	320	1512	6237
7096	14248	11604	20203	6071	1471	947	947	3325	848	2570	319	1522	6277
7097	14451	11574	19590	6390	1474	958	958	3382	834	2557	321	1634	6353
7098	15437	12214	19768	7125	1477	1011	1011	3532	888	2560	338	1703	6414
7099	16889	13050	20560	7283	1488	1060	1060	3747	964	2819	357	1787	6474
7100	16957	12375	19190	7165	1512	1118	1118	3689	953	2682	377	1669	6325
7101	15887	11293	17068	6632	1499	1062	1062	3566	888	2455	354	1527	6066
7102	14468	10687	16005	6195	1479	972	972	3222	814	2327	311	1433	5826
7103	14032	10260	15228	5915	1447	931	931	3093	774	2242	293	1387	5696
7104	12768	9226	13823	5681	1274	875	875	2824	695	1975	254	1308	5396
7105	11896	8388	12544	5177	1130	799	799	2535	659	1872	220	1199	5143
7106	11206	7804	11631	4776	1067	775	775	2328	625	1771	197	1134	4969
7107	10906	7456	11161	4582	1084	757	757	2211	604	1692	185	1106	4848
7108	10888	7557	11168	4511	1123	752	752	2206	615	1680	185	1129	4819
7109	11722	8343	12031	4579	1226	790	790	2364	679	1795	206	1266	4995
7110	13506	10075	14226	4938	1417	859	859	2747	786	2065	250	1387	5449
7111	14698	10719	15743	5739	1547	935	935	3094	807	2273	293	1402	5792
7112	16826	10872	16162	6106	1840	1070	1070	3129	817	2295	344	1421	5887
7113	16344	11037	16437	6402	1714	1065	1065	3195	828	2307	356	1434	5945
7114	15526	11376	17715	6406	1593	1038	1038	3315	839	2313	350	1439	6009
7115	15141	11613	19371	6369	1552	1011	1011	3402	844	2349	343	1453	6090
7116	14697	11658	20574	6241	1500	992	992	3395	839	2386	342	1468	6113
7117	14475	11679	21720	6180	1480	964	964	3486	834	2438	333	1494	6124
7118	14341	11780	23047	6132	1476	956	956	3419	835	2516	329	1528	6104
7119	14258	11732	23032	6096	1475	943	943	3384	832	2585	323	1563	6109
7120	14277	11679	22105	6115	1472	947	947	3342	830	2642	320	1585	6200
7121	14683	11737	20945	6342	1475	953	953	3385	825	2653	323	1696	6261
7122	15680	12511	20985	6916	1476	998	998	3527	882	2720	337	1751	6380
7123	16542	13474	21444	7047	1505	1048	1048	3755	977	2938	353	1805	6520
7124	16490	12613	19837	6881	1541	1096	1096	3749	950	2756	380	1674	6295
7125	15432	11386	17314	6476	1535	1066	1066	3579	888	2495	355	1529	6012
7126	14309	10716	16193	6164	1496	970	970	3226	809	2326	308	1440	5799
7127	13932	10360	15415	5963	1461	931	931	3089	779	2246	290	1400	5692
7128	12548	9399	13920	5705	1296	866	866	2840	701	2058	254	1286	5375
7129	11538	8590	12511	5101	1066	802	802	2486	660	1876	214	1210	5115
7130	10871	8011	11560	4709	1004	774	774	2244	623	1751	191	1154	4986
7131	10550	7697	11049	4496	1004	729	729	2174	608	1704	181	1125	4903
7132	10586	7702	11041	4393	1026	727	727	2169	615	1682	182	1149	4908
7133	11398	8541	11944	4425	1139	750	750	2329	680	1785	201	1257	5052
7134	13263	10141	14155	4844	1336	830	830	2851	783	2091	245	1382	5497

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7135	14429	10816	15820	5689	1487	927	927	3103	804	2305	291	1337	5818
7136	16433	10991	16242	6038	1741	1020	1020	3134	812	2314	323	1422	5939
7137	15940	11206	16520	6277	1663	1024	1024	3172	823	2318	341	1438	6021
7138	15217	11582	17727	6257	1561	1029	1029	3317	828	2329	338	1445	6064
7139	14916	11910	19344	6258	1519	1021	1021	3388	839	2366	340	1463	6102
7140	14554	11788	20786	6148	1478	989	989	3414	833	2410	337	1486	6106
7141	14379	11947	22026	6106	1466	967	967	3405	835	2471	331	1526	6094
7142	14250	12112	23376	6032	1458	954	954	3434	831	2569	323	1575	6088
7143	14157	12048	23310	6005	1458	944	944	3389	839	2679	323	1635	6105
7144	14148	12010	22315	6044	1457	944	944	3356	835	2732	320	1640	6164
7145	14403	11971	21507	6279	1467	960	960	3381	825	2770	321	1764	6228
7146	15250	12599	21453	6793	1491	1006	1006	3585	870	2757	337	1786	6414
7147	16440	13866	21629	7029	1539	1058	1058	3780	944	3017	357	1845	6535
7148	16571	12994	19819	6886	1563	1098	1098	3697	933	2797	366	1704	6321
7149	15590	11593	17505	6489	1522	1051	1051	3557	878	2555	346	1555	6045
7150	14373	10815	16291	6141	1476	965	965	3210	808	2369	305	1446	5822
7151	13935	10397	15540	5916	1450	924	924	3095	783	2288	289	1415	5730
7152	12969	9362	14075	5693	1325	857	857	2830	716	2103	256	1299	5470
7153	11500	8624	12791	5117	1100	777	777	2484	663	1885	215	1214	5168
7154	10778	8023	11837	4700	1070	746	746	2297	623	1758	192	1151	5015
7155	10479	7670	11205	4472	1076	725	725	2211	601	1679	180	1125	4938
7156	10568	7682	11127	4428	1131	719	719	2200	609	1661	178	1136	4929
7157	11406	8478	12107	4490	1217	745	745	2366	668	1765	194	1249	5049
7158	13381	10008	14184	4944	1405	823	823	2833	781	2065	235	1365	5466
7159	14723	10581	15627	5734	1529	929	929	3099	804	2278	283	1375	5808
7160	17642	11002	15932	6149	1837	1060	1060	3130	815	2298	314	1414	6029
7161	17756	11439	16423	6637	1785	1111	1111	3254	832	2336	341	1434	6176
7162	16856	12208	17887	6690	1701	1106	1106	3497	853	2388	350	1443	6353
7163	16089	12568	19363	6677	1580	1097	1097	3694	862	2502	357	1473	6407
7164	15295	12311	20346	6453	1547	1056	1056	3711	864	2573	348	1494	6311
7165	14738	12301	21271	6364	1510	1027	1027	3617	875	2683	334	1525	6228
7166	14440	12359	22001	6267	1501	991	991	3630	868	2851	326	1574	6184
7167	14246	12031	21401	6129	1493	979	979	3596	864	2964	319	1619	6105
7168	14180	11721	20064	6090	1494	974	974	3528	853	2975	315	1616	6118
7169	14386	11718	18998	6247	1494	997	997	3570	833	2914	313	1743	6224
7170	15216	12136	18591	6751	1518	1049	1049	3690	879	2800	321	1778	6365
7171	16020	13002	18632	6882	1538	1053	1053	3764	916	2995	326	1817	6433
7172	15506	11963	17368	6628	1555	1050	1050	3597	881	2620	329	1669	6188
7173	14728	10886	16254	6260	1528	1017	1017	3372	843	2388	309	1540	5964
7174	14118	10530	15890	6021	1501	954	954	3138	804	2289	289	1438	5811
7175	13889	10168	15132	5930	1487	928	928	3082	784	2239	283	1414	5764
7176	12807	9329	13747	5712	1412	894	894	2866	730	2039	258	1303	5468
7177	11901	8541	12626	5237	1287	811	811	2586	667	1871	217	1249	5246
7178	11207	7977	11768	4843	1222	782	782	2361	631	1759	187	1174	5076
7179	10888	7588	11176	4617	1206	749	749	2209	602	1681	171	1122	4927
7180	10800	7457	10891	4525	1208	731	731	2149	592	1633	170	1115	4866
7181	11259	7754	11124	4533	1300	735	735	2216	612	1659	177	1151	4928
7182	12237	8530	11923	4729	1400	770	770	2427	673	1810	203	1200	5105
7183	13248	9085	12660	5117	1463	851	851	2643	714	1960	239	1173	5391
7184	13694	9475	13535	5498	1510	902	902	2768	747	2044	260	1297	5530
7185	15312	9643	13950	5629	1682	933	933	2824	758	2083	267	1357	5575
7186	15915	10036	14529	5943	1757	1002	1002	2910	775	2131	287	1372	5698
7187	15293	10242	15330	6035	1664	1027	1027	3000	785	2178	298	1391	5819
7188	14421	10170	15889	5943	1563	1005	1005	3017	777	2194	295	1406	5867
7189	13719	10083	16093	5799	1486	957	957	2982	769	2213	287	1412	5808
7190	13396	9924	15978	5664	1463	927	927	2918	768	2202	276	1433	5743
7191	13343	9852	15620	5596	1455	912	912	2874	767	2209	270	1447	5692
7192	13336	9854	15499	5585	1438	911	911	2849	766	2227	268	1443	5747
7193	13407	10167	15649	5754	1460	922	922	2949	775	2259	272	1590	5914
7194	14133	11208	17013	6314	1467	992	992	3153	845	2379	287	1713	6242
7195	15056	12257	18764	6525	1508	1028	1028	3468	917	2731	311	1770	6243
7196	14964	11432	17301	6351	1537	1046	1046	3365	865	2532	332	1603	5941
7197	14243	10252	15385	5991	1513	1002	1002	3181	808	2299	316	1473	5757
7198	13534	9625	14057	5726	1478	934	934	2998	760	2126	287	1379	5590
7199	13283	9454	13746	5563	1463	905	905	2832	745	2074	264	1357	5547
7200	12453	8746	12792	5442	1415	858	858	2748	685	1950	253	1316	5383
7201	11624	8109	11936	5054	1258	813	813	2500	647	1813	218	1227	5162
7202	11070	7412	11786	4590	1178	775	775	2306	610	1714	188	1151	4994
7203	10703	7302	10490	4520	1227	730	730	2266	588	1632	173	1099	4873
7204	10730	7090	10310	4445	1200	726	726	2104	582	1602	166	1084	4791
7205	11086	7304	10287	4448	1253	747	747	2135	596	1617	174	1109	4782
7206	11947	7820	10789	4602	1331	779	779	2164	646	1713	195	1115	4964
7207	13064	8344	11041	4919	1442	839	839	2399	672	1825	227	1088	5166
7208	13353	8938	12115	5330	1513	883	883	2544	711	1908	245	1250	5317
7209	14079	9253	13025	5551	1677	899	899	2730	733	1991	251	1319	5466
7210	14523	9339	13272	5662	1665	911	911	2761	736	2003	254	1334	5501
7211	14296	9466	13490	5784	1650	917	917	2773	742	2017	254	1343	5583
7212	13823	9476	13904	5829	1467	913	913	2784	744	2037	251	1353	5672
7213	13556	9480	14229	5779	1452	909	909	2784	743	2052	253	1357	5692
7214	13392	9441	14435	5687	1440	903	903	2777	739	2063	248	1372	5652
7215	13337	9425	14484	5635	1419	899	899	2768	737	2072	246	1380	5647
7216	13338	9450	14500	5656	1399	900	900	2768	738	2087	246	1401	5689

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7217	13566	9855	15220	5972	1436	911	911	2823	746	2131	249	1626	5906
7218	14912	10948	17491	6698	1456	993	993	3069	830	2278	268	1728	6301
7219	15858	12350	19101	6698	1558	1047	1047	3472	927	2687	298	1748	6274
7220	15841	11643	17794	6448	1624	1070	1070	3419	892	2551	318	1612	6097
7221	14768	10449	15593	6128	1589	1039	1039	3312	824	2317	310	1467	5912
7222	13661	9564	13624	5783	1493	953	953	3092	758	2109	278	1351	5633
7223	13240	9236	13189	5554	1443	898	898	2841	732	2002	248	1325	5489
7224	12153	8636	12461	5380	1278	855	855	2749	685	1890	227	1294	5351
7225	11399	7643	11432	5057	1209	801	801	2378	621	1720	189	1177	5063
7226	10873	7263	10794	4776	1191	772	772	2229	595	1649	172	1131	4895
7227	10836	7119	10496	4613	1189	761	761	2132	576	1632	168	1104	4820
7228	11033	7302	10730	4622	1235	764	764	2161	595	1629	176	1129	4829
7229	12007	8178	11829	4710	1343	796	796	2372	662	1744	200	1252	4957
7230	13820	9791	13924	5039	1494	860	860	2881	774	2047	251	1359	5326
7231	15055	10518	15347	5692	1584	960	960	3153	809	2213	298	1379	5725
7232	17432	10713	15706	5977	1848	1027	1027	3175	824	2246	343	1402	5837
7233	17001	11072	16371	6247	1756	1043	1043	3223	839	2268	370	1409	5961
7234	16168	11408	17997	6432	1634	1037	1037	3354	847	2282	373	1416	6095
7235	15490	11714	19289	6532	1576	1030	1030	3406	851	2316	372	1430	6224
7236	14944	11611	20227	6434	1534	1007	1007	3411	846	2340	362	1442	6204
7237	14677	11628	21104	6320	1518	991	991	3347	836	2358	342	1455	6166
7238	14486	11631	21684	6135	1513	979	979	3327	832	2391	332	1465	6173
7239	14369	11518	20680	6068	1507	970	970	3306	825	2420	324	1469	6177
7240	14359	11448	20337	6078	1485	971	971	3285	821	2439	322	1485	6201
7241	14533	11807	20048	6385	1507	981	981	3373	822	2422	328	1685	6346
7242	15680	13084	21359	7218	1518	1044	1044	3696	902	2528	359	1776	6587
7243	16798	13653	21383	7205	1552	1077	1077	3842	974	2850	389	1794	6606
7244	16715	12627	19458	6924	1578	1103	1103	3750	949	2640	389	1681	6401
7245	15659	11205	16910	6485	1554	1065	1065	3577	903	2417	369	1512	6157
7246	14546	10518	15704	6107	1519	985	985	3260	823	2264	320	1410	5871
7247	14141	10105	15043	5918	1484	954	954	3156	795	2194	297	1371	5779
7248	12907	9221	13761	5691	1280	887	887	2853	732	2018	262	1262	5534
7249	11795	8354	12296	5202	1174	804	804	2557	661	1814	218	1191	5304
7250	11163	7832	11479	4882	1087	763	763	2302	623	1726	197	1135	5142
7251	10890	7555	10997	4726	1083	739	739	2215	606	1682	183	1106	5061
7252	11041	7598	11021	4678	1167	746	746	2237	605	1663	184	1137	5059
7253	12009	8395	11988	4738	1262	768	768	2408	663	1780	206	1260	5164
7254	13806	9993	13984	5113	1448	859	859	2890	776	2044	256	1367	5492
7255	15096	10614	15386	5769	1558	955	955	3166	812	2221	301	1380	5867
7256	17640	10774	15880	6078	1876	1048	1048	3182	825	2240	352	1400	5956
7257	17154	10999	16141	6401	1748	1048	1048	3224	829	2251	365	1406	6051
7258	16050	11373	17102	6456	1607	1028	1028	3327	839	2259	353	1409	6111
7259	15447	11556	18166	6434	1546	1016	1016	3391	841	2288	345	1384	6171
7260	14846	11468	18761	6268	1504	990	990	3384	840	2296	335	1429	6148
7261	14598	11593	19559	6219	1487	976	976	3338	835	2330	324	1443	6157
7262	14452	11666	20275	6100	1482	965	965	3360	837	2370	320	1459	6193
7263	14386	11588	19959	6051	1471	959	959	3273	832	2410	316	1461	6205
7264	14393	11499	19273	6059	1468	959	959	3317	831	2425	315	1483	6240
7265	14663	11821	19524	6409	1484	969	969	3427	828	2423	320	1693	6367
7266	16150	13111	20555	7283	1490	1041	1041	3649	893	2485	348	1781	6625
7267	17559	13561	20351	7278	1518	1088	1088	3807	964	2731	371	1787	6536
7268	17183	12517	18766	6978	1530	1118	1118	3672	940	2581	377	1663	6312
7269	16005	11274	16850	6528	1511	1063	1063	3533	894	2390	352	1523	6121
7270	14615	10614	15904	6167	1490	986	986	3259	821	2273	314	1412	5913
7271	14197	10180	15164	5958	1457	950	950	3154	791	2203	297	1378	5820
7272	12973	9156	13803	5740	1274	874	874	2872	713	2022	255	1254	5590
7273	11752	8345	12498	5273	1118	813	813	2522	650	1796	219	1211	5362
7274	10982	7775	11589	4921	1067	786	786	2324	624	1693	198	1149	5193
7275	10708	7456	11166	4756	1080	774	774	2206	604	1617	186	1129	5070
7276	10737	7547	11161	4704	1114	767	767	2218	607	1607	190	1155	5036
7277	11755	8374	12068	4786	1238	808	808	2389	660	1740	213	1285	5157
7278	13764	10072	14262	5140	1440	883	883	2826	776	2030	259	1392	5480
7279	14982	10668	15731	5871	1549	957	957	3166	811	2250	301	1407	5810
7280	16826	10857	16116	6230	1776	1078	1078	3193	820	2279	350	1419	5867
7281	16294	11015	16318	6539	1675	1063	1063	3232	830	2290	360	1428	5912
7282	15412	11258	17083	6511	1569	1040	1040	3347	840	2292	351	1430	5974
7283	15038	11517	18037	6439	1531	1017	1017	3413	845	2313	341	1437	6049
7284	14636	11552	18718	6289	1491	993	993	3394	843	2327	340	1445	6096
7285	14464	11528	19350	6209	1481	973	973	3453	832	2354	330	1461	6094
7286	14368	11587	20016	6159	1481	967	967	3407	830	2389	326	1485	6070
7287	14322	11539	19852	6127	1478	959	959	3375	824	2415	321	1510	6065
7288	14326	11479	19288	6151	1466	960	960	3312	828	2451	319	1541	6144
7289	14568	11628	19230	6415	1479	969	969	3410	830	2464	325	1733	6282
7290	15575	12841	19962	7143	1482	1036	1036	3674	909	2583	353	1805	6590
7291	16201	13290	19574	7215	1517	1082	1082	3825	977	2739	369	1779	6584
7292	16016	12419	18327	6960	1531	1096	1096	3731	941	2587	380	1657	6332
7293	15233	11281	16773	6560	1513	1059	1059	3544	901	2418	353	1523	6094
7294	14412	10662	16124	6242	1491	980	980	3260	824	2292	313	1433	5866
7295	14037	10285	15301	6045	1457	947	947	3159	797	2226	297	1398	5798
7296	12501	9322	13804	5808	1239	874	874	2869	723	2025	257	1289	5575
7297	11618	8477	12448	5245	1054	818	818	2479	667	1828	215	1209	5278
7298	10943	7895	11536	4885	1004	789	789	2246	621	1704	192	1157	5143



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7299	10687	7600	11042	4701	1018	750	750	2169	608	1675	182	1125	5051
7300	10803	7642	11041	4628	1045	747	747	2179	609	1644	184	1156	5049
7301	11710	8516	12007	4661	1175	776	776	2352	663	1761	206	1274	5149
7302	13585	10132	14185	5081	1382	854	854	2908	777	2079	254	1391	5525
7303	14753	10767	15784	5843	1508	949	949	3168	811	2258	300	1405	5889
7304	16571	10904	16183	6159	1764	1019	1019	3192	820	2286	338	1425	6008
7305	15906	11088	16391	6412	1668	1020	1020	3213	829	2286	351	1435	6100
7306	15165	11370	17149	6348	1569	1017	1017	3329	834	2291	341	1439	6143
7307	14822	11564	17930	6333	1517	1007	1007	3366	843	2308	338	1450	6176
7308	14498	11462	18615	6214	1484	989	989	3376	838	2327	333	1463	6200
7309	14367	11527	19172	6170	1470	972	972	3324	836	2349	327	1484	6151
7310	14285	11627	19778	6105	1466	964	964	3356	833	2381	321	1511	6137
7311	14248	11534	19684	6073	1461	957	957	3328	836	2416	318	1541	6145
7312	14252	11522	19191	6099	1451	959	959	3315	834	2420	315	1554	6193
7313	14461	11688	19128	6360	1467	977	977	3398	832	2444	319	1731	6306
7314	15405	12584	19906	7009	1488	1044	1044	3700	898	2492	345	1756	6654
7315	16205	13134	19404	7202	1558	1097	1097	3810	954	2677	368	1746	6672
7316	16114	12326	18169	6992	1574	1098	1098	3661	930	2527	362	1637	6414
7317	15377	11323	16861	6597	1528	1059	1059	3549	887	2390	343	1518	6156
7318	14458	10767	16200	6252	1483	983	983	3255	822	2288	310	1438	5925
7319	14078	10370	15448	6013	1453	947	947	3161	798	2234	297	1403	5861
7320	12972	9283	14005	5819	1301	884	884	2879	726	2025	260	1294	5621
7321	11733	8502	12725	5281	1083	799	799	2513	666	1805	223	1208	5304
7322	11073	7876	11789	4899	1070	772	772	2306	626	1686	202	1157	5126
7323	10827	7537	11224	4707	1087	758	758	2213	601	1628	190	1137	5033
7324	10975	7555	11127	4671	1141	748	748	2226	604	1623	190	1153	4994
7325	11857	8425	12153	4753	1265	782	782	2358	654	1751	207	1271	5071
7326	13714	10040	14210	5185	1446	860	860	2926	772	2052	250	1369	5455
7327	15074	10597	15577	5907	1559	958	958	3171	810	2216	295	1381	5862
7328	17756	10929	15867	6308	1837	1066	1066	3196	820	2260	325	1405	6037
7329	17446	11291	16194	6775	1779	1111	1111	3271	833	2275	352	1414	6185
7330	16361	11836	17104	6803	1684	1100	1100	3446	849	2280	356	1420	6360
7331	15638	12105	17995	6762	1575	1085	1085	3544	854	2317	357	1435	6389
7332	14975	11854	18514	6529	1545	1045	1045	3292	855	2320	347	1438	6339
7333	14588	11805	19034	6417	1517	1020	1020	3475	854	2332	332	1459	6240
7334	14419	11799	19393	6325	1511	989	989	3472	847	2364	325	1474	6217
7335	14328	11605	19022	6196	1508	981	981	3426	840	2377	318	1478	6153
7336	14309	11406	18268	6179	1508	978	978	3411	836	2362	314	1481	6161
7337	14530	11631	18187	6408	1509	998	998	3516	832	2350	313	1649	6329
7338	15500	12466	18422	7045	1532	1084	1084	3746	896	2366	333	1691	6662
7339	16053	12651	17924	7071	1556	1091	1091	3764	916	2482	343	1667	6610
7340	15437	11701	16892	6738	1571	1062	1062	3558	879	2336	334	1575	6287
7341	14812	10823	16092	6367	1547	1032	1032	3387	857	2260	315	1491	6068
7342	14309	10554	15830	6140	1521	978	978	3201	818	2218	298	1419	5891
7343	14094	10189	15095	6056	1506	956	956	3154	803	2180	293	1402	5831
7344	13141	9312	13787	5850	1432	921	921	2907	756	1986	268	1291	5604
7345	11976	8530	12590	5332	1311	830	830	2673	687	1840	229	1243	5379
7346	11265	8010	11717	4941	1254	807	807	2423	644	1735	203	1159	5198
7347	10948	7595	11114	4723	1268	773	773	2282	611	1664	190	1117	5064
7348	10929	7457	10891	4640	1309	755	755	2247	597	1633	191	1117	5008
7349	11482	7762	11149	4653	1366	763	763	2323	617	1666	200	1174	5045
7350	12576	8567	12010	4844	1451	807	807	2524	677	1825	225	1194	5190
7351	13577	9134	12724	5241	1487	889	889	2744	723	1979	257	1177	5456
7352	14062	9561	13610	5641	1575	929	929	2869	755	2053	272	1303	5594
7353	15548	9744	14023	5761	1719	957	957	2910	766	2076	281	1364	5650
7354	15915	10156	14488	6024	1757	1003	1003	2969	781	2107	300	1375	5729
7355	15238	10357	15233	6088	1655	1012	1012	3015	787	2126	306	1384	5835
7356	14415	10271	15690	6006	1553	991	991	3020	781	2126	298	1392	5887
7357	13855	10157	15872	5869	1492	960	960	2977	772	2131	288	1395	5852
7358	13641	9981	15728	5764	1471	938	938	2934	769	2125	278	1404	5800
7359	13618	9897	15436	5718	1456	931	931	2911	768	2124	274	1400	5752
7360	13610	9918	15372	5716	1433	930	930	2907	766	2130	273	1411	5800
7361	13732	10444	16128	5929	1470	938	938	3003	773	2150	276	1580	6006
7362	14760	11886	18206	6636	1492	1013	1013	3279	861	2252	303	1664	6491
7363	15416	12257	18764	6706	1561	1052	1052	3468	917	2452	334	1632	6374
7364	14980	11264	17091	6373	1563	1043	1043	3339	872	2324	343	1525	6032
7365	14336	10225	15282	6055	1525	1000	1000	3182	827	2193	325	1442	5845
7366	13749	9683	14134	5827	1498	950	950	3036	779	2099	295	1382	5683
7367	13541	9518	13813	5703	1484	928	928	2914	762	2067	273	1367	5642
7368	12638	8808	12870	5576	1446	877	877	2830	713	1962	261	1312	5518
7369	11936	8168	11954	5125	1366	840	840	2614	662	1799	230	1227	5312
7370	11397	7460	11816	4608	1325	809	809	2448	617	1693	207	1151	5144
7371	11035	7323	10506	4533	1354	776	776	2412	596	1621	198	1091	5015
7372	11119	7090	10291	4445	1340	772	772	2274	582	1602	194	1084	4936
7373	11473	7301	10287	4446	1368	792	792	2300	600	1621	200	1124	4915
7374	12314	7831	10806	4645	1412	831	831	2336	651	1738	218	1125	5046
7375	13347	8319	11012	4986	1471	881	881	2531	679	1873	242	1102	5212
7376	13594	8996	12202	5445	1522	909	909	2651	719	1955	255	1260	5348
7377	14241	9310	13103	5674	1652	921	921	2807	747	2013	261	1330	5520
7378	14571	9395	13339	5758	1677	930	930	2836	750	2018	262	1349	5585
7379	14311	9504	13529	5837	1586	934	934	2842	755	2027	262	1352	5617
7380	13907	9521	13894	5838	1502	927	927	2851	756	2036	258	1355	5672

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7381	13701	9512	14146	5786	1475	922	922	2849	755	2044	259	1356	5704
7382	13585	9470	14296	5734	1466	916	916	2843	752	2046	255	1364	5684
7383	13559	9462	14307	5709	1451	915	915	2838	750	2050	255	1369	5685
7384	13564	9501	14368	5732	1443	915	915	2838	750	2057	255	1384	5739
7385	13845	10105	15677	6026	1469	925	925	2916	759	2083	257	1598	6011
7386	15283	11570	18776	6698	1496	1042	1042	3304	874	2210	285	1648	6556
7387	15858	12350	19101	6624	1612	1098	1098	3634	958	2485	321	1601	6423
7388	15585	11486	17460	6394	1611	1097	1097	3519	920	2370	322	1518	6209
7389	14676	10387	15440	6131	1554	1048	1048	3375	853	2217	309	1429	6030
7390	13795	9568	13635	5853	1500	962	962	3149	785	2086	280	1361	5774
7391	13451	9278	13231	5676	1466	915	915	2897	749	2016	255	1340	5587
7392	12317	8629	12448	5457	1370	860	860	2814	698	1876	236	1302	5485
7393	11395	7677	11388	5053	1219	814	814	2530	648	1701	210	1173	5238
7394	10856	7279	10774	4769	1190	780	780	2377	619	1639	196	1128	5060
7395	10836	7119	10496	4613	1189	765	765	2326	600	1626	192	1104	4983
7396	11124	7332	10762	4623	1226	768	768	2349	612	1630	200	1146	4996
7397	12189	8253	11893	4741	1341	802	802	2535	662	1768	221	1277	5091
7398	14085	9893	14016	5168	1503	876	876	2988	770	2074	266	1386	5457
7399	15222	10584	15365	5945	1597	972	972	3212	819	2226	306	1402	5884
7400	17148	10821	15650	6272	1873	1065	1065	3234	834	2282	336	1420	6017
7401	16757	11167	16364	6525	1762	1081	1081	3282	845	2294	352	1423	6150
7402	16037	11425	17811	6566	1644	1071	1071	3422	856	2286	353	1427	6252
7403	15508	11647	18740	6580	1594	1055	1055	3477	865	2298	351	1432	6375
7404	15069	11520	19457	6464	1549	1026	1026	3442	857	2307	345	1436	6357
7405	14865	11485	20039	6394	1530	1006	1006	3387	844	2311	334	1441	6302
7406	14725	11450	20311	6290	1526	988	988	3358	841	2327	328	1445	6305
7407	14646	11310	19311	6255	1511	981	981	3357	833	2335	324	1444	6302
7408	14641	11259	18976	6276	1496	981	981	3333	829	2344	323	1456	6315
7409	14887	11900	19523	6556	1523	1004	1004	3523	832	2335	330	1659	6538
7410	16226	13653	21684	7218	1539	1129	1129	4084	949	2446	365	1712	6928
7411	16945	13624	20703	7081	1599	1177	1177	4122	1008	2692	389	1673	6746
7412	16544	12553	18835	6814	1615	1170	1170	3914	961	2524	370	1602	6493
7413	15618	11207	16622	6504	1578	1104	1104	3698	934	2366	351	1490	6299
7414	14753	10577	15638	6262	1534	998	998	3318	845	2259	319	1424	6040
7415	14376	10139	14935	6145	1504	962	962	3212	813	2199	304	1380	5946
7416	13047	9225	13629	5882	1302	887	887	2945	754	2009	273	1265	5718
7417	11799	8342	12245	5302	1176	800	800	2611	689	1763	235	981	5363
7418	11141	7831	11470	4911	1083	767	767	2336	653	1680	217	877	5178
7419	10890	7557	10991	4724	1083	739	739	2275	634	1650	205	830	5075
7420	11069	7647	11049	4678	1191	740	740	2307	627	1640	207	911	5059
7421	12122	8483	12045	4724	1297	772	772	2464	664	1777	226	1176	5122
7422	14061	10044	14004	5141	1473	870	870	2936	765	2069	271	1372	5427
7423	15185	10618	15299	5886	1576	967	967	3210	819	2215	309	1389	5903
7424	16940	10806	15609	6180	1856	1067	1067	3230	829	2273	353	1411	6022
7425	16478	11028	15968	6387	1706	1057	1057	3277	838	2263	363	1415	6104
7426	15697	11340	16874	6404	1578	1042	1042	3427	850	2252	351	1416	6154
7427	15234	11433	17726	6370	1535	1027	1027	3510	853	2260	343	1341	6204
7428	14848	11328	18097	6258	1510	1002	1002	3482	850	2251	335	1423	6200
7429	14711	11377	18579	6226	1503	981	981	3424	841	2262	325	1426	6193
7430	14646	11354	18912	6162	1497	973	973	3429	841	2272	322	1431	6206
7431	14628	11270	18402	6140	1482	969	969	3327	835	2280	319	1430	6205
7432	14635	11258	17763	6162	1475	969	969	3376	834	2278	319	1445	6231
7433	14961	11905	18567	6500	1502	987	987	3630	837	2270	326	1653	6420
7434	16453	13561	20555	7283	1518	1120	1120	4147	945	2358	366	1710	6824
7435	17202	13486	19772	7123	1562	1172	1172	4246	1009	2569	390	1669	6623
7436	16635	12358	18176	6808	1561	1168	1168	4004	964	2452	377	1590	6390
7437	15756	11214	16471	6490	1540	1097	1097	3743	932	2324	351	1496	6236
7438	14786	10615	15605	6247	1513	1006	1006	3338	846	2239	319	1419	6034
7439	14423	10168	14852	6095	1466	963	963	3202	812	2177	305	1353	5954
7440	13098	9136	13527	5841	1219	889	889	2952	745	1957	268	1108	5700
7441	11845	8293	12295	5311	1087	824	824	2597	670	1769	231	1213	5436
7442	11056	7774	11448	4936	1067	787	787	2419	640	1676	210	1151	5225
7443	10708	7456	11080	4757	1095	781	781	2311	620	1615	198	1133	5083
7444	10772	7570	11105	4704	1159	767	767	2331	614	1607	203	1167	5036
7445	11851	8429	12049	4805	1260	813	813	2500	650	1757	225	1308	5131
7446	14027	10069	14161	5208	1445	900	900	2901	761	2058	269	1407	5444
7447	15459	10597	15459	5999	1606	975	975	3204	818	2240	310	1418	5857
7448	17858	10882	15680	6366	1963	1087	1087	3234	828	2320	347	1425	5959
7449	17192	11053	16045	6662	1823	1077	1077	3278	838	2296	358	1427	6005
7450	16092	11308	16817	6601	1640	1056	1056	3409	847	2276	353	1428	6045
7451	15596	11467	17585	6525	1577	1037	1037	3473	853	2274	347	1431	6099
7452	15095	11409	18026	6393	1517	1013	1013	3433	849	2267	343	1433	6138
7453	14901	11291	18367	6342	1493	992	992	3401	836	2271	335	1439	6124
7454	14777	11224	18675	6289	1492	985	985	3407	832	2274	332	1447	6112
7455	14715	11119	18237	6278	1490	978	978	3396	826	2275	327	1452	6106
7456	14750	11083	17648	6326	1481	978	978	3334	829	2284	325	1469	6160
7457	15349	11500	18279	6707	1493	996	996	3531	834	2293	334	1661	6315
7458	17342	13290	20016	7593	1510	1112	1112	4031	946	2430	369	1718	6693
7459	17980	13282	19210	7438	1609	1161	1161	4052	999	2590	385	1663	6560
7460	17192	12305	17962	7112	1601	1136	1136	3876	952	2470	380	1586	6353
7461	15973	11157	16401	6684	1560	1087	1087	3622	923	2354	352	1495	6179
7462	14804	10567	15673	6365	1507	1000	1000	3293	842	2247	319	1430	5990

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7463	14373	10174	14935	6185	1469	965	965	3187	811	2191	306	1392	5923
7464	12806	9175	13525	5904	1302	889	889	2886	738	1981	267	1290	5704
7465	11726	8410	12321	5273	1057	818	818	2570	687	1786	228	1211	5370
7466	10980	7865	11494	4878	1008	780	780	2340	643	1683	206	1162	5186
7467	10687	7600	11041	4688	1004	752	752	2290	624	1666	197	1133	5067
7468	10800	7679	11054	4628	1064	747	747	2291	623	1644	199	1173	5068
7469	11779	8534	12053	4699	1170	778	778	2448	658	1777	221	1296	5148
7470	13848	10138	14135	5168	1407	869	869	2962	765	2096	266	1400	5491
7471	15334	10665	15494	5992	1552	973	973	3199	815	2241	309	1408	5930
7472	18174	10897	15742	6311	1942	1065	1065	3215	828	2320	346	1419	6058
7473	17039	11108	16127	6575	1789	1060	1060	3248	836	2290	358	1423	6132
7474	15878	11353	16986	6537	1643	1051	1051	3374	842	2265	349	1425	6168
7475	15331	11462	17665	6499	1570	1037	1037	3419	855	2263	346	1430	6198
7476	14856	11274	18111	6370	1519	1015	1015	3417	846	2263	342	1435	6225
7477	14680	11238	18356	6315	1496	995	995	3352	838	2262	333	1442	6170
7478	14593	11225	18564	6257	1481	986	986	3368	836	2270	326	1451	6145
7479	14560	11096	18199	6220	1468	980	980	3349	836	2279	323	1459	6137
7480	14589	11046	17645	6261	1457	982	982	3349	834	2272	321	1467	6182
7481	15178	11515	18221	6647	1487	1010	1010	3540	839	2293	328	1677	6344
7482	17412	12981	19906	7533	1541	1133	1133	4055	958	2383	365	1705	6763
7483	18411	13134	19141	7531	1673	1199	1199	4087	1014	2605	393	1666	6698
7484	17677	12225	17811	7198	1665	1157	1157	3811	968	2466	373	1587	6477
7485	16402	11189	16485	6792	1579	1109	1109	3678	934	2341	350	1493	6255
7486	14900	10635	15739	6424	1513	1010	1010	3299	848	2246	319	1425	6033
7487	14374	10257	15075	6175	1468	969	969	3193	810	2189	306	1394	5972
7488	13174	9206	13757	5961	1306	899	899	2952	745	1977	274	1296	5746
7489	11807	8432	12486	5353	1070	803	803	2540	689	1776	226	1204	5463
7490	11083	7846	11613	4914	1118	773	773	2343	648	1672	201	1154	5296
7491	10827	7537	11127	4709	1104	756	756	2253	622	1623	190	1137	5200
7492	11030	7589	11130	4671	1189	748	748	2270	624	1632	190	1169	5139
7493	12040	8478	12154	4789	1290	785	785	2409	654	1767	210	1297	5181
7494	14053	10055	14148	5271	1478	877	877	2998	761	2073	257	1387	5484
7495	15478	10560	15360	6066	1619	979	979	3220	816	2226	306	1394	5907
7496	18092	10952	15560	6470	1986	1125	1125	3251	836	2370	349	1406	6055
7497	17601	11278	16152	6913	1909	1154	1154	3347	862	2341	385	1407	6183
7498	16403	11609	17294	6932	1770	1133	1133	3584	889	2293	388	1412	6283
7499	15655	11699	18266	6851	1640	1110	1110	3651	899	2312	390	1420	6313
7500	15031	11379	18650	6614	1572	1061	1061	3336	897	2275	374	1419	6324
7501	14717	11244	18928	6513	1536	1036	1036	3541	884	2261	353	1428	6217
7502	14610	11183	19034	6406	1534	1008	1008	3528	865	2269	340	1426	6220
7503	14572	11036	18348	6323	1527	998	998	3457	856	2262	330	1422	6193
7504	14572	10951	17461	6326	1520	995	995	3457	849	2233	326	1425	6185
7505	14862	11418	18130	6670	1531	1015	1015	3692	858	2221	328	1644	6326
7506	16129	12651	19393	7465	1574	1181	1181	4154	1028	2302	373	1691	6697
7507	16476	12321	18269	7239	1629	1167	1167	4139	1038	2482	392	1634	6510
7508	15728	11488	16906	6860	1627	1098	1098	3752	945	2307	363	1556	6249
7509	15124	10738	15886	6512	1593	1057	1057	3521	913	2226	334	1483	6109
7510	14616	10485	15518	6284	1558	1002	1002	3267	843	2174	312	1412	5985
7511	14400	10142	14862	6208	1533	976	976	3207	813	2138	304	1395	5937
7512	13320	9263	13623	5964	1466	938	938	2962	775	1959	278	1283	5735
7513	12115	8487	12499	5417	1312	841	841	2681	693	1817	234	1235	5473
7514	11314	7986	11748	4991	1254	809	809	2424	646	1716	205	1152	5264
7515	10929	7570	11219	4747	1281	775	775	2278	611	1651	190	1117	5146
7516	10951	7457	11063	4640	1326	755	755	2247	597	1633	192	1131	5091
7517	11559	7795	11334	4647	1402	774	774	2339	609	1683	202	1199	5097
7518	12737	8631	12186	4863	1499	829	829	2556	668	1856	232	1224	5216
7519	13843	9175	12743	5301	1526	910	910	2798	726	2002	269	1202	5461
7520	14390	9613	13616	5775	1627	948	948	2938	762	2038	285	1316	5642
7521	16272	9814	13927	5909	1765	983	983	2979	775	2085	298	1362	5716
7522	16948	10178	14450	6164	1785	1028	1028	3047	795	2128	319	1369	5754
7523	16120	10311	15126	6250	1698	1034	1034	3090	802	2131	323	1372	5822
7524	15019	10187	15474	6181	1590	1008	1008	3084	793	2112	312	1373	5875
7525	14248	10047	15468	6068	1526	975	975	3022	781	2092	300	1369	5859
7526	13960	9886	15167	5959	1489	954	954	2975	776	2068	289	1368	5815
7527	13930	9799	14878	5904	1461	949	949	2964	774	2055	285	1364	5783
7528	13927	9834	14734	5914	1441	949	949	2964	773	2052	285	1369	5805
7529	14160	10580	15951	6290	1506	960	960	3110	780	2064	288	1374	5994
7530	15638	12257	18764	7153	1542	1091	1091	3610	922	2199	330	1664	6508
7531	16059	12033	18367	6995	1636	1128	1128	3688	973	2452	372	1606	6322
7532	15370	11071	16705	6522	1607	1091	1091	3469	917	2324	365	1518	6033
7533	14629	10174	15041	6181	1566	1033	1033	3302	864	2184	343	1435	5888
7534	14020	9694	14010	5968	1536	977	977	3120	806	2078	310	1379	5764
7535	13787	9532	13723	5870	1521	948	948	2975	773	2037	285	1362	5717
7536	12692	8803	12862	5704	1481	903	903	2892	736	1935	271	1308	5627
7537	12032	8161	11998	5284	1386	858	858	2626	676	1778	236	1219	5431
7538	11441	7451	11864	4789	1333	825	825	2419	625	1675	207	1143	5271
7539	11035	7327	10659	4693	1350	781	781	2360	601	1615	198	1085	5148
7540	11098	7090	10483	4576	1325	772	772	2274	582	1602	194	1084	5068
7541	11466	7315	10511	4571	1383	795	795	2301	602	1648	201	1144	5042
7542	12371	7826	11019	4756	1427	847	847	2377	644	1771	224	1156	5147
7543	13446	8330	11144	5092	1503	905	905	2568	684	1917	253	1131	5289
7544	13800	9063	12302	5530	1567	930	930	2706	721	1980	266	1286	5448

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7545	14535	9363	13091	5793	1743	942	942	2885	756	1997	274	1336	5602
7546	14974	9455	13285	5871	1781	950	950	2914	760	2008	275	1347	5680
7547	14683	9540	13435	5978	1683	954	954	2920	763	2013	273	1348	5696
7548	14223	9561	13717	5983	1568	947	947	2928	764	2014	269	1348	5741
7549	13989	9541	13873	5940	1512	943	943	2929	761	2012	270	1347	5781
7550	13831	9496	13946	5885	1497	936	936	2921	759	2005	266	1347	5761
7551	13787	9487	13922	5859	1480	935	935	2914	758	2002	266	1347	5756
7552	13819	9524	14001	5909	1461	935	935	2914	758	2003	266	1353	5790
7553	14431	10310	15617	6364	1500	945	945	3025	765	2019	267	1606	6042
7554	16660	12187	19101	7243	1559	1087	1087	3510	904	2163	304	1648	6626
7555	16835	12350	18374	6924	1738	1121	1121	3691	977	2485	348	1572	6406
7556	16103	11382	16764	6543	1699	1093	1093	3539	939	2363	333	1498	6176
7557	14949	10340	15056	6248	1599	1043	1043	3377	877	2209	316	1423	6039
7558	13962	9572	13532	5946	1534	964	964	3166	811	2077	288	1359	5855
7559	13588	9320	13181	5798	1491	934	934	2952	759	1995	266	1337	5687
7560	12239	8628	12449	5540	1355	847	847	2877	712	1855	239	1301	5605
7561	11443	7749	11505	5095	1316	816	816	2531	650	1695	209	1157	5324
7562	10863	7328	10924	4785	1311	788	788	2381	621	1627	195	1118	5136
7563	10836	7187	10668	4613	1320	765	765	2326	600	1626	192	1104	5050
7564	11091	7397	10950	4613	1347	772	772	2362	607	1640	200	1160	5052
7565	12163	8280	12006	4739	1418	799	799	2566	639	1794	226	1310	5107
7566	14130	9942	14050	5183	1525	891	891	3038	751	2096	276	1406	5375
7567	15204	10598	15293	5997	1617	984	984	3248	825	2253	315	1415	5866
7568	16986	10780	15591	6340	1873	1047	1047	3265	841	2367	353	1419	6060
7569	16608	11007	16142	6593	1740	1058	1058	3296	852	2352	367	1419	6149
7570	15955	11255	17201	6652	1627	1051	1051	3418	859	2303	363	1421	6226
7571	15524	11382	17887	6679	1590	1043	1043	3463	865	2289	358	1423	6310
7572	15142	11282	18397	6570	1550	1021	1021	3431	857	2277	348	1423	6323
7573	14956	11239	18801	6514	1536	1007	1007	3393	842	2264	336	1423	6263
7574	14846	11188	18946	6413	1529	991	991	3359	839	2262	330	1422	6237
7575	14784	11090	18158	6390	1504	990	990	3347	833	2255	326	1421	6236
7576	14804	11073	17993	6437	1495	991	991	3348	829	2251	325	1431	6259
7577	15318	11902	19271	6870	1530	1016	1016	3555	837	2248	334	1679	6507
7578	17357	13653	21684	7792	1552	1142	1142	4122	973	2409	385	1713	6928
7579	17745	13001	19744	7419	1619	1177	1177	4083	1018	2692	410	1642	6625
7580	17017	12089	18137	7024	1611	1137	1137	3861	963	2512	374	1581	6417
7581	15933	11058	16375	6666	1571	1080	1080	3655	948	2359	355	1481	6296
7582	14935	10596	15580	6388	1541	1002	1002	3338	870	2248	325	1420	6113
7583	14528	10157	14933	6248	1511	974	974	3246	825	2178	312	1369	6029
7584	13227	9258	13709	5963	1350	899	899	2957	768	1990	276	1244	5803
7585	11889	8390	12236	5327	1381	792	792	2615	698	1747	238	954	5451
7586	11163	7827	11457	4914	1354	769	769	2348	661	1663	218	862	5223
7587	10890	7614	10991	4719	1336	739	739	2275	641	1642	206	830	5161
7588	11069	7707	11072	4678	1367	746	746	2309	627	1640	208	930	5136
7589	12153	8550	12060	4691	1410	777	777	2490	650	1782	228	1222	5149
7590	14151	10083	14041	5152	1483	879	879	2969	744	2087	275	1395	5385
7591	15278	10640	15284	5970	1585	986	986	3241	822	2246	315	1408	5867
7592	16977	10792	15589	6277	1925	1054	1054	3258	835	2364	355	1413	6056
7593	16513	10983	15908	6466	1752	1047	1047	3286	841	2318	366	1413	6145
7594	15711	11208	16593	6484	1590	1037	1037	3392	851	2265	357	1415	6197
7595	15209	11270	17199	6475	1552	1025	1025	3462	855	2264	347	1336	6242
7596	14912	11169	17465	6390	1513	1008	1008	3444	850	2238	338	1416	6259
7597	14797	11173	17737	6351	1507	994	994	3408	839	2238	328	1415	6227
7598	14751	11143	17912	6286	1505	990	990	3408	838	2234	326	1416	6234
7599	14743	11059	17505	6268	1497	987	987	3333	833	2226	322	1415	6220
7600	14757	11084	17147	6308	1498	988	988	3380	833	2222	322	1426	6228
7601	15296	11897	18447	6800	1508	1005	1005	3614	840	2225	330	1690	6442
7602	17333	13561	20555	7670	1566	1143	1143	4246	963	2369	383	1726	6962
7603	17718	12979	19025	7341	1677	1172	1172	4188	1009	2635	408	1656	6624
7604	16916	11998	17601	6949	1646	1133	1133	3886	957	2494	380	1591	6394
7605	16013	11111	16264	6631	1603	1081	1081	3681	945	2336	353	1495	6280
7606	14955	10639	15583	6372	1546	1013	1013	3345	866	2234	324	1417	6102
7607	14564	10216	14852	6211	1503	981	981	3237	823	2164	312	1346	6023
7608	13285	9231	13555	5960	1424	897	897	2992	756	1936	275	1081	5788
7609	11853	8425	12327	5368	1233	836	836	2583	680	1760	238	1213	5471
7610	11027	7889	11471	4946	1227	796	796	2424	651	1672	218	1153	5258
7611	10708	7580	11080	4749	1247	787	787	2311	630	1607	206	1133	5122
7612	10820	7682	11126	4704	1280	773	773	2334	614	1608	210	1173	5050
7613	11954	8516	12093	4812	1359	824	824	2516	635	1751	233	1317	5093
7614	14226	10107	14152	5252	1485	916	916	2939	734	2070	276	1404	5355
7615	15646	10599	15384	6087	1617	995	995	3238	822	2235	317	1411	5801
7616	18114	10839	15589	6445	1963	1076	1076	3265	832	2351	349	1415	5994
7617	17396	11037	16005	6670	1818	1071	1071	3313	843	2318	365	1415	6051
7618	16282	11273	16712	6604	1654	1054	1054	3434	856	2282	366	1416	6091
7619	15704	11390	17259	6542	1613	1042	1042	3487	861	2273	360	1417	6137
7620	15200	11284	17508	6434	1564	1022	1022	3457	856	2254	356	1417	6173
7621	15013	11159	17629	6395	1526	1008	1008	3413	842	2250	345	1419	6138
7622	14911	11039	17690	6356	1522	1003	1003	3387	838	2244	338	1420	6122
7623	14867	10947	17285	6350	1520	998	998	3361	830	2239	332	1420	6110
7624	14894	10945	16875	6407	1515	999	999	3317	834	2241	330	1441	6148
7625	15594	11507	17935	6853	1524	1021	1021	3531	843	2251	340	1680	6373
7626	17888	13290	20016	7759	1575	1143	1143	4052	963	2391	391	1718	6913

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7627	18141	12652	18563	7447	1703	1163	1163	3973	999	2615	406	1659	6620
7628	17254	11836	17410	7088	1632	1119	1119	3762	942	2475	384	1585	6395
7629	16124	10994	16114	6717	1583	1076	1076	3552	933	2340	355	1495	6258
7630	15013	10583	15566	6430	1527	1011	1011	3304	861	2235	325	1420	6070
7631	14615	10192	14862	6280	1506	983	983	3222	822	2172	313	1391	5981
7632	13155	9175	13479	5970	1359	903	903	2924	759	1980	276	1289	5787
7633	11927	8462	12351	5292	1267	836	836	2642	702	1787	233	1214	5486
7634	11018	7943	11587	4862	1228	791	791	2436	657	1675	208	1162	5272
7635	10687	7600	11106	4679	1218	761	761	2373	631	1668	197	1133	5138
7636	10752	7650	11073	4628	1254	747	747	2362	623	1644	197	1176	5119
7637	11726	8366	11893	4697	1309	780	780	2480	635	1760	217	1300	5163
7638	13735	9779	13628	5173	1431	871	871	2909	723	2039	261	1388	5421
7639	15095	10283	14718	6065	1539	965	965	3107	798	2179	303	1387	5882
7640	18411	10494	15048	6376	1942	1056	1056	3122	806	2311	340	1400	6081
7641	18125	10888	15355	6590	1865	1072	1072	3159	816	2301	361	1402	6181
7642	17286	11290	16109	6582	1719	1076	1076	3304	830	2254	360	1405	6196
7643	16642	11436	16778	6562	1625	1064	1064	3358	858	2251	362	1409	6216
7644	15691	11188	17113	6462	1549	1042	1042	3364	852	2239	355	1411	6242
7645	15081	11019	17281	6423	1493	1001	1001	3276	835	2218	337	1411	6175
7646	14686	10855	17310	6376	1465	980	980	3276	818	2195	322	1410	6151
7647	14529	10653	16954	6351	1448	969	969	3237	812	2185	314	1409	6142
7648	14550	10604	16467	6400	1432	969	969	3232	808	2165	310	1416	6181
7649	15327	11288	17614	6834	1454	991	991	3484	817	2173	316	1705	6397
7650	18163	13184	19906	7607	1489	1135	1135	4087	960	2296	367	1687	6933
7651	18358	12742	18459	7357	1606	1199	1199	4008	1014	2605	406	1622	6724
7652	17211	11815	17162	7031	1586	1136	1136	3693	955	2444	375	1554	6511
7653	15912	10825	15844	6725	1526	1092	1092	3584	951	2316	348	1470	6321
7654	14612	10283	15050	6443	1478	990	990	3220	871	2193	314	1403	6105
7655	14144	9976	14545	6283	1456	960	960	3113	801	2122	301	1377	6036
7656	12602	9040	13390	5990	1361	886	886	2923	754	1940	268	1297	5851
7657	11846	8344	12375	5429	1231	805	805	2587	694	1755	229	1214	5563
7658	11163	7813	11604	4993	1274	779	779	2412	650	1658	207	1172	5359
7659	10895	7537	11213	4792	1256	753	753	2328	623	1623	198	1157	5231
7660	11044	7628	11222	4756	1297	748	748	2346	622	1646	199	1198	5193
7661	11916	8403	12123	4853	1355	787	787	2458	634	1792	218	1314	5199
7662	13698	9789	13812	5307	1481	875	875	2966	727	2071	261	1387	5450
7663	14885	10241	14807	6102	1600	967	967	3163	803	2233	304	1390	5886
7664	17698	10476	15072	6466	1986	1051	1051	3185	816	2428	330	1402	6069
7665	17784	10823	15392	6838	1932	1080	1080	3253	840	2406	361	1403	6184
7666	16852	11107	16079	6848	1750	1076	1076	3452	865	2313	368	1406	6258
7667	16041	11190	16668	6759	1637	1057	1057	3520	876	2303	368	1410	6260
7668	15142	10934	16896	6549	1565	1021	1021	3251	870	2250	356	1408	6266
7669	14676	10783	17045	6452	1517	1000	1000	3425	845	2217	338	1411	6180
7670	14451	10691	17007	6365	1515	983	983	3396	837	2214	327	1409	6173
7671	14365	10589	16583	6314	1506	975	975	3339	827	2198	319	1406	6149
7672	14387	10556	16150	6332	1501	973	973	3336	821	2178	315	1413	6152
7673	15261	11289	17341	6705	1513	992	992	3622	832	2175	321	1691	6329
7674	18092	12971	18901	7527	1597	1181	1181	4154	1017	2333	378	1679	6706
7675	17959	12019	17403	7178	1698	1145	1145	4040	1038	2594	397	1595	6462
7676	16474	11234	16300	6822	1662	1073	1073	3644	946	2361	359	1535	6250
7677	15467	10520	15452	6529	1608	1039	1039	3462	923	2254	333	1474	6148
7678	14501	10239	15071	6334	1563	987	987	3213	859	2172	312	1412	6048
7679	14247	9978	14611	6247	1517	965	965	3168	808	2128	303	1396	6009
7680	13396	9207	13605	6031	1482	926	926	2977	776	1977	281	1281	5838
7681	12154	8425	12361	5497	1375	864	864	2660	708	1807	237	1245	5606
7682	11385	7950	11655	5081	1330	845	845	2411	662	1721	209	1162	5352
7683	11013	7584	11172	4874	1343	822	822	2258	624	1647	195	1131	5242
7684	11040	7487	11048	4786	1374	809	809	2247	611	1635	193	1150	5179
7685	11597	7823	11299	4809	1424	822	822	2339	615	1695	206	1226	5155
7686	12663	8607	12149	4991	1499	862	862	2562	659	1883	235	1251	5250
7687	13791	9112	12615	5420	1528	917	917	2789	712	2033	273	1219	5456
7688	14197	9604	13527	5864	1608	948	948	2900	745	2060	287	1326	5672
7689	15785	9767	13823	5989	1728	964	964	2954	767	2113	297	1369	5768
7690	16692	10055	14039	6180	1785	994	994	3003	782	2146	313	1373	5793
7691	16166	10156	14320	6250	1700	1003	1003	3031	789	2137	315	1375	5836
7692	15182	10053	14448	6209	1597	985	985	3027	784	2112	306	1375	5877
7693	14429	9937	14423	6133	1529	965	965	2969	774	2090	297	1373	5867
7694	14101	9816	14299	6056	1502	951	951	2942	769	2071	290	1373	5835
7695	14027	9759	14176	6012	1494	950	950	2938	767	2063	287	1372	5811
7696	14038	9807	14126	6028	1488	949	949	2938	767	2061	287	1376	5827
7697	14755	10678	15045	6450	1525	968	968	3122	772	2067	290	1618	6005
7698	17011	12248	16765	7253	1594	1110	1110	3688	930	2190	341	1638	6508
7699	16810	11574	16019	6951	1719	1128	1128	3604	973	2394	376	1573	6286
7700	15747	10772	15189	6515	1645	1075	1075	3394	918	2297	355	1506	6042
7701	14866	10080	14408	6231	1588	1023	1023	3281	868	2183	335	1436	5933
7702	14132	9701	13881	6052	1541	977	977	3117	812	2096	309	1389	5830
7703	13913	9560	13658	5969	1526	949	949	2961	770	2058	288	1372	5777
7704	12964	8897	12856	5819	1494	920	920	2891	744	1956	273	1317	5729
7705	12252	8230	11970	5460	1389	871	871	2662	681	1801	239	1241	5537
7706	11644	7714	11216	5169	1337	843	843	2458	628	1687	208	1171	5346
7707	11312	7366	10679	4971	1325	795	795	2409	604	1636	198	1123	5208
7708	11352	7226	10483	4864	1335	792	792	2309	582	1622	194	1134	5116

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7709	11666	7458	10549	4860	1383	806	806	2353	602	1683	200	1189	5091
7710	12488	7992	11106	5010	1430	855	855	2507	637	1819	223	1221	5168
7711	13461	8449	11211	5290	1511	909	909	2635	680	1975	253	1164	5303
7712	13905	9134	12364	5626	1547	937	937	2769	714	2028	269	1290	5518
7713	14438	9415	13129	5874	1689	948	948	2906	754	2041	274	1343	5661
7714	14894	9509	13314	5929	1762	957	957	2936	760	2051	276	1361	5755
7715	14716	9581	13403	6013	1694	960	960	2940	763	2053	275	1361	5768
7716	14318	9596	13542	6019	1596	956	956	2949	763	2047	272	1361	5795
7717	14108	9562	13590	5986	1528	954	954	2948	761	2044	273	1361	5826
7718	13954	9516	13618	5938	1519	946	946	2941	759	2038	269	1361	5809
7719	13911	9507	13596	5922	1506	945	945	2937	759	2036	269	1361	5806
7720	13930	9548	13646	5970	1488	945	945	2938	759	2036	269	1367	5834
7721	14544	10472	14680	6413	1518	958	958	3116	769	2049	271	1614	6069
7722	16666	12327	16328	7243	1608	1104	1104	3712	923	2186	311	1639	6626
7723	16835	11873	15951	6941	1781	1121	1121	3695	977	2450	348	1578	6443
7724	16219	11043	15185	6618	1722	1095	1095	3517	940	2337	335	1507	6210
7725	15216	10184	14313	6356	1614	1050	1050	3366	876	2221	320	1437	6097
7726	14186	9547	13467	6070	1556	978	978	3163	814	2108	293	1375	5940
7727	13800	9331	13240	5892	1516	945	945	2981	760	2034	270	1353	5774
7728	12679	8614	12538	5721	1410	877	877	2888	711	1887	245	1318	5699
7729	11864	7802	11562	5306	1322	859	859	2628	665	1711	216	1194	5473
7730	11331	7344	10926	5012	1311	820	820	2494	638	1640	201	1148	5281
7731	11317	7187	10668	4854	1318	805	805	2439	617	1626	198	1135	5197
7732	11618	7364	10933	4842	1342	811	811	2459	622	1645	205	1186	5192
7733	12648	8292	12035	4964	1421	835	835	2649	652	1810	229	1326	5246
7734	14479	10007	14103	5382	1555	914	914	3090	750	2136	278	1425	5472
7735	15522	10665	15336	6113	1644	996	996	3303	828	2277	321	1431	5934
7736	17428	10854	15596	6437	1873	1056	1056	3316	843	2381	349	1433	6127
7737	17009	11054	15899	6679	1766	1062	1062	3344	851	2373	362	1433	6207
7738	16242	11270	16422	6728	1670	1056	1056	3444	859	2321	361	1436	6255
7739	15771	11343	16782	6759	1644	1049	1049	3478	865	2299	357	1436	6316
7740	15389	11229	16985	6640	1605	1029	1029	3439	858	2281	349	1436	6336
7741	15204	11161	17157	6584	1587	1015	1015	3419	846	2267	339	1435	6278
7742	15088	11084	17224	6478	1582	1004	1004	3385	842	2267	333	1435	6257
7743	15044	10991	17018	6479	1563	1002	1002	3378	836	2258	330	1433	6249
7744	15063	10993	16764	6525	1559	1002	1002	3391	834	2257	330	1443	6269
7745	15670	11937	17752	6968	1584	1030	1030	3628	844	2264	340	1688	6536
7746	17794	13570	19053	7866	1623	1153	1153	4122	983	2407	391	1713	6986
7747	18136	12957	17972	7560	1694	1177	1177	4101	1018	2592	410	1651	6637
7748	17395	12157	17097	7225	1669	1139	1139	3894	966	2464	382	1593	6461
7749	16359	11178	16111	6808	1629	1088	1088	3694	949	2355	359	1502	6356
7750	15262	10663	15590	6543	1595	1018	1018	3408	874	2274	332	1435	6191
7751	14878	10274	15021	6372	1570	990	990	3304	829	2215	319	1398	6104
7752	13642	9353	13802	6114	1443	930	930	3058	780	2002	285	1275	5893
7753	12517	8419	12288	5593	1285	867	867	2718	706	1744	240	964	5579
7754	11886	7829	11486	5245	1256	846	846	2448	670	1655	218	871	5374
7755	11711	7611	10991	5079	1217	821	821	2372	651	1640	206	830	5299
7756	11919	7704	11056	5053	1281	830	830	2400	644	1641	208	937	5258
7757	12929	8551	12066	5083	1383	853	853	2568	669	1787	228	1230	5264
7758	14648	10123	14103	5497	1542	922	922	3029	763	2129	278	1418	5469
7759	15733	10725	15341	6153	1657	1001	1001	3317	835	2293	321	1422	5922
7760	17672	10872	15594	6410	1925	1065	1065	3334	851	2446	357	1425	6110
7761	17035	11038	15820	6617	1793	1058	1058	3355	858	2385	367	1425	6192
7762	16067	11235	16249	6617	1660	1048	1048	3436	869	2308	358	1427	6219
7763	15484	11271	16620	6566	1626	1036	1036	3493	873	2294	349	1331	6254
7764	15190	11181	16768	6466	1591	1021	1021	3489	867	2258	340	1426	6267
7765	15062	11060	16898	6419	1583	1006	1006	3467	853	2252	332	1425	6232
7766	15048	11098	16956	6368	1569	1003	1003	3471	849	2244	330	1425	6219
7767	15029	11023	16707	6348	1540	1002	1002	3403	844	2233	326	1424	6218
7768	15050	11057	16505	6379	1544	1002	1002	3466	844	2231	325	1431	6241
7769	15489	11988	17705	6885	1582	1018	1018	3724	853	2234	333	1691	6454
7770	17568	13526	19071	7817	1633	1147	1147	4246	982	2386	386	1726	6962
7771	17909	12814	18010	7532	1720	1172	1172	4195	1009	2635	408	1664	6654
7772	17250	12127	17051	7132	1707	1143	1143	3916	962	2517	384	1611	6440
7773	16404	11279	16119	6804	1671	1097	1097	3727	947	2368	361	1515	6332
7774	15320	10728	15593	6516	1627	1034	1034	3423	878	2277	333	1432	6159
7775	14916	10365	14942	6327	1587	1000	1000	3317	837	2202	319	1371	6086
7776	13790	9369	13578	6112	1466	948	948	3102	776	1971	284	1105	5886
7777	12679	8523	12335	5643	1254	873	873	2686	697	1796	245	1236	5574
7778	12040	7956	11497	5283	1227	836	836	2537	671	1712	223	1178	5375
7779	11862	7632	11070	5126	1275	831	831	2413	648	1659	212	1157	5249
7780	12027	7736	11140	5143	1329	822	822	2391	628	1668	216	1204	5182
7781	13022	8603	12115	5286	1421	868	868	2587	651	1828	240	1345	5211
7782	14854	10187	14222	5619	1572	946	946	3010	746	2144	284	1430	5452
7783	16076	10709	15405	6290	1702	1019	1019	3303	835	2320	325	1431	5868
7784	18141	10932	15564	6586	1963	1097	1097	3320	845	2475	360	1432	6060
7785	17382	11072	15877	6781	1821	1091	1091	3361	856	2405	376	1432	6114
7786	16358	11287	16354	6700	1679	1072	1072	3455	867	2329	373	1432	6138
7787	15820	11316	16688	6644	1642	1058	1058	3487	871	2298	363	1432	6167
7788	15444	11206	16828	6544	1615	1040	1040	3456	866	2270	355	1432	6188
7789	15326	11141	16874	6508	1603	1027	1027	3420	855	2257	344	1432	6160
7790	15279	11036	16880	6481	1590	1022	1022	3398	850	2247	337	1432	6152

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7791	15270	10966	16603	6472	1578	1019	1019	3374	844	2242	332	1432	6146
7792	15280	11001	16345	6511	1569	1019	1019	3353	845	2241	331	1446	6179
7793	15808	11725	17465	6958	1602	1037	1037	3592	856	2247	338	1679	6412
7794	17596	13185	19016	7759	1625	1141	1141	4052	973	2396	390	1716	6913
7795	17801	12610	17933	7488	1702	1163	1163	3985	999	2615	406	1678	6629
7796	17140	11892	17007	7144	1668	1127	1127	3784	947	2494	389	1619	6440
7797	16325	11119	16045	6837	1645	1092	1092	3585	939	2377	364	1533	6318
7798	15423	10686	15538	6579	1611	1036	1036	3367	874	2283	335	1448	6144
7799	15092	10267	14899	6432	1594	1010	1010	3296	836	2217	322	1421	6053
7800	13720	9219	13553	6169	1413	940	940	3029	781	2039	286	1310	5912
7801	12768	8148	12003	5684	1369	882	882	2633	704	1833	244	1276	5641
7802	12029	7509	11094	5369	1317	844	844	2374	658	1727	219	1228	5392
7803	11816	7049	10573	5216	1322	816	816	2295	628	1706	209	1200	5276
7804	11940	7101	10509	5184	1375	808	808	2256	623	1711	210	1241	5242
7805	12855	7995	11439	5242	1439	839	839	2391	635	1831	230	1356	5277
7806	14466	9718	13511	5622	1546	915	915	2921	731	2120	273	1428	5506
7807	15668	10348	14690	6275	1660	993	993	3177	813	2290	313	1427	5942
7808	18411	10567	14975	6535	1942	1074	1074	3184	821	2472	350	1429	6148
7809	18055	10913	15248	6733	1879	1085	1085	3227	829	2415	369	1429	6240
7810	17073	11214	15774	6704	1750	1080	1080	3320	843	2314	365	1430	6254
7811	16390	11287	16189	6672	1670	1073	1073	3364	861	2279	360	1429	6271
7812	15641	11042	16387	6573	1609	1043	1043	3351	855	2246	352	1429	6269
7813	15219	10870	16409	6545	1575	1014	1014	3285	837	2223	335	1429	6222
7814	15003	10726	16375	6507	1551	999	999	3276	825	2201	323	1429	6204
7815	14960	10584	16064	6486	1512	993	993	3259	819	2191	317	1429	6190
7816	14966	10589	15811	6519	1479	994	994	3247	818	2186	316	1433	6233
7817	15516	11534	17120	6917	1523	1013	1013	3445	827	2189	322	1693	6459
7818	17605	13184	18913	7607	1579	1146	1146	4087	971	2289	373	1693	6933
7819	17716	12747	17814	7389	1655	1199	1199	4032	1014	2566	406	1643	6699
7820	17008	11896	16771	7119	1648	1150	1150	3740	962	2451	380	1592	6521
7821	16094	10941	15711	6855	1618	1111	1111	3647	956	2358	358	1513	6361
7822	15091	10349	14980	6607	1578	1020	1020	3322	883	2254	327	1435	6188
7823	14705	9989	14471	6441	1560	990	990	3179	816	2179	312	1414	6110
7824	13471	8825	13121	6235	1466	937	937	2962	767	2000	280	1347	5925
7825	11788	7840	11667	5627	1321	856	856	2548	706	1823	235	1256	5625
7826	11001	7188	10746	5217	1344	827	827	2318	661	1730	211	1209	5411
7827	10772	6848	10235	5039	1315	802	802	2221	635	1697	203	1193	5284
7828	10999	6938	10313	5041	1360	798	798	2225	637	1735	205	1240	5250
7829	12181	7941	11404	5145	1424	837	837	2339	653	1888	228	1367	5268
7830	14271	9709	13568	5567	1565	916	916	2969	746	2155	274	1437	5514
7831	15515	10300	14797	6308	1676	1002	1002	3244	821	2366	316	1437	5949
7832	18040	10590	15045	6635	1986	1074	1074	3273	834	2594	343	1439	6144
7833	17868	10899	15359	6912	1939	1097	1097	3324	854	2514	366	1439	6257
7834	16910	11114	15864	6918	1761	1090	1090	3455	872	2361	366	1439	6308
7835	16160	11115	16266	6824	1668	1071	1071	3478	878	2306	362	1439	6315
7836	15436	10838	16380	6657	1617	1041	1041	3293	870	2243	352	1438	6335
7837	15087	10640	16386	6586	1592	1020	1020	3403	847	2213	338	1437	6257
7838	14956	10527	16309	6530	1577	1008	1008	3400	839	2205	328	1436	6237
7839	14936	10454	15979	6499	1558	1004	1004	3347	831	2195	323	1433	6206
7840	14942	10465	15796	6518	1554	1003	1003	3359	827	2191	321	1438	6207
7841	15707	11303	17221	6850	1583	1019	1019	3681	838	2191	327	1665	6390
7842	18040	12971	18625	7527	1651	1181	1181	4154	1016	2288	381	1678	6730
7843	18092	12151	17537	7286	1700	1156	1156	4059	1038	2507	397	1614	6504
7844	16906	11393	16357	6993	1683	1096	1096	3721	962	2362	366	1566	6316
7845	15984	10634	15526	6742	1653	1066	1066	3531	945	2280	343	1505	6215
7846	15120	10288	15044	6560	1616	1020	1020	3316	887	2222	325	1449	6126
7847	14854	10020	14575	6456	1593	1001	1001	3260	825	2182	316	1431	6091
7848	13768	9021	13305	6275	1525	964	964	3053	797	2034	292	1320	5920
7849	12445	8317	12090	5749	1396	876	876	2787	732	1861	257	1305	5676
7850	11568	7739	11235	5366	1344	854	854	2523	688	1771	234	1246	5418
7851	11139	7274	10603	5180	1345	822	822	2386	651	1704	223	1217	5308
7852	11253	7169	10477	5102	1372	815	815	2349	641	1702	221	1234	5240
7853	11906	7509	10630	5136	1409	823	823	2436	643	1770	231	1299	5221
7854	13164	8461	11856	5287	1520	875	875	2634	688	1960	256	1334	5299
7855	14420	9123	12542	5674	1579	943	943	2890	745	2095	286	1309	5509
7856	14839	9631	13454	6086	1627	981	981	2986	770	2123	299	1375	5743
7857	16214	9820	13689	6203	1744	999	999	3033	785	2195	309	1400	5841
7858	16937	10138	13971	6377	1785	1027	1027	3091	801	2211	324	1401	5862
7859	16445	10211	14230	6431	1733	1033	1033	3124	804	2179	325	1402	5897
7860	15578	10057	14233	6383	1646	1012	1012	3113	799	2144	314	1401	5929
7861	14949	9910	14069	6307	1583	993	993	3048	788	2113	306	1400	5918
7862	14694	9782	13879	6242	1550	981	981	3009	785	2102	300	1397	5894
7863	14656	9733	13768	6206	1540	981	981	2991	785	2100	299	1394	5877
7864	14663	9781	13761	6226	1538	980	980	2990	783	2099	299	1403	5884
7865	15289	10825	14930	6622	1580	997	997	3174	787	2102	301	1619	6062
7866	17011	12248	16765	7281	1660	1127	1127	3688	943	2213	353	1638	6560
7867	16749	11597	16020	7018	1720	1128	1128	3582	973	2396	376	1580	6350
7868	15930	10813	15202	6659	1667	1085	1085	3492	924	2297	356	1528	6130
7869	15290	10155	14385	6419	1618	1041	1041	3378	879	2209	339	1467	6023
7870	14742	9754	13761	6257	1586	1004	1004	3202	829	2136	318	1420	5920
7871	14518	9611	13512	6179	1572	981	981	3033	787	2101	299	1401	5855
7872	13307	8866	12515	6045	1501	938	938	2955	764	1985	285	1366	5817

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7873	12623	8248	11810	5673	1405	897	897	2747	722	1867	253	1303	5631
7874	11861	7670	11026	5380	1345	866	866	2538	684	1761	227	1253	5456
7875	11465	7316	10490	5183	1313	822	822	2473	667	1739	218	1215	5324
7876	11460	7187	10259	5070	1341	812	812	2387	646	1718	213	1222	5227
7877	11800	7418	10358	5059	1384	829	829	2423	658	1771	218	1264	5204
7878	12688	7997	11014	5216	1434	874	874	2564	678	1902	236	1309	5270
7879	13843	8552	11190	5487	1526	930	930	2710	715	2031	261	1261	5399
7880	14464	9227	12221	5836	1553	964	964	2844	739	2065	277	1340	5601
7881	14859	9516	12884	6075	1638	974	974	2974	769	2088	281	1375	5743
7882	15317	9637	13015	6129	1711	982	982	3000	774	2106	283	1383	5820
7883	15229	9730	13077	6199	1686	986	986	3004	777	2100	284	1383	5832
7884	14892	9737	13150	6204	1620	981	981	3013	777	2084	281	1382	5854
7885	14721	9674	13137	6163	1553	979	979	3011	776	2073	282	1378	5880
7886	14566	9599	13122	6122	1547	972	972	3004	774	2065	279	1378	5865
7887	14507	9572	13089	6114	1539	971	971	3001	774	2065	278	1378	5859
7888	14551	9624	13151	6169	1525	971	971	3002	775	2063	278	1386	5885
7889	15308	10687	14519	6624	1547	986	986	3210	789	2068	282	1632	6130
7890	17005	12499	16452	7331	1662	1121	1121	3709	943	2236	323	1657	6678
7891	17003	12079	16142	7070	1781	1121	1121	3713	977	2553	350	1609	6494
7892	16485	11294	15404	6789	1732	1102	1102	3553	942	2448	338	1539	6286
7893	15609	10404	14396	6554	1639	1065	1065	3388	884	2323	325	1472	6176
7894	14705	9676	13313	6282	1573	1003	1003	3203	829	2174	301	1403	6018
7895	14325	9434	12987	6094	1539	971	971	3036	776	2065	279	1380	5845
7896	13013	8650	12360	5917	1410	895	895	2950	739	1923	258	1357	5770
7897	11961	7923	11426	5479	1363	859	859	2658	670	1745	231	1270	5528
7898	11371	7480	10807	5169	1340	814	814	2510	638	1683	215	1231	5326
7899	11352	7321	10559	5051	1334	805	805	2439	617	1672	211	1230	5243
7900	11713	7518	10867	5049	1378	806	806	2457	620	1693	216	1278	5246
7901	12898	8454	11936	5163	1443	833	833	2650	650	1858	239	1389	5303
7902	14930	10129	14010	5607	1573	923	923	3115	755	2177	284	1456	5521
7903	16001	10738	15144	6311	1664	1020	1020	3344	843	2349	328	1456	5998
7904	17873	10964	15313	6615	1920	1074	1074	3355	856	2537	357	1457	6196
7905	17383	11112	15664	6830	1807	1074	1074	3377	863	2494	370	1456	6272
7906	16596	11278	16082	6838	1712	1069	1069	3460	870	2390	367	1456	6302
7907	16117	11278	16314	6831	1690	1060	1060	3477	876	2335	363	1456	6338
7908	15770	11162	16336	6719	1648	1045	1045	3447	870	2297	356	1456	6356
7909	15603	11065	16343	6673	1625	1034	1034	3424	859	2273	346	1455	6311
7910	15528	10957	16296	6612	1621	1025	1025	3399	856	2266	342	1455	6290
7911	15509	10889	16095	6607	1613	1024	1024	3395	851	2256	339	1451	6280
7912	15533	10919	16030	6651	1608	1025	1025	3415	849	2254	340	1460	6310
7913	16211	11888	17404	7101	1622	1054	1054	3703	861	2262	353	1706	6560
7914	18297	13570	19053	7929	1694	1171	1171	4105	989	2467	414	1753	7021
7915	18600	13108	18071	7680	1770	1193	1193	4101	1018	2757	421	1709	6691
7916	17941	12342	17208	7399	1744	1158	1158	3910	969	2616	393	1649	6548
7917	16954	11323	16070	7018	1702	1112	1112	3706	954	2471	373	1552	6430
7918	15792	10734	15293	6749	1650	1046	1046	3456	890	2356	346	1465	6267
7919	15381	10419	14862	6548	1618	1016	1016	3346	844	2246	327	1437	6181
7920	14105	9522	13699	6318	1533	951	951	3112	795	2072	295	1333	6011
7921	12617	8455	12355	5719	1334	869	869	2761	711	1839	242	1263	5612
7922	11885	7845	11583	5327	1269	852	852	2463	674	1757	219	1229	5385
7923	11711	7611	11138	5151	1217	821	821	2401	651	1756	212	1217	5308
7924	12003	7716	11238	5118	1297	833	833	2372	648	1777	217	1272	5260
7925	13239	8613	12225	5172	1399	862	862	2583	673	1919	236	1399	5258
7926	15236	10251	14236	5631	1577	936	936	3061	777	2233	286	1467	5476
7927	16615	10807	15305	6363	1708	1031	1031	3385	852	2437	331	1467	5971
7928	19219	10995	15448	6632	2013	1094	1094	3398	871	2686	365	1468	6182
7929	18416	11126	15710	6823	1876	1082	1082	3410	875	2542	376	1467	6260
7930	17044	11225	16040	6808	1731	1075	1075	3473	885	2392	369	1468	6270
7931	16221	11198	16249	6760	1694	1062	1062	3509	889	2345	360	1397	6292
7932	15835	11062	16286	6668	1646	1051	1051	3506	881	2297	351	1467	6303
7933	15690	10926	16305	6631	1637	1034	1034	3497	868	2288	343	1463	6272
7934	15676	10927	16270	6592	1623	1032	1032	3499	862	2281	340	1458	6257
7935	15658	10875	16074	6576	1590	1031	1031	3455	858	2279	337	1457	6258
7936	15680	10918	15996	6616	1602	1031	1031	3507	858	2278	336	1469	6272
7937	16382	11965	17462	7124	1636	1052	1052	3802	869	2279	346	1694	6495
7938	18876	13565	19138	7890	1726	1187	1187	4214	1016	2431	403	1726	6962
7939	19269	12992	18198	7637	1856	1215	1215	4150	1043	2728	420	1685	6714
7940	18421	12365	17220	7311	1837	1176	1176	3935	1000	2617	398	1643	6519
7941	17411	11504	16181	7015	1780	1130	1130	3757	985	2475	383	1565	6414
7942	16011	10812	15437	6738	1715	1066	1066	3494	907	2382	345	1481	6242
7943	15493	10492	14972	6557	1642	1029	1029	3389	855	2276	330	1455	6162
7944	14030	9466	13693	6290	1535	965	965	3165	796	2109	298	1324	5960
7945	12828	8577	12371	5748	1262	876	876	2708	701	1828	252	1256	5645
7946	12114	7980	11533	5359	1227	836	836	2541	671	1751	229	1198	5439
7947	11862	7680	11070	5176	1254	824	824	2410	646	1706	220	1176	5325
7948	12101	7764	11192	5199	1334	822	822	2391	628	1742	226	1238	5298
7949	13241	8746	12232	5324	1457	861	861	2607	655	1929	250	1400	5315
7950	15271	10415	14354	5689	1632	949	949	3061	757	2273	297	1478	5505
7951	16732	10941	15396	6424	1760	1045	1045	3388	860	2548	339	1478	5920
7952	19354	11246	15522	6757	2107	1131	1131	3400	873	2856	377	1478	6121
7953	18313	11337	15875	6978	1930	1119	1119	3439	881	2677	394	1476	6168
7954	17023	11505	16233	6885	1758	1101	1101	3536	895	2478	389	1472	6182



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
7955	16335	11469	16444	6819	1717	1085	1085	3552	899	2397	381	1469	6204
7956	15887	11287	16445	6703	1683	1065	1065	3521	889	2348	369	1468	6221
7957	15758	11169	16376	6666	1674	1052	1052	3497	878	2328	355	1465	6193
7958	15726	11033	16300	6633	1667	1047	1047	3476	871	2320	348	1463	6187
7959	15712	10977	16071	6620	1655	1045	1045	3449	865	2319	344	1461	6179
7960	15727	11032	15938	6661	1646	1045	1045	3434	867	2318	343	1480	6212
7961	16367	11988	17263	7166	1674	1070	1070	3739	884	2320	351	1695	6473
7962	18540	13683	19016	7971	1728	1203	1203	4171	1031	2469	414	1773	6965
7963	18896	13158	18080	7693	1809	1228	1228	4118	1050	2777	423	1748	6708
7964	18127	12377	17164	7352	1763	1179	1179	3922	996	2646	409	1700	6529
7965	17175	11502	16146	7037	1733	1140	1140	3698	985	2530	384	1611	6409
7966	16004	10867	15460	6761	1688	1072	1072	3468	910	2412	357	1508	6228
7967	15571	10466	14946	6592	1666	1038	1038	3381	861	2314	338	1472	6117
7968	14069	9362	13600	6294	1505	962	962	3109	807	2119	302	1343	5985
7969	12825	8198	12002	5741	1425	881	881	2667	717	1865	248	1301	5686
7970	12015	7520	11025	5380	1321	836	836	2417	668	1740	219	1241	5407
7971	11816	7049	10545	5206	1317	816	816	2282	633	1712	209	1212	5282
7972	12066	7113	10509	5184	1391	808	808	2256	623	1735	211	1265	5242
7973	13196	8059	11472	5259	1470	845	845	2427	632	1913	235	1411	5291
7974	15016	9874	13631	5689	1616	936	936	2955	738	2239	285	1481	5510
7975	16306	10541	14745	6395	1753	1030	1030	3253	834	2578	331	1477	5972
7976	19237	10856	14935	6695	2145	1122	1122	3259	842	2944	378	1478	6189
7977	18724	11242	15254	6915	2047	1134	1134	3307	851	2757	400	1477	6296
7978	17663	11454	15688	6853	1891	1116	1116	3398	870	2499	396	1477	6294
7979	16782	11399	16007	6796	1784	1110	1110	3413	882	2399	382	1476	6294
7980	16047	11095	16044	6690	1697	1076	1076	3382	881	2318	370	1470	6287
7981	15615	10874	15952	6654	1646	1047	1047	3332	859	2285	351	1461	6238
7982	15477	10708	15824	6617	1610	1034	1034	3319	847	2276	339	1448	6224
7983	15460	10595	15555	6602	1570	1031	1031	3294	841	2263	333	1447	6212
7984	15473	10609	15429	6633	1533	1031	1031	3290	840	2244	332	1477	6246
7985	15985	11659	17036	7086	1581	1054	1054	3532	848	2262	339	1743	6510
7986	17889	13662	19049	7892	1658	1215	1215	4148	1005	2368	405	1798	7034
7987	18104	13210	18062	7662	1753	1253	1253	4070	1044	2765	429	1753	6805
7988	17505	12366	17073	7374	1753	1203	1203	3841	992	2643	403	1696	6614
7989	16683	11326	15905	7083	1724	1159	1159	3754	988	2548	381	1605	6470
7990	15647	10527	14958	6799	1662	1065	1065	3449	913	2423	354	1497	6260
7991	15227	10165	14512	6577	1634	1028	1028	3258	839	2274	331	1466	6152
7992	13791	8965	13136	6375	1511	961	961	3061	789	2080	295	1391	5970
7993	11845	7854	11698	5687	1315	873	873	2606	711	1856	240	1278	5660
7994	10968	7170	10742	5228	1342	840	840	2371	666	1734	211	1221	5432
7995	10772	6848	10235	5044	1333	805	805	2221	635	1706	203	1206	5291
7996	11105	6974	10331	5039	1393	798	798	2249	638	1777	208	1282	5253
7997	12515	8054	11475	5166	1472	845	845	2355	655	1985	233	1431	5277
7998	14837	9918	13676	5641	1643	935	935	3041	757	2280	287	1489	5521
7999	16367	10536	14849	6468	1769	1031	1031	3332	844	2636	335	1484	5970
8000	19642	10875	15029	6866	2184	1136	1136	3350	856	2986	368	1489	6183
8001	19109	11134	15346	7209	2061	1155	1155	3393	869	2840	392	1480	6342
8002	17801	11289	15762	7215	1839	1141	1141	3496	879	2516	388	1478	6377
8003	16785	11226	16019	7079	1751	1109	1109	3492	880	2400	379	1476	6380
8004	15893	10934	16038	6862	1689	1071	1071	3352	872	2315	366	1457	6397
8005	15531	10747	16003	6774	1662	1046	1046	3431	857	2293	352	1441	6298
8006	15432	10635	15883	6708	1616	1034	1034	3403	851	2288	343	1423	6266
8007	15412	10581	15649	6676	1603	1032	1032	3370	847	2276	339	1412	6242
8008	15429	10605	15533	6704	1600	1031	1031	3375	847	2253	338	1471	6239
8009	16252	11555	17231	7166	1647	1049	1049	3682	852	2261	343	1752	6496
8010	18858	13104	18894	7976	1716	1245	1245	4110	977	2336	405	1782	6970
8011	18885	12426	17801	7685	1769	1210	1210	4039	995	2555	413	1720	6693
8012	17616	11688	16589	7316	1762	1148	1148	3751	945	2460	387	1695	6457
8013	16614	10956	15658	7017	1731	1107	1107	3602	934	2393	369	1609	6309
8014	15634	10507	15040	6783	1694	1052	1052	3397	893	2345	349	1516	6174
8015	15339	10255	14648	6637	1665	1028	1028	3335	848	2289	336	1477	6128
8016	14130	9220	13417	6447	1583	969	969	3103	815	2123	310	1353	5973
8017	12597	8451	12126	5867	1415	886	886	2815	748	1929	267	1343	5701
8018	11601	7793	11301	5418	1344	848	848	2489	692	1829	237	1269	5429
8019	11139	7291	10597	5209	1366	816	816	2378	650	1748	222	1234	5328
8020	11339	7169	10477	5102	1393	815	815	2349	641	1771	221	1249	5254
8021	12071	7541	10745	5133	1465	831	831	2455	642	1882	236	1341	5221
8022	13499	8513	12022	5288	1574	897	897	2633	695	2111	267	1412	5298
8023	14873	9321	12776	5734	1643	963	963	2962	764	2214	304	1382	5509
8024	15396	9845	13589	6229	1749	999	999	3050	793	2383	316	1430	5762
8025	17320	10036	13783	6372	1926	1032	1032	3094	805	2562	329	1443	5865
8026	18503	10342	14024	6586	1928	1071	1071	3142	820	2512	342	1443	5883
8027	17733	10390	14215	6650	1862	1068	1068	3168	822	2367	341	1442	5917
8028	16523	10243	14184	6587	1711	1036	1036	3158	815	2254	329	1427	5952
8029	15615	10098	14018	6501	1643	1012	1012	3101	806	2207	321	1399	5935
8030	15243	9989	13864	6428	1593	999	999	3063	804	2187	316	1361	5909
8031	15169	9944	13792	6386	1556	997	997	3016	799	2142	315	1342	5896
8032	15207	9998	13810	6419	1579	996	996	3009	795	2130	314	1439	5901
8033	16307	11135	15339	6962	1641	1018	1018	3118	804	2177	317	1736	6115
8034	18527	12248	17192	7684	1761	1206	1206	3592	923	2315	367	1774	6694
8035	17968	11716	16363	7348	1839	1205	1205	3525	969	2615	392	1718	6461
8036	16834	10980	15554	6910	1763	1141	1141	3454	928	2502	372	1655	6235

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8037	15964	10390	14620	6636	1700	1088	1088	3374	891	2383	357	1570	6100
8038	15268	9993	13903	6437	1655	1034	1034	3226	849	2271	337	1487	5982
8039	14988	9845	13637	6347	1633	998	998	3099	807	2206	317	1444	5887
8040	13412	9065	12690	6171	1531	951	951	2985	785	2049	299	1415	5848
8041	12890	8366	11890	5785	1472	898	898	2757	733	1900	263	1346	5653
8042	12000	7733	11082	5446	1374	852	852	2532	689	1768	231	1293	5449
8043	11492	7322	10560	5210	1313	822	822	2404	669	1752	219	1249	5290
8044	11460	7187	10259	5073	1361	812	812	2393	646	1731	213	1258	5214
8045	11830	7381	10419	5059	1364	822	822	2387	660	1820	220	1310	5204
8046	12765	8008	11073	5223	1419	882	882	2558	683	1998	244	1378	5268
8047	14026	8713	11155	5507	1556	933	933	2750	730	2144	275	1328	5407
8048	14817	9416	12292	5924	1591	974	974	2852	748	2170	294	1384	5616
8049	15337	9729	12980	6215	1671	986	986	3002	781	2237	299	1412	5765
8050	16178	9883	13116	6278	1756	995	995	3036	786	2240	301	1420	5844
8051	16131	9997	13162	6365	1738	1001	1001	3039	788	2199	301	1416	5856
8052	15613	9997	13201	6383	1681	994	994	3042	787	2165	297	1402	5873
8053	15346	9915	13188	6349	1607	991	991	3044	786	2154	297	1382	5893
8054	15025	9831	13172	6302	1591	982	982	3038	786	2140	294	1377	5880
8055	14951	9801	13151	6289	1586	981	981	3034	786	2120	294	1386	5878
8056	15063	9846	13219	6372	1582	981	981	3037	786	2101	294	1421	5902
8057	16453	10878	14830	6983	1593	1004	1004	3242	796	2142	297	1694	6151
8058	18802	12736	16952	7773	1744	1191	1191	3766	963	2265	349	1739	6703
8059	18778	12382	16610	7449	1846	1191	1191	3781	1007	2568	379	1696	6543
8060	18010	11664	15918	7107	1780	1161	1161	3627	975	2506	365	1621	6350
8061	16731	10739	14787	6837	1686	1110	1110	3470	916	2411	349	1540	6236
8062	15261	9910	13515	6476	1619	1023	1023	3275	853	2269	321	1445	6076
8063	14697	9640	13098	6245	1584	980	980	3086	789	2154	295	1416	5878
8064	13183	8768	12326	6043	1430	887	887	2961	743	1932	261	1403	5793
8065	12039	7939	11500	5532	1372	851	851	2682	675	1789	234	1273	5544
8066	11374	7463	10855	5218	1339	809	809	2514	639	1733	216	1230	5342
8067	11352	7321	10559	5066	1334	805	805	2442	617	1730	211	1237	5252
8068	11732	7546	10908	5049	1377	806	806	2439	620	1778	215	1302	5243
8069	13006	8544	11993	5164	1441	834	834	2637	659	1975	238	1429	5297
8070	15195	10283	14085	5644	1591	922	922	3112	770	2289	289	1488	5522
8071	16337	10913	15204	6438	1698	1021	1021	3346	853	2523	338	1491	6015
8072	18361	11141	15345	6794	2013	1098	1098	3356	871	2795	370	1490	6229
8073	17899	11277	15647	7015	1911	1092	1092	3378	878	2676	383	1485	6326
8074	17042	11405	15836	7020	1789	1086	1086	3446	881	2497	381	1485	6339
8075	16578	11373	16182	7025	1731	1075	1075	3448	884	2406	377	1483	6366
8076	16200	11225	16193	6922	1669	1055	1055	3413	877	2353	368	1480	6388
8077	16021	11140	16197	6894	1650	1042	1042	3402	865	2334	357	1474	6333
8078	15939	11032	16153	6835	1645	1029	1029	3385	864	2331	353	1472	6312
8079	15917	10970	15958	6835	1628	1028	1028	3379	859	2329	349	1462	6299
8080	15987	11001	15881	6893	1633	1027	1027	3392	856	2327	350	1485	6327
8081	17058	12019	17369	7413	1647	1073	1073	3696	868	2331	362	1763	6636
8082	19422	13917	19265	8232	1767	1224	1224	4139	1018	2464	431	1840	7197
8083	19683	13538	18352	7966	1883	1258	1258	4163	1062	2758	442	1804	6874
8084	18785	12845	17484	7690	1831	1208	1208	3943	1010	2668	412	1742	6685
8085	17676	11672	16327	7285	1782	1146	1146	3736	996	2549	392	1627	6552
8086	16250	10928	15376	6981	1709	1062	1062	3470	919	2453	362	1506	6343
8087	15758	10607	14985	6739	1645	1019	1019	3346	854	2329	339	1471	6214
8088	14317	9648	13848	6471	1542	949	949	3106	804	2141	304	1341	6050
8089	13057	8516	12380	5786	1328	887	887	2741	713	1830	245	1275	5626
8090	12316	7871	11606	5330	1257	869	869	2490	673	1756	219	1226	5387
8091	12075	7611	11138	5139	1217	839	839	2395	648	1759	212	1217	5306
8092	12292	7736	11199	5118	1294	850	850	2372	648	1826	217	1296	5258
8093	13400	8721	12270	5162	1381	871	871	2603	676	2002	238	1446	5262
8094	15402	10433	14423	5675	1588	942	942	3079	790	2344	292	1515	5472
8095	16797	11035	15511	6516	1729	1031	1031	3383	863	2669	341	1513	5987
8096	19395	11246	15624	6879	2075	1113	1113	3394	886	2986	380	1510	6218
8097	18382	11306	15882	7148	1919	1100	1100	3405	890	2711	390	1505	6325
8098	17065	11337	16172	7065	1749	1087	1087	3462	898	2481	380	1505	6327
8099	16354	11295	16369	6988	1708	1073	1073	3482	901	2401	370	1502	6330
8100	16049	11156	16398	6870	1661	1058	1058	3479	889	2362	360	1492	6338
8101	15911	11044	16400	6826	1650	1037	1037	3479	875	2358	351	1476	6300
8102	15893	11048	16356	6789	1636	1034	1034	3476	869	2353	348	1464	6283
8103	15890	11005	16171	6773	1617	1032	1032	3468	866	2341	345	1460	6283
8104	15913	11054	16083	6829	1633	1033	1033	3474	865	2335	344	1505	6295
8105	16993	12148	17537	7500	1657	1067	1067	3765	872	2347	354	1846	6576
8106	19416	13885	19355	8373	1792	1240	1240	4268	1027	2444	417	1921	7124
8107	19737	13293	18445	8067	1941	1261	1261	4212	1068	2714	438	1867	6849
8108	18774	12741	17517	7656	1910	1199	1199	3970	1026	2656	415	1813	6648
8109	17720	11795	16453	7294	1819	1146	1146	3800	1017	2539	401	1678	6536
8110	16248	11007	15614	6952	1735	1071	1071	3504	930	2465	359	1534	6326
8111	15714	10666	15138	6724	1657	1028	1028	3383	864	2356	340	1493	6198
8112	14355	9629	13796	6399	1545	961	961	3155	807	2168	305	1357	5980
8113	13214	8690	12459	5896	1400	904	904	2742	716	1819	256	1260	5635
8114	12493	8073	11558	5492	1383	867	867	2537	674	1737	231	1197	5447
8115	12210	7736	11070	5293	1383	854	854	2413	650	1706	220	1176	5340
8116	12417	7832	11173	5287	1432	853	853	2391	628	1772	222	1255	5298
8117	13430	8832	12283	5395	1493	884	884	2611	663	2005	249	1443	5313
8118	15327	10527	14451	5732	1635	952	952	3059	769	2374	300	1523	5523

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8119	16554	11098	15500	6455	1751	1039	1039	3386	871	2791	346	1522	5987
8120	18941	11395	15626	6775	2127	1122	1122	3399	892	3192	387	1519	6196
8121	18073	11482	16004	6982	1995	1116	1116	3442	899	2871	404	1515	6274
8122	17066	11644	16337	6906	1780	1093	1093	3553	914	2566	398	1510	6267
8123	16456	11607	16530	6859	1730	1080	1080	3579	913	2453	388	1500	6278
8124	16074	11386	16483	6753	1710	1064	1064	3545	899	2397	375	1494	6277
8125	15950	11278	16409	6718	1690	1051	1051	3517	888	2387	361	1479	6240
8126	15893	11162	16316	6687	1685	1045	1045	3476	883	2377	355	1474	6236
8127	15886	11118	16111	6674	1683	1042	1042	3450	877	2365	350	1470	6227
8128	15905	11192	15964	6716	1678	1042	1042	3443	875	2354	350	1516	6259
8129	16860	12457	17543	7254	1701	1079	1079	3856	889	2368	358	1825	6551
8130	19079	14134	19499	8006	1804	1238	1238	4376	1076	2462	433	1945	7054
8131	19354	13637	18514	7752	1915	1263	1263	4322	1103	2763	450	1919	6808
8132	18497	12769	17551	7428	1863	1199	1199	4057	1041	2677	429	1861	6630
8133	17515	11772	16440	7126	1813	1156	1156	3818	1038	2584	401	1733	6513
8134	16269	11037	15570	6847	1720	1076	1076	3520	941	2494	370	1573	6311
8135	15795	10638	15100	6656	1683	1038	1038	3382	872	2383	346	1513	6177
8136	14353	9487	13712	6387	1590	979	979	3134	816	2165	308	1357	6022
8137	12950	8290	12020	5794	1422	885	885	2716	725	1883	251	1331	5697
8138	12054	7066	11038	5420	1334	838	838	2422	677	1748	220	1255	5403
8139	11816	7049	10554	5230	1317	816	816	2289	636	1712	209	1229	5286
8140	12057	7103	10509	5203	1388	808	808	2256	623	1777	211	1297	5242
8141	13217	8084	11458	5305	1463	839	839	2433	639	1994	235	1457	5298
8142	15135	9951	13729	5732	1622	928	928	2969	747	2334	287	1527	5514
8143	16371	10654	14885	6452	1766	1027	1027	3253	845	2728	339	1519	5985
8144	19376	10997	15059	6770	2181	1112	1112	3260	851	3158	387	1516	6216
8145	19161	11332	15347	6988	2116	1123	1123	3320	863	2908	415	1513	6311
8146	18174	11490	15714	6944	1922	1107	1107	3427	886	2583	412	1513	6304
8147	17248	11426	16014	6876	1841	1107	1107	3434	899	2452	398	1509	6308
8148	16395	11105	16065	6772	1737	1076	1076	3393	890	2367	382	1493	6302
8149	15882	10912	16011	6736	1673	1046	1046	3380	862	2349	362	1468	6265
8150	15711	10746	15917	6705	1638	1033	1033	3333	851	2332	348	1437	6257
8151	15695	10660	15663	6698	1598	1029	1029	3301	847	2288	342	1431	6246
8152	15705	10670	15544	6743	1605	1030	1030	3290	846	2252	342	1493	6279
8153	16488	11838	17229	7251	1646	1060	1060	3596	850	2288	350	1826	6558
8154	18590	14062	19462	8024	1719	1235	1235	4319	1039	2392	432	1911	7034
8155	18803	13652	18438	7764	1835	1260	1260	4231	1099	2706	459	1871	6833
8156	18041	12792	17455	7471	1835	1212	1212	3951	1042	2644	428	1811	6668
8157	17160	11647	16254	7190	1787	1167	1167	3848	1045	2582	403	1702	6553
8158	15966	10672	15134	6905	1708	1073	1073	3526	953	2490	372	1546	6341
8159	15501	10317	14715	6670	1665	1028	1028	3258	848	2348	340	1502	6200
8160	14054	9146	13290	6465	1558	969	969	3099	798	2126	306	1425	6053
8161	12022	7937	11773	5738	1315	879	879	2642	717	1883	243	1280	5694
8162	11089	7220	10794	5273	1337	839	839	2373	666	1755	211	1214	5438
8163	10772	6848	10235	5060	1362	798	798	2221	635	1706	203	1206	5281
8164	11106	7003	10351	5039	1425	803	803	2265	639	1797	209	1300	5253
8165	12512	8123	11498	5173	1478	839	839	2427	657	2023	236	1466	5259
8166	14992	10039	13776	5661	1665	929	929	3045	764	2354	293	1531	5513
8167	16459	10705	14965	6520	1783	1031	1031	3333	845	2822	344	1522	6007
8168	19706	11123	15127	6895	2184	1126	1126	3356	870	3278	405	1522	6246
8169	19296	11379	15444	7212	2086	1129	1129	3407	885	3041	436	1514	6407
8170	18110	11492	15788	7233	1827	1126	1126	3523	893	2635	420	1511	6432
8171	17172	11383	15997	7145	1760	1101	1101	3519	889	2468	401	1504	6439
8172	16291	11048	15975	6974	1704	1063	1063	3502	873	2376	382	1476	6445
8173	15888	10862	15920	6909	1682	1043	1043	3451	854	2358	361	1435	6358
8174	15725	10740	15821	6845	1622	1034	1034	3417	848	2343	350	1403	6326
8175	15693	10690	15596	6818	1618	1032	1032	3385	845	2318	345	1388	6304
8176	15705	10659	15503	6859	1622	1032	1032	3387	844	2288	345	1495	6294
8177	17129	11845	17151	7376	1668	1056	1056	3752	847	2304	351	1782	6531
8178	19556	13716	19044	8115	1740	1245	1245	4137	1014	2409	442	1821	6970
8179	19335	13015	17975	7824	1783	1203	1203	4072	1040	2650	460	1769	6741
8180	17894	12133	16812	7438	1783	1145	1145	3770	977	2555	425	1745	6548
8181	16839	11298	15893	7142	1752	1107	1107	3605	960	2471	400	1661	6402
8182	15875	10673	15161	6897	1729	1056	1056	3405	907	2426	370	1558	6272
8183	15592	10432	14803	6746	1688	1030	1030	3340	846	2355	344	1511	6214
8184	14223	9378	13500	6542	1606	969	969	3133	809	2155	320	1375	6065
8185	12749	8509	12213	5963	1450	902	902	2836	746	1997	273	1362	5787
8186	11684	7758	11332	5485	1344	857	857	2502	691	1881	240	1286	5491
8187	11139	7265	10612	5253	1356	827	827	2386	649	1804	222	1234	5360
8188	11301	7169	10477	5102	1405	824	824	2349	644	1827	221	1261	5254
8189	11975	7586	10773	5118	1488	841	841	2444	641	1945	237	1357	5217
8190	13440	8579	12125	5293	1585	892	892	2631	692	2167	272	1462	5289
8191	14907	9431	12916	5741	1678	959	959	2963	767	2282	311	1436	5518
8192	15452	9965	13685	6264	1776	1001	1001	3041	799	2644	325	1468	5825
8193	17033	10177	13874	6430	2013	1026	1026	3089	814	3034	344	1475	5953
8194	18453	10499	14123	6607	2032	1064	1064	3140	826	2924	361	1474	5969
8195	17987	10539	14233	6679	1946	1072	1072	3170	830	2604	358	1459	5998
8196	16943	10377	14183	6647	1788	1038	1038	3154	825	2368	342	1416	6026
8197	15979	10217	14027	6583	1685	1014	1014	3103	817	2264	330	1346	6010
8198	15521	10105	13895	6516	1650	1002	1002	3066	814	2235	325	1274	5986
8199	15394	10060	13842	6474	1618	1001	1001	3030	813	2166	323	1298	5977
8200	15456	10118	13850	6521	1631	1001	1001	3019	813	2147	322	1465	5981

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8201	16625	11653	15337	7073	1679	1027	1027	3135	817	2212	326	1736	6173
8202	18527	13222	17445	7684	1856	1206	1206	3679	968	2464	397	1774	6694
8203	17982	12547	16651	7356	1911	1193	1193	3610	1014	3035	432	1730	6500
8204	16903	11602	15868	6967	1813	1138	1138	3501	962	2836	406	1682	6306
8205	16102	10825	14901	6712	1747	1088	1088	3437	911	2641	385	1611	6203
8206	15466	10216	14066	6517	1693	1037	1037	3271	866	2418	358	1529	6092
8207	15200	9997	13768	6420	1665	1002	1002	3119	817	2264	327	1479	5985
8208	13620	9194	12837	6244	1547	962	962	3023	796	2126	308	1446	5939
8209	13038	8428	11974	5829	1496	903	903	2760	741	1990	271	1369	5725
8210	12090	7729	11076	5467	1366	861	861	2518	692	1865	237	1301	5498
8211	11535	7319	10502	5202	1313	817	817	2425	666	1828	220	1249	5305
8212	11460	7187	10259	5068	1355	812	812	2387	646	1808	213	1253	5213
8213	11881	7420	10410	5059	1361	820	820	2400	650	1897	222	1315	5181
8214	12845	8119	11094	5211	1427	870	870	2558	675	2067	247	1405	5254
8215	14167	8934	11323	5511	1582	923	923	2775	731	2210	281	1352	5416
8216	15041	9606	12431	5970	1623	974	974	2851	750	2244	302	1418	5666
8217	15573	9916	13137	6285	1707	988	988	3005	787	2342	308	1449	5843
8218	16405	10068	13264	6345	1743	999	999	3037	794	2361	310	1455	5915
8219	16314	10185	13304	6415	1722	1004	1004	3040	795	2294	311	1441	5929
8220	15764	10163	13334	6429	1679	997	997	3043	794	2235	307	1406	5941
8221	15477	10073	13319	6404	1634	995	995	3048	794	2221	307	1389	5955
8222	15189	9984	13306	6359	1623	988	988	3040	793	2201	303	1384	5942
8223	15114	9955	13290	6346	1618	987	987	3037	793	2176	303	1398	5939
8224	15190	9997	13337	6419	1617	987	987	3038	794	2171	303	1456	5959
8225	16428	11063	14867	6985	1625	1014	1014	3287	805	2215	308	1703	6197
8226	18691	13273	17101	7773	1748	1191	1191	3882	970	2388	374	1743	6785
8227	18802	12939	16866	7515	1846	1189	1189	3876	1012	2757	409	1704	6658
8228	18191	12222	16298	7195	1804	1160	1160	3737	980	2700	392	1638	6474
8229	17135	11174	15161	6952	1732	1120	1120	3549	925	2589	373	1570	6366
8230	15688	10212	13785	6608	1655	1035	1035	3325	860	2399	339	1481	6185
8231	15016	9853	13262	6335	1619	987	987	3120	798	2225	304	1451	5967
8232	13746	8939	12531	6172	1498	912	912	2986	752	2070	270	1442	5885
8233	12607	8066	11565	5706	1369	853	853	2740	680	1851	236	1286	5637
8234	11952	7569	10864	5389	1334	810	810	2561	640	1771	216	1230	5428
8235	11928	7433	10559	5241	1338	812	812	2492	617	1756	211	1233	5330
8236	12290	7665	10886	5213	1396	810	810	2468	625	1804	213	1300	5311
8237	13533	8670	12008	5316	1450	841	841	2648	661	2017	237	1443	5389
8238	15613	10367	14129	5760	1621	925	925	3123	773	2370	291	1511	5604
8239	16625	10983	15294	6508	1737	1035	1035	3347	867	2670	344	1516	6070
8240	18430	11224	15451	6860	2013	1096	1096	3359	878	3114	371	1516	6288
8241	18225	11404	15825	7069	1970	1098	1098	3382	888	2985	388	1510	6383
8242	17531	11529	15969	7114	1843	1094	1094	3451	895	2720	389	1509	6391
8243	17036	11485	16295	7123	1762	1085	1085	3450	895	2569	387	1507	6404
8244	16591	11296	16240	7031	1705	1067	1067	3427	891	2468	376	1501	6426
8245	16389	11193	16182	6995	1688	1052	1052	3412	878	2428	363	1490	6382
8246	16314	11075	16100	6930	1680	1044	1044	3403	882	2423	358	1483	6357
8247	16291	11015	15903	6928	1653	1042	1042	3382	878	2421	354	1467	6341
8248	16336	11030	15831	6985	1659	1042	1042	3399	876	2417	353	1508	6365
8249	17301	12020	17330	7520	1687	1077	1077	3715	893	2423	364	1758	6660
8250	19390	14204	19534	8371	1782	1220	1220	4163	1029	2662	434	1840	7197
8251	19683	13831	18714	8129	1899	1258	1258	4159	1062	3176	452	1811	6951
8252	18867	13097	17806	7863	1853	1211	1211	3971	1019	3011	425	1751	6776
8253	17943	11935	16619	7444	1806	1165	1165	3765	1000	2813	406	1650	6622
8254	16651	11071	15533	7134	1754	1091	1091	3488	934	2651	377	1534	6424
8255	16182	10749	15143	6838	1688	1040	1040	3355	870	2422	347	1500	6278
8256	14839	9842	13982	6610	1579	978	978	3133	823	2245	316	1370	6140
8257	13367	8786	12503	5990	1471	903	903	2871	735	1966	261	1337	5709
8258	12515	8139	11664	5574	1421	875	875	2632	695	1884	233	1288	5432
8259	12243	7875	11188	5382	1409	839	839	2543	666	1868	226	1276	5324
8260	12441	8028	11273	5353	1452	853	853	2475	663	1930	229	1346	5273
8261	13590	8987	12364	5380	1505	875	875	2718	693	2113	250	1472	5282
8262	15659	10594	14467	5830	1655	946	946	3123	803	2430	302	1534	5489
8263	16913	11147	15534	6599	1755	1051	1051	3393	880	2783	350	1532	6018
8264	19289	11447	15656	6915	2075	1121	1121	3410	898	3160	382	1529	6260
8265	18766	11526	15976	7186	1989	1121	1121	3429	904	2891	397	1523	6382
8266	17640	11526	16255	7159	1828	1114	1114	3492	915	2609	388	1523	6379
8267	16887	11438	16391	7124	1779	1102	1102	3503	918	2496	377	1516	6387
8268	16513	11242	16364	7001	1732	1082	1082	3499	907	2442	369	1499	6385
8269	16285	11106	16313	6953	1708	1061	1061	3493	893	2437	360	1478	6344
8270	16225	11097	16226	6912	1697	1056	1056	3493	886	2427	357	1455	6317
8271	16213	11056	16035	6891	1680	1054	1054	3476	882	2404	353	1445	6315
8272	16252	11073	15950	6947	1688	1055	1055	3472	881	2391	353	1418	6322
8273	17359	12069	17479	7593	1708	1088	1088	3748	889	2419	360	1820	6571
8274	19527	14090	19613	8373	1842	1238	1238	4268	1030	2524	421	1921	7124
8275	19737	13658	18720	8119	1998	1261	1261	4222	1068	2832	446	1883	6888
8276	18784	13112	17823	7702	1959	1202	1202	3966	1027	2775	425	1834	6703
8277	17823	12094	16668	7362	1861	1149	1149	3843	1014	2657	413	1726	6631
8278	16501	11172	15675	7029	1785	1090	1090	3527	941	2589	373	1576	6408
8279	16009	10833	15250	6823	1711	1048	1048	3398	880	2439	350	1522	6245
8280	14425	9847	13897	6503	1657	968	968	3227	826	2279	320	1416	6064
8281	13236	8897	12664	5936	1449	874	874	2844	747	2057	274	1353	5727
8282	12351	8243	11753	5498	1402	820	820	2613	708	1975	249	1310	5530

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8283	12027	7933	11233	5253	1388	796	796	2474	686	1957	238	1292	5402
8284	12219	7995	11322	5221	1426	799	799	2450	669	2008	241	1348	5342
8285	13318	8951	12364	5313	1498	839	839	2637	701	2183	265	1491	5357
8286	15308	10522	14352	5630	1676	924	924	3054	792	2446	311	1551	5556
8287	16524	11046	15278	6349	1785	1043	1043	3376	877	2789	352	1547	6022
8288	19354	11420	15448	6673	2127	1133	1133	3386	896	3192	391	1542	6242
8289	18880	11579	15924	6954	2085	1145	1145	3444	908	2983	416	1537	6337
8290	17803	11739	16269	6934	1891	1127	1127	3582	932	2661	416	1532	6329
8291	16921	11663	16387	6877	1792	1110	1110	3618	926	2528	400	1518	6338
8292	16267	11353	16230	6723	1750	1085	1085	3586	907	2464	382	1505	6332
8293	15996	11179	16027	6646	1728	1061	1061	3543	890	2453	366	1480	6290
8294	15907	11042	15841	6600	1719	1051	1051	3478	884	2436	358	1460	6281
8295	15896	10986	15628	6580	1711	1047	1047	3439	879	2415	354	1456	6265
8296	15907	11036	15519	6608	1692	1047	1047	3432	879	2411	353	1537	6283
8297	16885	12291	17106	7198	1727	1083	1083	3878	892	2425	360	1834	6556
8298	19319	14134	19499	8050	1797	1260	1260	4376	1087	2508	435	1945	7054
8299	19242	13555	18493	7731	1880	1263	1263	4297	1103	2765	450	1924	6853
8300	18281	12605	17392	7325	1830	1195	1195	4014	1032	2702	423	1877	6698
8301	17415	11697	16265	7033	1798	1154	1154	3765	1038	2622	400	1760	6590
8302	16305	10981	15366	6764	1747	1083	1083	3496	955	2580	378	1607	6386
8303	15829	10654	15000	6573	1722	1044	1044	3382	880	2454	353	1539	6230
8304	14453	9617	13791	6325	1592	975	975	3190	848	2346	325	1433	6083
8305	13750	8514	12630	5862	1523	900	900	2827	780	2143	283	1438	5781
8306	13006	7277	11817	5514	1438	848	848	2612	740	2029	257	1386	5478
8307	12786	7211	11373	5317	1439	816	816	2455	706	2006	247	1368	5348
8308	12996	7201	11298	5282	1475	815	815	2418	688	2068	248	1409	5279
8309	13850	8071	11928	5351	1546	841	841	2540	699	2215	266	1508	5313
8310	15195	9625	13495	5688	1664	924	924	2921	769	2406	303	1554	5512
8311	15993	10289	14321	6281	1778	1020	1020	3147	839	2754	340	1542	5957
8312	18599	10646	14475	6574	2162	1098	1098	3155	843	3158	387	1539	6203
8313	19376	11076	14718	6833	2181	1130	1130	3204	853	3002	425	1535	6325
8314	18919	11314	14977	6828	1996	1116	1116	3304	872	2664	421	1534	6323
8315	17924	11230	15172	6767	1877	1129	1129	3310	882	2499	398	1527	6341
8316	16851	10860	15171	6658	1751	1090	1090	3266	876	2415	375	1496	6342
8317	16023	10559	15058	6615	1691	1050	1050	3256	850	2403	354	1452	6288
8318	15710	10350	14929	6574	1647	1029	1029	3203	842	2350	342	1395	6271
8319	15682	10283	14729	6563	1577	1026	1026	3164	839	2266	341	1380	6251
8320	15690	10286	14693	6629	1592	1026	1026	3156	837	2216	340	1480	6280
8321	16216	11363	16474	7328	1640	1047	1047	3375	842	2263	342	1805	6640
8322	17977	14062	19804	8235	1704	1238	1238	4319	1018	2412	417	1911	7209
8323	18190	13791	18867	7834	1821	1260	1260	4236	1099	2634	459	1896	6949
8324	17691	13067	17895	7477	1833	1229	1229	4004	1057	2627	438	1862	6719
8325	17099	11926	16513	7175	1818	1187	1187	3877	1061	2614	416	1768	6584
8326	16018	10548	14836	6844	1736	1089	1089	3591	977	2567	387	1598	6363
8327	15592	10111	14369	6525	1690	1026	1026	3180	851	2410	341	1534	6199
8328	14619	9105	13395	6368	1621	976	976	3073	817	2284	316	1494	6078
8329	13595	8657	12382	5975	1533	932	932	2787	758	2129	274	1428	5768
8330	12987	8166	11667	5667	1514	902	902	2574	718	2039	251	1379	5494
8331	12816	7939	11261	5507	1525	876	876	2441	696	2020	246	1380	5317
8332	13041	8074	11339	5488	1569	881	881	2476	701	2087	252	1431	5279
8333	13916	8835	12173	5558	1621	907	907	2593	715	2245	272	1518	5287
8334	15362	10078	13797	5849	1710	965	965	3032	787	2437	312	1557	5494
8335	16212	10556	14671	6397	1799	1038	1038	3276	849	2819	349	1549	5934
8336	18561	10887	14805	6655	2184	1101	1101	3296	860	3278	387	1547	6171
8337	18896	11194	15060	6899	2142	1122	1122	3330	873	3156	417	1540	6357
8338	18515	11342	15330	7020	1916	1127	1127	3427	884	2744	412	1538	6391
8339	17851	11263	15457	7046	1824	1109	1109	3437	878	2547	396	1529	6390
8340	16898	10939	15388	6940	1741	1075	1075	3428	866	2451	378	1493	6394
8341	16391	10705	15293	6885	1721	1050	1050	3385	853	2433	361	1435	6305
8342	16085	10578	15178	6797	1684	1041	1041	3349	850	2398	352	1400	6261
8343	15955	10540	15016	6755	1670	1040	1040	3319	849	2354	350	1383	6235
8344	16028	10527	14991	6808	1674	1040	1040	3317	847	2314	350	1502	6234
8345	17567	11508	16515	7412	1703	1064	1064	3675	850	2344	352	1757	6551
8346	19706	13716	19044	8283	1762	1245	1245	4139	997	2457	434	1821	7135
8347	19436	13170	18118	7983	1818	1218	1218	4076	1040	2710	460	1806	6840
8348	17994	12346	16987	7495	1834	1161	1161	3787	995	2652	432	1795	6611
8349	16952	11454	15969	7147	1798	1121	1121	3618	984	2586	412	1717	6437
8350	16066	10661	14999	6856	1771	1067	1067	3384	929	2550	382	1612	6277
8351	15848	10451	14683	6629	1721	1040	1040	3296	857	2438	350	1542	6163
8352	14901	9806	13823	6514	1674	996	996	3187	833	2331	334	1478	6073
8353	13821	8736	12508	6061	1571	941	941	2905	773	2115	286	1472	5806
8354	13127	8074	11774	5723	1501	908	908	2683	724	2020	255	1438	5522
8355	12770	7675	11210	5555	1504	883	883	2596	689	1948	240	1414	5359
8356	12827	7610	11155	5451	1514	880	880	2569	684	1989	240	1427	5252
8357	13245	7991	11408	5467	1578	894	894	2622	685	2115	255	1472	5217
8358	14128	8855	12451	5589	1621	931	931	2752	729	2306	286	1511	5284
8359	15057	9588	13111	5892	1695	980	980	2984	787	2395	322	1505	5508
8360	15426	10024	13659	6259	1750	1016	1016	3035	814	2726	335	1511	5802
8361	16774	10222	13803	6402	1939	1033	1033	3080	827	3035	350	1512	5953
8362	18138	10545	14009	6530	2032	1070	1070	3132	841	2895	367	1511	5968
8363	17873	10566	14082	6611	1953	1086	1086	3157	846	2613	365	1495	5999
8364	16915	10383	13989	6591	1794	1061	1061	3144	838	2419	351	1452	6033

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8365	15971	10215	13855	6530	1704	1036	1036	3108	829	2358	339	1379	6016
8366	15528	10111	13772	6471	1677	1019	1019	3069	827	2277	335	1316	5988
8367	15411	10081	13757	6442	1643	1017	1017	3049	826	2148	332	1324	5978
8368	15460	10103	13759	6495	1646	1017	1017	3044	825	2106	331	1479	5986
8369	16611	11277	15020	7046	1691	1045	1045	3148	829	2211	335	1716	6268
8370	18527	13222	17445	7684	1787	1206	1206	3825	1004	2418	397	1774	7041
8371	18046	12686	16801	7390	1866	1196	1196	3781	1085	2800	432	1750	6794
8372	17009	11787	16095	7015	1818	1141	1141	3646	1018	2723	410	1709	6533
8373	16229	11035	15085	6768	1759	1096	1096	3558	956	2617	392	1647	6376
8374	15542	10347	14139	6558	1714	1048	1048	3333	897	2486	366	1564	6202
8375	15317	10070	13746	6407	1691	1017	1017	3152	832	2362	337	1515	6029
8376	14360	9402	13058	6320	1605	985	985	3036	809	2247	318	1506	5955
8377	13734	8596	12113	5936	1548	929	929	2828	749	2024	279	1402	5752
8378	13036	7911	11258	5599	1453	893	893	2628	699	1861	244	1312	5509
8379	12638	7542	10740	5369	1439	862	862	2555	672	1818	225	1251	5302
8380	12604	7445	10519	5278	1471	855	855	2502	652	1808	216	1249	5213
8381	12905	7702	10693	5293	1481	863	863	2508	652	1946	227	1312	5181
8382	13592	8390	11311	5425	1538	892	892	2616	684	2158	253	1418	5244
8383	14500	9165	11606	5678	1618	934	934	2812	739	2313	287	1350	5416
8384	15102	9744	12527	6061	1643	982	982	2865	760	2361	311	1423	5667
8385	15600	9991	13147	6336	1747	996	996	2985	794	2483	316	1462	5873
8386	16457	10147	13257	6393	1815	1004	1004	3019	804	2489	318	1472	5945
8387	16438	10254	13287	6463	1777	1009	1009	3027	805	2398	318	1442	5962
8388	15933	10199	13304	6496	1721	1005	1005	3028	804	2326	315	1381	5976
8389	15602	10113	13286	6468	1664	1003	1003	3030	804	2309	314	1341	5988
8390	15272	10021	13274	6418	1648	997	997	3027	804	2235	312	1320	5974
8391	15183	9998	13263	6398	1638	996	996	3023	804	2151	311	1347	5969
8392	15246	10029	13295	6465	1640	996	996	3027	804	2125	311	1472	5990
8393	16467	10922	14759	7040	1648	1027	1027	3295	814	2254	316	1747	6280
8394	18744	13273	17277	7798	1814	1191	1191	3882	973	2427	377	1810	6979
8395	18802	13019	17092	7555	1947	1177	1177	3878	1027	2766	409	1779	6846
8396	18119	12342	16511	7244	1841	1143	1143	3730	992	2756	394	1710	6654
8397	17099	11355	15323	6998	1735	1107	1107	3554	940	2669	377	1628	6538
8398	15700	10354	13866	6672	1668	1041	1041	3333	874	2495	345	1514	6320
8399	15079	9948	13257	6385	1638	996	996	3142	809	2321	312	1474	6041
8400	14136	9067	12574	6240	1540	940	940	2983	768	2100	276	1469	5944
8401	13060	8176	11725	5829	1395	884	884	2760	705	1847	240	1338	5717
8402	12449	7707	11033	5523	1352	842	842	2588	663	1772	219	1279	5470
8403	12396	7553	10739	5370	1340	841	841	2531	644	1756	213	1282	5353
8404	12691	7819	11035	5338	1398	837	837	2478	648	1825	215	1341	5311
8405	13764	8825	12096	5404	1449	866	866	2645	680	2079	237	1469	5378
8406	15562	10408	14050	5797	1623	937	937	3087	784	2454	291	1527	5598
8407	16432	11014	15160	6457	1740	1033	1033	3333	873	2731	348	1532	6048
8408	18144	11276	15311	6811	2087	1082	1082	3350	885	3176	368	1534	6301
8409	18160	11514	15679	6981	2055	1094	1094	3369	897	3094	388	1528	6368
8410	17646	11612	15827	7067	1936	1099	1099	3439	910	2805	396	1526	6378
8411	17136	11567	16145	7115	1809	1092	1092	3447	910	2628	396	1523	6404
8412	16633	11332	16066	7037	1727	1072	1072	3420	904	2517	387	1512	6434
8413	16384	11206	15998	6988	1695	1056	1056	3406	886	2490	373	1496	6395
8414	16260	11077	15909	6918	1689	1049	1049	3398	890	2482	367	1484	6369
8415	16216	11017	15712	6907	1668	1043	1043	3371	884	2464	362	1462	6351
8416	16264	11021	15638	6964	1664	1043	1043	3381	883	2451	361	1519	6369
8417	17289	11842	17097	7522	1689	1078	1078	3621	902	2475	371	1748	6633
8418	19439	14204	19534	8371	1795	1234	1234	4171	1074	2614	438	1840	7197
8419	19683	13909	18796	8145	1974	1259	1259	4159	1127	3036	459	1821	6994
8420	18733	13207	17815	7829	1938	1210	1210	3970	1072	2928	434	1766	6834
8421	17797	12074	16625	7417	1874	1163	1163	3783	1050	2791	415	1671	6682
8422	16527	11144	15463	7107	1779	1089	1089	3475	965	2667	386	1554	6480
8423	16101	10820	15077	6813	1693	1041	1041	3348	877	2489	353	1521	6306
8424	14894	9937	13970	6619	1601	982	982	3152	833	2256	323	1414	6205
8425	13362	8947	12728	6107	1446	914	914	2903	756	2060	271	1420	5819
8426	12538	8372	11958	5738	1409	875	875	2705	716	1989	244	1390	5566
8427	12243	8075	11505	5557	1415	840	840	2580	692	1974	237	1382	5410
8428	12437	8229	11598	5521	1467	846	846	2475	693	2033	242	1430	5376
8429	13522	9149	12567	5556	1528	870	870	2703	719	2215	262	1503	5404
8430	15530	10650	14401	5912	1690	938	938	3101	814	2477	309	1544	5587
8431	16568	11161	15369	6539	1779	1039	1039	3389	886	2796	354	1540	6064
8432	18583	11467	15486	6813	2082	1092	1092	3409	899	3160	382	1535	6298
8433	18499	11569	15795	7059	2033	1102	1102	3422	908	2953	402	1529	6406
8434	17745	11589	16086	7095	1886	1103	1103	3478	921	2675	394	1528	6409
8435	17035	11473	16238	7075	1807	1093	1093	3488	923	2537	383	1520	6419
8436	16567	11266	16217	6965	1761	1075	1075	3489	920	2481	375	1502	6421
8437	16277	11110	16173	6895	1731	1054	1054	3495	903	2472	365	1485	6380
8438	16190	11089	16071	6854	1710	1047	1047	3493	897	2449	361	1460	6355
8439	16164	11057	15856	6829	1683	1045	1045	3470	889	2406	357	1449	6350
8440	16188	11064	15744	6868	1686	1045	1045	3456	887	2384	357	1514	6357
8441	17234	11951	17157	7459	1721	1075	1075	3759	894	2423	363	1801	6591
8442	19524	14090	19613	8373	1814	1226	1226	4268	1031	2517	423	1921	7124
8443	19737	13654	18768	8136	1964	1261	1261	4192	1081	2762	456	1891	6918
8444	18797	13189	17824	7708	1936	1198	1198	3988	1033	2726	435	1837	6750
8445	17827	12171	16639	7353	1850	1144	1144	3826	1019	2656	422	1739	6682
8446	16498	11194	15554	7007	1792	1085	1085	3532	952	2604	380	1585	6463

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8447	16020	10851	15162	6777	1732	1041	1041	3404	887	2479	355	1528	6294
8448	14614	9856	13933	6518	1671	974	974	3242	844	2328	325	1472	6137
8449	13287	8890	12713	5899	1459	874	874	2884	761	2162	283	1424	5790
8450	12383	8257	11874	5432	1415	821	821	2624	723	2091	259	1400	5552
8451	12027	7981	11383	5152	1388	796	796	2481	702	2091	248	1393	5403
8452	12220	8056	11456	5111	1429	802	802	2450	692	2146	251	1430	5342
8453	13318	8956	12393	5216	1498	831	831	2648	719	2302	273	1523	5351
8454	15257	10473	14166	5541	1689	913	913	3114	805	2475	316	1566	5545
8455	16264	10965	15018	6270	1792	1032	1032	3357	879	2827	354	1559	6012
8456	18360	11296	15157	6596	2110	1108	1108	3366	897	3192	390	1550	6254
8457	18373	11486	15586	6846	2127	1137	1137	3415	906	3005	415	1546	6329
8458	17715	11646	15912	6912	1883	1131	1131	3542	926	2675	416	1541	6329
8459	17037	11571	16063	6912	1787	1115	1115	3567	922	2535	401	1525	6344
8460	16420	11260	15942	6782	1744	1086	1086	3534	904	2478	382	1510	6343
8461	16092	11070	15757	6685	1733	1058	1058	3492	887	2468	366	1483	6306
8462	15948	10935	15577	6618	1717	1043	1043	3452	882	2437	359	1469	6295
8463	15919	10876	15335	6583	1692	1038	1038	3417	880	2404	356	1465	6279
8464	15946	10898	15227	6621	1670	1037	1037	3392	880	2393	355	1536	6294
8465	16913	11960	16743	7261	1731	1067	1067	3790	885	2413	359	1837	6546
8466	18869	14134	19499	8050	1792	1261	1261	4376	1061	2493	432	1945	7054
8467	18584	13497	18392	7659	1886	1263	1263	4266	1103	2693	450	1884	6887
8468	17580	12453	17170	7231	1840	1181	1181	3956	1034	2639	420	1826	6738
8469	16791	11555	16030	6937	1797	1133	1133	3713	1029	2577	396	1720	6632
8470	16054	10898	15126	6700	1748	1068	1068	3457	952	2543	376	1594	6428
8471	15739	10603	14826	6558	1729	1035	1035	3361	884	2474	355	1546	6257
8472	14175	9712	13808	6331	1622	975	975	3171	860	2367	331	1478	6139
8473	13476	8362	12277	5565	1524	886	886	2802	776	2205	279	1416	5825
8474	12717	7201	11428	5107	1438	842	842	2575	733	2138	256	1366	5498
8475	12506	7203	11016	4853	1453	815	815	2446	703	2127	248	1345	5350
8476	12784	7276	11018	4785	1466	819	819	2400	688	2185	251	1384	5279
8477	13731	8189	11826	4881	1537	852	852	2564	703	2296	270	1485	5311
8478	15388	9831	13711	5357	1667	924	924	2966	780	2441	309	1535	5513
8479	16214	10530	14735	6130	1778	1028	1028	3222	850	2776	349	1536	5947
8480	18374	10745	14896	6513	2181	1092	1092	3230	855	3158	391	1530	6216
8481	18512	10999	15152	6717	2131	1102	1102	3257	866	2958	412	1526	6314
8482	17946	11157	15469	6758	1945	1088	1088	3345	878	2655	401	1524	6339
8483	17233	11136	15661	6724	1863	1092	1092	3347	877	2512	383	1517	6371
8484	16568	10912	15670	6642	1760	1065	1065	3316	869	2446	369	1489	6384
8485	16174	10752	15586	6595	1711	1046	1046	3313	854	2437	358	1457	6318
8486	16014	10621	15528	6556	1697	1037	1037	3280	852	2409	351	1415	6291
8487	16002	10572	15344	6543	1663	1034	1034	3250	852	2370	349	1414	6262
8488	16009	10600	15306	6600	1671	1037	1037	3244	851	2350	349	1494	6284
8489	16789	11708	17039	7246	1701	1067	1067	3473	854	2382	356	1796	6634
8490	19009	14062	19804	8235	1775	1252	1252	4319	1021	2462	431	1911	7209
8491	19376	13637	18847	7862	1932	1260	1260	4246	1099	2722	459	1893	6942
8492	18759	12867	17906	7530	1914	1221	1221	3965	1050	2699	433	1844	6684
8493	17944	11845	16611	7239	1893	1184	1184	3837	1040	2655	407	1747	6547
8494	16591	10721	15143	6897	1779	1104	1104	3529	958	2594	381	1584	6354
8495	15967	10355	14739	6528	1709	1034	1034	3236	856	2445	349	1525	6218
8496	15143	9390	13645	6372	1640	990	990	3119	821	2356	323	1462	6119
8497	13665	8552	12304	5640	1556	923	923	2769	758	2164	287	1418	5785
8498	12996	7963	11447	5123	1514	894	894	2542	718	2081	265	1361	5510
8499	12816	7710	10943	4838	1527	876	876	2403	696	2054	260	1357	5346
8500	13082	7840	11017	4808	1567	879	879	2439	699	2104	264	1395	5279
8501	14160	8712	11940	4950	1619	910	910	2557	716	2244	281	1486	5280
8502	15923	10191	13859	5446	1706	970	970	3031	788	2450	319	1530	5471
8503	16896	10759	14938	6282	1775	1051	1051	3287	854	2795	356	1531	5902
8504	19183	11107	15088	6702	2138	1121	1121	3304	865	3278	397	1526	6178
8505	19348	11362	15409	6884	2129	1137	1137	3335	878	3162	425	1522	6294
8506	18783	11530	15747	7007	1953	1133	1133	3448	890	2765	414	1521	6330
8507	18097	11472	15902	7051	1863	1119	1119	3455	886	2587	399	1515	6365
8508	17305	11164	15805	6986	1768	1090	1090	3450	874	2486	388	1493	6396
8509	16883	10921	15715	6929	1737	1064	1064	3422	860	2459	370	1452	6329
8510	16669	10777	15585	6847	1720	1053	1053	3388	857	2444	361	1419	6284
8511	16574	10719	15396	6806	1700	1053	1053	3346	856	2418	357	1406	6256
8512	16623	10695	15323	6864	1699	1053	1053	3340	855	2392	356	1495	6256
8513	17832	11548	16676	7452	1726	1073	1073	3672	859	2408	361	1740	6566
8514	19706	13716	19044	8283	1806	1212	1212	4139	1010	2485	438	1823	7135
8515	19646	13252	18162	8027	1875	1196	1196	4107	1040	2742	460	1822	6921
8516	18378	12404	17021	7560	1879	1146	1146	3415	991	2662	431	1812	6692
8517	17465	11545	16072	7235	1838	1111	1111	3596	981	2586	409	1730	6516
8518	16670	10807	15190	6932	1791	1071	1071	3397	924	2546	382	1606	6339
8519	16455	10598	14883	6702	1734	1051	1051	3299	859	2459	356	1527	6189
8520	15351	9849	13839	6530	1702	998	998	3100	835	2348	341	1486	6118
8521	13895	9039	12682	5937	1590	939	939	2865	770	2152	308	1461	5825
8522	12916	8462	12018	5378	1501	897	897	2594	726	2043	288	1432	5566
8523	12487	8098	11457	5105	1512	872	872	2499	693	1986	278	1410	5371
8524	12571	8026	11357	4944	1525	862	862	2450	684	2029	278	1414	5234
8525	13211	8364	11628	4962	1595	885	885	2504	690	2140	288	1460	5217
8526	14357	9091	12550	5196	1639	919	919	2686	732	2305	307	1504	5283
8527	15580	9705	13171	5650	1709	978	978	2967	788	2388	331	1500	5529
8528	15997	10070	13671	6246	1768	1019	1019	3044	815	2723	340	1503	5826

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8529	17187	10256	13815	6483	1974	1031	1031	3083	828	3035	353	1505	6002
8530	18346	10591	14067	6596	2032	1062	1062	3138	839	2920	371	1504	6023
8531	18056	10608	14125	6673	1939	1073	1073	3169	848	2638	370	1491	6055
8532	17227	10429	14032	6662	1787	1057	1057	3161	841	2431	357	1454	6093
8533	16402	10263	13879	6601	1712	1038	1038	3120	831	2364	345	1384	6084
8534	16029	10157	13784	6545	1685	1025	1025	3074	828	2301	340	1329	6053
8535	15933	10127	13766	6515	1632	1022	1022	3057	827	2212	339	1342	6036
8536	15961	10147	13768	6562	1635	1022	1022	3041	827	2171	339	1473	6042
8537	16808	11215	14910	7057	1692	1045	1045	3126	831	2262	341	1721	6305
8538	18354	13222	17445	7677	1805	1176	1176	3825	1006	2431	397	1798	7041
8539	18018	12653	16834	7438	1905	1163	1163	3825	1085	2827	432	1768	6816
8540	17143	11748	16108	7103	1850	1115	1115	3659	1016	2726	410	1719	6585
8541	16531	11032	15064	6852	1789	1079	1079	3564	954	2613	393	1653	6425
8542	16014	10373	14127	6643	1748	1045	1045	3325	890	2478	368	1562	6267
8543	15803	10115	13757	6491	1709	1021	1021	3156	831	2364	342	1509	6093
8544	14425	9536	13118	6361	1644	990	990	3024	808	2254	329	1502	6014
8545	13516	8782	12244	5980	1574	927	927	2823	763	2127	296	1418	5807
8546	12469	8184	11544	5576	1467	887	887	2616	725	2013	276	1361	5547
8547	11912	7863	11089	5308	1451	860	860	2542	704	1976	265	1316	5333
8548	11875	7764	10888	5213	1452	855	855	2467	690	1982	260	1306	5235
8549	12312	7991	11044	5233	1459	873	873	2480	691	2063	266	1354	5181
8550	13312	8581	11546	5395	1529	899	899	2595	726	2187	280	1419	5249
8551	14635	9244	11845	5695	1618	942	942	2794	770	2311	301	1395	5439
8552	15548	9706	12552	6128	1654	990	990	2870	785	2351	317	1433	5695
8553	15928	9909	13067	6413	1753	1004	1004	2989	809	2457	321	1464	5916
8554	16563	10044	13163	6470	1822	1014	1014	3023	814	2483	323	1470	5999
8555	16541	10136	13185	6546	1776	1020	1020	3030	815	2410	324	1454	6025
8556	16161	10076	13195	6589	1719	1014	1014	3031	815	2346	321	1420	6037
8557	15898	10002	13181	6566	1674	1011	1011	3036	814	2326	321	1401	6051
8558	15686	9925	13169	6514	1656	1005	1005	3030	814	2301	318	1376	6043
8559	15607	9907	13164	6480	1648	1003	1003	3027	814	2264	318	1388	6037
8560	15660	9923	13178	6535	1651	1003	1003	3030	814	2249	318	1467	6057
8561	16511	10685	14453	7094	1654	1027	1027	3309	824	2299	323	1732	6326
8562	18093	13273	17277	7798	1792	1191	1191	3882	977	2446	381	1810	6979
8563	18107	13045	17184	7588	1947	1184	1184	3859	1027	2823	409	1781	6855
8564	17631	12348	16583	7265	1863	1147	1147	3701	992	2820	394	1723	6692
8565	16961	11393	15394	7035	1785	1114	1114	3538	942	2719	377	1635	6573
8566	15974	10333	13882	6738	1700	1045	1045	3336	879	2529	348	1515	6368
8567	15508	9881	13167	6457	1653	1003	1003	3107	819	2338	319	1470	6105
8568	14076	9123	12618	6293	1558	944	944	2953	792	2222	299	1468	6010
8569	12259	8319	11614	5674	1434	863	863	2731	732	2131	265	1356	5746
8570	11441	7871	10900	5306	1374	832	832	2539	690	2089	248	1322	5488
8571	11367	7731	10624	5127	1378	828	828	2491	677	2080	244	1328	5361
8572	11742	8005	10894	5103	1410	825	825	2432	681	2143	247	1382	5311
8573	13236	8931	11963	5185	1450	867	867	2611	715	2293	267	1495	5360
8574	15771	10381	13988	5643	1634	938	938	3060	807	2514	312	1543	5599
8575	16823	10955	15118	6469	1749	1045	1045	3334	883	2765	358	1549	6084
8576	18024	11248	15263	6902	2087	1106	1106	3354	892	3176	379	1547	6357
8577	18439	11483	15629	7073	2084	1110	1110	3373	905	3095	400	1542	6414
8578	18015	11579	15787	7162	1956	1118	1118	3435	919	2833	405	1540	6421
8579	17619	11518	16058	7217	1818	1106	1106	3462	922	2673	404	1536	6448
8580	17146	11258	15955	7156	1742	1084	1084	3446	916	2568	393	1523	6471
8581	16898	11117	15875	7121	1715	1064	1064	3416	899	2538	379	1503	6441
8582	16753	10983	15761	7077	1707	1058	1058	3410	902	2533	373	1480	6418
8583	16716	10931	15581	7049	1688	1052	1052	3379	898	2524	368	1465	6403
8584	16775	10932	15527	7106	1685	1052	1052	3379	894	2516	367	1523	6419
8585	17730	11647	16855	7659	1708	1087	1087	3572	913	2531	374	1716	6644
8586	19519	14204	19534	8371	1838	1236	1236	4171	1075	2668	435	1826	7152
8587	19576	13958	18870	8051	1970	1259	1259	4139	1127	3077	459	1816	6987
8588	18654	13203	17894	7717	1956	1209	1209	3964	1070	2969	436	1765	6847
8589	17761	12079	16662	7398	1856	1160	1160	3758	1040	2826	418	1675	6703
8590	16807	11092	15422	7103	1778	1088	1088	3465	964	2717	390	1567	6524
8591	16395	10780	15032	6898	1711	1048	1048	3352	888	2537	361	1535	6364
8592	14448	9989	13919	6617	1623	969	969	3141	849	2419	335	1448	6272
8593	13038	8853	12321	5954	1455	880	880	2867	765	2164	280	1382	5857
8594	11959	8262	11359	5488	1407	836	836	2656	724	2098	256	1337	5564
8595	11609	7961	10864	5254	1423	793	793	2506	699	2087	250	1330	5405
8596	11706	8108	10973	5200	1453	794	794	2404	693	2135	255	1397	5376
8597	12936	9084	12093	5228	1510	827	827	2650	713	2304	275	1506	5412
8598	15361	10589	14197	5643	1681	908	908	3076	808	2523	320	1553	5606
8599	16450	11127	15292	6465	1778	1035	1035	3367	888	2820	363	1557	6107
8600	17748	11491	15422	6835	2082	1084	1084	3388	898	3160	393	1546	6364
8601	17824	11599	15760	7023	2052	1099	1099	3399	908	2964	413	1535	6455
8602	17445	11586	16101	7044	1888	1099	1099	3457	917	2698	404	1533	6455
8603	17019	11442	16200	7072	1823	1092	1092	3466	917	2571	394	1513	6468
8604	16656	11199	16133	6999	1790	1079	1079	3461	914	2526	386	1470	6470
8605	16431	11074	16083	6951	1744	1057	1057	3458	902	2513	375	1435	6434
8606	16332	11008	15966	6906	1738	1049	1049	3454	898	2483	370	1380	6415
8607	16285	10979	15744	6888	1724	1045	1045	3431	890	2430	366	1384	6404
8608	16323	10982	15637	6924	1724	1045	1045	3410	889	2405	366	1493	6413
8609	17113	11750	16932	7376	1740	1073	1073	3654	892	2446	372	1691	6604
8610	18670	14090	19613	8054	1824	1212	1212	4174	1014	2543	426	1799	7064



Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8611	18729	13910	18819	7840	1986	1239	1239	4101	1081	2760	456	1787	6888
8612	18100	13125	17828	7492	1956	1175	1175	3917	1034	2740	434	1753	6729
8613	17346	12076	16636	7234	1866	1125	1125	3736	1021	2685	420	1687	6670
8614	16443	11103	15477	6971	1800	1071	1071	3484	953	2636	381	1573	6497
8615	16050	10736	15022	6816	1741	1035	1035	3381	889	2525	363	1534	6360
8616	14284	9664	13656	6470	1646	942	942	3178	844	2401	329	1442	6177
8617	13345	8660	12238	5918	1460	872	872	2851	762	2113	284	1361	5834
8618	12393	8032	11228	5473	1400	821	821	2599	721	2027	259	1317	5572
8619	12027	7767	10669	5204	1388	798	798	2487	704	2039	246	1296	5416
8620	12173	7874	10785	5111	1414	796	796	2450	692	2119	249	1347	5342
8621	13190	8822	11894	5132	1493	827	827	2615	716	2334	271	1493	5375
8622	15171	10397	13982	5516	1672	901	901	3042	812	2540	316	1552	5583
8623	16165	10942	14965	6262	1757	1020	1020	3316	882	2843	358	1551	6065
8624	18167	11370	15130	6596	1980	1071	1071	3329	898	3159	389	1540	6317
8625	18217	11591	15644	6845	2044	1091	1091	3366	904	3010	414	1534	6392
8626	17744	11642	15961	6921	1879	1090	1090	3486	921	2731	419	1528	6392
8627	17151	11542	16092	6940	1789	1083	1083	3508	917	2602	405	1504	6405
8628	16550	11165	15927	6836	1745	1064	1064	3484	901	2542	387	1477	6404
8629	16209	10951	15671	6758	1732	1048	1048	3449	886	2527	371	1430	6373
8630	16015	10807	15467	6676	1727	1035	1035	3410	882	2472	365	1394	6360
8631	15950	10759	15232	6622	1712	1030	1030	3381	882	2404	360	1379	6345
8632	15981	10761	15132	6688	1684	1029	1029	3355	881	2381	359	1501	6359
8633	16923	11628	16446	7313	1729	1055	1055	3630	883	2416	365	1753	6572
8634	18869	14079	19475	8050	1785	1190	1190	4127	1009	2542	426	1868	7030
8635	18612	13466	18379	7636	1867	1185	1185	4051	1048	2674	441	1811	6878
8636	17532	12378	17191	7227	1819	1127	1127	3798	992	2647	412	1769	6737
8637	16728	11453	15978	6912	1783	1089	1089	3608	992	2602	390	1674	6645
8638	16034	10793	15055	6692	1733	1048	1048	3397	932	2582	373	1566	6466
8639	15740	10485	14702	6570	1717	1025	1025	3321	884	2535	358	1533	6318
8640	14340	9559	13490	6336	1587	966	966	3135	857	2365	329	1439	6159
8641	13072	8097	11402	5592	1308	837	837	2678	744	1837	245	1241	5807
8642	12148	6819	10324	5115	1166	781	781	2382	682	1676	211	1143	5513
8643	11873	6902	9760	4883	1194	750	750	2214	643	1693	199	1100	5366
8644	12158	7006	9811	4785	1185	758	758	2136	618	1833	202	1192	5304
8645	13176	7913	10882	4867	1294	799	799	2327	646	2146	230	1412	5335
8646	15200	9696	13301	5340	1578	885	885	2829	754	2485	289	1513	5538
8647	16118	10434	14668	6132	1720	1019	1019	3184	848	2777	349	1518	5991
8648	17898	10704	14838	6511	1995	1072	1072	3199	855	3100	388	1512	6271
8649	18138	10948	15154	6723	1993	1084	1084	3219	866	2951	410	1504	6366
8650	17786	11072	15489	6792	1875	1077	1077	3313	876	2674	398	1503	6391
8651	17264	10993	15628	6771	1833	1077	1077	3322	876	2545	382	1488	6428
8652	16655	10772	15584	6704	1744	1060	1060	3292	866	2487	371	1427	6446
8653	16239	10594	15510	6647	1700	1045	1045	3290	854	2457	362	1352	6386
8654	16036	10441	15408	6602	1689	1038	1038	3263	852	2355	354	1234	6350
8655	16004	10398	15245	6588	1655	1033	1033	3222	851	2224	351	1204	6322
8656	16016	10406	15182	6646	1665	1036	1036	3217	850	2160	351	1372	6336
8657	16799	11228	16679	7290	1692	1062	1062	3488	852	2244	359	1693	6641
8658	18772	13762	19804	8235	1762	1200	1200	4075	986	2489	426	1825	7209
8659	19078	13324	18904	7823	1886	1207	1207	4073	1059	2659	449	1819	6951
8660	18444	12596	17925	7449	1867	1175	1175	3804	1015	2650	424	1777	6700
8661	17609	11638	16601	7143	1841	1140	1140	3709	1006	2619	400	1686	6571
8662	16409	10579	15078	6834	1753	1084	1084	3400	935	2578	375	1553	6390
8663	15934	10225	14604	6517	1690	1032	1032	3204	853	2485	350	1501	6273
8664	14860	9216	13198	6359	1538	978	978	3046	801	2197	309	1340	6163
8665	13708	8315	11958	5646	1276	894	894	2657	694	1873	249	1208	5854
8666	13013	7693	10999	5150	1160	868	868	2400	641	1691	217	1061	5591
8667	12816	7449	10504	4867	1163	839	839	2215	604	1689	207	1046	5431
8668	13018	7635	10570	4808	1280	836	836	2250	606	1781	213	1142	5359
8669	13998	8551	11591	4922	1392	881	881	2443	626	2086	237	1387	5357
8670	15720	10123	13669	5401	1616	948	948	2969	743	2482	295	1502	5530
8671	16624	10706	14832	6250	1731	1049	1049	3259	850	2690	354	1509	5948
8672	18590	11092	14982	6673	2103	1113	1113	3299	862	3010	385	1499	6203
8673	18812	11352	15364	6870	2108	1129	1129	3338	873	2947	411	1492	6281
8674	18445	11467	15702	7004	1952	1127	1127	3461	887	2695	403	1490	6317
8675	17931	11362	15821	7051	1882	1116	1116	3495	883	2576	393	1475	6369
8676	17236	11026	15647	7005	1767	1091	1091	3486	870	2509	383	1413	6388
8677	16858	10797	15530	6947	1722	1068	1068	3463	857	2489	370	1299	6329
8678	16619	10657	15376	6855	1693	1055	1055	3421	853	2445	362	1183	6296
8679	16481	10610	15187	6809	1646	1053	1053	3377	852	2374	357	1144	6271
8680	16548	10597	15078	6873	1655	1054	1054	3367	852	2315	356	1367	6272
8681	17661	11207	16171	7468	1695	1072	1072	3632	854	2353	361	1677	6547
8682	19357	13533	18933	8283	1784	1207	1207	4139	974	2500	418	1823	7135
8683	19190	13111	18012	7992	1894	1201	1201	4119	1007	2641	439	1814	6946
8684	17972	12292	16991	7501	1881	1148	1148	3420	962	2599	415	1809	6724
8685	17157	11465	16003	7173	1833	1112	1112	3594	952	2557	396	1730	6561
8686	16482	10707	15057	6873	1776	1074	1074	3374	902	2535	374	1588	6380
8687	16286	10492	14726	6673	1705	1052	1052	3297	853	2490	356	1500	6222
8688	15192	9702	13567	6489	1628	992	992	3036	815	2246	332	1407	6163
8689	13831	8711	12198	5928	1536	914	914	2785	737	2022	287	1440	5914
8690	12890	8015	11278	5371	1416	858	858	2471	678	1858	254	1414	5679
8691	12494	7618	10561	5098	1417	828	828	2393	641	1767	238	1401	5496
8692	12487	7522	10402	4944	1428	810	810	2310	625	1848	238	1406	5365

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8693	13107	7994	10940	4981	1518	856	856	2373	636	2075	250	1446	5348
8694	14146	8882	12031	5224	1570	890	890	2589	699	2336	282	1475	5413
8695	15369	9590	12795	5647	1683	969	969	2942	771	2425	322	1474	5631
8696	15858	10031	13498	6202	1722	1030	1030	3034	810	2714	343	1474	5913
8697	16977	10215	13673	6453	1906	1042	1042	3121	828	2998	352	1474	6059
8698	18543	10524	13921	6558	2009	1067	1067	3151	838	2904	368	1473	6079
8699	18490	10535	13960	6663	1933	1081	1081	3184	851	2633	369	1445	6118
8700	17649	10375	13850	6681	1770	1069	1069	3182	843	2441	359	1385	6161
8701	16614	10217	13718	6614	1700	1052	1052	3155	833	2388	349	1283	6159
8702	16099	10118	13631	6551	1682	1040	1040	3122	829	2236	344	1212	6119
8703	15909	10089	13620	6508	1641	1037	1037	3119	828	2002	343	1187	6096
8704	15953	10103	13624	6556	1648	1037	1037	3116	828	1846	343	1368	6103
8705	16979	10908	14587	7033	1688	1058	1058	3199	835	2001	344	1660	6336
8706	18931	12886	17243	7677	1820	1173	1173	3825	1014	2395	394	1798	7041
8707	18587	12363	16751	7432	2014	1176	1176	3813	1085	2642	425	1783	6822
8708	17517	11525	16030	7069	1943	1131	1131	3591	1018	2591	413	1736	6576
8709	16677	10890	14968	6814	1875	1095	1095	3520	963	2533	396	1664	6448
8710	15978	10298	13996	6610	1779	1064	1064	3329	896	2463	371	1559	6307
8711	15760	10070	13616	6459	1703	1037	1037	3180	833	2389	346	1485	6143
8712	14695	9334	12827	6335	1674	1012	1012	3073	805	2192	332	1473	6068
8713	13400	8527	11875	5959	1577	928	928	2801	728	2004	293	1365	5894
8714	12353	7796	10954	5553	1432	895	895	2563	661	1841	263	1274	5661
8715	11875	7399	10365	5286	1392	850	850	2501	629	1770	247	1201	5467
8716	11964	7261	10086	5213	1382	843	843	2397	615	1804	241	1192	5369
8717	12533	7563	10302	5247	1408	885	885	2429	627	1954	251	1279	5342
8718	13731	8273	10975	5404	1518	910	910	2559	691	2147	274	1394	5389
8719	15012	9071	11460	5717	1649	965	965	2806	761	2345	306	1366	5553
8720	15839	9656	12387	6136	1703	1022	1022	2879	787	2400	327	1417	5795
8721	16454	9897	13058	6402	1856	1038	1038	3053	820	2517	333	1463	6002
8722	17302	10045	13169	6457	1940	1050	1050	3088	827	2551	334	1470	6074
8723	17108	10113	13212	6533	1861	1055	1055	3097	828	2477	333	1449	6099
8724	16570	10050	13242	6580	1776	1049	1049	3099	829	2399	333	1399	6112
8725	16148	9985	13222	6561	1717	1046	1046	3103	828	2370	333	1375	6126
8726	15902	9912	13196	6502	1697	1039	1039	3098	827	2335	329	1316	6118
8727	15844	9894	13179	6459	1682	1037	1037	3096	826	2267	329	1354	6112
8728	15856	9908	13196	6494	1686	1037	1037	3097	826	2245	328	1462	6130
8729	16634	10605	14370	6986	1690	1050	1050	3284	836	2324	332	1716	6369
8730	19025	13252	17277	7798	1809	1184	1184	3784	979	2467	379	1810	7030
8731	19322	12995	17189	7616	1947	1191	1191	3752	1032	2823	407	1784	6922
8732	18799	12320	16570	7295	1888	1161	1161	3593	997	2804	395	1722	6740
8733	17951	11395	15389	7063	1831	1133	1133	3496	950	2713	380	1631	6621
8734	16562	10300	13865	6751	1758	1071	1071	3318	884	2548	355	1513	6433
8735	15833	9854	13170	6452	1697	1037	1037	3149	830	2378	330	1470	6182
8736	14678	8969	12432	6306	1590	959	959	3000	794	2192	301	1460	6091
8737	12183	7850	11525	5672	1448	864	864	2761	725	2047	271	1345	5886
8738	11376	7344	10836	5317	1374	838	838	2552	681	1992	254	1309	5663
8739	11367	7197	10517	5135	1397	825	825	2509	667	1986	252	1313	5551
8740	11851	7562	10759	5103	1436	831	831	2432	672	2086	255	1361	5494
8741	13632	8653	11884	5179	1477	886	886	2591	711	2279	276	1476	5525
8742	16399	10362	13941	5638	1680	963	963	3107	811	2549	324	1548	5735
8743	17585	11010	15102	6522	1797	1080	1080	3397	895	2765	371	1555	6170
8744	19507	11309	15248	6955	2087	1148	1148	3420	906	3109	392	1555	6409
8745	20099	11526	15612	7148	2079	1152	1152	3445	921	3051	413	1551	6483
8746	19272	11591	15774	7243	1969	1155	1155	3508	935	2846	419	1548	6498
8747	18544	11515	16017	7293	1814	1141	1141	3532	939	2703	415	1547	6533
8748	17801	11240	15913	7238	1754	1116	1116	3503	931	2606	404	1541	6559
8749	17432	11124	15820	7201	1734	1095	1095	3480	913	2578	391	1533	6512
8750	17237	11015	15699	7144	1714	1087	1087	3468	915	2572	384	1503	6472
8751	17188	10968	15524	7097	1669	1083	1083	3442	909	2556	378	1486	6453
8752	17213	10963	15479	7138	1668	1083	1083	3434	907	2546	376	1532	6464
8753	18136	11507	16649	7643	1713	1100	1100	3571	925	2564	381	1708	6686
8754	20581	13880	19193	8387	1784	1222	1222	4171	1070	2663	427	1843	7250
8755	20644	13583	18550	8084	1875	1259	1259	4100	1127	2947	459	1822	7078
8756	19594	12889	17593	7735	1855	1216	1216	3946	1075	2867	438	1780	6926
8757	18525	11983	16439	7411	1798	1173	1173	3778	1037	2746	417	1683	6794
8758	17340	11100	15332	7130	1757	1109	1109	3502	962	2659	390	1578	6611
8759	16842	10778	14959	6948	1724	1078	1078	3412	901	2571	372	1546	6416
8760	14577	9856	13820	6646	1525	974	974	3177	850	2378	340	1493	6306
8761	13018	8745	12287	5966	1440	892	892	2878	771	2165	283	1385	6022
8762	11919	8155	11372	5492	1407	841	841	2665	726	2109	259	1334	5794
8763	11609	7882	10864	5259	1435	803	803	2474	702	2087	250	1330	5664
8764	11771	8159	10963	5200	1454	793	793	2404	694	2147	254	1404	5630
8765	13215	9147	12059	5223	1519	845	845	2620	719	2315	276	1520	5669
8766	15916	10654	14111	5678	1683	929	929	3087	812	2535	325	1569	5816
8767	17032	11190	15238	6535	1775	1062	1062	3389	896	2768	370	1583	6218
8768	18505	11547	15358	6890	2072	1128	1128	3415	907	3061	399	1565	6410
8769	18534	11679	15653	7117	2082	1140	1140	3433	924	2922	419	1547	6570
8770	18038	11657	15975	7148	1903	1131	1131	3481	939	2717	410	1544	6569
8771	17495	11491	16043	7166	1827	1120	1120	3485	937	2602	400	1527	6588
8772	17072	11252	15988	7074	1794	1096	1096	3478	939	2546	392	1481	6584
8773	16837	11127	15944	7007	1739	1078	1078	3464	918	2535	382	1430	6522
8774	16753	11053	15844	6943	1732	1069	1069	3453	908	2510	376	1363	6487

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8775	16739	11023	15685	6909	1720	1066	1066	3435	899	2459	373	1350	6466
8776	16744	11032	15598	6930	1719	1065	1065	3419	897	2429	372	1479	6475
8777	17216	11649	16607	7322	1735	1082	1082	3590	900	2466	376	1673	6669
8778	18819	13667	18718	8106	1787	1204	1204	4077	1009	2552	423	1799	7239
8779	19032	13530	18004	7901	1946	1239	1239	4029	1081	2732	456	1784	7013
8780	18546	12777	17189	7558	1911	1184	1184	3846	1023	2717	433	1753	6823
8781	17768	11806	16245	7295	1840	1139	1139	3692	1006	2667	412	1682	6747
8782	16912	11071	15355	7032	1778	1087	1087	3487	942	2619	386	1571	6542
8783	16509	10661	14902	6859	1734	1053	1053	3397	897	2538	370	1539	6401
8784	14564	9449	13534	6522	1628	939	939	3164	838	2380	328	1447	6249
8785	13635	8648	12166	5931	1479	910	910	2835	763	2108	285	1354	5968
8786	12764	8033	11194	5443	1437	859	859	2603	722	2027	259	1310	5738
8787	12502	7767	10669	5188	1448	841	841	2492	703	2039	246	1279	5603
8788	12767	7878	10759	5111	1441	833	833	2451	693	2131	249	1320	5528
8789	13930	8758	11827	5185	1508	866	866	2606	710	2337	270	1477	5564
8790	15997	10250	13840	5618	1671	934	934	3018	808	2534	318	1543	5739
8791	16982	10745	14905	6407	1752	1038	1038	3288	873	2957	361	1546	6159
8792	19111	11038	15053	6726	1950	1080	1080	3301	886	3392	392	1542	6359
8793	19098	11236	15485	6972	2044	1099	1099	3339	897	3215	419	1538	6472
8794	18472	11322	15806	7027	1890	1097	1097	3439	913	2835	425	1536	6483
8795	17772	11246	15946	7039	1793	1090	1090	3460	911	2646	407	1530	6494
8796	17129	10997	15810	6925	1740	1073	1073	3426	895	2540	389	1511	6485
8797	16772	10828	15640	6838	1720	1060	1060	3387	877	2525	375	1476	6435
8798	16623	10712	15470	6771	1704	1051	1051	3352	874	2467	369	1405	6418
8799	16584	10658	15248	6722	1675	1046	1046	3327	873	2403	364	1441	6396
8800	16589	10663	15133	6764	1642	1046	1046	3308	871	2368	364	1522	6404
8801	17132	11221	16053	7239	1707	1064	1064	3493	873	2395	369	1691	6636
8802	18763	12863	18324	7984	1746	1162	1162	3982	971	2534	420	1759	7227
8803	18660	12416	17523	7645	1828	1166	1166	3934	1034	2677	441	1719	7019
8804	17821	11675	16552	7296	1798	1120	1120	3693	973	2657	410	1684	6838
8805	17169	11036	15648	7009	1765	1090	1090	3534	976	2593	390	1616	6738
8806	16619	10647	14975	6805	1720	1057	1057	3348	918	2576	370	1549	6528
8807	16273	10331	14623	6685	1705	1042	1042	3283	874	2526	360	1531	6357
8808	14563	9409	13469	6453	1593	989	989	3079	844	2328	329	1416	6215
8809	13216	8015	11396	5633	1309	838	838	2643	735	1802	246	1224	5921
8810	12192	6819	10380	5103	1166	780	780	2359	672	1676	212	1122	5675
8811	11873	6908	9760	4872	1225	750	750	2231	635	1721	199	1100	5556
8812	12167	6990	9803	4785	1190	761	761	2136	618	1855	201	1209	5494
8813	13353	7878	10865	4864	1321	807	807	2347	654	2153	228	1394	5505
8814	15686	9548	13237	5400	1569	891	891	2815	756	2478	287	1483	5693
8815	16680	10254	14608	6310	1697	1033	1033	3176	845	2867	347	1491	6073
8816	18233	10471	14751	6680	1899	1107	1107	3191	855	3322	376	1488	6304
8817	18437	10654	15030	6839	1926	1119	1119	3207	864	3149	393	1484	6392
8818	18129	10783	15330	6894	1847	1112	1112	3276	869	2778	386	1481	6416
8819	17691	10785	15443	6894	1792	1106	1106	3299	868	2582	375	1471	6454
8820	17134	10607	15388	6840	1725	1081	1081	3290	857	2487	367	1421	6480
8821	16790	10445	15339	6794	1689	1060	1060	3288	848	2467	359	1306	6434
8822	16593	10304	15241	6768	1680	1049	1049	3253	846	2384	352	1227	6395
8823	16533	10251	15096	6770	1637	1043	1043	3216	845	2272	350	1176	6364
8824	16554	10260	15024	6829	1643	1044	1044	3208	843	2201	350	1314	6370
8825	17179	10854	15939	7269	1674	1066	1066	3415	846	2264	355	1583	6638
8826	18776	12821	18357	7876	1710	1213	1213	3976	943	2479	395	1714	7152
8827	18949	12497	17760	7555	1812	1245	1245	3985	1021	2664	421	1712	6918
8828	18327	11883	16994	7276	1804	1200	1200	3748	984	2664	403	1683	6690
8829	17557	11097	16013	7047	1782	1176	1176	3644	974	2607	385	1615	6551
8830	16682	10320	14879	6833	1720	1100	1100	3363	912	2553	362	1518	6398
8831	16321	10037	14481	6666	1675	1042	1042	3197	846	2471	348	1478	6304
8832	14796	9043	13085	6428	1536	979	979	3032	787	2119	305	1333	6210
8833	13592	8255	11906	5687	1324	897	897	2651	683	1873	248	1188	5853
8834	12784	7689	10993	5150	1219	865	865	2367	633	1689	217	1065	5571
8835	12566	7449	10504	4875	1160	842	842	2215	604	1735	207	1046	5417
8836	12744	7617	10597	4808	1280	836	836	2226	608	1793	211	1123	5357
8837	13822	8451	11577	4883	1400	891	891	2430	636	2091	236	1352	5364
8838	15802	9899	13572	5382	1601	948	948	2916	757	2449	294	1479	5553
8839	16784	10460	14720	6290	1709	1053	1053	3235	850	2727	351	1497	5985
8840	18550	10741	14853	6723	1957	1146	1146	3282	867	3246	380	1483	6238
8841	18851	10962	15189	6881	1982	1166	1166	3337	883	3122	409	1473	6316
8842	18576	11061	15462	6983	1902	1173	1173	3476	900	2774	404	1471	6351
8843	18177	11005	15579	7043	1839	1162	1162	3517	890	2590	396	1462	6398
8844	17577	10748	15458	7014	1739	1125	1125	3283	872	2487	385	1414	6420
8845	17197	10579	15342	6968	1707	1083	1083	3481	855	2456	371	1307	6367
8846	16933	10455	15217	6894	1688	1059	1059	3442	851	2424	363	1194	6332
8847	16790	10415	15054	6856	1652	1057	1057	3381	850	2363	357	1140	6304
8848	16850	10399	14938	6904	1655	1056	1056	3369	850	2304	355	1317	6305
8849	17860	10796	15625	7280	1685	1077	1077	3627	852	2330	359	1614	6491
8850	19357	12540	17858	7814	1744	1239	1239	4180	959	2460	405	1823	6984
8851	19130	12169	17202	7601	1806	1248	1248	4162	1007	2637	435	1811	6837
8852	18009	11592	16343	7256	1787	1168	1168	3411	962	2580	408	1768	6637
8853	17210	10953	15579	7012	1751	1119	1119	3592	958	2527	386	1698	6504
8854	16647	10461	14866	6818	1725	1070	1070	3353	904	2497	365	1558	6364
8855	16390	10281	14556	6720	1688	1050	1050	3273	851	2448	353	1480	6247
8856	14866	9501	13353	6462	1574	966	966	2993	811	2165	326	1407	6180

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8857	13853	8616	12077	5919	1487	912	912	2790	732	1969	285	1418	5933
8858	12916	7963	11192	5360	1346	856	856	2523	673	1799	254	1395	5694
8859	12536	7611	10592	5081	1323	827	827	2399	640	1767	240	1386	5509
8860	12487	7506	10402	4944	1340	810	810	2310	625	1816	238	1398	5369
8861	13073	7929	10930	4988	1419	861	861	2373	636	2024	248	1433	5348
8862	14115	8779	11951	5233	1500	888	888	2581	700	2286	280	1453	5437
8863	15340	9412	12658	5653	1625	957	957	2906	773	2373	318	1452	5670
8864	15854	9809	13318	6202	1660	1016	1016	3021	813	2683	338	1452	5949
8865	17008	9987	13483	6479	1790	1034	1034	3095	827	2998	349	1452	6087
8866	18759	10291	13718	6575	1919	1090	1090	3138	838	2937	370	1451	6104
8867	18931	10330	13781	6701	1823	1138	1138	3186	849	2643	373	1429	6142
8868	18072	10171	13684	6744	1709	1108	1108	3179	841	2426	361	1377	6172
8869	16886	10003	13545	6699	1652	1067	1067	3151	831	2342	348	1279	6167
8870	16217	9900	13451	6628	1638	1032	1032	3106	827	2255	340	1218	6126
8871	15945	9872	13437	6575	1606	1025	1025	3096	826	2074	339	1187	6108
8872	15970	9878	13436	6620	1584	1025	1025	3094	826	1922	338	1324	6112
8873	16858	10430	13977	7033	1625	1063	1063	3246	830	2041	340	1585	6262
8874	18882	12460	16341	7604	1704	1284	1284	4053	960	2343	386	1798	6789
8875	18612	11949	16031	7375	1865	1316	1316	3987	1015	2601	425	1779	6646
8876	17488	11184	15390	7019	1825	1218	1218	3701	966	2554	412	1730	6450
8877	16603	10573	14533	6770	1765	1135	1135	3595	923	2475	393	1645	6358
8878	15926	10040	13752	6601	1697	1072	1072	3365	870	2404	366	1534	6260
8879	15726	9845	13430	6481	1649	1023	1023	3138	829	2341	341	1462	6142
8880	14691	9116	12653	6340	1626	996	996	3060	795	2118	327	1445	6088
8881	13314	8391	11772	5948	1512	920	920	2808	721	1969	289	1333	5906
8882	12310	7730	10930	5542	1406	893	893	2597	659	1832	261	1256	5676
8883	11875	7377	10367	5271	1403	852	852	2520	625	1770	246	1195	5495
8884	11917	7232	10086	5213	1382	843	843	2397	615	1815	241	1192	5378
8885	12489	7526	10277	5261	1439	888	888	2468	624	1958	251	1282	5342
8886	13645	8207	10952	5431	1534	899	899	2555	690	2137	273	1386	5396
8887	14943	8895	11583	5757	1631	957	957	2767	762	2308	302	1366	5567
8888	15827	9424	12330	6136	1684	1006	1006	2850	788	2369	323	1409	5825
8889	16630	9639	12881	6392	1906	1027	1027	2998	816	2510	331	1444	6037
8890	17846	9765	12960	6445	2020	1057	1057	3030	820	2543	333	1446	6101
8891	17704	9806	13014	6530	1891	1064	1064	3037	821	2471	331	1429	6122
8892	17041	9757	13049	6580	1766	1050	1050	3046	821	2375	330	1383	6138
8893	16385	9698	13024	6556	1691	1044	1044	3052	821	2332	330	1362	6153
8894	16049	9639	12988	6500	1665	1026	1026	3044	820	2312	324	1292	6143
8895	15864	9629	12970	6456	1644	1020	1020	3036	819	2257	324	1300	6134
8896	15886	9633	12977	6491	1640	1020	1020	3038	819	2242	323	1411	6148
8897	16922	10210	13766	6933	1655	1039	1039	3299	830	2300	327	1604	6356
8898	20194	12582	16554	7641	1791	1305	1305	4223	987	2417	378	1725	7030
8899	20519	12341	16559	7462	2004	1345	1345	4131	1068	2823	421	1708	6939
8900	19653	11683	15931	7184	1932	1281	1281	3867	1023	2821	408	1656	6747
8901	18326	10893	14886	6954	1866	1223	1223	3667	961	2681	388	1584	6630
8902	16600	9995	13566	6682	1764	1094	1094	3385	883	2510	357	1489	6445
8903	15824	9611	12956	6429	1669	1020	1020	3106	823	2335	325	1447	6203
8904	14720	8865	12353	6274	1594	953	953	2953	788	2194	301	1419	6116
8905	12239	7819	11408	5629	1432	870	870	2724	723	2045	269	1305	5910
8906	11444	7360	10774	5285	1374	843	843	2500	679	1986	253	1261	5677
8907	11367	7197	10517	5124	1389	825	825	2462	667	1986	252	1261	5552
8908	11797	7516	10706	5103	1432	828	828	2432	672	2064	257	1305	5494
8909	13535	8479	11797	5161	1466	885	885	2586	708	2235	279	1436	5524
8910	16277	10070	13722	5612	1654	957	957	3054	801	2488	325	1526	5756
8911	17524	10734	14880	6504	1768	1071	1071	3345	882	2677	368	1533	6195
8912	20199	11030	15041	6911	2130	1181	1181	3374	893	3071	396	1534	6419
8913	21804	11388	15424	7123	2190	1197	1197	3404	910	3109	430	1533	6501
8914	21022	11591	15801	7224	2047	1211	1211	3511	928	2946	443	1528	6524
8915	20101	11543	15941	7278	1871	1195	1195	3567	934	2777	438	1526	6569
8916	18755	11181	15834	7207	1796	1149	1149	3538	924	2607	419	1522	6588
8917	17919	11001	15715	7149	1734	1104	1104	3506	906	2551	396	1512	6543
8918	17382	10844	15559	7085	1723	1085	1085	3477	906	2531	385	1479	6491
8919	17218	10770	15380	7033	1703	1074	1074	3432	901	2523	376	1463	6474
8920	17251	10761	15331	7077	1700	1074	1074	3424	899	2518	373	1512	6485
8921	18591	11409	16292	7569	1722	1103	1103	3593	919	2529	379	1693	6691
8922	22741	14198	18790	8405	1800	1321	1321	4381	1053	2665	434	1889	7250
8923	23064	13806	18243	8075	1918	1384	1384	4257	1122	3084	478	1859	7054
8924	21318	12874	17258	7704	1888	1302	1302	4101	1066	2930	451	1799	6905
8925	19492	11844	16155	7353	1802	1227	1227	3861	1020	2758	423	1676	6765
8926	17423	10858	15100	7064	1739	1108	1108	3482	945	2625	386	1555	6592
8927	16852	10539	14760	6896	1710	1068	1068	3371	891	2523	368	1523	6423
8928	14732	9664	13671	6599	1550	967	967	3139	835	2322	332	1471	6321
8929	12972	8672	12210	5966	1445	888	888	2851	765	2117	281	1380	6036
8930	11860	8124	11323	5512	1407	843	843	2639	722	2056	258	1339	5790
8931	11609	7882	10864	5274	1426	809	809	2476	702	2041	250	1330	5661
8932	11855	8151	10992	5200	1451	793	793	2404	694	2089	254	1386	5630
8933	13417	9065	12041	5247	1528	851	851	2609	716	2259	275	1490	5668
8934	16187	10507	14046	5726	1682	930	930	3055	807	2482	323	1551	5831
8935	17956	11028	15136	6567	1765	1055	1055	3353	885	2724	367	1576	6230
8936	22568	11460	15280	6898	1993	1164	1164	3385	896	3061	404	1553	6421
8937	22464	11615	15616	7196	2021	1183	1183	3407	912	2936	432	1522	6600
8938	20901	11642	15993	7232	1875	1176	1176	3482	928	2713	421	1516	6614

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13
8939	19124	11487	16053	7250	1802	1154	1154	3493	928	2584	410	1504	6646
8940	17865	11215	15998	7124	1768	1115	1115	3496	930	2506	400	1466	6651
8941	17215	11051	15956	7034	1730	1085	1085	3453	910	2491	386	1426	6570
8942	16978	10934	15839	6946	1726	1067	1067	3440	900	2477	378	1370	6518
8943	16950	10884	15673	6902	1708	1060	1060	3418	889	2438	371	1357	6484
8944	16960	10894	15585	6932	1709	1059	1059	3394	887	2410	370	1457	6500
8945	17935	11509	16597	7375	1726	1079	1079	3567	890	2437	373	1660	6691
8946	22443	13669	18799	8363	1751	1257	1257	4158	985	2505	427	1919	7239
8947	23257	13482	18118	8118	1866	1346	1346	4107	1066	2722	472	1903	7003
8948	21982	12557	17153	7670	1856	1273	1273	3924	1007	2706	443	1848	6821
8949	19788	11579	16139	7349	1813	1197	1197	3718	987	2645	417	1727	6742
8950	17436	10878	15225	7038	1765	1099	1099	3465	926	2586	384	1553	6528
8951	16733	10471	14794	6843	1728	1055	1055	3364	886	2491	366	1510	6408
8952	14808	9310	13499	6537	1620	964	964	3143	831	2340	327	1427	6250

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**6. DEMAND DECREMENTED**

Year	Month	1	2	3	4	5	6	7	8	9	10	11	12	13
2000	1	1.15	0.96	0.95	1.09	1.06	1.10	1.06	1.03	0.96	0.90	1.01	0.93	1.09
2000	2	1.12	0.94	0.93	1.07	1.02	1.08	1.04	1.01	0.94	0.86	0.97	0.89	1.07
2000	3	1.02	0.92	0.92	1.01	0.93	1.00	0.98	0.97	0.92	0.83	0.91	0.85	1.01
2000	4	0.95	0.92	0.93	0.95	0.86	0.93	0.92	0.94	0.92	0.86	0.88	0.86	0.95
2000	5	0.92	0.95	0.96	0.92	0.93	0.91	0.90	0.94	0.98	0.96	0.91	0.94	0.92
2000	6	0.92	1.07	1.06	0.92	1.03	0.95	0.97	1.01	1.08	1.15	1.00	1.12	0.92
2000	7	0.93	1.15	1.11	0.94	1.15	0.99	1.00	1.07	1.12	1.29	1.10	1.27	0.94
2000	8	0.92	1.15	1.18	0.94	1.06	1.00	1.05	1.08	1.13	1.33	1.14	1.27	0.94
2000	9	0.90	1.04	1.10	0.95	0.97	0.94	0.96	0.97	1.03	1.15	1.01	1.09	0.95
2000	10	0.94	0.96	0.98	0.99	0.92	0.95	0.98	0.95	0.97	0.91	0.97	0.91	0.99
2000	11	1.07	0.95	0.94	1.09	1.01	1.05	1.06	1.00	0.97	0.84	1.01	0.91	1.09
2000	12	1.15	0.98	0.95	1.12	1.07	1.09	1.07	1.03	0.99	0.91	1.08	0.97	1.12
2000	13	16,250	13,746	19,499	7,355	2,380	1,612	2,118	4,944	3,766	10,534	2,573	1,294	6,636



**7. DEMAND MODERATE**

Year	Month	1	2	3	4	5	6	7	8	9	10	11	12	13
2000	1	1.15	0.96	0.95	1.09	1.06	1.10	1.06	1.03	0.96	0.90	1.01	0.93	1.09
2000	2	1.12	0.94	0.93	1.07	1.02	1.08	1.04	1.01	0.94	0.86	0.97	0.89	1.07
2000	3	1.02	0.92	0.92	1.01	0.93	1.00	0.98	0.97	0.92	0.83	0.91	0.85	1.01
2000	4	0.95	0.92	0.93	0.95	0.86	0.93	0.92	0.94	0.92	0.86	0.88	0.86	0.95
2000	5	0.92	0.95	0.96	0.92	0.93	0.91	0.90	0.94	0.98	0.96	0.91	0.94	0.92
2000	6	0.92	1.07	1.06	0.92	1.03	0.95	0.97	1.01	1.08	1.15	1.00	1.12	0.92
2000	7	0.93	1.15	1.11	0.94	1.15	0.99	1.00	1.07	1.12	1.29	1.10	1.27	0.94
2000	8	0.92	1.15	1.18	0.94	1.06	1.00	1.05	1.08	1.13	1.33	1.14	1.27	0.94
2000	9	0.90	1.04	1.10	0.95	0.97	0.94	0.96	0.97	1.03	1.15	1.01	1.09	0.95
2000	10	0.94	0.96	0.98	0.99	0.92	0.95	0.98	0.95	0.97	0.91	0.97	0.91	0.99
2000	11	1.07	0.95	0.94	1.09	1.01	1.05	1.06	1.00	0.97	0.84	1.01	0.91	1.09
2000	12	1.15	0.98	0.95	1.12	1.07	1.09	1.07	1.03	0.99	0.91	1.08	0.97	1.12
2000	13	18,583	13,746	19,499	7,355	2,380	1,612	2,118	4,944	3,766	10,534	2,573	1,294	6,636

**8. EMISSION TYPES**

Type Number	Name	Price	Limit
1	GHG	0	0
2	NOx	NOxPrice	NOxLimit
3	SO2	150	0

**9. ESCALATION OF DEMAND**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
1057	1058	1058	1057	1057	1057	1059	1059	1060	1060	1057	1057	1057

**10. FUEL MODERATE**

Fuel Number	Fuel Name	Fuel Type	Units	Price	Exhaustion	Reference Fuel	Monthly Shape Vector	Fixed O&M	Variable O&M	Minist Begin	Minist End	Fueled Outage	Maintenance Rate	Non Cycling	Min Run	Minimum Capacity	Can Drop Resource	Start Up Costs	Resource Group	Resource Environmental Type	Bidding Factor	Ramp Rate	Min Up Time	Min Down Time	
1	Water	WAT	\$mmBtu	0.1	0	0	0	300	0	2	02-Jan-80	01-Jan-80	0	0	0	0	5	TRUE	0	0	0	0	0		
2	Wind	WND	\$mmBtu	0.02	0	0	0	300	0	2	02-Jan-80	01-Jan-80	45	45	0	0	5	TRUE	0	0	0	0	0		
3	Solar	SUN	\$mmBtu	0.5	0	0	2	300	0	2	02-Jan-80	01-Jan-80	35	35	0	0	5	TRUE	0	0	0	0	0		
4	Geothermal Steam	GST	\$mmBtu	1.5	0	0	2	300	0	2	02-Jan-80	01-Jan-80	7.5	7.5	5	0	5	TRUE	0	0	0	0	0		
5	Uranium	UR	\$mmBtu	0.7	0	0	0	1200	0	2	02-Jan-80	01-Jan-80	1043	1050	1	0	40	TRUE	0	0	0	0	96	24	
6	Refuse	REF	\$mmBtu	1	0	0	2	300	0	2	02-Jan-80	01-Jan-80	10	10	5	1	10	TRUE	0	0	0	0	0	0	
7	Other, Bio, ZZ, WC, WH	OT	\$mmBtu	0.05	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	10	0	1	20	TRUE	0	0	0	0	0	0	
8		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	
9		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	
10	Storage	PS	\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	FALSE	0	0	0	0	0	0	
11	Customer Curtailment Level I	CCLI	\$mmBtu	36	0.8	0	0	-100	0	0	02-Jan-80	01-Jan-80	0	0	0	0	0	FALSE	0	0	0	0	0	0	
12	Customer Curtailment Level II	CCLII	\$mmBtu	48	0.8	0	0	-100	0	0	02-Jan-80	01-Jan-80	0	0	0	0	0	FALSE	0	0	0	0	0	0	
13	Customer Curtailment Level III	CCLIII	\$mmBtu	60	0.8	0	0	-100	0	0	02-Jan-80	01-Jan-80	0	0	0	0	0	FALSE	0	0	0	0	0	0	
14	Customer Curtailment Level IV	CCLIV	\$mmBtu	80	0.8	0	0	-100	0	0	02-Jan-80	01-Jan-80	0	0	0	0	0	FALSE	0	0	0	0	0	0	
15	Customer Curtailment Level V	CCLV	\$mmBtu	160	0.8	0	0	-100	0	0	02-Jan-80	01-Jan-80	0	0	0	0	0	FALSE	0	0	0	0	0	0	
16	Customer Curtailment Final	CCFN	\$mmBtu	400	0.8	0	0	-100	0	0	02-Jan-80	01-Jan-80	0	0	0	0	0	FALSE	0	0	0	0	0	0	
17		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	
18		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	
19		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	
20		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	
21	US Coal	Coal1	\$mmBtu	1.2	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
22	Western Short Haul	Coal2	\$mmBtu	1.1	0	0	2	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
23		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
24		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
25		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
26		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
27	California Coal	\$mmBtu	1.2	0	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
28		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
29		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
30		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
31	Arizona Coal	Coal	\$mmBtu	1.32	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
32	Canada Coal	Coal	\$mmBtu	1.2	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
33	Nevada Coal	Coal	\$mmBtu	1.21	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
34	New Mexico Coal	Coal	\$mmBtu	1.26	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
35	Utah Coal	Coal	\$mmBtu	1.04	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
36	Colorado Coal	Coal	\$mmBtu	0.99	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
37	Montana Coal	Coal	\$mmBtu	0.73	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
38	Ore Wash Coal	Coal	\$mmBtu	1.3	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
39	Wyoming Coal	Coal	\$mmBtu	0.75	0	0	0	300	0	2	02-Jan-80	01-Jan-80	10	1051	5	0	30	FALSE	0	3	1	0	0	48	18
40		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
41	No. 1 Fuel Oil - unseed	FO1	\$mmBtu	5.1	0.8	0	1	300	0	2	02-Jan-80	01-Jan-80	12.5	12.5	0	0	30	TRUE	0	0	0	0	0	0	0
42	No. 2 Fuel Oil	FO2	\$mmBtu	5.1	0.8	0	1	300	0	2	02-Jan-80	01-Jan-80	12.5	12.5	0	0	30	TRUE	0	0	0	0	0	0	0
43		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
44		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
45		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
46		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
47		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
48		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
49		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
50		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
51	Henry Hub - full cost	Gas8	\$mmBtu	1061	0	0	27	300	0	2	02-Jan-80	01-Jan-80	6	6	0	0	20	TRUE	0	2	2	0	0	24	12
52	Permian - full cost	Gas11	\$mmBtu	-0.25	0	51	3	300	0	2	02-Jan-80	01-Jan-80	6	6	0	0	20	TRUE	0	2	2	0	0	24	12
53		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
54		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
55		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	FALSE	1	0	0	0	0	0	0
56		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
57		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
58		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
59		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
60		\$mmBtu	0	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0



Fuel Number	Fuel Name	Fuel Type	Units	Price	Escalation	Reference Fuel	Monthly Shape Vector	Fixed O&M	Variable O&M	Start Date	End Date	Fareed Outage	Maintenance Rate	Not Cycling	Must Run	Minimum Capacity	Can Drop Resource	Start Up Costs	Resource Group	Resource Environmental Type	Bidding Factor	Rating Rate	Min Up Time	Min Down Time
61	Henry Hub - less partial FXFL	Gas1	\$mmBtu	-0.17	0	51	1	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
62	Permian - less partial FXFL	Gas4	\$mmBtu	-0.17	0	52	3	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
63	Fuel Peaking HHI Startup Adder	Gas12	\$mmBtu	0.6	0	51	0	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	1	1	2	0	24	12
64	Fuel Peaking Permian Startup Adder	Gas12	\$mmBtu	0.6	0	52	0	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	1	1	2	0	24	12
65		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
66		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
67		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
68		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
69		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
70		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
71	AECO	Gas1	\$mmBtu	1104	0	0	1900	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
72	Sumas	Gas2	\$mmBtu	1101	0	0	1900	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
73	San Juan	Gas3	\$mmBtu	1110	0	0	1911	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
74	Arizona NG	Gas5	\$mmBtu	1110	0	0	1911	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
75	California Border NG	Gas5	\$mmBtu	0.2	0	0	0	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
76	Nevada NG	Gas5	\$mmBtu	1112	0	0	1911	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
77	New Mexico NG	Gas5	\$mmBtu	1109	0	0	1911	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
78	AECO - full cost	Gas8	\$mmBtu	1104	0	0	1900	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
79	Sumas - peaking fuel	Gas9	\$mmBtu	-0.4	0	72	0	300	2	02-Jan-80	01-Jan-80	6	6	0	0	20	TRUE	0	1	1	2	0	0	0
80	San Juan - full cost	Gas10	\$mmBtu	1110	0	73	1911	300	2	02-Jan-80	01-Jan-80	6	6	0	0	20	TRUE	0	2	2	0	0	0	0
81	California Border - peaking fuel	Gas12	\$mmBtu	0.2	0	75	0	300	2	02-Jan-80	01-Jan-80	6	6	0	0	20	TRUE	0	1	1	2	0	0	0
82	Arizona - peaking fuel	Gas12	\$mmBtu	0.3	0	74	0	300	2	02-Jan-80	01-Jan-80	6	6	0	0	20	TRUE	0	1	1	2	0	0	0
83	Nevada - peaking fuel	Gas12	\$mmBtu	0.2	0	76	0	300	2	02-Jan-80	01-Jan-80	6	6	0	0	20	TRUE	0	1	1	2	0	0	0
84	New Mexico - peaking fuel	Gas12	\$mmBtu	0.15	0	77	0	300	2	02-Jan-80	01-Jan-80	6	6	0	0	20	TRUE	0	1	1	2	0	0	0
85		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
86		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
87		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
88		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
89		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
90		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
91	North Calif NG	Gas5	\$mmBtu	1102	0	0	1900	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
92	NW Sumas	Gas5	\$mmBtu	1101	0	0	1900	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
93	Colorado NG	Gas5	\$mmBtu	1108	0	0	1900	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
94	Utah NG	Gas5	\$mmBtu	1111	0	0	1900	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
95		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
96		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
97	South Calif NG	Gas5	\$mmBtu	1103	0	0	1911	300	2	02-Jan-80	01-Jan-80	6	6	5	0	20	TRUE	0	2	2	0	0	24	12
98		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
99		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
100	North Calif - peaking fuel	Gas12	\$mmBtu	0.4	0	91	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
101	NW AECO - peaking fuel	Gas12	\$mmBtu	0.28	0	71	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
102	Canada - peaking fuel	Gas12	\$mmBtu	0	0	71	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
103	NW Sumas - peaking fuel	Gas12	\$mmBtu	0.25	0	72	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
104	Utah - peaking fuel	Gas12	\$mmBtu	0.1	0	94	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
105	Colorado - peaking fuel	Gas12	\$mmBtu	0.25	0	93	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
106	Wyoming - peaking fuel	Gas12	\$mmBtu	0.1	0	0	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
107	Montana - peaking fuel	Gas12	\$mmBtu	0.3	0	0	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
108	Idaho - peaking fuel	Gas12	\$mmBtu	0.27	0	0	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
109		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
110		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
111	South Calif - peaking fuel	Gas12	\$mmBtu	0.45	0	97	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
112	Arizona - high peak fuel	Gas12	\$mmBtu	1.2	0	82	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
113	Nevada - high peak fuel	Gas12	\$mmBtu	1.2	0	83	0	300	2	02-Jan-80	01-Jan-80	7.5	7.5	0	0	20	TRUE	0	1	1	2	0	0	0
114	New Mexico - high peak fuel	Gas12	\$mmBtu	1.2	0	84	0	300	2	02-Jan-80	01-Jan-80	10	10	0	0	20	TRUE	0	1	1	2	0	0	0
115		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
116		\$mmBtu	0	0	0	0	0	0	0	01-Jan-80	01-Jan-80	0	0	0	0	0	TRUE	0	0	0	0	0	0	0
117	North Calif - high peak fuel	Gas12	\$mmBtu	1.2	0	100	0	300	2	02-Jan-80	01-Jan-80	10	10	0	0	20	TRUE	0	1	1	2	0	0	0
118	Canada - high peak fuel	Gas12	\$mmBtu	1.2	0	102	0	300	2	02-Jan-80	01-Jan-80	10	10	0	0	20	TRUE	0	1	1	2	0	0	0
119	Colorado - high peak fuel - unused	Gas12	\$mmBtu	1.2	0	105	0	300	2	02-Jan-80	01-Jan-80	10	10	0	0	20	TRUE	0	1	1	2	0	0	0
120	South Calif - high peak fuel	Gas12	\$mmBtu	1.2	0	111	0	300	2	02-Jan-80	01-Jan-80	10	10	0	0	20	TRUE	0	1	1	2	0	0	0

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**11. GENERAL INFORMATION**

<b>Company Name</b>	<b>Discount Rate</b>	<b>Inflation Vector</b>	<b>Real Discount Rate</b>
Sample Electric Marketer	8.7	1002	11.4

**12. HUBS**

<b>Number</b>	<b>Name</b>	<b>1</b>	<b>2</b>	<b>Use High Cost</b>
1	COB	1	2	TRUE
2	Palo Verde	3	10	TRUE
3	Mead	10	12	TRUE
4	Mid-Columbia	1	1	TRUE
5	Four Corners	9	10	TRUE
6	CA Path15	2	3	TRUE
7	CA NP-15	2	2	TRUE
8	CA SP-15	3	3	TRUE

**13. HYDRO MODERATE LONG TERM**

Year	Month	1	2	3	4	5	6	7	8	9	10	11	12	13
2000	1	1.16	0.83	0.83	1.03	1.16	1.16	0.47	0.63	0.67	0.80	0.64	0.67	1.07
2000	2	1.02	0.95	0.95	0.94	1.02	1.02	0.38	0.65	0.89	0.85	0.63	0.84	0.93
2000	3	0.94	1.09	1.09	0.95	0.94	0.94	0.44	0.77	1.39	0.86	0.67	0.93	0.96
2000	4	1.04	1.16	1.16	0.98	1.04	1.04	0.69	0.90	1.47	0.85	1.00	1.00	1.08
2000	5	1.20	1.20	1.20	1.12	1.20	1.20	1.00	1.30	1.51	0.87	1.47	1.21	1.29
2000	6	1.27	1.24	1.24	1.12	1.27	1.27	1.74	1.58	1.54	1.17	1.56	1.28	1.17
2000	7	1.10	1.24	1.24	1.06	1.10	1.10	2.12	1.64	1.50	1.32	1.42	1.30	0.90
2000	8	0.91	1.12	1.12	0.98	0.91	0.91	1.99	1.41	1.14	1.35	0.93	1.26	0.74
2000	9	0.69	0.92	0.92	0.86	0.69	0.69	1.19	0.86	0.86	1.26	0.88	1.19	0.78
2000	10	0.85	0.73	0.73	0.91	0.85	0.85	0.75	0.79	0.46	0.99	0.89	0.93	0.90
2000	11	0.89	0.70	0.70	1.01	0.89	0.89	0.67	0.75	0.25	0.89	0.97	0.72	1.11
2000	12	0.94	0.81	0.81	1.05	0.94	0.94	0.58	0.71	0.33	0.80	0.94	0.68	1.09
2000	13	0.46	0.41	0.41	0.54	0.46	0.46	0.32	0.22	0.46	0.31	0.43	0.48	0.51
2006	1	1.07	0.83	0.83	1.03	1.07	1.07	0.47	0.63	0.67	0.80	0.64	0.67	1.07
2006	2	1.04	0.95	0.95	0.94	1.04	1.04	0.38	0.65	0.89	0.85	0.63	0.84	0.93
2006	3	0.96	1.09	1.09	0.95	0.96	0.96	0.44	0.77	1.39	0.86	0.67	0.93	0.96
2006	4	1.05	1.16	1.16	0.98	1.05	1.05	0.69	0.90	1.47	0.85	1.00	1.00	1.08
2006	5	1.24	1.20	1.20	1.12	1.24	1.24	1.00	1.30	1.51	0.87	1.47	1.21	1.29
2006	6	1.33	1.24	1.24	1.12	1.33	1.33	1.74	1.58	1.54	1.17	1.56	1.28	1.17
2006	7	1.16	1.24	1.24	1.06	1.16	1.16	2.12	1.64	1.50	1.32	1.42	1.30	0.90
2006	8	0.92	1.12	1.12	0.98	0.92	0.92	1.99	1.41	1.14	1.35	0.93	1.26	0.74
2006	9	0.76	0.92	0.92	0.86	0.76	0.76	1.19	0.86	0.86	1.26	0.88	1.19	0.78
2006	10	0.72	0.73	0.73	0.91	0.72	0.72	0.75	0.79	0.46	0.99	0.89	0.93	0.90
2006	11	0.83	0.70	0.70	1.01	0.83	0.83	0.67	0.75	0.25	0.89	0.97	0.72	1.11
2006	12	0.91	0.81	0.81	1.05	0.91	0.91	0.58	0.71	0.33	0.80	0.94	0.68	1.09
2006	13	0.45	0.41	0.41	0.54	0.45	0.45	0.32	0.22	0.46	0.31	0.43	0.48	0.51
2007	1	1.18	0.83	0.83	1.03	1.18	1.18	0.47	0.63	0.67	0.80	0.64	0.67	1.07
2007	2	1.02	0.95	0.95	0.94	1.02	1.02	0.38	0.65	0.89	0.85	0.63	0.84	0.93
2007	3	0.95	1.09	1.09	0.95	0.95	0.95	0.44	0.77	1.39	0.86	0.67	0.93	0.96
2007	4	0.87	1.16	1.16	0.98	0.87	0.87	0.69	0.90	1.47	0.85	1.00	1.00	1.08
2007	5	1.28	1.20	1.20	1.12	1.28	1.28	1.00	1.30	1.51	0.87	1.47	1.21	1.29
2007	6	1.34	1.24	1.24	1.12	1.34	1.34	1.74	1.58	1.54	1.17	1.56	1.28	1.17
2007	7	1.18	1.24	1.24	1.06	1.18	1.18	2.12	1.64	1.50	1.32	1.42	1.30	0.90
2007	8	0.87	1.12	1.12	0.98	0.87	0.87	1.99	1.41	1.14	1.35	0.93	1.26	0.74
2007	9	0.73	0.92	0.92	0.86	0.73	0.73	1.19	0.86	0.86	1.26	0.88	1.19	0.78
2007	10	0.78	0.73	0.73	0.91	0.78	0.78	0.75	0.79	0.46	0.99	0.89	0.93	0.90
2007	11	0.86	0.70	0.70	1.01	0.86	0.86	0.67	0.75	0.25	0.89	0.97	0.72	1.11
2007	12	0.96	0.81	0.81	1.05	0.96	0.96	0.58	0.71	0.33	0.80	0.94	0.68	1.09
2007	13	0.44	0.41	0.41	0.54	0.44	0.44	0.32	0.22	0.46	0.31	0.43	0.48	0.51
2008	1	1.16	0.83	0.83	1.03	1.16	1.16	0.47	0.63	0.67	0.80	0.64	0.67	1.07
2008	2	1.00	0.95	0.95	0.94	1.00	1.00	0.38	0.65	0.89	0.85	0.63	0.84	0.93
2008	3	0.94	1.09	1.09	0.95	0.94	0.94	0.44	0.77	1.39	0.86	0.67	0.93	0.96
2008	4	1.05	1.16	1.16	0.98	1.05	1.05	0.69	0.90	1.47	0.85	1.00	1.00	1.08
2008	5	1.26	1.20	1.20	1.12	1.26	1.26	1.00	1.30	1.51	0.87	1.47	1.21	1.29
2008	6	1.32	1.24	1.24	1.12	1.32	1.32	1.74	1.58	1.54	1.17	1.56	1.28	1.17
2008	7	1.13	1.24	1.24	1.06	1.13	1.13	2.12	1.64	1.50	1.32	1.42	1.30	0.90
2008	8	0.86	1.12	1.12	0.98	0.86	0.86	1.99	1.41	1.14	1.35	0.93	1.26	0.74
2008	9	0.72	0.92	0.92	0.86	0.72	0.72	1.19	0.86	0.86	1.26	0.88	1.19	0.78
2008	10	0.76	0.73	0.73	0.91	0.76	0.76	0.75	0.79	0.46	0.99	0.89	0.93	0.90
2008	11	0.84	0.70	0.70	1.01	0.84	0.84	0.67	0.75	0.25	0.89	0.97	0.72	1.11
2008	12	0.95	0.81	0.81	1.05	0.95	0.95	0.58	0.71	0.33	0.80	0.94	0.68	1.09
2008	13	0.45	0.41	0.41	0.54	0.45	0.45	0.32	0.22	0.46	0.31	0.43	0.48	0.51
2009	1	1.16	0.83	0.83	1.03	1.16	1.16	0.47	0.63	0.67	0.80	0.64	0.67	1.07
2009	2	1.00	0.95	0.95	0.94	1.00	1.00	0.38	0.65	0.89	0.85	0.63	0.84	0.93
2009	3	0.93	1.09	1.09	0.95	0.93	0.93	0.44	0.77	1.39	0.86	0.67	0.93	0.96
2009	4	1.06	1.16	1.16	0.98	1.06	1.06	0.69	0.90	1.47	0.85	1.00	1.00	1.08



Year	Month	1	2	3	4	5	6	7	8	9	10	11	12	13
2009	5	1.27	1.20	1.20	1.12	1.27	1.27	1.00	1.30	1.51	0.87	1.47	1.21	1.29
2009	6	1.32	1.24	1.24	1.12	1.32	1.32	1.74	1.58	1.54	1.17	1.56	1.28	1.17
2009	7	1.13	1.24	1.24	1.06	1.13	1.13	2.12	1.64	1.50	1.32	1.42	1.30	0.90
2009	8	0.86	1.12	1.12	0.98	0.86	0.86	1.99	1.41	1.14	1.35	0.93	1.26	0.74
2009	9	0.72	0.92	0.92	0.86	0.72	0.72	1.19	0.86	0.86	1.26	0.88	1.19	0.78
2009	10	0.76	0.73	0.73	0.91	0.76	0.76	0.75	0.79	0.46	0.99	0.89	0.93	0.90
2009	11	0.84	0.70	0.70	1.01	0.84	0.84	0.67	0.75	0.25	0.89	0.97	0.72	1.11
2009	12	0.95	0.81	0.81	1.05	0.95	0.95	0.58	0.71	0.33	0.80	0.94	0.68	1.09
2009	13	0.45	0.41	0.41	0.54	0.45	0.45	0.32	0.22	0.46	0.31	0.43	0.48	0.51

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**14. HYDRO VECTORS MODERATE**

<b>Index</b>	<b>Name</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
1	Area Number	1	2	3	4	5	6	7	8	9	10	11	12	13
2	Shape	1,053	1,056	1,056	1,041	1,053	1,041	1,046	1,046	1,046	1,041	1,046	1,041	1,041
3	Maximum	1,047	1,042	1,042	1,042	1,047	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,042
4	Minimum	1,048	1,043	1,043	1,043	1,048	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,043
5	Sus Number	1,049	1,044	1,044	1,044	1,049	1,049	1,044	1,044	1,044	1,044	1,044	1,044	1,044
6	Sus Maximum	1,050	1,045	1,045	1,045	1,050	1,050	1,045	1,045	1,045	1,045	1,045	1,045	1,045

15. LINK

Area From	Area To	Capacity	Losses	Wheeling	Area From Descrip	Area To Description
1	2	3,986	0.066	2.250	Oregon/Washington/IdahoNorth	Northern California
1	3	2,392	0.110	2.900	Oregon/Washington/IdahoNorth	Southern California
1	4	2,000	0.044	1.000	Oregon/Washington/IdahoNorth	British Columbia
1	5	1,200	0.044	1.000	Oregon/Washington/IdahoNorth	Idaho South
1	6	600	0.066	1.500	Oregon/Washington/IdahoNorth	Montana
1	12	300	0.066	1.500	Oregon/Washington/IdahoNorth	Nevada North
2	1	3,107	0.066	2.250	Northern California	Oregon/Washington/IdahoNorth
2	3	1,275	0.055	1.250	Northern California	Southern California
2	12	160	0.044	1.000	Northern California	Nevada North
3	1	1,974	0.110	2.500	Southern California	Oregon/Washington/IdahoNorth
3	2	2,700	0.055	1.250	Southern California	Northern California
3	10	2,195	0.062	1.400	Southern California	Arizona/NevadaSouth
3	11	1,400	0.090	2.050	Southern California	Utah
3	12	17	0.055	1.250	Southern California	Nevada North
4	1	3,150	0.044	1.000	British Columbia	Oregon/Washington/IdahoNorth
4	13	1,200	0.065	1.000	British Columbia	Alberta
5	1	2,400	0.044	1.000	Idaho South	Oregon/Washington/IdahoNorth
5	6	337	0.033	0.750	Idaho South	Montana
5	7	50	0.040	0.900	Idaho South	Wyoming
5	11	1,500	0.062	1.400	Idaho South	Utah
5	12	500	0.040	0.900	Idaho South	Nevada North
6	1	2,200	0.066	1.500	Montana	Oregon/Washington/IdahoNorth
6	5	337	0.033	0.750	Montana	Idaho South
6	7	400	0.048	1.100	Montana	Wyoming
7	5	2,200	0.040	0.900	Wyoming	Idaho South
7	6	400	0.048	1.100	Wyoming	Montana
7	8	1,424	0.051	1.150	Wyoming	Colorado
7	11	400	0.051	1.150	Wyoming	Utah
8	7	1,424	0.051	1.150	Colorado	Wyoming
8	9	600	0.095	2.150	Colorado	New Mexico
8	11	550	0.042	0.950	Colorado	Utah
9	8	600	0.095	2.150	New Mexico	Colorado
9	10	3,425	0.048	1.100	New Mexico	Arizona/NevadaSouth
9	11	560	0.097	2.200	New Mexico	Utah
10	3	10,118	0.062	1.400	Arizona/NevadaSouth	Southern California
10	9	1,500	0.048	1.100	Arizona/NevadaSouth	New Mexico
10	11	600	0.097	2.200	Arizona/NevadaSouth	Utah
11	3	1,920	0.090	2.050	Utah	Southern California
11	5	1,000	0.062	1.400	Utah	Idaho South
11	7	420	0.051	1.150	Utah	Wyoming
11	8	550	0.042	0.950	Utah	Colorado
11	9	600	0.097	2.200	Utah	New Mexico
11	10	565	0.097	2.200	Utah	Arizona/NevadaSouth
11	12	245	0.053	1.200	Utah	Nevada North
12	1	300	0.066	1.500	Nevada North	Oregon/Washington/IdahoNorth
12	2	160	0.044	1.000	Nevada North	Northern California
12	3	18	0.055	1.250	Nevada North	Southern California
12	5	360	0.040	0.900	Nevada North	Idaho South
12	11	150	0.053	1.200	Nevada North	Utah
13	4	1,000	0.065	1.000	Alberta	British Columbia

**16. MONTHLY SHAPE FACTORS**

Number	Use	1	2	3	4	5	6	7	8	9	10	11	12
1	Fuel Shapes	1.14	1.09	1.04	0.97	0.94	0.93	0.93	0.93	0.93	0.94	1.01	1.13
2	Fuel Shapes	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	Fuel Shapes	1.06	1.05	1.03	0.98	0.97	0.96	0.97	1.01	0.97	0.96	1.01	1.05
4		1.25	0.94	0.85	0.88	0.93	1.00	1.01	0.85	0.87	0.97	1.15	1.30
5		1.20	1.07	0.92	1.05	1.00	1.00	0.80	0.82	0.84	0.86	1.14	1.20
6		1.14	1.09	1.04	0.97	0.94	0.93	0.93	0.93	1.26	0.94	1.01	1.13
7	Hydro Shape	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
8	Hydro Shape	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
9	Hydro Shape	0.30	0.30	0.30	0.30	0.15	0.15	0.20	0.30	0.40	0.30	0.30	0.30
10	Hydro Max	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
11	Hydro Min	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
12	Hydro Sus Hours	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
13	Hydro Sus Max	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
14	A1 Hydro Max	1.06	1.06	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.06
15	A1 Hydro Min	0.14	0.14	0.14	0.14	0.44	0.44	0.24	0.24	0.14	0.14	0.14	0.14
16	A! Hydro Sus Hours	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
17	A1 Hydro Sus Max	0.96	0.99	1.00	0.97	0.94	0.92	0.96	0.87	0.80	0.74	0.77	0.97
18	A1 Hydro Sus Max (Low)	0.61	0.69	0.67	0.82	0.94	0.85	0.71	0.79	0.73	0.73	0.73	0.71
19	Hydro Shape Later	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
20	Fuel Shape AZ	0.87	1.47	1.16	0.82	0.93	0.90	0.87	0.63	0.76	0.97	1.20	1.41
21	Fuel Shape CA	0.84	1.43	1.27	0.93	0.81	0.80	0.84	0.82	0.86	0.96	1.04	1.39
22	Fuel Shape CO	0.74	1.34	1.18	0.81	0.88	0.89	0.82	0.90	0.99	0.86	1.04	1.53
23	Fuel Shape NV	0.99	1.00	1.09	0.96	0.94	0.93	0.98	0.92	0.94	1.12	1.11	1.02
24	Fuel Shape NM	0.85	1.50	1.05	0.74	0.76	0.88	0.88	0.91	0.91	1.04	1.08	1.40
25	Forced Outage Rates	10.00	10.00	10.00	20.00	20.00	20.00	5.00	5.00	5.00	10.00	10.00	10.00
26	Forced Outage Flat	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
27	Henry Hub	1.08	1.00	0.94	0.90	0.92	0.98	1.05	1.09	1.01	0.95	0.99	1.08
28	Henry Hub Absolute	2.65	2.65	2.51	2.38	2.28	2.23	2.24	2.27	2.28	2.30	2.46	2.61
29	Wheeling Area 1 to 2	2.25	2.25	2.25	2.25	3.00	4.00	6.00	7.00	6.00	2.25	2.25	2.25
30	Wheeling Area 1 to 3	2.75	2.75	2.75	2.75	4.00	5.00	7.00	8.00	7.00	3.00	2.75	2.75
31	Summer Peak Cap 28%	1.00	1.02	1.07	1.12	1.17	1.22	1.26	1.28	1.26	1.21	1.12	1.02
32	Summer Peak Cap 19%	1.00	1.01	1.04	1.08	1.12	1.15	1.18	1.19	1.18	1.14	1.08	1.01
33	Summer Peak Cap 5%	1.00	1.00	1.01	1.02	1.03	1.04	1.05	1.05	1.05	1.04	1.02	1.00
34	Summer Peak Cap 3%	1.00	1.00	1.01	1.01	1.02	1.02	1.03	1.03	1.03	1.02	1.01	1.00
35	Summer Peak Cap 1%	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.00	1.00
36	Winter Peak Cap 2%	1.00	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.99	1.00
37	Winter Peak Cap 5%	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.95	0.95	0.96	0.97	0.99
38	Winter Peak Cap 10%	1.00	1.00	0.98	0.97	0.94	0.92	0.90	0.90	0.90	0.92	0.95	0.99
39	Winter Peak Cap 15%	1.00	1.00	0.97	0.95	0.91	0.88	0.86	0.85	0.85	0.88	0.92	0.98
40	Winter Peak Cap 20%	1.00	0.99	0.97	0.94	0.89	0.84	0.81	0.80	0.80	0.84	0.89	0.97
41	Winter Peak Cap 30%	1.00	0.99	0.95	0.91	0.83	0.77	0.71	0.70	0.70	0.76	0.84	0.96
42	Winter Peak Cap 47%	1.00	0.98	0.92	0.85	0.73	0.63	0.55	0.53	0.53	0.62	0.75	0.94
43	FOR Nuclear	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
44	California Hydro Shaping	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
45	Zero	-	-	-	-	-	-	-	-	-	-	-	-
46	NOx Price	800.00	800.00	800.00	800.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	800.00	800.00	800.00
47	NOx Limit	1.50	1.50	1.50	1.50	0.15	0.15	0.15	0.15	0.15	1.50	1.50	1.50
48	CA Hydro Shaping	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
49	Bid Factors	1.00	0.80	0.50	0.70	0.80	1.00	1.00	0.90	0.70	0.50	0.70	1.00
50	Maintenance Rate Nuclear	-	-	15.00	20.00	20.00	-	-	-	-	10.00	20.00	5.00
51	Maintenance Rate Coal	-	-	2.50	20.00	20.00	-	-	-	-	10.00	5.00	-
57	2000 NW	0.45	0.47	0.52	0.54	0.62	0.74	0.67	0.64	0.93	0.96	1.93	3.54
58	2000 SW	0.38	0.41	0.45	0.47	0.58	0.73	0.72	0.83	0.95	0.88	1.62	3.96
59	2001 NW	2.13	1.60	1.36	1.38	1.09	0.83	0.63	0.65	0.45	0.62	0.59	0.65
60	2001 SW	1.58	2.51	1.77	1.75	1.45	0.76	0.57	0.40	0.27	0.33	0.29	0.32
61	NW 2002	0.72	0.72	0.92	1.08	1.12	1.02	0.95	0.98	1.04	1.06	1.16	1.25
62	SW 2002	0.72	0.72	0.92	1.08	1.12	1.02	0.95	0.98	1.04	1.06	1.16	1.25
63	All 2006	1.09	1.09	1.04	0.96	0.96	0.96	0.96	0.96	0.96	0.96	1.00	1.07
64	All 2007 - 2011	1.10	1.10	1.05	0.96	0.96	0.96	0.96	0.95	0.95	0.95	1.00	1.06



**17. NEW RESOURCES**

Number	Name	Utility	Heat Rate	Capacity	Foot	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maintenance Rate	Non Cycling	Must Run	Hydro Number	Minimum Capacity	Begin Date	End Date	Annual Max	Overall Max	Resource Group	Capacity Monthly Shape	Min Up Time	Min Down Time
101	Comb Cycle	na	250CCHR	250000	92	1	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
102	Comb Cycle	na	250CCHR	250000	91	2	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
103	Comb Cycle	na	250CCHR	250000	97	3	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
104	Comb Cycle	na	250CCHR	250000	92	4	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
105	Comb Cycle	na	250CCHR	250000	92	5	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
106	Comb Cycle	na	250CCHR	250000	93	6	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
107	Comb Cycle	na	250CCHR	250000	93	7	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
108	Comb Cycle	na	250CCHR	250000	93	8	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
109	Comb Cycle	na	250CCHR	250000	77	9	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
110	Comb Cycle	na	250CCHR	250000	74	10	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
111	Comb Cycle	na	250CCHR	250000	94	11	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
112	Comb Cycle	na	250CCHR	250000	76	12	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
113	Comb Cycle	na	250CCHR	250000	92	13	0.8	1839	02-Jan-80	01-Jan-80	4	4	-1	-1	-1	20	01-Jan-00	01-Jan-50	1025	150	-1	-1	-1	-1
201	Simple Cycle	na	80CTHR	80000	103	1	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
202	Simple Cycle	na	80CTHR	80000	100	2	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
203	Simple Cycle	na	80CTHR	80000	111	3	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
204	Simple Cycle	na	80CTHR	80000	102	4	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
205	Simple Cycle	na	80CTHR	80000	108	5	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
206	Simple Cycle	na	80CTHR	80000	107	6	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
207	Simple Cycle	na	80CTHR	80000	106	7	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
208	Simple Cycle	na	80CTHR	80000	105	8	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
209	Simple Cycle	na	80CTHR	80000	84	9	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
210	Simple Cycle	na	80CTHR	80000	82	10	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
211	Simple Cycle	na	80CTHR	80000	104	11	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
212	Simple Cycle	na	80CTHR	80000	83	12	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
213	Simple Cycle	na	80CTHR	80000	102	13	0.1	1020	02-Jan-80	01-Jan-80	6.5	6.5	-1	-1	-1	10	01-Jan-00	01-Jan-50	1025	100	-1	-1	-1	-1
301	Coal	na	340PFBCHR	340000	38	1	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
302	Coal	na	340PFBCHR	340000	31	2	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
303	Coal	na	340PFBCHR	340000	31	3	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
304	Coal	na	340PFBCHR	340000	32	4	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
305	Coal	na	340PFBCHR	340000	37	5	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
306	Coal	na	340PFBCHR	340000	37	6	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
307	Coal	na	340PFBCHR	340000	39	7	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
308	Coal	na	340PFBCHR	340000	36	8	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
309	Coal	na	340PFBCHR	340000	34	9	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
310	Coal	na	340PFBCHR	340000	31	10	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
311	Coal	na	340PFBCHR	340000	35	11	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
312	Coal	na	340PFBCHR	340000	33	12	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
313	Coal	na	340PFBCHR	340000	32	13	1.0	8014	02-Jan-80	01-Jan-80	9.5	9.5	-1	-1	-1	30	01-Jan-05	01-Jan-50	1025	50	-1	-1	-1	-1
401	Wind	na	0	50000	2	1	3.5	2905	02-Jan-80	01-Jan-80	34.95	34.95	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
402	Wind	na	0	50000	2	2	3.5	2905	02-Jan-80	01-Jan-80	34.95	34.95	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
403	Wind	na	0	50000	2	3	3.5	2905	02-Jan-80	01-Jan-80	34.95	34.95	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
404	Wind	na	0	50000	2	4	3.5	2905	02-Jan-80	01-Jan-80	32.7	32.7	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
405	Wind	na	0	30000	2	5	3.5	2905	02-Jan-80	01-Jan-80	38.05	38.05	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
406	Wind	na	0	50000	2	6	3.5	2905	02-Jan-80	01-Jan-80	32.7	32.7	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
407	Wind	na	0	50000	2	7	3.5	2905	02-Jan-80	01-Jan-80	32.7	32.7	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
408	Wind	na	0	50000	2	8	3.5	2905	02-Jan-80	01-Jan-80	32.7	32.7	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
409	Wind	na	0	50000	2	9	3.5	2905	02-Jan-80	01-Jan-80	32.7	32.7	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
410	Wind	na	0	30000	2	10	3.5	2905	02-Jan-80	01-Jan-80	38.05	38.05	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
411	Wind	na	0	30000	2	11	3.5	2905	02-Jan-80	01-Jan-80	38.05	38.05	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
412	Wind	na	0	30000	2	12	3.5	2905	02-Jan-80	01-Jan-80	38.05	38.05	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
413	Wind	na	0	50000	2	13	3.5	2905	02-Jan-80	01-Jan-80	32.7	32.7	-1	1	-1	5	01-Jan-00	01-Jan-50	1062	50	-1	-1	-1	-1
501	Central PV	na	0	100000	3	1	0.8	8014	02-Jan-80	01-Jan-80	42.5	42.5	-1	1	-1	5	01-Jan-04	01-Jan-50	1025	25	-1	-1	-1	-1
502	Central PV	na	0	100000	3	2	0.8	8014	02-Jan-80	01-Jan-80	37.5	37.5	-1	1	-1	5	01-Jan-04	01-Jan-50	1025	25	-1	-1	-1	-1
503	Central PV	na	0	100000	3	3	0.8	8014	02-Jan-80	01-Jan-80	32.5	32.5	-1	1	-1	5	01-Jan-04	01-Jan-50	1025	25	-1	-1	-1	-1
504	Central PV	na	0	100000	3	4	0.8	8014	02-Jan-80	01-Jan-80	42.5	42.5	-1	1	-1	5	01-Jan-04	01-Jan-50	1025	25	-1	-1	-1	-1
505	Central PV	na	0	100000	3	5	0.8	8014	02-Jan-80	01-Jan-80	37.5	37.5	-1	1	-1	5	01-Jan-04	01-Jan-50	1025	25	-1	-1	-1	-1
506	Central PV	na	0	100000	3	6	0.8	8014	02-Jan-80	01-Jan-80	37.5	37.5	-1	1	-1	5	01-Jan-04	01-Jan-50	1025	25	-1	-1	-1	-1
507	Central PV	na	0	100000	3	7	0.8	8014	02-Jan-80	01-Jan-80	37.5	37.5	-1	1	-1	5	01-Jan-04	01-Jan-50	1025	25	-1	-1	-1	-1
508	Central PV	na	0	100000	3	8	0.8	8014	02-Jan-80	01-Jan-80	37.5	37.5	-1	1	-1	5	01-Jan-04	01-Jan-50	1025	25	-1	-1	-1	-1
509	Central PV	na	0	100000	3	9	0.8	8014	02-Jan-80	01-Jan-80	35	35	-1	1	-1	5								

**18. PORTFOLIO CONTRACTS**

Number	Portfolio	Name	Begin	End	Type	Shape	Energy Max	Energy Min	Energy Cost	Capacity Cost	Pricing Fuel	Fuel Factor
1	1	Contract A	01-Jan-97	31-Dec-02	Option Fixed Price	3	100	20	17	0		
2	1	Requirements	01-Jan-95	31-Dec-10	Must Take Market Price	0	200	200	4	0.3		
3	1	Contract B	01-Jan-97	31-Dec-02	Must Take Fixed Price	0	100	100	18	0.25		

**19. PORTFOLIO INFORMATION**

<b>Number</b>	<b>Name</b>	<b>Area</b>	<b>Demand</b>	<b>Demand Number</b>
1	Portfolio A	3	1500	3

**20. PORTFOLIO RESOURCES**

<b>Number</b>	<b>Portfolio</b>	<b>Resource Number</b>	<b>Percent Owned</b>
1	1	1472	100
2	1	1473	100
3	1	1474	100
4	1	1475	100
5	1	1476	100
6	1	1477	100
7	1	1478	100
8	1	1538	100
9	1	1539	100



## 21. RESOURCE GROUPS

Number	Name
1	Peaking Gas
2	Regular Gas
3	Coal
4	Nuclear
5	Renewable

**22. RESOURCE MODERATOR IP**

Resource	Name	Utility	Heat Rate	Capacity	Fuel	Second Fuel	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Non Cycling	Must Run	Hydro Number	Minimum Capacity	Begin Date	End Date	Dropped Resource	Input New Resource	NPV Value	From New Resource	Resource Fixed	Resource Group	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time
31	Ocotillo ST1	Arizona Public Service Company	10782	113000	82	0	10	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Jan-80	31-Dec-09	31	0	-8032594	0	FALSE	1	36	0	6	-1	-1	24
32	Ocotillo ST2	Arizona Public Service Company	10984	113000	82	0	10	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-25	32	0	-1153794	0	FALSE	1	36	0	6	-1	-1	24
40	Saguaro ST2	Arizona Public Service Company	11322	99000	82	0	10	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-08	40	0	-8167277	0	FALSE	1	0	0	6	-1	-1	24
48	West Phoenix GT1	Arizona Public Service Company	13965	67000	74	0	10	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	48	0	-175748	0	FALSE	2	41	0	6	-1	-1	24
49	West Phoenix GT2	Arizona Public Service Company	13965	67000	74	0	10	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	49	0	-175748	0	FALSE	2	41	0	6	-1	-1	24
59	Aravala GT1	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Jan-80	31-Dec-06	59	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
60	Aravala GT2	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Sep-02	31-Dec-06	60	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
61	Aravala GT3	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Sep-02	31-Dec-06	61	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
62	Barber Creek GT1	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Sep-02	31-Dec-06	62	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
63	Barber Creek GT2	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	24-Sep-02	31-Dec-06	63	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
64	Barber Creek GT3	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	24-Sep-02	31-Dec-06	64	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
65	Hartzog GT1	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	24-Sep-02	31-Dec-06	65	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
66	Hartzog GT2	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	18-Jun-02	31-Dec-06	66	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
67	Hartzog GT3	0	10000	5000	93	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	18-Jun-02	31-Dec-06	67	0	-1730254	0	FALSE	2	0	-1	0	-1	-1	24
74	Ben French IC2	Black Hills Power & Light Comp	9240	2000	42	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Jan-80	31-Dec-05	74	0	-7483685	0	FALSE	0	0	0	6	-1	-1	24
76	Ben French IC4	Black Hills Power & Light Comp	9240	2000	42	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-08	76	0	-2989906	0	FALSE	0	0	0	6	-1	-1	24
77	Ben French IC5	Black Hills Power & Light Comp	9240	2000	42	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-05	77	0	-7439813	0	FALSE	0	0	0	6	-1	-1	24
78	Ben French GT1	Black Hills Power & Light Comp	12490	25000	42	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	78	0	-1728669	0	FALSE	0	41	0	6	-1	-1	24
79	Ben French GT2	Black Hills Power & Light Comp	12490	25000	42	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	79	0	-1728669	0	FALSE	0	41	0	6	-1	-1	24
80	Ben French GT3	Black Hills Power & Light Comp	12490	25000	42	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	80	0	-1728669	0	FALSE	0	41	0	6	-1	-1	24
81	Ben French GT4	Black Hills Power & Light Comp	12490	25000	42	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	81	0	-1728669	0	FALSE	0	41	0	6	-1	-1	24
82	Ben French IC1	Black Hills Power & Light Comp	9240	2000	42	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-05	82	0	-7796317	0	FALSE	0	0	0	6	-1	-1	24
84	Lang GT	Edmonton Power	12500	165000	102	0	13	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	84	0	-1730254	0	FALSE	1	0	0	6	-1	-1	24
124	Burrard Thermal ST4	British Columbia Hydro & Power	12500	152000	102	0	4	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	124	0	-8688174	0	FALSE	1	0	0	6	-1	-1	24
126	Burrard Thermal ST5	British Columbia Hydro & Power	12500	152000	102	0	4	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	126	0	-8694923	0	FALSE	1	0	0	6	-1	-1	24
127	Burrard Thermal ST6	British Columbia Hydro & Power	12500	152000	102	0	4	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	127	0	-8748188	0	FALSE	1	0	0	6	-1	-1	24
164	Lake One GT	0	10000	47000	111	0	3	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	20	01-Jan-80	31-Dec-07	164	0	-1138219	0	FALSE	1	0	0	6	-1	-1	24
165	Magnolia ST3	0	10000	21000	97	0	3	-1	-1	02-Jan-81	01-Jan-81	25	-1	0	-1	31-Dec-99	31-Dec-06	165	0	-3225784	0	FALSE	2	0	0	6	-1	-1	24
166	Magnolia ST4	Barbark Public Service Departm	11100	32000	111	0	3	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-08	166	0	-8420596	0	FALSE	1	0	0	6	-1	-1	24
168	Olive ST1	Barbark Public Service Departm	10918	46000	111	0	3	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Jan-80	31-Dec-08	168	0	-8420036	0	FALSE	1	0	0	6	-1	-1	24
169	Olive ST2	Barbark Public Service Departm	10980	46000	111	0	3	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-25	169	0	-8813895	0	FALSE	1	0	0	6	-1	-1	24
364	Valencia GT1	Citizens Utilities Company - A	15445	15800	82	0	10	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Jan-80	31-Dec-24	364	0	-3980515	0	FALSE	1	28	0	6	-1	-1	24
373	George Birdsell ST1	Colorado Springs Utilities - C	13500	16000	105	0	8	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Jan-80	31-Dec-25	373	0	-4495881	0	FALSE	1	0	0	6	-1	-1	24
374	George Birdsell ST2	Colorado Springs Utilities - C	13500	17000	105	0	8	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Jan-80	31-Dec-25	374	0	-4497488	0	FALSE	1	0	0	6	-1	-1	24
375	George Birdsell ST3	Colorado Springs Utilities - C	13500	23000	105	0	8	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	01-Jan-80	31-Dec-07	375	0	-7874418	0	FALSE	1	0	0	6	-1	-1	24
436	Clover Bar ST1	Edmonton Power	12500	165000	102	0	13	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	436	0	-8581637	0	FALSE	1	0	0	6	-1	-1	24
437	Clover Bar ST2	Edmonton Power	12500	165000	102	0	13	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	437	0	-8688169	0	FALSE	1	0	0	6	-1	-1	24
438	Clover Bar ST3	Edmonton Power	12500	165000	102	0	13	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	438	0	-851926	0	FALSE	1	0	0	6	-1	-1	24
439	Clover Bar ST4	Edmonton Power	12500	165000	102	0	13	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	439	0	-8545095	0	FALSE	1	0	0	6	-1	-1	24
442	Russdale ST10	Edmonton Power	14000	73000	102	0	13	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	442	0	-8795932	0	FALSE	1	0	0	6	-1	-1	24
443	Russdale ST08	Edmonton Power	14000	71000	102	0	13	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-09	443	0	-8798553	0	FALSE	1	0	0	6	-1	-1	24
444	Russdale ST09	Edmonton Power	14000	73000	102	0	13	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	15-Aug-03	31-Dec-08	444	0	-8305991	0	FALSE	1	0	0	6	-1	-1	24
445	Copper GT	El Paso Electric Company	15800	71000	73	0	9	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	445	0	-1730164	0	FALSE	2	36	0	6	-1	-1	24
446	Newman ST1	El Paso Electric Company	10300	83000	73	0	9	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	446	0	-1788158	0	FALSE	2	36	0	6	-1	-1	24
447	Newman ST2	El Paso Electric Company	10300	82000	73	0	9	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	31-Dec-99	31-Dec-06	447	0	-1787535	0	FALSE	2	36	0	6	-1	-1	24
448	Newman ST3	El Paso Electric Company	9900	104000	73																								



Resource	Name	Utility	Heat Rate	Capacity	Fuel	Second Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Non Cycling	Must Run	Hydro Number	Minimum Capacity	Begin Date	End Date	Dropped Resource	Input New Resource	NPV Value	From New Resource	Resource Fixed	Resource Group	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time
939	Mobile GT3	Pacific Gas & Electric Company	14000	15000	42	0	2	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	0	20	31-Dec-99	31-Dec-10	939	0	-36.42327	0	FALSE	0	0	6	-1	-1	24	
941	Duke Moro Bay ST1	Pacific Gas & Electric Company	10293	171000	111	0	3	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-25	941	0	-97.19143	0	FALSE	1	0	0	6	-1	-1	24
942	Duke Moro Bay ST2	Pacific Gas & Electric Company	10207	171000	111	0	3	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-25	942	0	-93.87714	0	FALSE	1	0	0	6	-1	-1	24
945	Moss Landing ST6	Pacific Gas & Electric Company	8882	816000	100	0	2	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	01-Jan-80	31-Dec-10	945	0	-78.62717	0	FALSE	1	0	0	6	-1	-1	24
950	Oakland GT1	Pacific Gas & Electric Company	12080	58000	42	0	2	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	0	20	31-Dec-99	31-Dec-09	950	0	-110.8221	0	FALSE	0	0	0	6	-1	-1	24
951	Oakland GT2	Pacific Gas & Electric Company	12080	51000	42	0	2	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	0	20	31-Dec-99	31-Dec-09	951	0	-110.7693	0	FALSE	0	0	0	6	-1	-1	24
952	Oakland GT3	Pacific Gas & Electric Company	12080	49000	42	0	2	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	0	20	31-Dec-99	31-Dec-07	952	0	-62.79423	0	FALSE	0	0	0	6	-1	-1	24
960	Pittsburg ST1	Pacific Gas & Electric Company	10161	154000	100	0	2	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	31-Dec-99	31-Dec-09	960	0	-113.6492	0	FALSE	1	0	0	6	-1	-1	24
961	Pittsburg ST2	Pacific Gas & Electric Company	10161	154000	100	0	2	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	31-Dec-99	31-Dec-08	961	0	-118.7617	0	FALSE	1	0	0	6	-1	-1	24
962	Pittsburg ST3	Pacific Gas & Electric Company	10410	154000	100	0	2	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	31-Dec-99	31-Dec-08	962	0	-125.1263	0	FALSE	1	0	0	6	-1	-1	24
963	Pittsburg ST4	Pacific Gas & Electric Company	10371	150000	100	0	2	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	31-Dec-99	31-Dec-08	963	0	-123.2517	0	FALSE	1	0	0	6	-1	-1	24
964	Pittsburg ST5	Pacific Gas & Electric Company	9653	315000	100	0	2	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	31-Dec-99	31-Dec-25	964	0	-109.4219	0	FALSE	1	0	0	6	-1	-1	24
965	Pittsburg ST6	Pacific Gas & Electric Company	9625	317000	100	0	2	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	31-Dec-99	31-Dec-25	965	0	-106.5404	0	FALSE	1	0	0	6	-1	-1	24
966	Pittsburg ST7	Pacific Gas & Electric Company	9697	700000	100	0	2	2.3	XNGS775FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	31-Dec-99	31-Dec-25	966	0	-134.6026	0	FALSE	1	0	0	6	-1	-1	24
968	Potrero ST3	Pacific Gas & Electric Company	9771	207000	100	0	2	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	20	31-Dec-99	31-Dec-25	968	0	-165.9534	0	FALSE	1	0	0	6	-1	-1	24
969	Potrero GT4	Pacific Gas & Electric Company	12080	54000	42	0	2	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	0	20	31-Dec-99	31-Dec-07	969	0	-62.94069	0	FALSE	0	0	0	6	-1	-1	24
970	Potrero GT5	Pacific Gas & Electric Company	12080	55000	42	0	2	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	0	20	31-Dec-99	31-Dec-07	970	0	-62.94069	0	FALSE	0	0	0	6	-1	-1	24
971	Potrero GT6	Pacific Gas & Electric Company	12080	53000	42	0	2	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	0	20	31-Dec-99	31-Dec-07	971	0	-62.94068	0	FALSE	0	0	0	6	-1	-1	24
1009	Blundell	PacifiCorp	21248	19600	4	0	11	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-10	1009	0	101.6699	0	FALSE	5	0	0	6	-1	-1	24
1040	Gadsby ST1	PacifiCorp	11500	60000	104	0	11	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-05	1040	0	-65.85786	0	FALSE	1	0	0	6	-1	-1	24
1041	Gadsby ST2	PacifiCorp	11200	75000	104	0	11	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-05	1041	0	-65.85783	0	FALSE	1	0	0	6	-1	-1	24
1042	Gadsby ST3	PacifiCorp	10500	100000	104	0	11	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-09	1042	0	-89.14304	0	FALSE	1	0	0	6	-1	-1	24
1053	Hermiston Generating CCCC2	PacifiCorp	8800	236000	91	0	1	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-09	1053	0	-12.55763	0	FALSE	2	0	-1	0	-1	-1	24
1053	Little Mountain GTCG	PacifiCorp	9400	14000	94	0	11	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-05	1072	0	-9.117801	0	FALSE	2	0	0	6	-1	-1	24
1140	Broadway ST1	Pasadena CA, City of	11750	33000	111	0	3	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-08	1140	0	-89.13318	0	FALSE	1	0	0	6	-1	-1	24
1141	Broadway ST2	Pasadena CA, City of	11200	40000	111	0	3	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-08	1141	0	-84.21828	0	FALSE	1	0	0	6	-1	-1	24
1142	Broadway ST3	Pasadena CA, City of	10500	65000	111	0	3	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-08	1142	0	-84.18755	0	FALSE	1	0	0	6	-1	-1	24
1162	Beaver CC	Portland General Electric Comp	9200	336000	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-08	1162	0	-22.79569	0	FALSE	2	33	0	6	-1	-1	24
1163	Beaver GT8	0	10000	24500	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Dec-01	31-Dec-08	1163	0	-30.66978	0	FALSE	2	33	0	6	-1	-1	24
1208	Bonnett #1 1-4	Provo City Corp - UT	41482	2700	4	0	11	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-06	1208	0	-17.60325	0	FALSE	5	0	0	6	-1	-1	24
1209	Bonnett #2	Provo City Corp - UT	41482	1700	4	0	11	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-06	1209	0	-17.60324	0	FALSE	5	0	0	6	-1	-1	24
1210	Bonnett #3	Provo City Corp - UT	41482	6000	4	0	11	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-06	1210	0	-17.60324	0	FALSE	5	0	0	6	-1	-1	24
1211	Provo ST4	0	8000	8000	94	0	11	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-06	1211	0	-18.09355	0	FALSE	2	0	0	6	-1	-1	24
1219	Atlas CCGC	Public Service Company of Colo	8000	72000	93	0	8	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-08	1219	0	-28.0898	0	FALSE	2	37	0	6	-1	-1	24
1245	Brush 2 GTCC	Public Service Company of Colo	8000	74000	93	0	8	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-08	1245	0	-28.084	0	FALSE	2	0	0	6	-1	-1	24
1248	Coors Biotech GTCC	Public Service Company of Colo	8000	3300	93	0	8	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-06	1248	0	-15.07247	0	FALSE	2	0	0	6	-1	-1	24
1256	Greely Energy CCGC	Public Service Company of Colo	8000	108300	93	0	8	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-08	1256	0	-29.24445	0	FALSE	2	38	0	6	-1	-1	24
1259	Ignacio Gasoline Plant GTCC	Public Service Company of Colo	8000	6200	93	0	8	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-08	1259	0	-28.23362	0	FALSE	2	0	0	6	-1	-1	24
1285	Wattberg Field GTCC	Public Service Company of Colo	8000	722	93	0	8	-1	-1	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-06	1285	0	-14.89398	0	FALSE	2	38	0	6	-1	-1	24
1286	Zuni ST1	Public Service Company of Colo	13630	39000	105	0	8	2.3	XNGS745FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-07	1286	0	-78.74413	0	FALSE	1	0	0	6	-1	-1	24
1287	Zuni ST2	Public Service Company of Colo	13440	68000	105	0	8	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-09	1287	0	-87.98653	0	FALSE	1	0	0	6	-1	-1	24
1289	Las Vegas GT	Public Service Company of New	15782	20000	114	0	8	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-08	1289	0	-27.71992	0	FALSE	1	0	0	6	-1	-1	24
1293	Reeves ST1	Public Service Company of New	11143	44000	84	0	9	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-07	1293	0	-78.72858	0	FALSE	1	0	0	6	-1	-1	24
1294	Reeves ST2	Public Service Company of New	10972	44000	84	0	9	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-10	1294	0	-93.2887	0	FALSE	1	0	0	6	-1	-1	24
1295	Reeves ST3	Public Service Company of New	14690	66000	84	0	9	2.3	XNGS765FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-Jan-80	31-Dec-08	1295	0	-84.23109	0	FALSE	1	0	0	6	-1	-1	24
1409	Raton ST3	0	10000	1800	77	0	9	1.8	305	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	01-May-01	31-Dec-05	1409	0	-9.309302	0	FALSE	2	0	0	6	-1	-1	24
1428	McClellan GT rreated	Sacramento Municipal Utility D	13695	72000	100	0	2	1.1	266	02-Jan-81	01-Jan-81	-1	-1	0	0	-1	01-Jan-80	31-Dec-09	1428	0	-32.67145	0	FALSE	1	0	0	6	-1	-1	24
1443	Agua Fria ST1	Salt River Project - AZ	10277	114000	82	0	10	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-25	1443	0	-9.240374	0	FALSE	1	36	0	6	-1	-1	24
1449	Kyrene ST1	Salt River Project - AZ	12627	14000	82	0	10	2.3	XNGS755FOM	02-Jan-81	01-Jan-81	-1	-1	-1	0	-1	31-Dec-99	31-Dec-25	1460	0	-43.47027	0	FALSE	1	0	0	6	-1	-1	2

Resource	Name	Min Down Time	UBB Heat Rate	UBB Bidding Factor	UBB Segment Size	Maintenance Rate	Maximum Storage	Recharge Capacity	Initial Contents	Shadow Bidding Offer	Shadow Bidding Resource	Mean Repair Time	Risk Outage	Risk Resource Link	Fuel Adder	Second Fuel Adder	Fuel Multiplier	Second Fuel Multiplier	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Reporting
939	Mobile GT3	0				-1			0	0	0	0	0	0	0	0	1	1	107	0	0	FALSE
941	Duke Morro Bay ST1	0				-1			0	0	0	0	0	0	0	0	1	1	97	0	0	FALSE
942	Duke Morro Bay ST2	0				-1			0	0	0	0	0	0	0	0	1	1	98	0	0	FALSE
945	Moss Landing ST6	0				-1			0	0	0	0	0	0	0	0	1	1	113	0	0	FALSE
950	Oakland GT1	0				-1			0	0	0	0	0	0	0	0	1	1	124	0	0	FALSE
951	Oakland GT2	0				-1			0	0	0	0	0	0	0	0	1	1	124	0	0	FALSE
952	Oakland GT3	0				-1			0	0	0	0	0	0	0	0	1	1	124	0	0	FALSE
960	Pittsburg ST1	0				-1			0	0	0	0	0	0	0	0	1	1	96	0	0	FALSE
961	Pittsburg ST2	0				-1			0	0	0	0	0	0	0	0	1	1	96	0	0	FALSE
962	Pittsburg ST3	0				-1			0	0	0	0	0	0	0	0	1	1	96	0	0	FALSE
963	Pittsburg ST4	0				-1			0	0	0	0	0	0	0	0	1	1	96	0	0	FALSE
964	Pittsburg ST5	0				-1			0	0	0	0	0	0	0	0	1	1	104	0	0	FALSE
965	Pittsburg ST6	0				-1			0	0	0	0	0	0	0	0	1	1	104	0	0	FALSE
966	Pittsburg ST7	0				-1			0	0	0	0	0	0	0	0	1	1	103	0	0	FALSE
968	Potrero ST3	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
969	Potrero GT4	0				-1			0	0	0	0	0	0	0	0	1	1	83	0	0	FALSE
970	Potrero GT5	0				-1			0	0	0	0	0	0	0	0	1	1	83	0	0	FALSE
971	Potrero GT6	0				-1			0	0	0	0	0	0	0	0	1	1	83	0	0	FALSE
1009	Blundell	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
1040	Gadsby ST1	0				-1			0	0	0	0	0	0	0	0	1	1	87	0	0	FALSE
1041	Gadsby ST2	0				-1			0	0	0	0	0	0	0	0	1	1	89	0	0	FALSE
1042	Gadsby ST3	0				-1			0	0	0	0	0	0	0	0	1	1	95	0	0	FALSE
1053	Hermiston Generating CCGG2	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
1072	Little Mountain GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	69	0	0	FALSE
1140	Broadway ST1	0				-1			0	0	0	0	0	0	0	0	1	1	85	0	0	FALSE
1141	Broadway ST2	0				-1			0	0	0	0	0	0	0	0	1	1	89	0	0	FALSE
1142	Broadway ST3	0				-1			0	0	0	0	0	0	0	0	1	1	95	0	0	FALSE
1162	Beaver CC	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
1163	Beaver GT8	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
1208	Bonnett #1 1-4	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
1209	Bonnett #2	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
1210	Bonnett #3	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
1211	Power ST4	12				-1			0	0	0	0	0	0	0	0	1	1	69	0	0	FALSE
1219	Atlas CCGG	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
1245	Brush 2 GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
1248	Coors Biotech GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
1256	Greeley Energy GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
1259	Ignacio Gasoline Plant GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
1285	Wattenberg Field GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
1286	Zuni ST1	0				-1			0	0	0	0	0	0	0	0	1	1	73	0	0	FALSE
1287	Zuni ST2	0				-1			0	0	0	0	0	0	0	0	1	1	74	0	0	FALSE
1289	Law View GT	0				-1			0	0	0	0	0	0	0	0	1	1	65	0	0	FALSE
1293	Reeves ST1	0				-1			0	0	0	0	0	0	0	0	1	1	90	0	0	FALSE
1294	Reeves ST2	0				-1			0	0	0	0	0	0	0	0	1	1	91	0	0	FALSE
1295	Reeves ST3	0				-1			0	0	0	0	0	0	0	0	1	1	68	0	0	FALSE
1409	Raton ST3	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
1428	McClellan GT rerated	0				-1			0	0	0	0	0	0	0	0	1	1	73	0	0	FALSE
1443	Agua Fria ST1	0				-1			0	0	0	0	0	0	0	0	1	1	97	0	0	FALSE
1460	Kyrene ST1	0				-1			0	0	0	0	0	0	0	0	1	1	78	0	0	FALSE
1461	Kyrene ST2	0				-1			0	0	0	0	0	0	0	0	1	1	88	0	0	FALSE
1477	Division GT	0				-1			0	0	0	0	0	0	0	0	1	1	94	0	0	FALSE
1478	El Cajon GT	0				-1			0	0	0	0	0	0	0	0	1	1	61	0	0	FALSE
1479	Encina ST1	0				-1			0	0	0	0	0	0	0	0	1	1	97	0	0	FALSE
1480	Encina ST2	0				-1			0	0	0	0	0	0	0	0	1	1	97	0	0	FALSE
1481	Encina ST3	0				-1			0	0	0	0	0	0	0	0	1	1	96	0	0	FALSE
1484	Encina GT	0				-1			0	0	0	0	0	0	0	0	1	1	60	0	0	FALSE
1486	Kearyn GT1	0				-1			0	0	0	0	0	0	0	0	1	1	65	0	0	FALSE
1487	Kearyn GT2	0				-1			0	0	0	0	0	0	0	0	1	1	61	0	0	FALSE
1488	Kearyn GT3	0				-1			0	0	0	0	0	0	0	0	1	1	62	0	0	FALSE
1489	Naval Station EF CCGG	0				-1			0	0	0	0	0	0	0	0	1	1	73	0	0	FALSE
1490	Naval Training Cr GT	0				-1			0	0	0	0	0	0	0	0	1	1	65	0	0	FALSE
1491	North Island GT1	0				-1			0	0	0	0	0	0	0	0	1	1	66	0	0	FALSE
1492	North Island GT2	0				-1			0	0	0	0	0	0	0	0	1	1	66	0	0	FALSE
1493	South Bay ST1	0				-1			0	0	0	0	0	0	0	0	1	1	105	0	0	FALSE
1494	South Bay ST2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
1495	South Bay ST3	12				-1			0	0	0	0	0	0	0	0	1	1	101	0	0	FALSE
1496	South Bay ST4	0				-1			0	0	0	0	0	0	0	0	1	1	88	0	0	FALSE
1497	South Bay GT	0				-1			0	0	0	0	0	0	0	0	1	1	75	0	0	FALSE
1587	Clark Min GT1	0				-1			0	0	0	0	0	0	0	0	1	1	65	0	0	FALSE
1588	Clark Min GT2	0				-1			0	0	0	0	0	0	0	0	1	1	67	0	0	FALSE
1590	Tracy ST1	0				-1			0	0	0	0	0	0	0	0	1	1	82	0	0	FALSE
1591	Tracy ST2	0				-1			0	0	0	0	0	0	0	0	1	1	90	0	0	FALSE
1600	Winemucca GT	0				-1			0	0	0	0	0	0	0	0	1	1	63	0	0	FALSE
1606	AES Alamos ST1	0				-1			0	0	0	0	0	0	0	0	1	1	91	0	0	FALSE
1607	AES Alamos ST2	0				-1			0	0	0	0	0	0	0	0	1	1	94	0	0	FALSE
1608	AES Alamos ST3	0				-1			0	0	0	0	0	0	0	0	1	1	98	0	0	FALSE
1610	AES Alamos ST5	0				-1			0	0	0	0	0	0	0	0	1	1	107	0	0	FALSE
1653	Alta Power Gen ST2	0				-1			0	0	0	0	0	0	0	0	1	1	96	0	0	FALSE
1656	El Segundo Power ST1	0				-1			0	0	0	0	0	0	0	0	1	1	94	0	0	FALSE
1657	El Segundo Power ST2	0				-1			0	0	0	0	0	0	0	0	1	1	94	0	0	FALSE
1660	Mountain Vista ST1	0				-1			0	0	0	0	0	0	0	0	1	1	90	0	0	FALSE
1661	Mountain Vista ST2	0				-1			0	0	0	0	0	0	0	0	1	1	90	0	0	FALSE
1667	Riverside Canal ST1	0				-1			0	0	0	0	0	0	0	0	1	1	75	0	0	FALSE
1668	Riverside Canal ST2	0				-1			0	0	0	0	0	0	0	0	1	1	75	0	0	FALSE
1669	Riverside Canal ST3	0				-1			0	0	0	0	0	0	0	0	1	1	81	0	0	FALSE
1670	Riverside Canal ST4	0				-1			0	0	0	0	0	0	0	0	1	1	81	0	0	FALSE
1720	AES Redondo Beach ST5	0																				

Resource	Name	Utility	Heat Rate	Capacity	Fuel	Second Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Non Cycling	Must Run	Hydro Number	Minimum Capacity	Begin Date	End Date	Dropped Resource	Input New Resource	NPV Value	From New Resource	Resource	Resource Group	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time
2008	Los Alamos Unit ST3	US ERDA- Los Alamos Area Office	13475	9000	84	0	9	2.3	XNGST45FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2008	0	-84.23103	0	FALSE	1	0	0	6	-1	-1	24
2033	Boulder Park GT1-6	0	10000	24600	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2033	0	-30.66032	0	FALSE	2	33	0	6	-1	-1	24
2035	Kettle Falls GT	0	10000	6500	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2035	0	-25.04576	0	FALSE	2	33	0	6	-1	-1	24
2036	Northeast GT	0	10000	69000	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2036	0	-30.78768	0	FALSE	2	33	0	6	-1	-1	24
2079	Pueblo ST5	0	10000	9000	93	0	8	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	31-Dec-99	31-Dec-06	2079	0	-17.30254	0	FALSE	2	0	-1	0	-1	-1	24
2080	Pueblo ST6	West Plains Energy	13700	20000	105	0	8	2.3	XNGST45FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	31-Dec-99	31-Dec-07	2080	0	-78.74413	0	FALSE	1	0	0	6	-1	-1	24
2192	Fredonia GT3	0	10000	55000	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	31-Dec-99	31-Dec-08	2192	0	-30.71586	0	FALSE	2	33	0	6	-1	-1	24
2193	Fredonia GT4	0	10000	53000	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	31-Dec-99	31-Dec-08	2193	0	-25.06179	0	FALSE	2	33	0	6	-1	-1	24
2222	Ayala Mansa GT	0	10000	43000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-07	2222	0	-113.8218	0	FALSE	1	0	0	6	-1	-1	24
2256	Border GT	0	10000	49100	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-05	2256	0	-78.87079	0	FALSE	1	0	0	6	-1	-1	24
2289	Century GT	0	10000	43000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-25	2289	0	-178.695	0	FALSE	1	0	0	6	-1	-1	24
2306	Chowchilla II GT	0	10000	49000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-25	2306	0	-180.1048	0	FALSE	1	0	0	6	-1	-1	24
2308	Chula Vista GT	0	10000	44000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-07	2308	0	-113.8148	0	FALSE	1	0	0	6	-1	-1	24
2337	Creed GT	0	10000	45000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-08	2337	0	-115.4856	0	FALSE	1	0	0	6	-1	-1	24
2356	Dnuha GTCC	0	10000	12000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-08	2356	0	-115.4846	0	FALSE	1	0	0	6	-1	-1	24
2365	Drows GT	0	10000	43000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-05	2365	0	-78.87077	0	FALSE	1	0	0	6	-1	-1	24
2365	El Cajon GT (CallPeak)	0	10000	49000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-07	2365	0	-113.8444	0	FALSE	1	0	0	6	-1	-1	24
2374	Enterprise Esccondido GT	0	10000	49000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-05	2374	0	-78.87077	0	FALSE	1	0	0	6	-1	-1	24
2376	Esccondido GT	0	10000	44000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-25	2376	0	-178.7502	0	FALSE	1	0	0	6	-1	-1	24
2383	Feather River GT	0	10000	45000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-08	2383	0	-115.5045	0	FALSE	1	0	0	6	-1	-1	24
2389	Fresno GT	0	10000	49500	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-05	2389	0	-78.87078	0	FALSE	1	0	0	6	-1	-1	24
2391	Fresno GTCC	0	10000	22400	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-06	2391	0	-97.82531	0	FALSE	1	0	0	6	-1	-1	24
2395	Gates GT	0	10000	45000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-07	2395	0	-113.8148	0	FALSE	1	0	0	6	-1	-1	24
2406	Goose Haven GT	0	10000	45000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-08	2406	0	-115.4928	0	FALSE	1	0	0	6	-1	-1	24
2421	Hanford GT1	0	10000	44000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-08	2421	0	-115.4857	0	FALSE	1	0	0	6	-1	-1	24
2422	Hanford GT2	0	10000	44000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-08	2422	0	-115.4679	0	FALSE	1	0	0	6	-1	-1	24
2424	Harbor GTCC	0	10000	17900	97	0	3	-1	-1	02-Jan-81	01-Jan-81	25	-1	0	-1	0	01-Jan-80	31-Dec-10	2424	0	-58.0848	0	FALSE	2	0	0	6	-1	-1	24
2429	Henrietta Peaker GT1	0	10000	48000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-07	2429	0	-113.8289	0	FALSE	1	0	0	6	-1	-1	24
2430	Henrietta Peaker GT2	0	10000	48000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-07	2430	0	-113.8289	0	FALSE	1	0	0	6	-1	-1	24
2460	King City GT	0	10000	48700	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-25	2460	0	-180.0798	0	FALSE	1	0	0	6	-1	-1	24
2461	Kings County State Prison GTCC	0	10000	4000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-05	2461	0	-78.87078	0	FALSE	1	0	0	6	-1	-1	24
2466	Lambie GT	0	10000	45000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-25	2466	0	-180.0665	0	FALSE	1	0	0	6	-1	-1	24
2477	Loma Linda UIC	0	10000	100	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-05	2477	0	-78.87077	0	FALSE	1	0	0	6	-1	-1	24
2483	Los Banos GT	0	10000	49900	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-07	2483	0	-106.3085	0	FALSE	1	0	0	6	-1	-1	24
2484	Los Esteros GT1	0	10000	48700	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-07	2484	0	-106.3166	0	FALSE	1	0	0	6	-1	-1	24
2485	Los Esteros GT2	0	10000	48700	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-25	2485	0	-179.6771	0	FALSE	1	0	0	6	-1	-1	24
2486	Los Esteros GT3	0	10000	48700	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-07	2486	0	-106.3133	0	FALSE	1	0	0	6	-1	-1	24
2487	Los Esteros GT4	0	10000	48700	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-08	2487	0	-115.4557	0	FALSE	1	0	0	6	-1	-1	24
2583	Pacific Lumber 2	Pacific Lumber Company	8000	10000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-25	2583	0	28.62355	0	FALSE	1	0	0	6	-1	-1	24
2589	Panache GT	0	10000	49100	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-07	2589	0	-106.3184	0	FALSE	1	0	0	6	-1	-1	24
2632	Red Bluff GT	0	10000	47000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	31-Dec-99	31-Dec-08	2632	0	-115.4949	0	FALSE	1	0	0	6	-1	-1	24
2633	Riverview	0	10000	45000	100	0	2	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-08	2633	0	-115.4843	0	FALSE	1	0	0	6	-1	-1	24
2634	Rockwell GTCC	0	10000	21000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	0	20	0	01-Jan-80	31-Dec-07	2634	0	-113.8289	0	FALSE	1	0	0	6	-1	-1	24
2655	San Joaquin GTCC2	JRW & Associates	8000	1300	100	0	2	2.3	XNGST65FOM	02-Jan-81																				



Resource	Name	Min Down Time	UBB Heat Rate	UBB Bidding Factor	UBB Segment Size	Maintenance Rate	Maximum Storage	Recharge Capacity	Initial Contents	Shadow Bidding Offer	Shadow Bidding Resource	Mean Repair Time	Risk Outage	Risk Resource Link	Fuel Adder	Second Fuel Adder	Fuel Multiplier	Second Fuel Multiplier	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Reporting
2008	Los Alamos Unit ST3	0				-1			0	0	0	0	0	0	0	0	1	1	74	0	0	FALSE
2033	Boulder Park GT1-6	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2035	Kettle Falls GT	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2036	Northeast GT	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2079	Pueblo ST5	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2080	Pueblo ST6	0				-1			0	0	0	0	0	0	0	0	1	1	73	0	0	FALSE
2192	Fredonia GT3	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2193	Fredonia GT4	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2272	Agua Mansa GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2266	Border GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2289	Century GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2306	Chowchilla II GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2308	Chula Vista GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2337	Creed GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2356	Dimuba GTCG	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2361	Drews GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2365	El Cajon GT (CoalPeak)	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2374	Enterprise Escondido GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2376	Escondido GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2383	Feather River GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2389	Fresno GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2391	Fresno GTCG	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2395	Gates GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2408	Geese Haven GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2421	Hanford GT1	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2422	Hanford GT2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2424	Harbor GTCG	12				25			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
2429	Henrietta Peaker GT1	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2430	Henrietta Peaker GT2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2460	King City GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2461	Kings County State Prison GTCG	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2466	Lambe GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2477	Loma Linda I/C	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2483	Los Banos GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2484	Los Esteros GT1	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2485	Los Esteros GT2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2486	Los Esteros GT3	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2487	Los Esteros GT4	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2583	Pacific Lumber 2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2589	Panchoe GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2632	Red Bluff GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2633	Riverside	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2634	Rockwell GTCG	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2655	San Joaquin GTCG2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2656	San Joaquin GTCG3	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2657	San Joaquin GTCG4	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2658	San Joaquin GTCG5	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2659	San Joaquin GTCG6	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2660	San Joaquin GTCG7	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2661	San Joaquin GTCG8	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2720	Spring Substation GT1	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2721	Spring Substation GT2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2722	Spring Substation GT3	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2723	Spring Substation GT4	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2749	THUMS GTCG	12				25			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
2757	Tracy GT1	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2758	Tracy GT2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2770	UCSD GTCG	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2774	Vaca-Dixon GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2799	Wolfskill GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2805	Yuba City GT	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2813	Neil Simpson II GT	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2814	Whitehead IC3	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2823	Drywood STCG	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2826	Fort Nelson GT	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2836	Springfield IC3	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2838	Vainmont GT	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2842	Albany GT	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2843	Alden Bailey GT	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2847	Beowawe Power	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
2852	BP Cherry Point GT	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2857	Burdett ICs	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
2860	Gilroy GT2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2861	Gilroy GT3	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2862	Gaithers Dixie Valley	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
2864	Carlsbad GT2	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
2866	Cavalier CC	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2867	Coaldale ICs	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
2870	Drywood Expansion STCG	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2873	Egulleton GT	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2874	Finley GT	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2875	Fort Macleod GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2876	Fort Macleod ICs	12				-1			0	0	0	0	0	0	0	0	1	1	125	0	0	FALSE
2877	Fortner Creek GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2880	Georgia Pacific GT	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2885	Gillette GT	12				-1			0	0	0	0	0									

Resource	Name	Utility	Heat Rate	Capacity	Fuel	Second Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Non Cycling	Must Run	Hydro Number	Minimum Capacity	Begin Date	End Date	Dropped Resource	Input New Resource	NPV Value	From New Resource	Resource Group	Capacity Month/Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	
2920	Okanagan ICS	0	10000	26000	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2920	0	-30.66616	0	FALSE	2	33	0	6	-1	-1	24
2921	Pasco GT1	0	10000	11000	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2921	0	-30.66093	0	FALSE	2	33	0	6	-1	-1	24
2922	Pasco GT2	0	10000	11000	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2922	0	-30.66545	0	FALSE	2	33	0	6	-1	-1	24
2927	Procter & Gamble GTCG	Sacramento Municipal	11000	44000	91	0	2	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-09	2927	0	-36.20017	0	FALSE	2	0	-1	0	-1	-1	24
2929	Randolph Rd ICL-20	0	10000	32000	92	0	1	1.8	305	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2929	0	-30.65076	0	FALSE	2	33	0	6	-1	-1	24
2930	Red Deer GTCG	API Grain Processors	12000	4000	71	0	13	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-05	2930	0	-9.117808	0	FALSE	2	0	-1	0	-1	-1	24
2931	Rye Patch	0	20000	10200	4	0	12	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-16	2931	0	368.5928	0	FALSE	5	0	0	6	-1	-1	24
2936	Stonington Springs	0	20000	25000	91	0	2	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-13	2936	0	308.0438	0	FALSE	2	0	0	6	-1	-1	24
2937	Sturgeon GTCG3	ATCO	10000	46000	71	0	13	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-16	2937	0	-48.14663	0	FALSE	2	0	0	0	-1	-1	24
2946	TRI-Center GT1	Nanisivu Energy	8500	60000	76	0	12	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2946	0	7.653892	0	FALSE	2	0	-1	0	-1	-1	24
2955	Indigo GT2	Wildflower LLP	10000	45000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	1	0	20	01-Jan-80	31-Dec-07	2955	0	-113.8219	0	FALSE	1	0	0	6	-1	-1	24
2956	Indigo GT3	Wildflower LLP	10000	45000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	1	0	20	01-Jan-80	31-Dec-05	2956	0	-78.87077	0	FALSE	1	0	0	6	-1	-1	24
2958	Larkspur GT2	Wildflower LLP	10000	43000	111	0	3	2.3	XNGST65FOM	02-Jan-81	01-Jan-81	-1	-1	1	0	20	01-Jan-80	31-Dec-07	2958	0	-113.8269	0	FALSE	1	0	0	6	-1	-1	24
2959	Sturgeon GTCG1	ATCO	10000	10000	71	0	13	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-07	2959	0	-23.72348	0	FALSE	2	0	-1	0	-1	-1	24
2960	Sturgeon GTCG2	0	10000	8000	71	0	13	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-07	2960	0	-23.67404	0	FALSE	2	0	-1	0	-1	-1	24
2963	Mountain Valley GT1	Black Hills	8500	40000	93	0	8	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Jan-80	31-Dec-08	2963	0	-30.8923	0	FALSE	2	0	0	0	-1	-1	24
2994	Hidalgo Peaking plant	Public Service	10000	80000	84	0	9	2.3	XNGST55FOM	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Dec-04	31-Dec-25	2994	0	-97.20651	0	FALSE	1	0	0	6	-1	-1	24
2999	need new name	scompany	17369	125000	4	0	7	-1	-1	02-Jan-81	01-Jan-81	-1	-1	0	-1	0	01-Dec-04	31-Dec-07	2999	0	31.72591	0	FALSE	5	0	0	6	-1	-1	24
3000	New No 97 Comb Cycle	na	6600	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-14	31-Dec-49	0	1	2.211658	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3001	New No 117 Comb Cycle	na	6600	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	1	4.287671	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3002	New No 131 Comb Cycle	na	6520	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-18	31-Dec-49	0	1	4.944868	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3003	New No 133 Comb Cycle	na	6520	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-18	31-Dec-49	0	1	4.956865	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3004	New No 137 Comb Cycle	na	6520	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-18	31-Dec-49	0	1	4.956273	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3005	New No 143 Comb Cycle	na	6500	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-19	31-Dec-49	0	1	2.446908	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3006	New No 144 Comb Cycle	na	6500	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-19	31-Dec-49	0	1	2.440619	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3007	New No 145 Comb Cycle	na	6500	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-19	31-Dec-49	0	1	2.448906	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3008	New No 156 Comb Cycle	na	6490	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	1	0.7977886	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3009	New No 157 Comb Cycle	na	6490	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	1	0.7973022	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3010	New No 166 Comb Cycle	na	6480	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-21	31-Dec-49	0	1	0.06071963	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3011	New No 186 Comb Cycle	na	6460	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-23	31-Dec-49	0	1	-0.8092453	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3012	New No 187 Comb Cycle	na	6460	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-23	31-Dec-49	0	1	-0.8149329	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3013	New No 188 Comb Cycle	na	6460	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-23	31-Dec-49	0	1	-0.8105328	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3014	New No 192 Comb Cycle	na	6450	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-24	31-Dec-49	0	1	0.2317274	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3015	New No 194 Comb Cycle	na	6450	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-24	31-Dec-49	0	1	0.2211395	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3016	New No 198 Comb Cycle	na	6450	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-24	31-Dec-49	0	1	0.2222085	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3017	New No 206 Comb Cycle	na	6440	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	1	0.3180813	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3018	New No 207 Comb Cycle	na	6440	250000	92	1	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	1	0.3181803	101	FALSE	2	-1	-1	-1	-1	-1	-1	
3019	New No 211 Comb Cycle	na	6780	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-05	31-Dec-49	0	2	10.28304	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3020	New No 213 Comb Cycle	na	6780	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-05	31-Dec-49	0	2	10.26831	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3021	New No 214 Comb Cycle	na	6780	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-05	31-Dec-49	0	2	10.18723	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3022	New No 215 Comb Cycle	na	6780	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-05	31-Dec-49	0	2	10.17032	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3023	New No 224 Comb Cycle	na	6760	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-06	31-Dec-49	0	2	10.55827	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3024	New No 225 Comb Cycle	na	6760	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-06	31-Dec-49	0	2	10.58335	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3025	New No 226 Comb Cycle	na	6760	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-06	31-Dec-49	0	2	10.59736	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3026	New No 227 Comb Cycle	na	6760	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-06	31-Dec-49	0	2	10.51239	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3027	New No 228 Comb Cycle	na	6760	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-06	31-Dec-49	0	2	10.52879	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3028	New No 231 Comb Cycle	na	6740	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-07	31-Dec-49	0	2	9.870208	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3029	New No 232 Comb Cycle	na	6740	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-07	31-Dec-49	0	2	9.848501	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3030	New No 233 Comb Cycle	na	6740	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-07	31-Dec-49	0	2	9.868997	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3031	New No 234 Comb Cycle	na	6740	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-07	31-Dec-49	0	2	9.872355	102	FALSE	2	-1	-1	-1	-1	-1	-1	
3032	New No 235 Comb Cycle	na	6740	250000	91	2	0.8	1839	02-Jan-81	01-Jan-81																				

Resource	Name	Min Down Time	UBB Heat Rate	UBB Bidding Factor	UBB Segment Size	Maintenance Rate	Maximum Storage	Recharge Capacity	Initial Contents	Shadow Bidding Adder	Shadow Bidding Resource	Mean Repair Time	Risk Outage	Risk Resource Link	Fuel Adder	Second Fuel Adder	Fuel Multiplier	Second Fuel Multiplier	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Reporting
2920	Okanagan ICS	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2921	Pasco GT1	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2922	Pasco GT2	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2927	Procter & Gamble GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2929	Randolph Rd ICI-20	12				-1			0	0	0	0	0	0	0	0	1	1	109	0	0	FALSE
2930	Red Deer GTCG	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2931	Rye Patch	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
2936	Steamboat Springs	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
2937	Sturgeon GTCG3	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2946	TRI-Center GT1	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2955	Indigo GT2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2956	Indigo GT3	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2958	Larkspur GT2	0				-1			0	0	0	0	0	0	0	0	1	1	102	0	0	FALSE
2959	Sturgeon GTCG1	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2960	Sturgeon GTCG2	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2963	Mountain Valley GT1	12				-1			0	0	0	0	0	0	0	0	1	1	-1	-1	-1	FALSE
2994	Hidalgo Peakina plant	0				-1			0	0	0	0	0	0	0	0	1	1	74	0	0	FALSE
2999	need new name	0				-1			0	0	0	0	0	0	0	0	1	1	0	0	0	FALSE
3000	New No 97 Comb Cycle	-1				4													0	0	0	FALSE
3001	New No 117 Comb Cycle	-1				4													0	0	0	FALSE
3002	New No 131 Comb Cycle	-1				4													0	0	0	FALSE
3003	New No 133 Comb Cycle	-1				4													0	0	0	FALSE
3004	New No 137 Comb Cycle	-1				4													0	0	0	FALSE
3005	New No 143 Comb Cycle	-1				4													0	0	0	FALSE
3006	New No 144 Comb Cycle	-1				4													0	0	0	FALSE
3007	New No 145 Comb Cycle	-1				4													0	0	0	FALSE
3008	New No 156 Comb Cycle	-1				4													0	0	0	FALSE
3009	New No 157 Comb Cycle	-1				4													0	0	0	FALSE
3010	New No 166 Comb Cycle	-1				4													0	0	0	FALSE
3011	New No 186 Comb Cycle	-1				4													0	0	0	FALSE
3012	New No 187 Comb Cycle	-1				4													0	0	0	FALSE
3013	New No 188 Comb Cycle	-1				4													0	0	0	FALSE
3014	New No 192 Comb Cycle	-1				4													0	0	0	FALSE
3015	New No 194 Comb Cycle	-1				4													0	0	0	FALSE
3016	New No 198 Comb Cycle	-1				4													0	0	0	FALSE
3017	New No 206 Comb Cycle	-1				4													0	0	0	FALSE
3018	New No 207 Comb Cycle	-1				4													0	0	0	FALSE
3019	New No 211 Comb Cycle	-1				4													0	0	0	FALSE
3020	New No 213 Comb Cycle	-1				4													0	0	0	FALSE
3021	New No 214 Comb Cycle	-1				4													0	0	0	FALSE
3022	New No 215 Comb Cycle	-1				4													0	0	0	FALSE
3023	New No 224 Comb Cycle	-1				4													0	0	0	FALSE
3024	New No 225 Comb Cycle	-1				4													0	0	0	FALSE
3025	New No 226 Comb Cycle	-1				4													0	0	0	FALSE
3026	New No 227 Comb Cycle	-1				4													0	0	0	FALSE
3027	New No 228 Comb Cycle	-1				4													0	0	0	FALSE
3028	New No 231 Comb Cycle	-1				4													0	0	0	FALSE
3029	New No 232 Comb Cycle	-1				4													0	0	0	FALSE
3030	New No 233 Comb Cycle	-1				4													0	0	0	FALSE
3031	New No 234 Comb Cycle	-1				4													0	0	0	FALSE
3032	New No 235 Comb Cycle	-1				4													0	0	0	FALSE
3033	New No 242 Comb Cycle	-1				4													0	0	0	FALSE
3034	New No 251 Comb Cycle	-1				4													0	0	0	FALSE
3035	New No 252 Comb Cycle	-1				4													0	0	0	FALSE
3036	New No 255 Comb Cycle	-1				4													0	0	0	FALSE
3037	New No 256 Comb Cycle	-1				4													0	0	0	FALSE
3038	New No 257 Comb Cycle	-1				4													0	0	0	FALSE
3039	New No 258 Comb Cycle	-1				4													0	0	0	FALSE
3040	New No 264 Comb Cycle	-1				4													0	0	0	FALSE
3041	New No 265 Comb Cycle	-1				4													0	0	0	FALSE
3042	New No 266 Comb Cycle	-1				4													0	0	0	FALSE
3043	New No 267 Comb Cycle	-1				4													0	0	0	FALSE
3044	New No 274 Comb Cycle	-1				4													0	0	0	FALSE
3045	New No 275 Comb Cycle	-1				4													0	0	0	FALSE
3046	New No 276 Comb Cycle	-1				4													0	0	0	FALSE
3047	New No 277 Comb Cycle	-1				4													0	0	0	FALSE
3048	New No 284 Comb Cycle	-1				4													0	0	0	FALSE
3049	New No 286 Comb Cycle	-1				4													0	0	0	FALSE
3050	New No 287 Comb Cycle	-1				4													0	0	0	FALSE
3051	New No 294 Comb Cycle	-1				4													0	0	0	FALSE
3052	New No 295 Comb Cycle	-1				4													0	0	0	FALSE
3053	New No 299 Comb Cycle	-1				4													0	0	0	FALSE
3054	New No 300 Comb Cycle	-1				4													0	0	0	FALSE
3055	New No 306 Comb Cycle	-1				4													0	0	0	FALSE
3056	New No 307 Comb Cycle	-1				4													0	0	0	FALSE
3057	New No 316 Comb Cycle	-1				4													0	0	0	FALSE
3058	New No 317 Comb Cycle	-1				4													0	0	0	FALSE
3059	New No 321 Comb Cycle	-1				4													0	0	0	FALSE
3060	New No 322 Comb Cycle	-1				4													0	0	0	FALSE
3061	New No 326 Comb Cycle	-1				4													0	0	0	FALSE
3062	New No 327 Comb Cycle	-1				4													0	0	0	FALSE
3063	New No 328 Comb Cycle	-1				4													0	0	0	FALSE
3064	New No 333 Comb Cycle	-1				4													0	0	0	FALSE
3065	New No 334 Comb Cycle	-1				4													0	0	0	FALSE
3066	New No 335 Comb Cycle	-1				4													0	0	0	FALSE
3067	New No 344 Comb Cycle	-1				4													0	0	0	FALSE
3068	New No 345 Comb Cycle	-1				4													0	0	0	FALSE
3069	New No 353 Comb Cycle	-1				4													0	0	0	FALSE
3070	New No 354 Comb Cycle	-1				4													0	0	0	FALSE
3071	New No 355 Comb Cycle	-1				4													0	0	0	FALSE
3072	New No 361 Comb Cycle	-1				4													0	0	0	FALSE
3073	New No 363 Comb Cycle	-1				4													0	0	0	FALSE
3074	New No 364 Comb Cycle	-1				4													0	0	0	FALSE
3075	New No 365 Comb Cycle	-1				4													0	0	0	FALSE
3076	New No 376 Comb Cycle	-1				4													0	0	0	FALSE



Resource	Name	Min Down Time	UBB Heat Rate	UBB Bidding Factor	UBB Segment Size	Maintenance Rate	Maximum Storage	Recharge Capacity	Initial Contents	Shadow Bidding Adder	Shadow Bidding Resource	Mean Repair Time	Risk Outage	Risk Resource Link	Fuel Adder	Second Fuel Adder	Fuel Multiplier	Second Fuel Multiplier	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Reporting
3077	New No 383 Comb Cycle	-1				4													0	0	0	FALSE
3078	New No 384 Comb Cycle	-1				4													0	0	0	FALSE
3079	New No 385 Comb Cycle	-1				4													0	0	0	FALSE
3080	New No 393 Comb Cycle	-1				4													0	0	0	FALSE
3081	New No 395 Comb Cycle	-1				4													0	0	0	FALSE
3082	New No 396 Comb Cycle	-1				4													0	0	0	FALSE
3083	New No 404 Comb Cycle	-1				4													0	0	0	FALSE
3084	New No 405 Comb Cycle	-1				4													0	0	0	FALSE
3085	New No 406 Comb Cycle	-1				4													0	0	0	FALSE
3086	New No 407 Comb Cycle	-1				4													0	0	0	FALSE
3087	New No 416 Comb Cycle	-1				4													0	0	0	FALSE
3088	New No 417 Comb Cycle	-1				4													0	0	0	FALSE
3089	New No 418 Comb Cycle	-1				4													0	0	0	FALSE
3090	New No 462 Comb Cycle	-1				4													0	0	0	FALSE
3091	New No 466 Comb Cycle	-1				4													0	0	0	FALSE
3092	New No 467 Comb Cycle	-1				4													0	0	0	FALSE
3093	New No 469 Comb Cycle	-1				4													0	0	0	FALSE
3094	New No 470 Comb Cycle	-1				4													0	0	0	FALSE
3095	New No 471 Comb Cycle	-1				4													0	0	0	FALSE
3096	New No 472 Comb Cycle	-1				4													0	0	0	FALSE
3097	New No 473 Comb Cycle	-1				4													0	0	0	FALSE
3098	New No 474 Comb Cycle	-1				4													0	0	0	FALSE
3099	New No 475 Comb Cycle	-1				4													0	0	0	FALSE
3100	New No 476 Comb Cycle	-1				4													0	0	0	FALSE
3101	New No 477 Comb Cycle	-1				4													0	0	0	FALSE
3102	New No 478 Comb Cycle	-1				4													0	0	0	FALSE
3103	New No 479 Comb Cycle	-1				4													0	0	0	FALSE
3104	New No 480 Comb Cycle	-1				4													0	0	0	FALSE
3105	New No 481 Comb Cycle	-1				4													0	0	0	FALSE
3106	New No 482 Comb Cycle	-1				4													0	0	0	FALSE
3107	New No 483 Comb Cycle	-1				4													0	0	0	FALSE
3108	New No 484 Comb Cycle	-1				4													0	0	0	FALSE
3109	New No 485 Comb Cycle	-1				4													0	0	0	FALSE
3110	New No 486 Comb Cycle	-1				4													0	0	0	FALSE
3111	New No 487 Comb Cycle	-1				4													0	0	0	FALSE
3112	New No 488 Comb Cycle	-1				4													0	0	0	FALSE
3113	New No 489 Comb Cycle	-1				4													0	0	0	FALSE
3114	New No 490 Comb Cycle	-1				4													0	0	0	FALSE
3115	New No 491 Comb Cycle	-1				4													0	0	0	FALSE
3116	New No 496 Comb Cycle	-1				4													0	0	0	FALSE
3117	New No 497 Comb Cycle	-1				4													0	0	0	FALSE
3118	New No 498 Comb Cycle	-1				4													0	0	0	FALSE
3119	New No 500 Comb Cycle	-1				4													0	0	0	FALSE
3120	New No 503 Comb Cycle	-1				4													0	0	0	FALSE
3121	New No 504 Comb Cycle	-1				4													0	0	0	FALSE
3122	New No 505 Comb Cycle	-1				4													0	0	0	FALSE
3123	New No 507 Comb Cycle	-1				4													0	0	0	FALSE
3124	New No 511 Comb Cycle	-1				4													0	0	0	FALSE
3125	New No 512 Comb Cycle	-1				4													0	0	0	FALSE
3126	New No 513 Comb Cycle	-1				4													0	0	0	FALSE
3127	New No 516 Comb Cycle	-1				4													0	0	0	FALSE
3128	New No 517 Comb Cycle	-1				4													0	0	0	FALSE
3129	New No 518 Comb Cycle	-1				4													0	0	0	FALSE
3130	New No 519 Comb Cycle	-1				4													0	0	0	FALSE
3131	New No 521 Comb Cycle	-1				4													0	0	0	FALSE
3132	New No 523 Comb Cycle	-1				4													0	0	0	FALSE
3133	New No 524 Comb Cycle	-1				4													0	0	0	FALSE
3134	New No 525 Comb Cycle	-1				4													0	0	0	FALSE
3135	New No 539 Comb Cycle	-1				4													0	0	0	FALSE
3136	New No 540 Comb Cycle	-1				4													0	0	0	FALSE
3137	New No 543 Comb Cycle	-1				4													0	0	0	FALSE
3138	New No 545 Comb Cycle	-1				4													0	0	0	FALSE
3139	New No 546 Comb Cycle	-1				4													0	0	0	FALSE
3140	New No 547 Comb Cycle	-1				4													0	0	0	FALSE
3141	New No 548 Comb Cycle	-1				4													0	0	0	FALSE
3142	New No 553 Comb Cycle	-1				4													0	0	0	FALSE
3143	New No 554 Comb Cycle	-1				4													0	0	0	FALSE
3144	New No 555 Comb Cycle	-1				4													0	0	0	FALSE
3145	New No 566 Comb Cycle	-1				4													0	0	0	FALSE
3146	New No 567 Comb Cycle	-1				4													0	0	0	FALSE
3147	New No 568 Comb Cycle	-1				4													0	0	0	FALSE
3148	New No 584 Comb Cycle	-1				4													0	0	0	FALSE
3149	New No 585 Comb Cycle	-1				4													0	0	0	FALSE
3150	New No 586 Comb Cycle	-1				4													0	0	0	FALSE
3151	New No 587 Comb Cycle	-1				4													0	0	0	FALSE
3152	New No 588 Comb Cycle	-1				4													0	0	0	FALSE
3153	New No 590 Comb Cycle	-1				4													0	0	0	FALSE
3154	New No 591 Comb Cycle	-1				4													0	0	0	FALSE
3155	New No 592 Comb Cycle	-1				4													0	0	0	FALSE
3156	New No 593 Comb Cycle	-1				4													0	0	0	FALSE
3157	New No 595 Comb Cycle	-1				4													0	0	0	FALSE
3158	New No 596 Comb Cycle	-1				4													0	0	0	FALSE
3159	New No 597 Comb Cycle	-1				4													0	0	0	FALSE
3160	New No 598 Comb Cycle	-1				4													0	0	0	FALSE
3161	New No 600 Comb Cycle	-1				4													0	0	0	FALSE
3162	New No 601 Comb Cycle	-1				4													0	0	0	FALSE
3163	New No 603 Comb Cycle	-1				4													0	0	0	FALSE
3164	New No 605 Comb Cycle	-1				4													0	0	0	FALSE
3165	New No 606 Comb Cycle	-1				4													0	0	0	FALSE
3166	New No 608 Comb Cycle	-1				4													0	0	0	FALSE
3167	New No 610 Comb Cycle	-1				4													0	0	0	FALSE
3168	New No 611 Comb Cycle	-1				4													0	0	0	FALSE
3169	New No 612 Comb Cycle	-1				4													0	0	0	FALSE
3170	New No 613 Comb Cycle	-1				4													0	0	0	FALSE
3171	New No 614 Comb Cycle	-1				4													0	0	0	FALSE

Resource	Name	Utility	Heat Rate	Capacity	Fuel	Second Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Non Cycling	Must Run	Hydro Number	Minimum Capacity	Begin Date	End Date	Dropped Resource	Input New Resource	NPV Value	From New Resource	Resource Faxed	Resource Group	Capacity Month/Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time
3172	New No 615 Comb Cycle	na	6450	25000	97		3	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-24	31-Dec-49	0	3	1.879309	103	FALSE	2	-1	-1	-1	-1	-1	
3173	New No 616 Comb Cycle	na	6450	25000	97		3	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-24	31-Dec-49	0	3	1.879309	103	FALSE	2	-1	-1	-1	-1	-1	
3174	New No 623 Comb Cycle	na	6440	25000	97		3	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	3	0.9650704	103	FALSE	2	-1	-1	-1	-1	-1	
3175	New No 625 Comb Cycle	na	6440	25000	97		3	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	3	0.9650704	103	FALSE	2	-1	-1	-1	-1	-1	
3176	New No 626 Comb Cycle	na	6440	25000	97		3	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	3	0.9650704	103	FALSE	2	-1	-1	-1	-1	-1	
3177	New No 627 Comb Cycle	na	6440	25000	97		3	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	3	0.9650704	103	FALSE	2	-1	-1	-1	-1	-1	
3178	New No 628 Comb Cycle	na	6440	25000	97		3	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	3	0.9650704	103	FALSE	2	-1	-1	-1	-1	-1	
3179	New No 654 Comb Cycle	na	6500	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-27	31-Dec-49	0	4	-4.544881	104	FALSE	2	-1	-1	-1	-1	-1	
3180	New No 683 Comb Cycle	na	6680	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-10	31-Dec-49	0	4	-1.535464	104	FALSE	2	-1	-1	-1	-1	-1	
3181	New No 684 Comb Cycle	na	6680	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-10	31-Dec-49	0	4	-1.465093	104	FALSE	2	-1	-1	-1	-1	-1	
3182	New No 685 Comb Cycle	na	6680	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-10	31-Dec-49	0	4	-1.462403	104	FALSE	2	-1	-1	-1	-1	-1	
3183	New No 704 Comb Cycle	na	6640	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-12	31-Dec-49	0	4	3.102473	104	FALSE	2	-1	-1	-1	-1	-1	
3184	New No 719 Comb Cycle	na	6620	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-13	31-Dec-49	0	4	4.578736	104	FALSE	2	-1	-1	-1	-1	-1	
3185	New No 727 Comb Cycle	na	6600	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-14	31-Dec-49	0	4	4.65788	104	FALSE	2	-1	-1	-1	-1	-1	
3186	New No 732 Comb Cycle	na	6580	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-15	31-Dec-49	0	4	6.448194	104	FALSE	2	-1	-1	-1	-1	-1	
3187	New No 744 Comb Cycle	na	6560	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	4	5.596817	104	FALSE	2	-1	-1	-1	-1	-1	
3188	New No 754 Comb Cycle	na	6540	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-17	31-Dec-49	0	4	5.554999	104	FALSE	2	-1	-1	-1	-1	-1	
3189	New No 760 Comb Cycle	na	6540	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-17	31-Dec-49	0	4	5.559601	104	FALSE	2	-1	-1	-1	-1	-1	
3190	New No 774 Comb Cycle	na	6500	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-19	31-Dec-49	0	4	4.608217	104	FALSE	2	-1	-1	-1	-1	-1	
3191	New No 794 Comb Cycle	na	6480	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-21	31-Dec-49	0	4	0.708697	104	FALSE	2	-1	-1	-1	-1	-1	
3192	New No 806 Comb Cycle	na	6470	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-22	31-Dec-49	0	4	0.3162495	104	FALSE	2	-1	-1	-1	-1	-1	
3193	New No 807 Comb Cycle	na	6470	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-22	31-Dec-49	0	4	0.320815	104	FALSE	2	-1	-1	-1	-1	-1	
3194	New No 817 Comb Cycle	na	6460	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-23	31-Dec-49	0	4	-0.08774863	104	FALSE	2	-1	-1	-1	-1	-1	
3195	New No 837 Comb Cycle	na	6450	25000	92		4	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-23	31-Dec-49	0	4	0.537128	104	FALSE	2	-1	-1	-1	-1	-1	
3196	New No 1584 Comb Cycle	na	6560	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	8	-96.38148	108	FALSE	2	-1	-1	-1	-1	-1	
3197	New No 1585 Comb Cycle	na	6560	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	8	-96.18993	108	FALSE	2	-1	-1	-1	-1	-1	
3198	New No 1586 Comb Cycle	na	6560	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	8	-96.63748	108	FALSE	2	-1	-1	-1	-1	-1	
3199	New No 1587 Comb Cycle	na	6560	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	8	-96.54174	108	FALSE	2	-1	-1	-1	-1	-1	
3200	New No 1604 Comb Cycle	na	6520	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-18	31-Dec-49	0	8	-69.66063	108	FALSE	2	-1	-1	-1	-1	-1	
3201	New No 1606 Comb Cycle	na	6520	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-18	31-Dec-49	0	8	-69.43884	108	FALSE	2	-1	-1	-1	-1	-1	
3202	New No 1607 Comb Cycle	na	6520	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-18	31-Dec-49	0	8	-69.50921	108	FALSE	2	-1	-1	-1	-1	-1	
3203	New No 1614 Comb Cycle	na	6500	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-19	31-Dec-49	0	8	-57.08071	108	FALSE	2	-1	-1	-1	-1	-1	
3204	New No 1619 Comb Cycle	na	6480	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-19	31-Dec-49	0	8	-57.06768	108	FALSE	2	-1	-1	-1	-1	-1	
3205	New No 1624 Comb Cycle	na	6490	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	8	-45.12131	108	FALSE	2	-1	-1	-1	-1	-1	
3206	New No 1625 Comb Cycle	na	6490	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	8	-45.05467	108	FALSE	2	-1	-1	-1	-1	-1	
3207	New No 1626 Comb Cycle	na	6490	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	8	-45.30701	108	FALSE	2	-1	-1	-1	-1	-1	
3208	New No 1627 Comb Cycle	na	6490	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	8	-45.13757	108	FALSE	2	-1	-1	-1	-1	-1	
3209	New No 1631 Comb Cycle	na	6480	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-21	31-Dec-49	0	8	-33.34467	108	FALSE	2	-1	-1	-1	-1	-1	
3210	New No 1632 Comb Cycle	na	6480	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-21	31-Dec-49	0	8	-34.22734	108	FALSE	2	-1	-1	-1	-1	-1	
3211	New No 1638 Comb Cycle	na	6480	25000	93		8	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-21	31-Dec-49	0	8	-34.27804	108	FALSE	2	-1	-1	-1	-1	-1	
3212	New No 1752 Comb Cycle	na	6640	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-12	31-Dec-49	0	9	-6.053874	109	FALSE	2	-1	-1	-1	-1	-1	
3213	New No 1754 Comb Cycle	na	6640	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-12	31-Dec-49	0	9	-7.466162	109	FALSE	2	-1	-1	-1	-1	-1	
3214	New No 1757 Comb Cycle	na	6640	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-12	31-Dec-49	0	9	-7.196995	109	FALSE	2	-1	-1	-1	-1	-1	
3215	New No 1778 Comb Cycle	na	6600	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-14	31-Dec-49	0	9	-3.187282	109	FALSE	2	-1	-1	-1	-1	-1	
3216	New No 1782 Comb Cycle	na	6580	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-15	31-Dec-49	0	9	-1.789351	109	FALSE	2	-1	-1	-1	-1	-1	
3217	New No 1797 Comb Cycle	na	6560	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	9	0.3624794	109	FALSE	2	-1	-1	-1	-1	-1	
3218	New No 1804 Comb Cycle	na	6540	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-17	31-Dec-49	0	9	-0.5196576	109	FALSE	2	-1	-1	-1	-1	-1	
3219	New No 1812 Comb Cycle	na	6520	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-18	31-Dec-49	0	9	0.2160612	109	FALSE	2	-1	-1	-1	-1	-1	
3220	New No 1814 Comb Cycle	na	6520	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-18	31-Dec-49	0	9	0.1373159	109	FALSE	2	-1	-1	-1	-1	-1	
3221	New No 1832 Comb Cycle	na	6490	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	9	0.2846161	109	FALSE	2	-1	-1	-1	-1	-1	
3222	New No 1834 Comb Cycle	na	6490	25000	77		9	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	9	0.1784889	109	FALSE	2	-1	-1	-1	-1	-1	
3223	New No 1835 Comb Cycle	na	6490	25000																										

Resource	Name	Min Down Time	UBB Heat Rate	UBB Bidding Factor	UBB Segment Size	Maintenance Rate	Maximum Storage	Recharge Capacity	Initial Contents	Shadow Bidding Adder	Shadow Bidding Resource	Mean Repair Time	Risk Outage	Risk Resource Link	Fuel Adder	Second Fuel Adder	Fuel Multiplier	Second Fuel Multiplier	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Reporting
3172	New No 615 Comb Cycle	-1				4													0	0	0	FALSE
3173	New No 616 Comb Cycle	-1				4													0	0	0	FALSE
3174	New No 623 Comb Cycle	-1				4													0	0	0	FALSE
3175	New No 625 Comb Cycle	-1				4													0	0	0	FALSE
3176	New No 626 Comb Cycle	-1				4													0	0	0	FALSE
3177	New No 627 Comb Cycle	-1				4													0	0	0	FALSE
3178	New No 628 Comb Cycle	-1				4													0	0	0	FALSE
3179	New No 654 Comb Cycle	-1				4													0	0	0	FALSE
3180	New No 683 Comb Cycle	-1				4													0	0	0	FALSE
3181	New No 684 Comb Cycle	-1				4													0	0	0	FALSE
3182	New No 685 Comb Cycle	-1				4													0	0	0	FALSE
3183	New No 704 Comb Cycle	-1				4													0	0	0	FALSE
3184	New No 719 Comb Cycle	-1				4													0	0	0	FALSE
3185	New No 727 Comb Cycle	-1				4													0	0	0	FALSE
3186	New No 732 Comb Cycle	-1				4													0	0	0	FALSE
3187	New No 744 Comb Cycle	-1				4													0	0	0	FALSE
3188	New No 754 Comb Cycle	-1				4													0	0	0	FALSE
3189	New No 780 Comb Cycle	-1				4													0	0	0	FALSE
3190	New No 774 Comb Cycle	-1				4													0	0	0	FALSE
3191	New No 794 Comb Cycle	-1				4													0	0	0	FALSE
3192	New No 806 Comb Cycle	-1				4													0	0	0	FALSE
3193	New No 807 Comb Cycle	-1				4													0	0	0	FALSE
3194	New No 817 Comb Cycle	-1				4													0	0	0	FALSE
3195	New No 827 Comb Cycle	-1				4													0	0	0	FALSE
3196	New No 1584 Comb Cycle	-1				4													0	0	0	FALSE
3197	New No 1585 Comb Cycle	-1				4													0	0	0	FALSE
3198	New No 1586 Comb Cycle	-1				4													0	0	0	FALSE
3199	New No 1587 Comb Cycle	-1				4													0	0	0	FALSE
3200	New No 1604 Comb Cycle	-1				4													0	0	0	FALSE
3201	New No 1606 Comb Cycle	-1				4													0	0	0	FALSE
3202	New No 1607 Comb Cycle	-1				4													0	0	0	FALSE
3203	New No 1614 Comb Cycle	-1				4													0	0	0	FALSE
3204	New No 1619 Comb Cycle	-1				4													0	0	0	FALSE
3205	New No 1624 Comb Cycle	-1				4													0	0	0	FALSE
3206	New No 1625 Comb Cycle	-1				4													0	0	0	FALSE
3207	New No 1626 Comb Cycle	-1				4													0	0	0	FALSE
3208	New No 1627 Comb Cycle	-1				4													0	0	0	FALSE
3209	New No 1631 Comb Cycle	-1				4													0	0	0	FALSE
3210	New No 1632 Comb Cycle	-1				4													0	0	0	FALSE
3211	New No 1638 Comb Cycle	-1				4													0	0	0	FALSE
3212	New No 1752 Comb Cycle	-1				4													0	0	0	FALSE
3213	New No 1754 Comb Cycle	-1				4													0	0	0	FALSE
3214	New No 1757 Comb Cycle	-1				4													0	0	0	FALSE
3215	New No 1778 Comb Cycle	-1				4													0	0	0	FALSE
3216	New No 1782 Comb Cycle	-1				4													0	0	0	FALSE
3217	New No 1797 Comb Cycle	-1				4													0	0	0	FALSE
3218	New No 1804 Comb Cycle	-1				4													0	0	0	FALSE
3219	New No 1812 Comb Cycle	-1				4													0	0	0	FALSE
3220	New No 1814 Comb Cycle	-1				4													0	0	0	FALSE
3221	New No 1832 Comb Cycle	-1				4													0	0	0	FALSE
3222	New No 1834 Comb Cycle	-1				4													0	0	0	FALSE
3223	New No 1835 Comb Cycle	-1				4													0	0	0	FALSE
3224	New No 1845 Comb Cycle	-1				4													0	0	0	FALSE
3225	New No 1956 Comb Cycle	-1				4													0	0	0	FALSE
3226	New No 1957 Comb Cycle	-1				4													0	0	0	FALSE
3227	New No 1958 Comb Cycle	-1				4													0	0	0	FALSE
3228	New No 1967 Comb Cycle	-1				4													0	0	0	FALSE
3229	New No 1976 Comb Cycle	-1				4													0	0	0	FALSE
3230	New No 1977 Comb Cycle	-1				4													0	0	0	FALSE
3231	New No 1980 Comb Cycle	-1				4													0	0	0	FALSE
3232	New No 1983 Comb Cycle	-1				4													0	0	0	FALSE
3233	New No 1984 Comb Cycle	-1				4													0	0	0	FALSE
3234	New No 1985 Comb Cycle	-1				4													0	0	0	FALSE
3235	New No 1988 Comb Cycle	-1				4													0	0	0	FALSE
3236	New No 1991 Comb Cycle	-1				4													0	0	0	FALSE
3237	New No 1992 Comb Cycle	-1				4													0	0	0	FALSE
3238	New No 1993 Comb Cycle	-1				4													0	0	0	FALSE
3239	New No 2006 Comb Cycle	-1				4													0	0	0	FALSE
3240	New No 2007 Comb Cycle	-1				4													0	0	0	FALSE
3241	New No 2009 Comb Cycle	-1				4													0	0	0	FALSE
3242	New No 2014 Comb Cycle	-1				4													0	0	0	FALSE
3243	New No 2015 Comb Cycle	-1				4													0	0	0	FALSE
3244	New No 2016 Comb Cycle	-1				4													0	0	0	FALSE
3245	New No 2017 Comb Cycle	-1				4													0	0	0	FALSE
3246	New No 2018 Comb Cycle	-1				4													0	0	0	FALSE
3247	New No 2020 Comb Cycle	-1				4													0	0	0	FALSE
3248	New No 2022 Comb Cycle	-1				4													0	0	0	FALSE
3249	New No 2026 Comb Cycle	-1				4													0	0	0	FALSE
3250	New No 2027 Comb Cycle	-1				4													0	0	0	FALSE
3251	New No 2028 Comb Cycle	-1				4													0	0	0	FALSE
3252	New No 2030 Comb Cycle	-1				4													0	0	0	FALSE
3253	New No 2036 Comb Cycle	-1				4													0	0	0	FALSE
3254	New No 2037 Comb Cycle	-1				4													0	0	0	FALSE
3255	New No 2038 Comb Cycle	-1				4													0	0	0	FALSE
3256	New No 2040 Comb Cycle	-1				4													0	0	0	FALSE
3257	New No 2046 Comb Cycle	-1				4													0	0	0	FALSE
3258	New No 2047 Comb Cycle	-1				4													0	0	0	FALSE
3259	New No 2048 Comb Cycle	-1				4													0	0	0	FALSE
3260	New No 2049 Comb Cycle	-1				4													0	0	0	FALSE
3261	New No 2050 Comb Cycle	-1				4													0	0	0	FALSE
3262	New No 2055 Comb Cycle	-1				4													0	0	0	FALSE
3263	New No 2056 Comb Cycle	-1				4													0	0	0	FALSE
3264	New No 2061 Comb Cycle	-1				4													0	0	0	FALSE
3265	New No 2062 Comb Cycle	-1				4													0	0	0	FALSE
3266	New No 2063 Comb Cycle	-1				4													0	0	0	FALSE

Resource	Name	Utility	Heat Rate	Capacity	Fuel	Second Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Non Cycling	Must Run	Hydro Number	Minimum Capacity	Begin Date	End Date	Dropped Resource	Input New Resource	NPV Value	From New Resource	Resource Faxed	Resource Group	Capacity Month/Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time											
3267	New No 2065 Comb Cycle	na	6470	25000	74	10	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-22	31-Dec-49	0	10	0.1806862	110	FALSE	2	-1	-1	-1	-1	-1	-1												
3268	New No 2094 Comb Cycle	na	6440	25000	74	10	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	10	0.2766044	110	FALSE	2	-1	-1	-1	-1	-1	-1	-1											
3269	New No 2387 Comb Cycle	na	6640	25000	76	12	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-12	31-Dec-49	0	12	11.29888	112	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1										
3270	New No 2424 Comb Cycle	na	6560	25000	76	12	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	12	5.817694	112	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1									
3271	New No 2507 Comb Cycle	na	6500	25000	76	12	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-19	31-Dec-49	0	12	-0.7893786	112	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1									
3272	New No 2465 Comb Cycle	na	6490	25000	76	12	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	12	-0.8369926	112	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1								
3273	New No 2530 Comb Cycle	na	6780	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-05	31-Dec-49	0	13	-16.51207	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1								
3274	New No 2534 Comb Cycle	na	6767	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-06	31-Dec-49	0	13	-13.10497	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1							
3275	New No 2537 Comb Cycle	na	6760	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-06	31-Dec-49	0	13	-13.07491	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1						
3276	New No 2644 Comb Cycle	na	6700	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-09	31-Dec-49	0	13	-11.16699	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1					
3277	New No 2577 Comb Cycle	na	6680	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-10	31-Dec-49	0	13	-9.562952	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1					
3278	New No 2585 Comb Cycle	na	6660	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-11	31-Dec-49	0	13	-7.894861	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1				
3279	New No 2587 Comb Cycle	na	6660	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-11	31-Dec-49	0	13	-7.918478	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1				
3280	New No 2592 Comb Cycle	na	6640	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-12	31-Dec-49	0	13	-6.396405	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1				
3281	New No 2607 Comb Cycle	na	6620	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-13	31-Dec-49	0	13	-4.769787	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1				
3282	New No 2614 Comb Cycle	na	6600	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-14	31-Dec-49	0	13	-3.689826	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3283	New No 2617 Comb Cycle	na	6600	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-14	31-Dec-49	0	13	-3.743721	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3284	New No 2632 Comb Cycle	na	6560	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-16	31-Dec-49	0	13	0.1545626	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3285	New No 2649 Comb Cycle	na	6540	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-17	31-Dec-49	0	13	1.307613	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3286	New No 2677 Comb Cycle	na	6490	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-20	31-Dec-49	0	13	-0.3245383	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3287	New No 2687 Comb Cycle	na	6480	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-21	31-Dec-49	0	13	-1.498725	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3288	New No 2693 Comb Cycle	na	6470	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-22	31-Dec-49	0	13	-1.530184	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3289	New No 2694 Comb Cycle	na	6470	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-22	31-Dec-49	0	13	-1.529984	113	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
3290	New No 2724 Comb Cycle	na	6740	25000	92	13	0.8	1839	02-Jan-81	01-Jan-81	4	5	0	0	20	01-Jan-25	31-Dec-49	0	13	0.2610995	203	FALSE	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3291	New No 3346 Simple Cycle	na	10878	80000	111	3	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-24	31-Dec-49	0	16	-3.758941	203	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
3292	New No 3348 Simple Cycle	na	10878	80000	111	3	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-24	31-Dec-49	0	16	-3.37108	203	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
3293	New No 3350 Simple Cycle	na	10878	80000	111	3	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-24	31-Dec-49	0	16	-3.371905	203	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
3294	New No 3351 Simple Cycle	na	10878	80000	111	3	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-25	31-Dec-49	0	16	-1.205273	203	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
3295	New No 3352 Simple Cycle	na	10878	80000	111	3	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-25	31-Dec-49	0	16	-1.665311	203	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
3296	New No 3353 Simple Cycle	na	10878	80000	111	3	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-25	31-Dec-49	0	16	-1.665311	203	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
3297	New No 3354 Simple Cycle	na	10878	80000	111	3	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-25	31-Dec-49	0	16	-1.664837	203	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
3298	New No 3355 Simple Cycle	na	10878	80000	111	3	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-25	31-Dec-49	0	16	-1.664432	203	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
3299	New No 3371 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	497.279	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
3300	New No 3372 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	497.1663	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
3301	New No 3373 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	497.3754	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
3302	New No 3374 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	497.5794	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
3303	New No 3375 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	497.4771	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
3304	New No 3376 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	496.7161	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3305	New No 3377 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	496.4855	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3306	New No 3378 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	496.8285	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3307	New No 3379 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05	31-Dec-49	0	18	497.0412	205	FALSE	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3308	New No 3380 Simple Cycle	na	11438	80000	108	5	0.1	1020	02-Jan-81	01-Jan-81	6.5	0	0	0	10	01-Jan-05																									



Resource	Name	Min Down Time	UBB Heat Rate	UBB Bidding Factor	UBB Segment Size	Maintenance Rate	Maximum Storage	Recharge Capacity	Initial Contents	Shadow Bidding Adder	Shadow Bidding Resource	Mean Repair Time	Risk Outage	Risk Resource Link	Fuel Adder	Second Fuel Adder	Fuel Multiplier	Second Fuel Multiplier	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Reporting
3267	New No 2065 Comb Cycle	-1				4													0	0	0	FALSE
3268	New No 2094 Comb Cycle	-1				4													0	0	0	FALSE
3269	New No 2387 Comb Cycle	-1				4													0	0	0	FALSE
3270	New No 2424 Comb Cycle	-1				4													0	0	0	FALSE
3271	New No 2457 Comb Cycle	-1				4													0	0	0	FALSE
3272	New No 2465 Comb Cycle	-1				4													0	0	0	FALSE
3273	New No 2530 Comb Cycle	-1				4													0	0	0	FALSE
3274	New No 2534 Comb Cycle	-1				4													0	0	0	FALSE
3275	New No 2537 Comb Cycle	-1				4													0	0	0	FALSE
3276	New No 2564 Comb Cycle	-1				4													0	0	0	FALSE
3277	New No 2577 Comb Cycle	-1				4													0	0	0	FALSE
3278	New No 2585 Comb Cycle	-1				4													0	0	0	FALSE
3279	New No 2587 Comb Cycle	-1				4													0	0	0	FALSE
3280	New No 2592 Comb Cycle	-1				4													0	0	0	FALSE
3281	New No 2607 Comb Cycle	-1				4													0	0	0	FALSE
3282	New No 2614 Comb Cycle	-1				4													0	0	0	FALSE
3283	New No 2617 Comb Cycle	-1				4													0	0	0	FALSE
3284	New No 2632 Comb Cycle	-1				4													0	0	0	FALSE
3285	New No 2649 Comb Cycle	-1				4													0	0	0	FALSE
3286	New No 2677 Comb Cycle	-1				4													0	0	0	FALSE
3287	New No 2687 Comb Cycle	-1				4													0	0	0	FALSE
3288	New No 2693 Comb Cycle	-1				4													0	0	0	FALSE
3289	New No 2694 Comb Cycle	-1				4													0	0	0	FALSE
3290	New No 2724 Comb Cycle	-1				4													0	0	0	FALSE
3291	New No 3346 Simple Cycle	-1				6.5													0	0	0	FALSE
3292	New No 3348 Simple Cycle	-1				6.5													0	0	0	FALSE
3293	New No 3350 Simple Cycle	-1				6.5													0	0	0	FALSE
3294	New No 3351 Simple Cycle	-1				6.5													0	0	0	FALSE
3295	New No 3352 Simple Cycle	-1				6.5													0	0	0	FALSE
3296	New No 3353 Simple Cycle	-1				6.5													0	0	0	FALSE
3297	New No 3354 Simple Cycle	-1				6.5													0	0	0	FALSE
3298	New No 3355 Simple Cycle	-1				6.5													0	0	0	FALSE
3299	New No 3371 Simple Cycle	-1				6.5													0	0	0	FALSE
3300	New No 3372 Simple Cycle	-1				6.5													0	0	0	FALSE
3301	New No 3373 Simple Cycle	-1				6.5													0	0	0	FALSE
3302	New No 3374 Simple Cycle	-1				6.5													0	0	0	FALSE
3303	New No 3375 Simple Cycle	-1				6.5													0	0	0	FALSE
3304	New No 3376 Simple Cycle	-1				6.5													0	0	0	FALSE
3305	New No 3377 Simple Cycle	-1				6.5													0	0	0	FALSE
3306	New No 3378 Simple Cycle	-1				6.5													0	0	0	FALSE
3307	New No 3379 Simple Cycle	-1				6.5													0	0	0	FALSE
3308	New No 3380 Simple Cycle	-1				6.5													0	0	0	FALSE
3309	New No 3381 Simple Cycle	-1				6.5													0	0	0	FALSE
3310	New No 3382 Simple Cycle	-1				6.5													0	0	0	FALSE
3311	New No 3383 Simple Cycle	-1				6.5													0	0	0	FALSE
3312	New No 3384 Simple Cycle	-1				6.5													0	0	0	FALSE
3313	New No 3385 Simple Cycle	-1				6.5													0	0	0	FALSE
3314	New No 3386 Simple Cycle	-1				6.5													0	0	0	FALSE
3315	New No 3387 Simple Cycle	-1				6.5													0	0	0	FALSE
3316	New No 3388 Simple Cycle	-1				6.5													0	0	0	FALSE
3317	New No 3389 Simple Cycle	-1				6.5													0	0	0	FALSE
3318	New No 3390 Simple Cycle	-1				6.5													0	0	0	FALSE
3319	New No 3391 Simple Cycle	-1				6.5													0	0	0	FALSE
3320	New No 3392 Simple Cycle	-1				6.5													0	0	0	FALSE
3321	New No 3393 Simple Cycle	-1				6.5													0	0	0	FALSE
3322	New No 3394 Simple Cycle	-1				6.5													0	0	0	FALSE
3323	New No 3395 Simple Cycle	-1				6.5													0	0	0	FALSE
3324	New No 3396 Simple Cycle	-1				6.5													0	0	0	FALSE
3325	New No 3397 Simple Cycle	-1				6.5													0	0	0	FALSE
3326	New No 3398 Simple Cycle	-1				6.5													0	0	0	FALSE
3327	New No 3399 Simple Cycle	-1				6.5													0	0	0	FALSE
3328	New No 3600 Simple Cycle	-1				6.5													0	0	0	FALSE
3329	New No 3601 Simple Cycle	-1				6.5													0	0	0	FALSE
3330	New No 3602 Simple Cycle	-1				6.5													0	0	0	FALSE
3331	New No 3603 Simple Cycle	-1				6.5													0	0	0	FALSE
3332	New No 3604 Simple Cycle	-1				6.5													0	0	0	FALSE
3333	New No 3605 Simple Cycle	-1				6.5													0	0	0	FALSE
3334	New No 3606 Simple Cycle	-1				6.5													0	0	0	FALSE
3335	New No 3607 Simple Cycle	-1				6.5													0	0	0	FALSE
3336	New No 3608 Simple Cycle	-1				6.5													0	0	0	FALSE
3337	New No 3609 Simple Cycle	-1				6.5													0	0	0	FALSE
3338	New No 3610 Simple Cycle	-1				6.5													0	0	0	FALSE
3339	New No 3611 Simple Cycle	-1				6.5													0	0	0	FALSE
3340	New No 3612 Simple Cycle	-1				6.5													0	0	0	FALSE
3341	New No 3613 Simple Cycle	-1				6.5													0	0	0	FALSE
3342	New No 3614 Simple Cycle	-1				6.5													0	0	0	FALSE
3343	New No 3615 Simple Cycle	-1				6.5													0	0	0	FALSE
3344	New No 3616 Simple Cycle	-1				6.5													0	0	0	FALSE
3345	New No 3617 Simple Cycle	-1				6.5													0	0	0	FALSE
3346	New No 3618 Simple Cycle	-1				6.5													0	0	0	FALSE
3347	New No 3619 Simple Cycle	-1				6.5													0	0	0	FALSE
3348	New No 3620 Simple Cycle	-1				6.5													0	0	0	FALSE
3349	New No 3621 Simple Cycle	-1				6.5													0	0	0	FALSE
3350	New No 3622 Simple Cycle	-1				6.5													0	0	0	FALSE
3351	New No 3623 Simple Cycle	-1				6.5													0	0	0	FALSE
3352	New No 3624 Simple Cycle	-1				6.5													0	0	0	FALSE
3353	New No 3625 Simple Cycle	-1				6.5													0	0	0	FALSE
3354	New No 3626 Simple Cycle	-1				6.5													0	0	0	FALSE
3355	New No 3627 Simple Cycle	-1				6.5													0	0	0	FALSE
3356	New No 3628 Simple Cycle	-1				6.5													0	0	0	FALSE
3357	New No 3629 Simple Cycle	-1				6.5													0	0	0	FALSE
3358	New No 3630 Simple Cycle	-1				6.5													0	0	0	FALSE
3359	New No 3631 Simple Cycle	-1				6.5													0	0	0	FALSE
3360	New No 3632 Simple Cycle	-1				6.5													0	0	0	FALSE
3361	New No 3633 Simple Cycle	-1				6.5													0	0	0	FALSE



Resource	Name	Min Down Time	UBB Heat Rate	UBB Bidding Factor	UBB Segment Size	Maintenance Rate	Maximum Storage	Recharge Capacity	Initial Contents	Shadow Bidding Adder	Shadow Bidding Resource	Mean Repair Time	Risk Outage	Risk Resource Link	Fuel Adder	Second Fuel Adder	Fuel Multiplier	Second Fuel Multiplier	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Reporting
3362	New No 3636 Simple Cycle	-1				6.5													0	0	0	FALSE
3363	New No 3637 Simple Cycle	-1				6.5													0	0	0	FALSE
3364	New No 3638 Simple Cycle	-1				6.5													0	0	0	FALSE
3365	New No 3639 Simple Cycle	-1				6.5													0	0	0	FALSE
3366	New No 3640 Simple Cycle	-1				6.5													0	0	0	FALSE
3367	New No 3664 Simple Cycle	-1				6.5													0	0	0	FALSE
3368	New No 3674 Simple Cycle	-1				6.5													0	0	0	FALSE
3369	New No 3684 Simple Cycle	-1				6.5													0	0	0	FALSE
3370	New No 3685 Simple Cycle	-1				6.5													0	0	0	FALSE
3371	New No 3704 Simple Cycle	-1				6.5													0	0	0	FALSE
3372	New No 3714 Simple Cycle	-1				6.5													0	0	0	FALSE
3373	New No 3719 Simple Cycle	-1				6.5													0	0	0	FALSE
3374	New No 3724 Simple Cycle	-1				6.5													0	0	0	FALSE
3375	New No 3777 Simple Cycle	-1				6.5													0	0	0	FALSE
3376	New No 3781 Simple Cycle	-1				6.5													0	0	0	FALSE
3377	New No 3782 Simple Cycle	-1				6.5													0	0	0	FALSE
3378	New No 3783 Simple Cycle	-1				6.5													0	0	0	FALSE
3379	New No 3784 Simple Cycle	-1				6.5													0	0	0	FALSE
3380	New No 3785 Simple Cycle	-1				6.5													0	0	0	FALSE
3381	New No 3786 Simple Cycle	-1				6.5													0	0	0	FALSE
3382	New No 3787 Simple Cycle	-1				6.5													0	0	0	FALSE
3383	New No 3788 Simple Cycle	-1				6.5													0	0	0	FALSE
3384	New No 3789 Simple Cycle	-1				6.5													0	0	0	FALSE
3385	New No 3790 Simple Cycle	-1				6.5													0	0	0	FALSE
3386	New No 3791 Simple Cycle	-1				6.5													0	0	0	FALSE
3387	New No 3792 Simple Cycle	-1				6.5													0	0	0	FALSE
3388	New No 3793 Simple Cycle	-1				6.5													0	0	0	FALSE
3389	New No 3794 Simple Cycle	-1				6.5													0	0	0	FALSE
3390	New No 3795 Simple Cycle	-1				6.5													0	0	0	FALSE
3391	New No 3796 Simple Cycle	-1				6.5													0	0	0	FALSE
3392	New No 3797 Simple Cycle	-1				6.5													0	0	0	FALSE
3393	New No 3798 Simple Cycle	-1				6.5													0	0	0	FALSE
3394	New No 3799 Simple Cycle	-1				6.5													0	0	0	FALSE
3395	New No 3800 Simple Cycle	-1				6.5													0	0	0	FALSE
3396	New No 3801 Simple Cycle	-1				6.5													0	0	0	FALSE
3397	New No 3802 Simple Cycle	-1				6.5													0	0	0	FALSE
3398	New No 3803 Simple Cycle	-1				6.5													0	0	0	FALSE
3399	New No 3804 Simple Cycle	-1				6.5													0	0	0	FALSE
3400	New No 3805 Simple Cycle	-1				6.5													0	0	0	FALSE
3401	New No 3806 Simple Cycle	-1				6.5													0	0	0	FALSE
3402	New No 3807 Simple Cycle	-1				6.5													0	0	0	FALSE
3403	New No 3808 Simple Cycle	-1				6.5													0	0	0	FALSE
3404	New No 3809 Simple Cycle	-1				6.5													0	0	0	FALSE
3405	New No 3810 Simple Cycle	-1				6.5													0	0	0	FALSE
3406	New No 3811 Simple Cycle	-1				6.5													0	0	0	FALSE
3407	New No 3812 Simple Cycle	-1				6.5													0	0	0	FALSE
3408	New No 3813 Simple Cycle	-1				6.5													0	0	0	FALSE
3409	New No 3815 Simple Cycle	-1				6.5													0	0	0	FALSE
3410	New No 3816 Simple Cycle	-1				6.5													0	0	0	FALSE
3411	New No 3817 Simple Cycle	-1				6.5													0	0	0	FALSE
3412	New No 3818 Simple Cycle	-1				6.5													0	0	0	FALSE
3413	New No 3819 Simple Cycle	-1				6.5													0	0	0	FALSE
3414	New No 3820 Simple Cycle	-1				6.5													0	0	0	FALSE
3415	New No 3894 Simple Cycle	-1				6.5													0	0	0	FALSE
3416	New No 3902 Simple Cycle	-1				6.5													0	0	0	FALSE
3417	New No 3937 Simple Cycle	-1				6.5													0	0	0	FALSE
3418	New No 3984 Simple Cycle	-1				6.5													0	0	0	FALSE
3419	New No 3991 Simple Cycle	-1				6.5													0	0	0	FALSE
3420	New No 3992 Simple Cycle	-1				6.5													0	0	0	FALSE
3421	New No 3993 Simple Cycle	-1				6.5													0	0	0	FALSE
3422	New No 3994 Simple Cycle	-1				6.5													0	0	0	FALSE
3423	New No 3995 Simple Cycle	-1				6.5													0	0	0	FALSE
3424	New No 3996 Simple Cycle	-1				6.5													0	0	0	FALSE
3425	New No 3997 Simple Cycle	-1				6.5													0	0	0	FALSE
3426	New No 3998 Simple Cycle	-1				6.5													0	0	0	FALSE
3427	New No 3999 Simple Cycle	-1				6.5													0	0	0	FALSE
3428	New No 4000 Simple Cycle	-1				6.5													0	0	0	FALSE
3429	New No 4001 Simple Cycle	-1				6.5													0	0	0	FALSE
3430	New No 4002 Simple Cycle	-1				6.5													0	0	0	FALSE
3431	New No 4003 Simple Cycle	-1				6.5													0	0	0	FALSE
3432	New No 4004 Simple Cycle	-1				6.5													0	0	0	FALSE
3433	New No 4005 Simple Cycle	-1				6.5													0	0	0	FALSE
3434	New No 4006 Simple Cycle	-1				6.5													0	0	0	FALSE
3435	New No 4007 Simple Cycle	-1				6.5													0	0	0	FALSE
3436	New No 4008 Simple Cycle	-1				6.5													0	0	0	FALSE
3437	New No 4009 Simple Cycle	-1				6.5													0	0	0	FALSE
3438	New No 4010 Simple Cycle	-1				6.5													0	0	0	FALSE
3439	New No 4011 Simple Cycle	-1				6.5													0	0	0	FALSE
3440	New No 4012 Simple Cycle	-1				6.5													0	0	0	FALSE
3441	New No 4013 Simple Cycle	-1				6.5													0	0	0	FALSE
3442	New No 4014 Simple Cycle	-1				6.5													0	0	0	FALSE
3443	New No 4015 Simple Cycle	-1				6.5													0	0	0	FALSE
3444	New No 4016 Simple Cycle	-1				6.5													0	0	0	FALSE
3445	New No 4017 Simple Cycle	-1				6.5													0	0	0	FALSE
3446	New No 4018 Simple Cycle	-1				6.5													0	0	0	FALSE
3447	New No 4019 Simple Cycle	-1				6.5													0	0	0	FALSE
3448	New No 4020 Simple Cycle	-1				6.5													0	0	0	FALSE
3449	New No 4021 Simple Cycle	-1				6.5													0	0	0	FALSE
3450	New No 4022 Simple Cycle	-1				6.5													0	0	0	FALSE
3451	New No 4023 Simple Cycle	-1				6.5													0	0	0	FALSE
3452	New No 4024 Simple Cycle	-1				6.5													0	0	0	FALSE
3453	New No 4025 Simple Cycle	-1				6.5													0	0	0	FALSE
3454	New No 4026 Simple Cycle	-1				6.5													0	0	0	FALSE
3455	New No 4027 Simple Cycle	-1				6.5													0	0	0	FALSE
3456	New No 4028 Simple Cycle	-1				6.5													0	0	0	FALSE



Resource	Name	Min Down Time	UBB Heat Rate	UBB Bidding Factor	UBB Segment Size	Maintenance Rate	Maximum Storage	Recharge Capacity	Initial Contents	Shadow Bidding Adder	Shadow Bidding Resource	Mean Repair Time	Risk Outage	Risk Resource Link	Fuel Adder	Second Fuel Adder	Fuel Multiplier	Second Fuel Multiplier	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Reporting
3457	New No 4029 Simple Cycle	-1				6.5													0	0	0	FALSE
3458	New No 4030 Simple Cycle	-1				6.5													0	0	0	FALSE
3459	New No 4031 Simple Cycle	-1				6.5													0	0	0	FALSE
3460	New No 4032 Simple Cycle	-1				6.5													0	0	0	FALSE
3461	New No 4033 Simple Cycle	-1				6.5													0	0	0	FALSE
3462	New No 4034 Simple Cycle	-1				6.5													0	0	0	FALSE
3463	New No 4035 Simple Cycle	-1				6.5													0	0	0	FALSE
3464	New No 4036 Simple Cycle	-1				6.5													0	0	0	FALSE
3465	New No 4037 Simple Cycle	-1				6.5													0	0	0	FALSE
3466	New No 4038 Simple Cycle	-1				6.5													0	0	0	FALSE
3467	New No 4039 Simple Cycle	-1				6.5													0	0	0	FALSE
3468	New No 4040 Simple Cycle	-1				6.5													0	0	0	FALSE
3469	New No 4041 Simple Cycle	-1				6.5													0	0	0	FALSE
3470	New No 4042 Simple Cycle	-1				6.5													0	0	0	FALSE
3471	New No 4043 Simple Cycle	-1				6.5													0	0	0	FALSE
3472	New No 4044 Simple Cycle	-1				6.5													0	0	0	FALSE
3473	New No 4045 Simple Cycle	-1				6.5													0	0	0	FALSE
3474	New No 4046 Simple Cycle	-1				6.5													0	0	0	FALSE
3475	New No 4047 Simple Cycle	-1				6.5													0	0	0	FALSE
3476	New No 4048 Simple Cycle	-1				6.5													0	0	0	FALSE
3477	New No 4049 Simple Cycle	-1				6.5													0	0	0	FALSE
3478	New No 4050 Simple Cycle	-1				6.5													0	0	0	FALSE
3479	New No 4051 Simple Cycle	-1				6.5													0	0	0	FALSE
3480	New No 4052 Simple Cycle	-1				6.5													0	0	0	FALSE
3481	New No 4053 Simple Cycle	-1				6.5													0	0	0	FALSE
3482	New No 4054 Simple Cycle	-1				6.5													0	0	0	FALSE
3483	New No 4055 Simple Cycle	-1				6.5													0	0	0	FALSE
3484	New No 4056 Simple Cycle	-1				6.5													0	0	0	FALSE
3485	New No 4057 Simple Cycle	-1				6.5													0	0	0	FALSE
3486	New No 4058 Simple Cycle	-1				6.5													0	0	0	FALSE
3487	New No 4059 Simple Cycle	-1				6.5													0	0	0	FALSE
3488	New No 4060 Simple Cycle	-1				6.5													0	0	0	FALSE
3489	New No 4063 Simple Cycle	-1				6.5													0	0	0	FALSE
3490	New No 4064 Simple Cycle	-1				6.5													0	0	0	FALSE
3491	New No 4065 Simple Cycle	-1				6.5													0	0	0	FALSE
3492	New No 4066 Simple Cycle	-1				6.5													0	0	0	FALSE
3493	New No 4067 Simple Cycle	-1				6.5													0	0	0	FALSE
3494	New No 4068 Simple Cycle	-1				6.5													0	0	0	FALSE
3495	New No 4070 Simple Cycle	-1				6.5													0	0	0	FALSE
3496	New No 4074 Simple Cycle	-1				6.5													0	0	0	FALSE
3497	New No 4075 Simple Cycle	-1				6.5													0	0	0	FALSE
3498	New No 4082 Simple Cycle	-1				6.5													0	0	0	FALSE
3499	New No 4083 Simple Cycle	-1				6.5													0	0	0	FALSE
3500	New No 4094 Simple Cycle	-1				6.5													0	0	0	FALSE
3501	New No 4102 Simple Cycle	-1				6.5													0	0	0	FALSE
3502	New No 4105 Simple Cycle	-1				6.5													0	0	0	FALSE
3503	New No 4126 Simple Cycle	-1				6.5													0	0	0	FALSE
3504	New No 4127 Simple Cycle	-1				6.5													0	0	0	FALSE
3505	New No 4147 Simple Cycle	-1				6.5													0	0	0	FALSE
3506	New No 4154 Simple Cycle	-1				6.5													0	0	0	FALSE
3507	New No 4197 Simple Cycle	-1				6.5													0	0	0	FALSE
3508	New No 4342 Simple Cycle	-1				6.5													0	0	0	FALSE
3509	New No 4367 Simple Cycle	-1				6.5													0	0	0	FALSE
3510	New No 4554 Simple Cycle	-1				6.5													0	0	0	FALSE
3511	New No 4572 Simple Cycle	-1				6.5													0	0	0	FALSE
3512	New No 4574 Simple Cycle	-1				6.5													0	0	0	FALSE
3513	New No 4579 Simple Cycle	-1				6.5													0	0	0	FALSE
3514	New No 4583 Simple Cycle	-1				6.5													0	0	0	FALSE
3515	New No 4604 Simple Cycle	-1				6.5													0	0	0	FALSE
3516	New No 4605 Simple Cycle	-1				6.5													0	0	0	FALSE
3517	New No 4615 Simple Cycle	-1				6.5													0	0	0	FALSE
3518	New No 4617 Simple Cycle	-1				6.5													0	0	0	FALSE
3519	New No 4811 Simple Cycle	-1				6.5													0	0	0	FALSE
3520	New No 4812 Simple Cycle	-1				6.5													0	0	0	FALSE
3521	New No 4813 Simple Cycle	-1				6.5													0	0	0	FALSE
3522	New No 4814 Simple Cycle	-1				6.5													0	0	0	FALSE
3523	New No 4815 Simple Cycle	-1				6.5													0	0	0	FALSE
3524	New No 4828 Simple Cycle	-1				6.5													0	0	0	FALSE
3525	New No 4829 Simple Cycle	-1				6.5													0	0	0	FALSE
3526	New No 4830 Simple Cycle	-1				6.5													0	0	0	FALSE
3527	New No 5034 Simple Cycle	-1				6.5													0	0	0	FALSE
3528	New No 5224 Simple Cycle	-1				6.5													0	0	0	FALSE
3529	New No 5227 Simple Cycle	-1				6.5													0	0	0	FALSE
3530	New No 5236 Simple Cycle	-1				6.5													0	0	0	FALSE
3531	New No 5237 Simple Cycle	-1				6.5													0	0	0	FALSE

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**23. RESOURCES IP**

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cyclic	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
1	Battle R ST3	Alberta Power Limited	10502	157000	32	13	1.9	XCLST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
2	Battle R ST4	Alberta Power Limited	10500	157000	32	13	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	190	0	0		
3	Battle R ST5	Alberta Power Limited	10356	390000	32	13	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
4	Miller ST	Alberta Power Limited	10501	152000	32	13	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	190	0	0		
5	Rainbow GT1	Alberta Power Limited	10800	30000	102	13	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Oct-00	FALSE	41	0	6	-1	-1	-1	-1	93	0	0		
6	Rainbow GT2	Alberta Power Limited	10400	43000	102	13	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Oct-00	FALSE	40	0	6	-1	-1	-1	-1	96	0	0		
7	Rainbow GT3	Alberta Power Limited	11400	22000	102	13	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	42	0	6	-1	-1	-1	-1	88	0	0		
8	Sheerness ST1	Alberta Power Limited	10353	389000	32	13	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
9	Sheerness ST2	Alberta Power Limited	10351	383000	32	13	1.9	XCLST95FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
10	Anaheim GT	Anaheim CA, City of	12800	47000	111	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	78	0	0		
11	Apache Station CC	Arizona Electric Power Coopera	7800	81000	74	10	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	128	0	0		
12	Apache Station GT2	Arizona Electric Power Coopera	14362	20000	82	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	70	0	0		
13	Apache Station GT3	Arizona Electric Power Coopera	12990	69000	82	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	77	0	0		
14	Apache Station ST3	Arizona Electric Power Coopera	10293	175000	31	10	2.3	XNGST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	97	0	0		
15	Apache Station ST3	Arizona Electric Power Coopera	10293	175000	31	10	2.3	XNGST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	97	0	0		
16	Apache Station GT4	Arizona Electric Power Coopera	10000	40000	82	10	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	101	0	0		
17	Cholla 1	Arizona Public Service Company	0	1400	1	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
18	Cholla 2	Arizona Public Service Company	0	1400	1	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
19	Cholla 3	Arizona Public Service Company	0	1400	1	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
20	Cholla ST1	Arizona Public Service Company	10378	110000	31	10	1.9	XCLST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
21	Cholla ST2	Arizona Public Service Company	10362	245000	31	10	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
22	Cholla ST3	Arizona Public Service Company	10399	260000	31	10	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	192	0	0		
23	Cholla ST4	Arizona Public Service Company	10395	380000	31	10	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	192	0	0		
24	Douglas GT	Arizona Public Service Company	13797	17000	42	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	109	0	0		
25	Four Corners ST1	Arizona Public Service Company	10750	170000	34	9	1.9	XCLST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	186	0	0		
26	Four Corners ST2	Arizona Public Service Company	10750	170000	34	9	1.9	XCLST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	186	0	0		
27	Four Corners ST3	Arizona Public Service Company	11029	220000	34	9	1.9	XCLST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	181	0	0		
28	Four Corners ST4	Arizona Public Service Company	9661	740000	34	9	1.9	XCLST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	207	0	0		
29	Four Corners ST5	Arizona Public Service Company	9661	740000	34	9	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	207	0	0		
30	Irving 1	Arizona Public Service Company	0	1400	1	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
31	Ocotillo ST1	Arizona Public Service Company	10782	113000	82	10	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	36	0	6	-1	-1	-1	-1	93	0	0		
32	Ocotillo ST2	Arizona Public Service Company	10984	113000	82	10	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	36	0	6	-1	-1	-1	-1	91	0	0		
33	Ocotillo GT1	Arizona Public Service Company	14312	67000	82	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	70	0	0		
34	Apache Station GT2	Arizona Public Service Company	15873	67000	112	7	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	41	0	6	-1	-1	-1	-1	63	0	0		
35	Palo Verde 1	Arizona Public Service Company	10635	1270000	5	10	-1	XLWR86FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	36	0	6	-1	-1	-1	-1	0	0	0		
36	Palo Verde 2	Arizona Public Service Company	10499	1270000	5	10	-1	XLWR86FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	36	0	6	-1	-1	-1	-1	0	0	0		
37	Palo Verde 2 rerated	Arizona Public Service Company	10499	57000	5	10	-1	XLWR84FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
38	Palo Verde 3	Arizona Public Service Company	10439	1270000	5	10	-1	XLWR86FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	36	0	6	-1	-1	-1	-1	0	0	0		
39	Saguaro ST1	Arizona Public Service Company	11195	50000	82	10	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	89	0	0		
40	Saguaro ST2	Arizona Public Service Company	11322	90000	82	10	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	88	0	0		
41	Saguaro GT1	Arizona Public Service Company	13623	64000	82	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	41	0	6	-1	-1	-1	-1	73	0	0		
42	Saguaro GT2	Arizona Public Service Company	13718	64000	82	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	41	0	6	-1	-1	-1	-1	73	0	0		
43	Saguaro GT3	Arizona Public Service Company	10000	80000	82	10	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	101	0	0		
44	Santan Solar	Arizona Public Service Company	0	200	3	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Jul-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
45	West Phoenix CC1	Arizona Public Service Company	9201	97000	74	10	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	109	0	0		
46	West Phoenix CC2	Arizona Public Service Company	9201	97000	74	10	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	109	0	0		
47	West Phoenix CC3	Arizona Public Service Company	9201	97000	74	10	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	41	0	6	-1	-1	-1	-1	109	0	0		
48	West Phoenix GT1	Arizona Public Service Company	13965	67000	74	10	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	41	0	6	-1	-1	-1	-1	72	0	0		
49	West Phoenix GT2	Arizona Public Service Company	13965	67000	74	10	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	41	0	6	-1	-1	-1	-1	72	0	0		
50	West Phoenix ST4	Arizona Public Service Company	10000	33000	74	10	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	108	0	0		
51	West Phoenix ST6																																



Number	Name	Utility	Maximm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1	Battle R ST3	Alberta Power Limited			FALSE						
2	Battle R ST4	Alberta Power Limited			FALSE						
3	Battle R ST5	Alberta Power Limited			FALSE						
4	Miller ST	Alberta Power Limited			FALSE						
5	Rainbow GT1	Alberta Power Limited			FALSE						
6	Rainbow GT2	Alberta Power Limited			FALSE						
7	Rainbow GT3	Alberta Power Limited			FALSE						
8	Sheerness ST1	Alberta Power Limited			FALSE						
9	Sheerness ST2	Alberta Power Limited			FALSE						
10	Anaheim GT	Anaheim CA, City of			FALSE		G0026	ANAHEIM GAS TURBINE			
11	Apache Station CC	Arizona Electric Power Coopera			FALSE						
12	Apache Station GT2	Arizona Electric Power Coopera			FALSE						
13	Apache Station GT3	Arizona Electric Power Coopera			FALSE						
14	Apache Station ST2	Arizona Electric Power Coopera			FALSE						
15	Apache Station ST3	Arizona Electric Power Coopera			FALSE						
16	Apache Station GT4	Arizona Electric Power Coopera			FALSE						
17	Childs 1	Arizona Public Service Company			FALSE						
18	Childs 2	Arizona Public Service Company			FALSE						
19	Childs 3	Arizona Public Service Company			FALSE						
20	Cholla ST1	Arizona Public Service Company			FALSE						
21	Cholla ST2	Arizona Public Service Company			FALSE						
22	Cholla ST3	Arizona Public Service Company			FALSE						
23	Cholla ST4	Arizona Public Service Company			FALSE						
24	Douglas GT	Arizona Public Service Company			FALSE						
25	Four Corners ST1	Arizona Public Service Company			FALSE						
26	Four Corners ST2	Arizona Public Service Company			FALSE						
27	Four Corners ST3	Arizona Public Service Company			FALSE						
28	Four Corners ST4	Arizona Public Service Company			FALSE						
29	Four Corners ST5	Arizona Public Service Company			FALSE						
30	Irving 1	Arizona Public Service Company			FALSE						
31	Ocotillo ST1	Arizona Public Service Company			FALSE						
32	Ocotillo ST2	Arizona Public Service Company			FALSE						
33	Ocotillo GT1	Arizona Public Service Company			FALSE						
34	Ocotillo GT2	Arizona Public Service Company			FALSE						
35	Palo Verde 1	Arizona Public Service Company			FALSE						
36	Palo Verde 2	Arizona Public Service Company			FALSE						
37	Palo Verde 2 rerated	Arizona Public Service Company			FALSE						
38	Palo Verde 3	Arizona Public Service Company			FALSE						
39	Saguaro ST1	Arizona Public Service Company			FALSE						
40	Saguaro ST2	Arizona Public Service Company			FALSE						
41	Saguaro GT1	Arizona Public Service Company			FALSE						
42	Saguaro GT2	Arizona Public Service Company			FALSE						
43	Saguaro GT3	Arizona Public Service Company			FALSE						
44	Santan Solar	Arizona Public Service Company			FALSE						
45	West Phoenix CC1	Arizona Public Service Company			FALSE						
46	West Phoenix CC2	Arizona Public Service Company			FALSE						
47	West Phoenix CC3	Arizona Public Service Company			FALSE						
48	West Phoenix GT1	Arizona Public Service Company			FALSE						
49	West Phoenix GT2	Arizona Public Service Company			FALSE						
50	West Phoenix ST4	Arizona Public Service Company			FALSE						
51	West Phoenix ST6	Arizona Public Service Company			FALSE						
52	Yucca GT1	Arizona Public Service Company			FALSE						
53	Yucca GT2	Arizona Public Service Company			FALSE						
54	Yucca GT3	Arizona Public Service Company			FALSE						
55	Yucca GT4	Arizona Public Service Company			FALSE						
56	Yuma Axis ST1	Arizona Public Service Company			FALSE						
57	Reeder Gulch 1	Ashland OR, City of			FALSE						
58	Ruedi 1	Aspen CO, City of			FALSE						
59	Arvada GT1		-1	-1	FALSE						
60	Arvada GT2		-1	-1	FALSE						
61	Arvada GT3		-1	-1	FALSE						
62	Barber Creek GT1		-1	-1	FALSE						
63	Barber Creek GT2		-1	-1	FALSE						
64	Barber Creek GT3		-1	-1	FALSE						
65	Hartzog GT1		-1	-1	FALSE						
66	Hartzog GT2		-1	-1	FALSE						
67	Hartzog GT3		-1	-1	FALSE						
68	Laramie River ST1	Basin Electric Power Cooperati			FALSE						
69	Laramie River ST2	Basin Electric Power Cooperati			FALSE						
70	Laramie River ST3	Basin Electric Power Cooperati			FALSE						
71	Beaver Lower Hydro 1 2	Beaver City Corp - UT			FALSE						
72	Beaver Mid Hydro 2 1	Beaver City Corp - UT			FALSE						
73	Beaver Upper Hydro 3 3	Beaver City Corp - UT			FALSE						
74	Ben French IC2	Black Hills Power & Light Comp			FALSE						
75	Ben French IC3	Black Hills Power & Light Comp			FALSE						
76	Ben French IC4	Black Hills Power & Light Comp			FALSE						
77	Ben French IC5	Black Hills Power & Light Comp			FALSE						
78	Ben French GT1	Black Hills Power & Light Comp			FALSE						
79	Ben French GT2	Black Hills Power & Light Comp			FALSE						
80	Ben French GT3	Black Hills Power & Light Comp			FALSE						
81	Ben French GT4	Black Hills Power & Light Comp			FALSE						
82	Ben French IC1	Black Hills Power & Light Comp			FALSE						
83	Ben French ST1	Black Hills Power & Light Comp			FALSE						
84	Lange GT		-1	-1	FALSE						
85	Neil Simpson ST	Black Hills Power & Light Comp			FALSE						
86	Neil Simpson II ST	Black Hills Power & Light Comp			FALSE						
87	Osage ST1	Black Hills Power & Light Comp			FALSE						
88	Osage ST2	Black Hills Power & Light Comp			FALSE						
89	Osage ST3	Black Hills Power & Light Comp			FALSE						
90	Moyie Spgs 1	Bonniers Ferry ID, City of			FALSE						
91	Moyie Spgs 2	Bonniers Ferry ID, City of			FALSE						
92	Moyie Spgs 3	Bonniers Ferry ID, City of			FALSE						
93	Moyie Spgs 4	Bonniers Ferry ID, City of			FALSE						
94	Buffalo Hydro 1	Bonneville Power Administratio			FALSE						
95	Prairie Wood Products	Bonneville Power Administratio			FALSE						
96	Cove Hydro 1	Bonneville Power Administratio			FALSE						
97	James River Woums GTCG	Bonneville Power Administratio			FALSE						
98	Bountiful City IC2	Bountiful UT, City of			FALSE						
99	Bountiful City IC3	Bountiful UT, City of			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1	Battle R ST3	Alberta Power Limited								0
2	Battle R ST4	Alberta Power Limited								0
3	Battle R ST5	Alberta Power Limited								0
4	Milner ST	Alberta Power Limited								0
5	Rainbow GT1	Alberta Power Limited								0
6	Rainbow GT2	Alberta Power Limited								0
7	Rainbow GT3	Alberta Power Limited								0
8	Sheerness ST1	Alberta Power Limited								0
9	Sheerness ST2	Alberta Power Limited								0
10	Anaheim GT	Anaheim CA, City of	ORANGE		1144 N KRAEMER BLVD	NATURAL GAS	OIL GAS	GAS TURBINE, NATURAL GAS	NO	0
11	Apache Station CC	Arizona Electric Power Coopera								0
12	Apache Station GT2	Arizona Electric Power Coopera								0
13	Apache Station GT3	Arizona Electric Power Coopera								0
14	Apache Station ST2	Arizona Electric Power Coopera								0
15	Apache Station ST3	Arizona Electric Power Coopera								0
16	Apache Station GT4	Arizona Electric Power Coopera								0
17	Childs 1	Arizona Public Service Company								0
18	Childs 2	Arizona Public Service Company								0
19	Childs 3	Arizona Public Service Company								0
20	Cholla ST1	Arizona Public Service Company								0
21	Cholla ST2	Arizona Public Service Company								0
22	Cholla ST3	Arizona Public Service Company								0
23	Cholla ST4	Arizona Public Service Company								0
24	Douglas GT	Arizona Public Service Company								0
25	Four Corners ST1	Arizona Public Service Company								0
26	Four Corners ST2	Arizona Public Service Company								0
27	Four Corners ST3	Arizona Public Service Company								0
28	Four Corners ST4	Arizona Public Service Company								0
29	Four Corners ST5	Arizona Public Service Company								0
30	Irving 1	Arizona Public Service Company								0
31	Ocotillo ST1	Arizona Public Service Company								0
32	Ocotillo ST2	Arizona Public Service Company								0
33	Ocotillo GT1	Arizona Public Service Company								0
34	Ocotillo GT2	Arizona Public Service Company								0
35	Palo Verde 1	Arizona Public Service Company								0
36	Palo Verde 2	Arizona Public Service Company								0
37	Palo Verde 2 rerated	Arizona Public Service Company								0
38	Palo Verde 3	Arizona Public Service Company								0
39	Saguaro ST1	Arizona Public Service Company								0
40	Saguaro ST2	Arizona Public Service Company								0
41	Saguaro GT1	Arizona Public Service Company								0
42	Saguaro GT2	Arizona Public Service Company								0
43	Saguaro GT3	Arizona Public Service Company								0
44	Santan Solar	Arizona Public Service Company								0
45	West Phoenix CC1	Arizona Public Service Company								0
46	West Phoenix CC2	Arizona Public Service Company								0
47	West Phoenix CC3	Arizona Public Service Company								0
48	West Phoenix GT1	Arizona Public Service Company								0
49	West Phoenix GT2	Arizona Public Service Company								0
50	West Phoenix ST4	Arizona Public Service Company								0
51	West Phoenix ST6	Arizona Public Service Company								0
52	Yucca GT1	Arizona Public Service Company								0
53	Yucca GT2	Arizona Public Service Company								0
54	Yucca GT3	Arizona Public Service Company								0
55	Yucca GT4	Arizona Public Service Company								0
56	Yuma Axis ST1	Arizona Public Service Company								0
57	Reeder Gulch 1	Ashland OR, City of								0
58	Ruedi 1	Aspen CO, City of								0
59	Arvada GT1									0
60	Arvada GT2									0
61	Arvada GT3									0
62	Barber Creek GT1									0
63	Barber Creek GT2									0
64	Barber Creek GT3									0
65	Hartzog GT1									0
66	Hartzog GT2									0
67	Hartzog GT3									0
68	Laramie River ST1	Basin Electric Power Cooperati								0
69	Laramie River ST2	Basin Electric Power Cooperati								0
70	Laramie River ST3	Basin Electric Power Cooperati								0
71	Beaver Lower Hydro 1 2	Beaver City Corp - UT								0
72	Beaver Mid Hydro 2 1	Beaver City Corp - UT								0
73	Beaver Upper Hydro 3 3	Beaver City Corp - UT								0
74	Ben French IC2	Black Hills Power & Light Comp								0
75	Ben French IC3	Black Hills Power & Light Comp								0
76	Ben French IC4	Black Hills Power & Light Comp								0
77	Ben French IC5	Black Hills Power & Light Comp								0
78	Ben French GT1	Black Hills Power & Light Comp								0
79	Ben French GT2	Black Hills Power & Light Comp								0
80	Ben French GT3	Black Hills Power & Light Comp								0
81	Ben French GT4	Black Hills Power & Light Comp								0
82	Ben French IC1	Black Hills Power & Light Comp								0
83	Ben French ST1	Black Hills Power & Light Comp								0
84	Lange GT									0
85	Neil Simpson ST	Black Hills Power & Light Comp								0
86	Neil Simpson II ST	Black Hills Power & Light Comp								0
87	Osage ST1	Black Hills Power & Light Comp								0
88	Osage ST2	Black Hills Power & Light Comp								0
89	Osage ST3	Black Hills Power & Light Comp								0
90	Moyle Spgs 1	Bonners Ferry ID, City of								0
91	Moyle Spgs 2	Bonners Ferry ID, City of								0
92	Moyle Spgs 3	Bonners Ferry ID, City of								0
93	Moyle Spgs 4	Bonners Ferry ID, City of								0
94	Buffalo Hydro 1	Bonneville Power Administratio								0
95	Prairie Wood Products	Bonneville Power Administratio								0
96	Cove Hydro 1	Bonneville Power Administratio								0
97	James River Wauha GTCC	Bonneville Power Administratio								0
98	Bountiful City IC2	Bountiful UT, City of								0
99	Bountiful City IC3	Bountiful UT, City of								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Min Cycling	Non Cycling	Start Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
100	Bountiful City IC4	Bountiful UT, City of	12987	1000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	77	0	0		
101	Bountiful City IC5	Bountiful UT, City of	12987	1000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	77	0	0		
102	Bountiful City IC6	Bountiful UT, City of	12987	2500	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	77	0	0		
103	Bountiful City IC7	Bountiful UT, City of	12987	0	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	77	0	0		
104	Bountiful City IC8	Bountiful UT, City of	8984	7000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	113	0	0		
105	East Canyon 1	Bountiful UT, City of	0	2000	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
106	Echo Dam 1	Bountiful UT, City of	0	137	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
107	Echo Dam 2	Bountiful UT, City of	0	137	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
108	Echo Dam 3	Bountiful UT, City of	0	520	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
109	Pine View Dam 1	Bountiful UT, City of	0	600	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
110	Box Elder 1	Brigham City Corp - UT	0	500	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
111	Brigham City 1	Brigham City Corp - UT	0	600	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
112	Brigham City 2	Brigham City Corp - UT	0	600	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
113	Aberfeldie 1-2	British Columbia Hydro & Power	0	8000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
114	Alouette 1	British Columbia Hydro & Power	0	8000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
115	Ash River 1	British Columbia Hydro & Power	0	27000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
116	Bridge River 1-4	British Columbia Hydro & Power	0	200000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
117	Bridge River 2-14	British Columbia Hydro & Power	0	280000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
118	Buntzen 1#1	British Columbia Hydro & Power	0	50000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
119	Buntzen 2-1-3	British Columbia Hydro & Power	0	18000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
120	Arrow Lakes	British Columbia Hydro & Power	4266	170000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	0	0	0		
121	Warrant Upgrade	British Columbia Hydro & Power	4266	20000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	13-Mar-02	31-Dec-53	FALSE	-1	0	6	-1	-1	-1	-1	0	0	0		
122	Burrard Thermal ST1	British Columbia Hydro & Power	10000	152000	102	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-04	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	105	0	0		
123	Burrard Thermal ST2	British Columbia Hydro & Power	10000	152000	102	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	105	0	0		
124	Burrard Thermal ST3	British Columbia Hydro & Power	10000	152000	102	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	105	0	0		
125	Burrard Thermal ST4	British Columbia Hydro & Power	12500	152000	102	2.3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	-1	0	6	-1	-1	-1	-1	80	0	0		
126	Burrard Thermal ST5	British Columbia Hydro & Power	12500	152000	102	2.3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	80	0	0		
127	Burrard Thermal ST6	British Columbia Hydro & Power	12500	152000	102	2.3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	80	0	0		
128	NU Energy	British Columbia Hydro & Power	8000	48000	7	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
129	Pangloss 1	British Columbia Hydro & Power	4266	30000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	-1	0	6	-1	-1	-1	-1	0	0	0		
130	Parell Power	British Columbia Hydro & Power	8000	14000	7	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Apr-03	31-Dec-53	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
131	Cheakams 1-2	British Columbia Hydro & Power	0	144000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jul-00	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
132	Clowhorn 1	British Columbia Hydro & Power	0	30000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
133	Elko 1-2	British Columbia Hydro & Power	0	12000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
134	Falls River 1-2	British Columbia Hydro & Power	0	7000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
135	Gordon M Shrum 1-1	British Columbia Hydro & Power	0	268000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
136	Highland 1	British Columbia Hydro & Power	0	25000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
137	Jordan Hart 1-6	British Columbia Hydro & Power	0	126000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
138	Jordan River 1	British Columbia Hydro & Power	0	170000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
139	Kernano 1-8	British Columbia Hydro & Power	0	140000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
140	Kootenay Canal 1-4	British Columbia Hydro & Power	0	529000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
141	La Jone 1	British Columbia Hydro & Power	0	22000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
142	Ladner Falls 1-2	British Columbia Hydro & Power	0	47000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
143	Mica 1-4	British Columbia Hydro & Power	0	160000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
144	Misc Small Hydro 6 B-4	British Columbia Hydro & Power	0	28000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
145	Peace Canyon 1-4	British Columbia Hydro & Power	0	600000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
146	Pandolfe 1	British Columbia Hydro & Power	0	24000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
147	Revelstoke 1-4	British Columbia Hydro & Power	0	184000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
148	Rupert GT1	British Columbia Hydro & Power	10800	23000	102	4	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	93	0	0		
149	Rupert GT2	British Columbia Hydro & Power	10000	23000	102	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	105	0	0		
150	Stavely 1-2-nubuild	British Columbia Hydro & Power	4266	40000	1	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	-1	0	6	-1	-1	-1	-1					

Number	Name	Utility	Maximm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
100	Bountiful City IC4	Bountiful UT, City of			FALSE						
101	Bountiful City IC5	Bountiful UT, City of			FALSE						
102	Bountiful City IC6	Bountiful UT, City of			FALSE						
103	Bountiful City IC7	Bountiful UT, City of			FALSE						
104	Bountiful City ICN	Bountiful UT, City of			FALSE						
105	East Canyon 1	Bountiful UT, City of			FALSE						
106	Echo Dam 1	Bountiful UT, City of			FALSE						
107	Echo Dam 2	Bountiful UT, City of			FALSE						
108	Echo Dam 3	Bountiful UT, City of			FALSE						
109	Pine View Dam 1	Bountiful UT, City of			FALSE						
110	Box Elder 1	Brigham City Corp - UT			FALSE						
111	Brigham City 1	Brigham City Corp - UT			FALSE						
112	Brigham City 2	Brigham City Corp - UT			FALSE						
113	Aberfeldie 1-2	British Columbia Hydro & Power			FALSE						
114	Alouette 1	British Columbia Hydro & Power			FALSE						
115	Ash River 1	British Columbia Hydro & Power			FALSE						
116	Bridge River 1-4	British Columbia Hydro & Power			FALSE						
117	Bridge River 2-14	British Columbia Hydro & Power			FALSE						
118	Buntzen 1#1	British Columbia Hydro & Power			FALSE						
119	Buntzen 2 1-3	British Columbia Hydro & Power			FALSE						
120	Arrow Lakes				FALSE						
121	Brilliant Upgrade				FALSE						
122	Burrard Thermal ST1				FALSE						
123	Burrard Thermal ST2				FALSE						
124	Burrard Thermal ST3				FALSE						
125	Burrard Thermal ST4	British Columbia Hydro & Power			FALSE						
126	Burrard Thermal ST5	British Columbia Hydro & Power			FALSE						
127	Burrard Thermal ST6	British Columbia Hydro & Power			FALSE						
128	NW Energy		-1	-1	FALSE						
129	Pingston				FALSE						
130	Parcell Power		-1	-1	FALSE						
131	Cheakamus 1-2	British Columbia Hydro & Power			FALSE						
132	Clowhoun 1	British Columbia Hydro & Power			FALSE						
133	Elko 1-2	British Columbia Hydro & Power			FALSE						
134	Falls River 1-2	British Columbia Hydro & Power			FALSE						
135	Gordon M Shrum 1-1	British Columbia Hydro & Power			FALSE						
136	Highland 1	British Columbia Hydro & Power			FALSE						
137	John Hart 1-6	British Columbia Hydro & Power			FALSE						
138	Jordan River 1	British Columbia Hydro & Power			FALSE						
139	Kernano 1-8	British Columbia Hydro & Power			FALSE						
140	Kootenay Canal 1-4	British Columbia Hydro & Power			FALSE						
141	La Jone 1	British Columbia Hydro & Power			FALSE						
142	Ladner Falls 1-2	British Columbia Hydro & Power			FALSE						
143	Mica 1-4	British Columbia Hydro & Power			FALSE						
144	Misc Small Hydro 6 BCH	British Columbia Hydro & Power			FALSE						
145	Peace Canyon 1-4	British Columbia Hydro & Power			FALSE						
146	Pantledge 1	British Columbia Hydro & Power			FALSE						
147	Revelstoke 1-4	British Columbia Hydro & Power			FALSE						
148	Rupert GT1	British Columbia Hydro & Power			FALSE						
149	Rupert GT2	British Columbia Hydro			FALSE						
150	Stave Falls 1-2, rebuild				FALSE						
151	Raskin 1-3	British Columbia Hydro & Power			FALSE						
152	Seton 1	British Columbia Hydro & Power			FALSE						
153	Seven Mile 1-3	British Columbia Hydro & Power			FALSE						
154	Shawag 1-2	British Columbia Hydro & Power			FALSE						
155	Spilliamackeen 1-3	British Columbia Hydro & Power			FALSE						
156	Stave Falls 1-5 (new powerhouse)	British Columbia Hydro & Power			FALSE					Canada	BC
157	Strafcoona 1-2	British Columbia Hydro & Power			FALSE						
158	Wahleach 1	British Columbia Hydro & Power			FALSE						
159	Walter Hardiman 1-2	British Columbia Hydro & Power			FALSE						
160	West Coast Energy GTCG1	British Columbia Hydro & Power			FALSE						
161	West Coast Energy GTCG2	Taylor BC			FALSE						
162	Wharshan 1	British Columbia Hydro & Power			FALSE						
163	Burbank CC (QL4 + MG2)	Burbank Public Service Departm			FALSE		G0063	BURBANK	BURBANK COMBINED CYCLE		
164	Lake One GT				FALSE						
165	Magnolia ST3				FALSE						
166	Magnolia ST4	Burbank Public Service Departm			FALSE		G0329	MAGNOLIA			
167	Magnolia GTS	Burbank Public Service Departm			FALSE		G0329	MAGNOLIA			
168	Olive ST1	Burbank Public Service Departm			FALSE		G0410	OLIVE			
169	Olive ST2	Burbank Public Service Departm			FALSE		G0410	OLIVE			
170	Olive ST3	Burbank Public Service Departm			FALSE		G0410	OLIVE			
171	Alcova 1	Bureau of Reclamation			FALSE						
172	Alcova 2	Bureau of Reclamation			FALSE						
173	Anderson Ranch 1	Bureau of Reclamation			FALSE						
174	Anderson Ranch 2	Bureau of Reclamation			FALSE						
175	Big Thompson 1	Bureau of Reclamation			FALSE						
176	Black Canyon 1	Bureau of Reclamation			FALSE						
177	Black Canyon 2	Bureau of Reclamation			FALSE						
178	Blue Mesa 1	Bureau of Reclamation			FALSE						
179	Blue Mesa 2	Bureau of Reclamation			FALSE						
180	Boysen 1	Bureau of Reclamation			FALSE						
181	Boysen 2	Bureau of Reclamation			FALSE						
182	Buffalo Bill 1	Bureau of Reclamation			FALSE						
183	Buffalo Bill 2	Bureau of Reclamation			FALSE						
184	Buffalo Bill 3	Bureau of Reclamation			FALSE						
185	Chandler 1	Bureau of Reclamation			FALSE						
186	Chandler 2	Bureau of Reclamation			FALSE						
187	Crystal 1	Bureau of Reclamation			FALSE						
188	Davis 1	Bureau of Reclamation			FALSE						
189	Davis 2	Bureau of Reclamation			FALSE						
190	Davis 3	Bureau of Reclamation			FALSE						
191	Davis 4	Bureau of Reclamation			FALSE						
192	Davis 5	Bureau of Reclamation			FALSE						
193	Deer Creek 1 USBR	Bureau of Reclamation			FALSE						
194	Deer Creek 2	Bureau of Reclamation			FALSE						
195	Elephant Butte 1	Bureau of Reclamation			FALSE						
196	Elephant Butte 2	Bureau of Reclamation			FALSE						
197	Elephant Butte 3	Bureau of Reclamation			FALSE						
198	Estes 1	Bureau of Reclamation			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
100	Bountiful City IC4	Bountiful UT, City of								0
101	Bountiful City IC5	Bountiful UT, City of								0
102	Bountiful City IC6	Bountiful UT, City of								0
103	Bountiful City IC7	Bountiful UT, City of								0
104	Bountiful City ICN	Bountiful UT, City of								0
105	East Canyon 1	Bountiful UT, City of								0
106	Echo Dam 1	Bountiful UT, City of								0
107	Echo Dam 2	Bountiful UT, City of								0
108	Echo Dam 3	Bountiful UT, City of								0
109	Pine View Dam 1	Bountiful UT, City of								0
110	Box Elder 1	Brigham City Corp - UT								0
111	Brigham City 1	Brigham City Corp - UT								0
112	Brigham City 2	Brigham City Corp - UT								0
113	Aberfeldie 1-2	British Columbia Hydro & Power								0
114	Alouette 1	British Columbia Hydro & Power								0
115	Ash River 1	British Columbia Hydro & Power								0
116	Bridge River 1-4	British Columbia Hydro & Power								0
117	Bridge River 2-14	British Columbia Hydro & Power								0
118	Buntzen 1 #1	British Columbia Hydro & Power								0
119	Buntzen 2 1-3	British Columbia Hydro & Power								0
120	Arrow Lakes									0
121	Brilliant Upgrade									0
122	Burrard Thermal ST1									0
123	Burrard Thermal ST2									0
124	Burrard Thermal ST3									0
125	Burrard Thermal ST4	British Columbia Hydro & Power								0
126	Burrard Thermal ST5	British Columbia Hydro & Power								0
127	Burrard Thermal ST6	British Columbia Hydro & Power								0
128	NW Energy									0
129	Fingston									0
130	Parcell Power									0
131	Cheakamus 1-2	British Columbia Hydro & Power								0
132	Clowhohn 1	British Columbia Hydro & Power								0
133	Elko 1-2	British Columbia Hydro & Power								0
134	Falls River 1-2	British Columbia Hydro & Power								0
135	Gordon M Shrum 1-1	British Columbia Hydro & Power								0
136	Highland 1	British Columbia Hydro & Power								0
137	John Hart 1-6	British Columbia Hydro & Power								0
138	Jordan River 1	British Columbia Hydro & Power								0
139	Kernano 1-8	British Columbia Hydro & Power								0
140	Kootenay Canal 1-4	British Columbia Hydro & Power								0
141	La Jone 1	British Columbia Hydro & Power								0
142	Ladner Falls 1-2	British Columbia Hydro & Power								0
143	Mica 1-4	British Columbia Hydro & Power								0
144	Misc Small Hydro 6 BCH	British Columbia Hydro & Power								0
145	Peace Canyon 1-4	British Columbia Hydro & Power								0
146	Pantledge 1	British Columbia Hydro & Power								0
147	Revelstoke 1-4	British Columbia Hydro & Power								0
148	Rupert GT1	British Columbia Hydro & Power								0
149	Rupert GT2	British Columbia Hydro								0
150	Stave Falls 1-2, rebuild									0
151	Raskin 1-3	British Columbia Hydro & Power								0
152	Seton 1	British Columbia Hydro & Power								0
153	Seven Mile 1-3	British Columbia Hydro & Power								0
154	Shawag 1-2	British Columbia Hydro & Power								0
155	Spilliamacheen 1-3	British Columbia Hydro & Power								0
156	Stave Falls 1-5 (new powerhouse)	British Columbia Hydro & Power								0
157	Strathcona 1-2	British Columbia Hydro & Power								0
158	Wahluach 1	British Columbia Hydro & Power								0
159	Walter Hardiman 1-2	British Columbia Hydro & Power								0
160	West Coast Energy GTCG1	British Columbia Hydro & Power								0
161	West Coast Energy GTCG2	Taylor BC								0
162	Wharshan 1	British Columbia Hydro & Power								0
163	Burbank CC (QL4 + MG2)	Burbank Public Service Departm	LOS ANGELES		164 WEST MAGNOLIA BLVD	NATURAL GAS	OIL GAS	COMBINED CYCLE	NO	0
164	Lake One GT									0
165	Magnolia ST3									0
166	Magnolia ST4	Burbank Public Service Departm	LOS ANGELES		164 WEST MAGNOLIA BLVD	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
167	Magnolia GTS	Burbank Public Service Departm	LOS ANGELES		164 WEST MAGNOLIA BLVD	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
168	Olive ST1	Burbank Public Service Departm	LOS ANGELES		164 WEST MAGNOLIA BLVD	NATURAL GAS	OIL GAS	STEAM TURBINE, GAS TURBINE	NO	0
169	Olive ST2	Burbank Public Service Departm	LOS ANGELES		164 WEST MAGNOLIA BLVD	NATURAL GAS	OIL GAS	STEAM TURBINE, GAS TURBINE	NO	0
170	Olive ST3	Burbank Public Service Departm	LOS ANGELES		164 WEST MAGNOLIA BLVD	NATURAL GAS	OIL GAS	STEAM TURBINE, GAS TURBINE	NO	0
171	Alcova 1	Bureau of Reclamation								0
172	Alcova 2	Bureau of Reclamation								0
173	Anderson Ranch 1	Bureau of Reclamation								0
174	Anderson Ranch 2	Bureau of Reclamation								0
175	Big Thompson 1	Bureau of Reclamation								0
176	Black Canyon 1	Bureau of Reclamation								0
177	Black Canyon 2	Bureau of Reclamation								0
178	Blue Mesa 1	Bureau of Reclamation								0
179	Blue Mesa 2	Bureau of Reclamation								0
180	Boysen 1	Bureau of Reclamation								0
181	Boysen 2	Bureau of Reclamation								0
182	Buffalo Bill 1	Bureau of Reclamation								0
183	Buffalo Bill 2	Bureau of Reclamation								0
184	Buffalo Bill 3	Bureau of Reclamation								0
185	Chandler 1	Bureau of Reclamation								0
186	Chandler 2	Bureau of Reclamation								0
187	Crystal 1	Bureau of Reclamation								0
188	Davis 1	Bureau of Reclamation								0
189	Davis 2	Bureau of Reclamation								0
190	Davis 3	Bureau of Reclamation								0
191	Davis 4	Bureau of Reclamation								0
192	Davis 5	Bureau of Reclamation								0
193	Deer Creek 1 USBR	Bureau of Reclamation								0
194	Deer Creek 2	Bureau of Reclamation								0
195	Elephant Butte 1	Bureau of Reclamation								0
196	Elephant Butte 2	Bureau of Reclamation								0
197	Elephant Butte 3	Bureau of Reclamation								0
198	Estes 1	Bureau of Reclamation								0



Number	Name	Utility	Maximum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
199	Estes 2	Bureau of Reclamation			FALSE						
200	Estes 3	Bureau of Reclamation			FALSE						
201	Flaming Gorge 1	Bureau of Reclamation			FALSE						
202	Flaming Gorge 2	Bureau of Reclamation			FALSE						
203	Flaming Gorge 3	Bureau of Reclamation			FALSE						
204	Flatiron 1	Bureau of Reclamation			FALSE						
205	Flatiron 2	Bureau of Reclamation			FALSE						
206	Flatiron 3	Bureau of Reclamation	204	0.5	FALSE						
207	Folsom 1	Bureau of Reclamation			FALSE		H0186	FOLSOM DAM			
208	Folsom 2	Bureau of Reclamation			FALSE		H0186	FOLSOM DAM			
209	Folsom 3	Bureau of Reclamation			FALSE		H0186	FOLSOM DAM			
210	Fountelle 1	Bureau of Reclamation			FALSE						
211	Fremont Canyon 1	Bureau of Reclamation			FALSE						
212	Fremont Canyon 2	Bureau of Reclamation			FALSE						
213	Glen Canyon 1	Bureau of Reclamation			FALSE						
214	Glen Canyon 2	Bureau of Reclamation			FALSE						
215	Glen Canyon 3	Bureau of Reclamation			FALSE						
216	Glen Canyon 4	Bureau of Reclamation			FALSE						
217	Glen Canyon 5	Bureau of Reclamation			FALSE						
218	Glen Canyon 6	Bureau of Reclamation			FALSE						
219	Glen Canyon 7	Bureau of Reclamation			FALSE						
220	Glen Canyon 8	Bureau of Reclamation			FALSE						
221	Glendo 1	Bureau of Reclamation			FALSE						
222	Glendo 2	Bureau of Reclamation			FALSE						
223	Grand Coulee 01	Bureau of Reclamation			TRUE						
224	Grand Coulee 10	Bureau of Reclamation			TRUE						
225	Grand Coulee 11	Bureau of Reclamation			TRUE						
226	Grand Coulee 12	Bureau of Reclamation			TRUE						
227	Grand Coulee 13	Bureau of Reclamation			TRUE						
228	Grand Coulee 14	Bureau of Reclamation			TRUE						
229	Grand Coulee 15	Bureau of Reclamation			TRUE						
230	Grand Coulee 16	Bureau of Reclamation			TRUE						
231	Grand Coulee 17	Bureau of Reclamation			TRUE						
232	Grand Coulee 18	Bureau of Reclamation			TRUE						
233	Grand Coulee 19	Bureau of Reclamation			TRUE						
234	Grand Coulee 02	Bureau of Reclamation			TRUE						
235	Grand Coulee 20	Bureau of Reclamation			TRUE						
236	Grand Coulee 21	Bureau of Reclamation			TRUE						
237	Grand Coulee 22	Bureau of Reclamation			TRUE						
238	Grand Coulee 23	Bureau of Reclamation			TRUE						
239	Grand Coulee 24	Bureau of Reclamation			TRUE						
240	Grand Coulee 03	Bureau of Reclamation			FALSE						
241	Grand Coulee 04	Bureau of Reclamation			FALSE						
242	Grand Coulee 05	Bureau of Reclamation			FALSE						
243	Grand Coulee 06	Bureau of Reclamation			FALSE						
244	Grand Coulee 07	Bureau of Reclamation			FALSE						
245	Grand Coulee 08	Bureau of Reclamation			FALSE						
246	Grand Coulee 09	Bureau of Reclamation			FALSE						
247	Grand Coulee LS1	Bureau of Reclamation			FALSE						
248	Grand Coulee LS2	Bureau of Reclamation			FALSE						
249	Grand Coulee LS3	Bureau of Reclamation			FALSE						
250	Grand Coulee PG10	Bureau of Reclamation			FALSE						
251	Grand Coulee PG11	Bureau of Reclamation			FALSE						
252	Grand Coulee PG12	Bureau of Reclamation			FALSE						
253	Grand Coulee PG07	Bureau of Reclamation			FALSE						
254	Grand Coulee PG08	Bureau of Reclamation			FALSE						
255	Grand Coulee PG09	Bureau of Reclamation			FALSE						
256	Green Mountain 1	Bureau of Reclamation			FALSE						
257	Green Mountain 2	Bureau of Reclamation			FALSE						
258	Green Springs 1	Bureau of Reclamation			FALSE						
259	Guernsey 1	Bureau of Reclamation			FALSE						
260	Guernsey 2	Bureau of Reclamation			FALSE						
261	Headgate Rock 1	Bureau of Reclamation			FALSE						
262	Headgate Rock 2	Bureau of Reclamation			FALSE						
263	Headgate Rock 3	Bureau of Reclamation			FALSE						
264	Heart Mountain 1	Bureau of Reclamation			FALSE						
265	Hoover 1	Bureau of Reclamation			FALSE						
266	Hoover 2	Bureau of Reclamation			FALSE						
267	Hoover 3	Bureau of Reclamation			FALSE						
268	Hoover 4	Bureau of Reclamation			FALSE						
269	Hoover A1	Bureau of Reclamation			FALSE						
270	Hoover A2	Bureau of Reclamation			FALSE						
271	Hoover A3	Bureau of Reclamation			FALSE						
272	Hoover A4	Bureau of Reclamation			FALSE						
273	Hoover A5	Bureau of Reclamation			FALSE						
274	Hoover A6	Bureau of Reclamation			FALSE						
275	Hoover A7	Bureau of Reclamation			FALSE						
276	Hoover A8	Bureau of Reclamation			FALSE						
277	Hoover A9	Bureau of Reclamation			FALSE						
278	Hoover A0	Bureau of Reclamation			FALSE						
279	Hoover N0	Bureau of Reclamation			FALSE						
280	Hoover N5	Bureau of Reclamation			FALSE						
281	Hoover N6	Bureau of Reclamation			FALSE						
282	Hoover N7	Bureau of Reclamation			FALSE						
283	Hoover N8	Bureau of Reclamation			FALSE						
284	Hungry Horse 1	Bureau of Reclamation			FALSE						
285	Hungry Horse 2	Bureau of Reclamation			FALSE						
286	Hungry Horse 3	Bureau of Reclamation			FALSE						
287	Hungry Horse 4	Bureau of Reclamation			FALSE						
288	Judge F Carr 1	Bureau of Reclamation			FALSE		H0257	JUDGE FRANCIS CARR			
289	Judge F Carr 2	Bureau of Reclamation			FALSE		H0257	JUDGE FRANCIS CARR			
290	Keswick 1	Bureau of Reclamation			FALSE		H0270	KESWICK			
291	Keswick 2	Bureau of Reclamation			FALSE		H0270	KESWICK			
292	Keswick 3	Bureau of Reclamation			FALSE		H0270	KESWICK			
293	Kortes 1	Bureau of Reclamation			FALSE						
294	Kortes 2	Bureau of Reclamation			FALSE						
295	Kortes 3	Bureau of Reclamation			FALSE						
296	Lewiston 1	Bureau of Reclamation			FALSE		H0286	LEWISTON			
297	Lower Molina 1	Bureau of Reclamation			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
199	Estes 2	Bureau of Reclamation								0
200	Estes 3	Bureau of Reclamation								0
201	Flaming Gorge 1	Bureau of Reclamation								0
202	Flaming Gorge 2	Bureau of Reclamation								0
203	Flaming Gorge 3	Bureau of Reclamation								0
204	Flatiron 1	Bureau of Reclamation								0
205	Flatiron 2	Bureau of Reclamation								0
206	Flatiron 3	Bureau of Reclamation								0
207	Folsom 1	Bureau of Reclamation	SACRAMENTO			HYDRO	HYDRO	HYDRO WATER	NO	0
208	Folsom 2	Bureau of Reclamation	SACRAMENTO			HYDRO	HYDRO	HYDRO WATER	NO	0
209	Folsom 3	Bureau of Reclamation	SACRAMENTO			HYDRO	HYDRO	HYDRO WATER	NO	0
210	Forenelle 1	Bureau of Reclamation								0
211	Fremont Canyon 1	Bureau of Reclamation								0
212	Fremont Canyon 2	Bureau of Reclamation								0
213	Glen Canyon 1	Bureau of Reclamation								0
214	Glen Canyon 2	Bureau of Reclamation								0
215	Glen Canyon 3	Bureau of Reclamation								0
216	Glen Canyon 4	Bureau of Reclamation								0
217	Glen Canyon 5	Bureau of Reclamation								0
218	Glen Canyon 6	Bureau of Reclamation								0
219	Glen Canyon 7	Bureau of Reclamation								0
220	Glen Canyon 8	Bureau of Reclamation								0
221	Glendo 1	Bureau of Reclamation								0
222	Glendo 2	Bureau of Reclamation								0
223	Grand Coulee 01	Bureau of Reclamation								0
224	Grand Coulee 10	Bureau of Reclamation								0
225	Grand Coulee 11	Bureau of Reclamation								0
226	Grand Coulee 12	Bureau of Reclamation								0
227	Grand Coulee 13	Bureau of Reclamation								0
228	Grand Coulee 14	Bureau of Reclamation								0
229	Grand Coulee 15	Bureau of Reclamation								0
230	Grand Coulee 16	Bureau of Reclamation								0
231	Grand Coulee 17	Bureau of Reclamation								0
232	Grand Coulee 18	Bureau of Reclamation								0
233	Grand Coulee 19	Bureau of Reclamation								0
234	Grand Coulee 02	Bureau of Reclamation								0
235	Grand Coulee 20	Bureau of Reclamation								0
236	Grand Coulee 21	Bureau of Reclamation								0
237	Grand Coulee 22	Bureau of Reclamation								0
238	Grand Coulee 23	Bureau of Reclamation								0
239	Grand Coulee 24	Bureau of Reclamation								0
240	Grand Coulee 03	Bureau of Reclamation								0
241	Grand Coulee 04	Bureau of Reclamation								0
242	Grand Coulee 05	Bureau of Reclamation								0
243	Grand Coulee 06	Bureau of Reclamation								0
244	Grand Coulee 07	Bureau of Reclamation								0
245	Grand Coulee 08	Bureau of Reclamation								0
246	Grand Coulee 09	Bureau of Reclamation								0
247	Grand Coulee LS1	Bureau of Reclamation								0
248	Grand Coulee LS2	Bureau of Reclamation								0
249	Grand Coulee LS3	Bureau of Reclamation								0
250	Grand Coulee PG10	Bureau of Reclamation								0
251	Grand Coulee PG11	Bureau of Reclamation								0
252	Grand Coulee PG12	Bureau of Reclamation								0
253	Grand Coulee PG07	Bureau of Reclamation								0
254	Grand Coulee PG08	Bureau of Reclamation								0
255	Grand Coulee PG09	Bureau of Reclamation								0
256	Green Mountain 1	Bureau of Reclamation								0
257	Green Mountain 2	Bureau of Reclamation								0
258	Green Springs 1	Bureau of Reclamation								0
259	Guernsey 1	Bureau of Reclamation								0
260	Guernsey 2	Bureau of Reclamation								0
261	Headgate Rock 1	Bureau of Reclamation								0
262	Headgate Rock 2	Bureau of Reclamation								0
263	Headgate Rock 3	Bureau of Reclamation								0
264	Heart Mountain 1	Bureau of Reclamation								0
265	Hoover 1	Bureau of Reclamation								0
266	Hoover 2	Bureau of Reclamation								0
267	Hoover 3	Bureau of Reclamation								0
268	Hoover 4	Bureau of Reclamation								0
269	Hoover A1	Bureau of Reclamation								0
270	Hoover A2	Bureau of Reclamation								0
271	Hoover A3	Bureau of Reclamation								0
272	Hoover A4	Bureau of Reclamation								0
273	Hoover A5	Bureau of Reclamation								0
274	Hoover A6	Bureau of Reclamation								0
275	Hoover A7	Bureau of Reclamation								0
276	Hoover A8	Bureau of Reclamation								0
277	Hoover A9	Bureau of Reclamation								0
278	Hoover A0	Bureau of Reclamation								0
279	Hoover N0	Bureau of Reclamation								0
280	Hoover N5	Bureau of Reclamation								0
281	Hoover N6	Bureau of Reclamation								0
282	Hoover N7	Bureau of Reclamation								0
283	Hoover N8	Bureau of Reclamation								0
284	Hungry Horse 1	Bureau of Reclamation								0
285	Hungry Horse 2	Bureau of Reclamation								0
286	Hungry Horse 3	Bureau of Reclamation								0
287	Hungry Horse 4	Bureau of Reclamation								0
288	Judge F Carr 1	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO WATER	NO	0
289	Judge F Carr 2	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO WATER	NO	0
290	Keswick 1	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO WATER	NO	0
291	Keswick 2	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO WATER	NO	0
292	Keswick 3	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO WATER	NO	0
293	Kortez 1	Bureau of Reclamation								0
294	Kortez 2	Bureau of Reclamation								0
295	Kortez 3	Bureau of Reclamation								0
296	Lewiston 1	Bureau of Reclamation	TRINITY			HYDRO	HYDRO	HYDRO WATER	NO	0
297	Lower Molina 1	Bureau of Reclamation								0



Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	No. Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
298	Marys Lake 1	Bureau of Reclamation	0	8100	1	8	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
299	Manidoka 6	Bureau of Reclamation	0	2250	1	5	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
300	Manidoka 7	Bureau of Reclamation	0	4300	1	5	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
301	Manidoka 8	Bureau of Reclamation	0	5575	1	5	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
302	Manidoka 9	Bureau of Reclamation	0	5575	1	5	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
303	Morrow Point 1	Bureau of Reclamation	0	83500	1	8	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
304	Morrow Point 2	Bureau of Reclamation	0	83500	1	8	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
305	Mount Elbert 1	Bureau of Reclamation	4266	100000	10	8	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	92	
306	Mount Elbert 2	Bureau of Reclamation	4266	100000	10	8	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	92	
307	New Melones 1	Bureau of Reclamation	0	187500	10	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
308	New Melones 2	Bureau of Reclamation	0	187500	10	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
309	Nimbus 1	Bureau of Reclamation	0	7500	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
310	Nimbus 2	Bureau of Reclamation	0	7500	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
311	O'Neill 1	Bureau of Reclamation	4266	4200	10	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	2	
312	O'Neill 2	Bureau of Reclamation	4266	4200	10	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	2	
313	O'Neill 3	Bureau of Reclamation	4266	4200	10	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	2	
314	O'Neill 4	Bureau of Reclamation	4266	4200	10	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	2	
315	O'Neill 5	Bureau of Reclamation	4266	4200	10	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	2	
316	O'Neill 6	Bureau of Reclamation	4266	4200	10	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	2	
317	Palisades 1	Bureau of Reclamation	0	9000	1	5	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
318	Palisades 2	Bureau of Reclamation	0	9000	1	5	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
319	Palisades 3	Bureau of Reclamation	0	9000	1	5	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
320	Palisades 4	Bureau of Reclamation	0	9000	1	5	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
321	Parker 1 USBR	Bureau of Reclamation	0	26000	1	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
322	Parker 2	Bureau of Reclamation	0	26000	1	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
323	Parker 3	Bureau of Reclamation	0	26000	1	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
324	Parker 4	Bureau of Reclamation	0	26000	1	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
325	Pilot Butte 1	Bureau of Reclamation	0	1000	1	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
326	Pilot Butte 2	Bureau of Reclamation	0	1000	1	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
327	Pike Hill 1	Bureau of Reclamation	0	35000	10	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
328	Roza 1	Bureau of Reclamation	0	13000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
329	Seminole 1	Bureau of Reclamation	0	15000	1	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
330	Seminole 2	Bureau of Reclamation	0	15000	1	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
331	Seminole 3	Bureau of Reclamation	0	15000	1	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
332	Shasta 1	Bureau of Reclamation	0	125000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
333	Shasta 2	Bureau of Reclamation	0	125000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Sep-00	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
334	Shasta 3	Bureau of Reclamation	0	118000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
335	Shasta 4	Bureau of Reclamation	0	105000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
336	Shasta 5	Bureau of Reclamation	0	105000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
337	Shasta S1	Bureau of Reclamation	0	2800	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
338	Shasta S2	Bureau of Reclamation	0	2800	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-01	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
339	Shoshone 1 USBR	Bureau of Reclamation	0	3000	1	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
340	Spring Mountain 1	Bureau of Reclamation	0	4000	1	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
341	Spring Creek 1	Bureau of Reclamation	0	95000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
342	Spring Creek 2	Bureau of Reclamation	0	95000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
343	Stampede 1	Bureau of Reclamation	0	3000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-May-02	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
344	Stampede 2	Bureau of Reclamation	0	700	2	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Sep-00	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
345	Towaco 1	Bureau of Reclamation	0	11495	1	8	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
346	Trinity 1	Bureau of Reclamation	0	70000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	03-Sep-02	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
347	Trinity 2	Bureau of Reclamation	0	70000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	15-Sep-01	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
348	Upper Melona 1	Bureau of Reclamation	0	9000	1	8	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
349	Waddell 1	Bureau of Reclamation	4266	10000	10	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	8	
350	Waddell 2	Bureau of Reclamation	4266	10000	10	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	8	
351	Waddell 3	Bureau of Reclamation	4266	10000	10	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	8	
352	Yellowtail 1	Bureau of Reclamation	4266	10000	10																												

Number	Name	Utility	Maxiumm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
298	Marys Lake 1	Bureau of Reclamation			FALSE						
299	Minidoka 6	Bureau of Reclamation			FALSE						
300	Minidoka 7	Bureau of Reclamation			FALSE						
301	Minidoka 8	Bureau of Reclamation			FALSE						
302	Minidoka 9	Bureau of Reclamation			FALSE						
303	Morrow Point 1	Bureau of Reclamation			FALSE						
304	Morrow Point 2	Bureau of Reclamation			FALSE						
305	Mount Elbert 1	Bureau of Reclamation	2760	0.5	FALSE						
306	Mount Elbert 2	Bureau of Reclamation	2760	0.5	FALSE						
307	New Melones 1	Bureau of Reclamation			FALSE		H0353	NEW MELONES			
308	New Melones 2	Bureau of Reclamation			FALSE		H0353	NEW MELONES			
309	Nimbus 1	Bureau of Reclamation			FALSE		H0360	NIMBUS DAM			
310	Nimbus 2	Bureau of Reclamation			FALSE		H0360	NIMBUS DAM			
311	ONeill 1	Bureau of Reclamation	57.6	0.5	FALSE		H0363	ONEILL			
312	ONeill 2	Bureau of Reclamation	57.6	0.5	FALSE		H0363	ONEILL			
313	ONeill 3	Bureau of Reclamation	57.6	0.5	FALSE		H0363	ONEILL			
314	ONeill 4	Bureau of Reclamation	57.6	0.5	FALSE		H0363	ONEILL			
315	ONeill 5	Bureau of Reclamation	57.6	0.5	FALSE		H0363	ONEILL			
316	ONeill 6	Bureau of Reclamation	57.6	0.5	FALSE		H0363	ONEILL			
317	Palisades 1	Bureau of Reclamation			FALSE						
318	Palisades 2	Bureau of Reclamation			FALSE						
319	Palisades 3	Bureau of Reclamation			FALSE						
320	Palisades 4	Bureau of Reclamation			FALSE						
321	Parker 1 USBR	Bureau of Reclamation			FALSE						
322	Parker 2	Bureau of Reclamation			FALSE						
323	Parker 3	Bureau of Reclamation			FALSE						
324	Parker 4	Bureau of Reclamation			FALSE						
325	Pilot Butte 1	Bureau of Reclamation			FALSE						
326	Pilot Butte 2	Bureau of Reclamation			FALSE						
327	Pale Hill 1	Bureau of Reclamation			FALSE						
328	Roza 1	Bureau of Reclamation			FALSE						
329	Seminole 1	Bureau of Reclamation			FALSE						
330	Seminole 2	Bureau of Reclamation			FALSE						
331	Seminole 3	Bureau of Reclamation			FALSE						
332	Shasta 1	Bureau of Reclamation			FALSE		H0475	SHASTA			
333	Shasta 2	Bureau of Reclamation			FALSE		H0475	SHASTA			
334	Shasta 3	Bureau of Reclamation			FALSE		H0475	SHASTA			
335	Shasta 4	Bureau of Reclamation			FALSE		H0475	SHASTA			
336	Shasta 5	Bureau of Reclamation			FALSE		H0475	SHASTA			
337	Shasta S1	Bureau of Reclamation			FALSE		H0475	SHASTA			
338	Shasta S2	Bureau of Reclamation			FALSE		H0475	SHASTA			
339	Shoshone 1 USBR	Bureau of Reclamation			FALSE						
340	Spirit Mountain 1	Bureau of Reclamation			FALSE						
341	Spring Creek 1	Bureau of Reclamation			FALSE		H0493	SPRING CREEK			
342	Spring Creek 2	Bureau of Reclamation			FALSE		H0493	SPRING CREEK			
343	Stampepe 1	Bureau of Reclamation			FALSE		H0497	STAMPEPE			
344	Stampepe 2	Bureau of Reclamation			FALSE		H0497	STAMPEPE			
345	Towaco 1	Bureau of Reclamation			FALSE						
346	Trinity 1	Bureau of Reclamation			FALSE		H0520	TRINITY			
347	Trinity 2	Bureau of Reclamation			FALSE		H0520	TRINITY			
348	Upper Molina 1	Bureau of Reclamation			FALSE						
349	Waddell 1	Bureau of Reclamation	240	0.5	FALSE						
350	Waddell 2	Bureau of Reclamation	240	0.5	FALSE						
351	Waddell 3	Bureau of Reclamation	240	0.5	FALSE						
352	Waddell 4	Bureau of Reclamation	240	0.5	FALSE						
353	Yellowtail 1	Bureau of Reclamation			FALSE						
354	Yellowtail 2	Bureau of Reclamation			FALSE						
355	Yellowtail 3	Bureau of Reclamation			FALSE						
356	Yellowtail 4	Bureau of Reclamation			FALSE						
357	Angels 1	Calaveras County Water Distric			FALSE		H0008	ANGELS			
358	Murphys 1	Calaveras County Water Distric			FALSE		H0346	MURPHYS			
359	Yelm 1	Centralia WA, City of			FALSE						
360	Yelm 2	Centralia WA, City of			FALSE						
361	Yelm 3	Centralia WA, City of			FALSE						
362	Lake Creek 1 Champion	Champion International Corp -			FALSE						
363	Lake Creek 2	Champion International Corp -			FALSE						
364	Valencia GT1	Citizens Utilities Company - A			FALSE						
365	Valencia GT2	Citizens Utilities Company - A			FALSE						
366	Valencia GT3	Citizens Utilities Company - A			FALSE						
367	Valencia IC1				FALSE						
368	Valencia IC2				FALSE						
369	Valencia IC3				FALSE						
370	Valencia IC4				FALSE						
371	River Road CC	Clark Public Utilities - WA			FALSE						
372	Front Range Power CC		-1	-1	FALSE						
373	George Birdsell ST1	Colorado Springs Utilities - C			FALSE						
374	George Birdsell ST2	Colorado Springs Utilities - C			FALSE						
375	George Birdsell ST3	Colorado Springs Utilities - C			FALSE						
376	Manitou 1	Colorado Springs Utilities - C			FALSE						
377	Manitou 2	Colorado Springs Utilities - C			FALSE						
378	Martin Drake ST5	Colorado Springs Utilities - C			FALSE						
379	Martin Drake ST6	Colorado Springs Utilities - C			FALSE						
380	Martin Drake ST7	Colorado Springs Utilities - C			FALSE						
381	Ray D Nixon GT1				FALSE						
382	Ray D Nixon GT2				FALSE						
383	Ray D Nixon ST1	Colorado Springs Utilities - C			FALSE						
384	SECC IC1				FALSE						
385	Ruxton 1	Colorado Springs Utilities - C			FALSE						
386	Tesla 1	Colorado Springs Utilities - C			FALSE						
387	Delta IC1	Delta CO, City of			FALSE						
388	Delta IC2	Delta CO, City of			FALSE						
389	Delta IC3	Delta CO, City of			FALSE						
390	Delta IC4	Delta CO, City of			FALSE						
391	Delta IC5	Delta CO, City of			FALSE						
392	Delta IC6	Delta CO, City of			FALSE						
393	Delta IC7	Delta CO, City of			FALSE						
394	Dillon 1	Denver CO, City & County of			FALSE						
395	Foothills 1	Denver CO, City & County of			FALSE						
396	Hillcrest 1	Denver CO, City & County of			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
298	Marys Lake 1	Bureau of Reclamation								0
299	Minidoka 6	Bureau of Reclamation								0
300	Minidoka 7	Bureau of Reclamation								0
301	Minidoka 8	Bureau of Reclamation								0
302	Minidoka 9	Bureau of Reclamation								0
303	Morrow Point 1	Bureau of Reclamation								0
304	Morrow Point 2	Bureau of Reclamation								0
305	Mount Elbert 1	Bureau of Reclamation								0
306	Mount Elbert 2	Bureau of Reclamation								0
307	New Melones 1	Bureau of Reclamation	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
308	New Melones 2	Bureau of Reclamation	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
309	Nimbus 1	Bureau of Reclamation	SACRAMENTO			HYDRO	HYDRO	HYDRO, WATER	NO	0
310	Nimbus 2	Bureau of Reclamation	SACRAMENTO			HYDRO	HYDRO	HYDRO, WATER	NO	0
311	O'Neill 1	Bureau of Reclamation	MERCED			PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
312	O'Neill 2	Bureau of Reclamation	MERCED			PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
313	O'Neill 3	Bureau of Reclamation	MERCED			PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
314	O'Neill 4	Bureau of Reclamation	MERCED			PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
315	O'Neill 5	Bureau of Reclamation	MERCED			PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
316	O'Neill 6	Bureau of Reclamation	MERCED			PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
317	Palisades 1	Bureau of Reclamation								0
318	Palisades 2	Bureau of Reclamation								0
319	Palisades 3	Bureau of Reclamation								0
320	Palisades 4	Bureau of Reclamation								0
321	Parker 1 USBR	Bureau of Reclamation								0
322	Parker 2	Bureau of Reclamation								0
323	Parker 3	Bureau of Reclamation								0
324	Parker 4	Bureau of Reclamation								0
325	Pilot Butte 1	Bureau of Reclamation								0
326	Pilot Butte 2	Bureau of Reclamation								0
327	Pale Hill 1	Bureau of Reclamation								0
328	Roza 1	Bureau of Reclamation								0
329	Seminole 1	Bureau of Reclamation								0
330	Seminole 2	Bureau of Reclamation								0
331	Seminole 3	Bureau of Reclamation								0
332	Shasta 1	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
333	Shasta 2	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
334	Shasta 3	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
335	Shasta 4	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
336	Shasta 5	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
337	Shasta S1	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
338	Shasta S2	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
339	Shoshone 1 USBR	Bureau of Reclamation								0
340	Spirit Mountain 1	Bureau of Reclamation								0
341	Spring Creek 1	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
342	Spring Creek 2	Bureau of Reclamation	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
343	Stampede 1	Bureau of Reclamation	SIERRA			HYDRO	HYDRO	RUN-OF-RIVER, WATER	NO	0
344	Stampede 2	Bureau of Reclamation	SIERRA			HYDRO	HYDRO	RUN-OF-RIVER, WATER	NO	0
345	Towaco 1	Bureau of Reclamation								0
346	Trinity 1	Bureau of Reclamation	TRINITY			HYDRO	HYDRO	HYDRO, WATER	NO	0
347	Trinity 2	Bureau of Reclamation	TRINITY			HYDRO	HYDRO	HYDRO, WATER	NO	0
348	Upper Molina 1	Bureau of Reclamation								0
349	Waddell 1	Bureau of Reclamation								0
350	Waddell 2	Bureau of Reclamation								0
351	Waddell 3	Bureau of Reclamation								0
352	Waddell 4	Bureau of Reclamation								0
353	Yellowtail 1	Bureau of Reclamation								0
354	Yellowtail 2	Bureau of Reclamation								0
355	Yellowtail 3	Bureau of Reclamation								0
356	Yellowtail 4	Bureau of Reclamation								0
357	Angels 1	Calaveras County Water District	CALAVERAS			HYDRO	HYDRO	HRDRO, WATER	NO	0
358	Murphys 1	Calaveras County Water District	CALAVERAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
359	Yelm 1	Centralia WA, City of								0
360	Yelm 2	Centralia WA, City of								0
361	Yelm 3	Centralia WA, City of								0
362	Lake Creek 1 Champion	Champion International Corp -								0
363	Lake Creek 2	Champion International Corp -								0
364	Valencia GT1	Citizens Utilities Company - A								0
365	Valencia GT2	Citizens Utilities Company - A								0
366	Valencia GT3	Citizens Utilities Company - A								0
367	Valencia IC1									0
368	Valencia IC2									0
369	Valencia IC3									0
370	Valencia IC4									0
371	River Road CC	Clark Public Utilities - WA								0
372	Front Range Power CC									0
373	George Birdsell ST1	Colorado Springs Utilities - C								0
374	George Birdsell ST2	Colorado Springs Utilities - C								0
375	George Birdsell ST3	Colorado Springs Utilities - C								0
376	Manitou 1	Colorado Springs Utilities - C								0
377	Manitou 2	Colorado Springs Utilities - C								0
378	Martin Drake ST5	Colorado Springs Utilities - C								0
379	Martin Drake ST6	Colorado Springs Utilities - C								0
380	Martin Drake ST7	Colorado Springs Utilities - C								0
381	Ray D Nixon GT1									0
382	Ray D Nixon GT2									0
383	Ray D Nixon ST1	Colorado Springs Utilities - C								0
384	SECC IC1									0
385	Ruxton 1	Colorado Springs Utilities - C								0
386	Tesla 1	Colorado Springs Utilities - C								0
387	Delta IC1	Delta CO, City of								0
388	Delta IC2	Delta CO, City of								0
389	Delta IC3	Delta CO, City of								0
390	Delta IC4	Delta CO, City of								0
391	Delta IC5	Delta CO, City of								0
392	Delta IC6	Delta CO, City of								0
393	Delta IC7	Delta CO, City of								0
394	Dillon 1	Denver CO, City & County of								0
395	Foothills 1	Denver CO, City & County of								0
396	Hillcrest 1	Denver CO, City & County of								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cyclic	Maint Run	Hydro Number	Minimum Capacity	Start Up Costs	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
397	Roberts Tunnel 1	Denver CO, City & County of	0	4000	1	8	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
398	Stonetta Springs 1	Denver CO, City & County of	0	990	1	8	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
399	Williams Fork 1	Denver CO, City & County of	0	1000	1	8	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
400	Alamo 1	Department of Water Resources/	0	17000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
401	Devil Canyon 1	Department of Water Resources/	0	60000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
402	Devil Canyon 2	Department of Water Resources/	0	60000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
403	Devil Canyon 3	Department of Water Resources/	0	80000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
404	Devil Canyon 4	Department of Water Resources/	0	80000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
405	Edward C Hyatt 1	Department of Water Resources/	0	131333	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
406	Edward C Hyatt 5	Department of Water Resources/	0	131333	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
407	Edward C Hyatt 2	Department of Water Resources/	4266	122666	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
408	Edward C Hyatt 3	Department of Water Resources/	0	131333	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	21-Dec-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
409	Edward C Hyatt 4	Department of Water Resources/	4266	122666	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
410	Edward C Hyatt 6	Department of Water Resources/	4266	122666	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
411	Mojave Siphon 1	Department of Water Resources/	0	10800	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	03-Jan-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
412	Mojave Siphon 2	Department of Water Resources/	0	10800	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	03-Jan-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
413	Mojave Siphon 3	Department of Water Resources/	0	10800	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	03-Jan-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
414	Thermalito 1	Department of Water Resources/	0	30000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Sep-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
415	Thermalito 2	Department of Water Resources/	4266	27333	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	17-Jun-02	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
416	Thermalito 3	Department of Water Resources/	4266	27333	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
417	Thermalito 4	Department of Water Resources/	4266	27333	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Mar-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
418	Thermalito Div Dam 1	Department of Water Resources/	0	3000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Jan-03	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
419	W E Warne 1	Department of Water Resources/	0	38000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
420	W E Warne 2	Department of Water Resources/	0	38000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
421	W R Gianelli 1	Department of Water Resources/	4266	51000	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
422	W R Gianelli 2	Department of Water Resources/	4266	50000	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
423	W R Gianelli 3	Department of Water Resources/	4266	50000	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Oct-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
424	W R Gianelli 4	Department of Water Resources/	4266	50000	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Mar-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
425	W R Gianelli 5	Department of Water Resources/	4266	50000	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Sep-00	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
426	W R Gianelli 6	Department of Water Resources/	4266	50000	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
427	W R Gianelli 7	Department of Water Resources/	4266	50000	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
428	W R Gianelli 8	Department of Water Resources/	4266	50000	10	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
429	BMB Hydro 1	Deseret Generation & Transmissio	0	250	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
430	Deseret Generation & Transmissio	10463	452000	35	11	1.9	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
431	Quail Creek 1	Deseret Generation & Transmissio	0	2300	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
432	Sand Wash 1	Deseret Generation & Transmissio	0	1600	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
433	Taylor Draw 1	Deseret Generation & Transmissio	0	2000	1	8	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
434	East Bay Municipal Util Dist	0	2000	1	2	-1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
435	Parade 1-3	East Bay Municipal Util Dist	0	5000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
436	Clover Bar ST1	Edmonton Power	12500	165000	102	13	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	80	0	0		
437	Clover Bar ST2	Edmonton Power	12500	165000	102	13	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	80	0	0		
438	Clover Bar ST3	Edmonton Power	12500	165000	102	13	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	80	0	0		
439	Clover Bar ST4	Edmonton Power	12500	165000	102	13	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	80	0	0		
440	Genessee ST1	Edmonton Power	10350	406000	32	13	1.9	XCLT59FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
441	Genessee ST2	Edmonton Power	10350	406000	32	13	1.9	XCLT59FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	193	0	0		
442	Rossdale ST10	Edmonton Power	14000	72000	102	13	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	71	0	0		
443	Rossdale ST9	Edmonton Power	14000	71000	102	13	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	71	0	0		
444	Rossdale ST9	Edmonton Power	14000	73000	102	13	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Apr-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	71	0	0		
445	Copper GT	El Paso Electric Company	15800	71000	73	9	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	36	0	6	-1	-1	-1	-1	63	0	0		
446	Newman ST1	El Paso Electric Company	10390	83000	73	9	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	36	0	6	-1	-1	-1	-1	97	0	0		
447	Newman ST2	El Paso Electric Company	10390	82000	73	9	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	36	0	6	-1	-1	-1	-1	97	0	0		
448	Newman ST3																																

Number	Name	Utility	Maxiumm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
397	Roberts Tunnel 1	Denver CO, City & County of			FALSE						
398	Stonetta Springs 1	Denver CO, City & County of			FALSE						
399	Williams Fork 1	Denver CO, City & County of			FALSE						
400	Alamo 1	Department of Water Resources/			FALSE		H0058	ALAMO			
401	Devil Canyon 1	Department of Water Resources/			FALSE		H0137	DEVIL CANYON	CEDAR SPRINGS		
402	Devil Canyon 2	Department of Water Resources/			FALSE		H0137	DEVIL CANYON	CEDAR SPRINGS		
403	Devil Canyon 3	Department of Water Resources/			FALSE		H0137	DEVIL CANYON	CEDAR SPRINGS		
404	Devil Canyon 4	Department of Water Resources/			FALSE		H0137	DEVIL CANYON	CEDAR SPRINGS		
405	Edward C Hyatt 1	Department of Water Resources/			FALSE		H0164	EDWARD C HYATT			
406	Edward C Hyatt 5	Department of Water Resources/			FALSE		H0164	EDWARD C HYATT			
407	Edward C Hyatt 2	Department of Water Resources/	3031.992	0.5	FALSE		H0164	EDWARD C HYATT			
408	Edward C Hyatt 3	Department of Water Resources/			FALSE		H0164	EDWARD C HYATT			
409	Edward C Hyatt 4	Department of Water Resources/	3031.992	0.5	FALSE		H0164	EDWARD C HYATT			
410	Edward C Hyatt 6	Department of Water Resources/	3031.992	0.5	FALSE		H0164	EDWARD C HYATT			
411	Mojave Siphon 1	Department of Water Resources/			FALSE		H0337	MOJAVE SIPHON			
412	Mojave Siphon 2	Department of Water Resources/			FALSE		H0337	MOJAVE SIPHON			
413	Mojave Siphon 3	Department of Water Resources/			FALSE		H0337	MOJAVE SIPHON			
414	Thermalito 1	Department of Water Resources/			FALSE		H0510	THERMALITO			
415	Thermalito 2	Department of Water Resources/	615.984	0.5	FALSE		H0510	THERMALITO			
416	Thermalito 3	Department of Water Resources/	615.984	0.5	FALSE		H0510	THERMALITO			
417	Thermalito 4	Department of Water Resources/	615.984	0.5	FALSE		H0510	THERMALITO			
418	Thermalito Div Dam 1	Department of Water Resources/			FALSE		H0511	THERMALITO DIVERSION			
419	W E Warne 1	Department of Water Resources/			FALSE		H0567	WILLIAM E. WARNE	WILLIAM E. WARNE #1-#2		
420	W E Warne 2	Department of Water Resources/			FALSE		H0567	WILLIAM E. WARNE	WILLIAM E. WARNE #1-#2		
421	W R Gianelli 1	Department of Water Resources/	1224	0.5	FALSE		H0452	GIANELLI	SAN LUIS		
422	W R Gianelli 2	Department of Water Resources/	1200	0.5	FALSE		H0452	GIANELLI	SAN LUIS		
423	W R Gianelli 3	Department of Water Resources/	1200	0.5	FALSE		H0452	GIANELLI	SAN LUIS		
424	W R Gianelli 4	Department of Water Resources/	1200	0.5	FALSE		H0452	GIANELLI	SAN LUIS		
425	W R Gianelli 5	Department of Water Resources/	1200	0.5	FALSE		H0452	GIANELLI	SAN LUIS		
426	W R Gianelli 6	Department of Water Resources/	1200	0.5	FALSE		H0452	GIANELLI	SAN LUIS		
427	W R Gianelli 7	Department of Water Resources/	1200	0.5	FALSE		H0452	GIANELLI	SAN LUIS		
428	W R Gianelli 8	Department of Water Resources/	1200	0.5	FALSE		H0452	GIANELLI	SAN LUIS		
429	BMB Hydr0 1	Deseret Generation & Transmiss			FALSE						
430	Bonanza ST	Deseret Generation & Transmiss			FALSE						
431	Quail Creek 1	Deseret Generation & Transmiss			FALSE						
432	Sand Wash 1	Deseret Generation & Transmiss			FALSE						
433	Taylor Draw 1	Deseret Generation & Transmiss			FALSE						
434	Camanche 1-3	East Bay Municipal Util Dist -			FALSE		H0080	CAMANCHE DAM			
435	Pasdee 1-3	East Bay Municipal Util Dist -			FALSE		H0380	PARDEE DAM			
436	Clover Bar ST1	Edmonton Power			FALSE						
437	Clover Bar ST2	Edmonton Power			FALSE						
438	Clover Bar ST3	Edmonton Power			FALSE						
439	Clover Bar ST4	Edmonton Power			FALSE						
440	Genesee ST1	Edmonton Power			FALSE						
441	Genesee ST2	Edmonton Power			FALSE						
442	Rossdale ST10	Edmonton Power			FALSE						
443	Rossdale ST08	Edmonton Power			FALSE						
444	Rossdale ST09	Edmonton Power			FALSE						
445	Copper GT	El Paso Electric Company			FALSE						
446	Newman ST1	El Paso Electric Company			FALSE						
447	Newman ST2	El Paso Electric Company			FALSE						
448	Newman ST3	El Paso Electric Company			FALSE						
449	Newman CC	El Paso Electric Company			FALSE						
450	Rio Grande ST6	El Paso Electric Company			FALSE						
451	Rio Grande ST7	El Paso Electric Company			FALSE						
452	Rio Grande ST8	El Paso Electric Company			FALSE						
453	Short Mountain 1-5	Emerald Peoples Utility Distri			FALSE						
454	Hydro Plant No 1 1	Ephraim UT, City of			FALSE						
455	Hydro Plant No 3 2	Ephraim UT, City of			FALSE						
456	Hydro Plant No 3 3	Ephraim UT, City of			FALSE						
457	Hydro Plant No 4 1	Ephraim UT, City of			FALSE						
458	Bear Valley HC1	Escondido City of			FALSE		H0021	BEAR VALLEY			
459	Bear Valley HC2	Escondido City of			FALSE		H0021	BEAR VALLEY			
460	Rincon Power 1	Escondido City of			FALSE		H0411	RINCON HYDRO			
461	Rincon Power 2	Escondido City of			FALSE		H0411	RINCON HYDRO			
462	Leaburg 1	Eugene Water & Electric Board			FALSE						
463	Leaburg 2	Eugene Water & Electric Board			FALSE						
464	Smith Creek 1	Eugene Water & Electric Board			FALSE						
465	Smith Creek 2	Eugene Water & Electric Board			FALSE						
466	Smith Creek 3	Eugene Water & Electric Board			FALSE						
467	Stone Creek 1	Eugene Water & Electric Board			FALSE						
468	Trail Bridge 1 b	Eugene Water & Electric Board			FALSE						
469	Trail Bridge 1 a	Eugene Water & Electric Board			FALSE						
470	Trail Bridge 2	Eugene Water & Electric Board			FALSE						
471	Walterville 1	Eugene Water & Electric Board			FALSE						
472	Buffalo 1	Fall River Rural Elec Coop Inc			FALSE						
473	Felt 4	Fall River Rural Elec Coop Inc			FALSE						
474	Felt 5	Fall River Rural Elec Coop Inc			FALSE						
475	Island Park 1	Fall River Rural Elec Coop Inc			FALSE						
476	Island Park 2	Fall River Rural Elec Coop Inc			FALSE						
477	New Felt 3	Fall River Rural Elec Coop Inc			FALSE						
478	New Felt 4	Fall River Rural Elec Coop Inc			FALSE						
479	Animas 1	Farmington NM, City of			FALSE						
480	Animas ST3	Farmington NM, City of			FALSE						
481	Animas ST4	Farmington NM, City of			FALSE						
482	Animas CC	Farmington NM, City of			FALSE						
483	Navajo Dam 1	Farmington NM, City of			FALSE						
484	Navajo Dam 2	Farmington NM, City of			FALSE						
485	Boulder 1 GPA	Garkane Power Assn Inc - UT			FALSE						
486	Boulder 2 GPA	Garkane Power Assn Inc - UT			FALSE						
487	Boulder 3	Garkane Power Assn Inc - UT			FALSE						
488	Lower Boulder 1	Garkane Power Assn Inc - UT			FALSE						
489	Lower Boulder 2	Garkane Power Assn Inc - UT			FALSE						
490	Peterson Hydr0 1	Garkane Power Assn Inc - UT			FALSE						
491	Grayson ST3	Glendale CA, City of Public Se			FALSE		G0236	GRAYSON			
492	Grayson ST4	Glendale CA, City of Public Se			FALSE		G0236	GRAYSON			
493	Grayson ST5	Glendale CA, City of Public Se			FALSE		G0236	GRAYSON			
494	Grayson GT6	Glendale CA, City of Public Se			FALSE		G0236	GRAYSON			
495	Grayson GT7	Glendale CA, City of Public Se			FALSE		G0236	GRAYSON			

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
397	Roberts Tunnel 1	Denver CO, City & County of								0
398	Stontia Springs 1	Denver CO, City & County of								0
399	Williams Fork 1	Denver CO, City & County of								0
400	Altano 1	Department of Water Resources/	LOS ANGELES		31849 N. LAKE HUGHES ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
401	Devil Canyon 1	Department of Water Resources/	SAN BERNARDINO		6900 DEVIL CANYON ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
402	Devil Canyon 2	Department of Water Resources/	SAN BERNARDINO		6900 DEVIL CANYON ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
403	Devil Canyon 3	Department of Water Resources/	SAN BERNARDINO		6900 DEVIL CANYON ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
404	Devil Canyon 4	Department of Water Resources/	SAN BERNARDINO		6900 DEVIL CANYON ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
405	Edward C Hyatt 1	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	HYDRO, PUMPED STORAGE, WATER	NO	0
406	Edward C Hyatt 5	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	HYDRO, PUMPED STORAGE, WATER	NO	0
407	Edward C Hyatt 2	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	HYDRO, PUMPED STORAGE, WATER	NO	0
408	Edward C Hyatt 3	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	HYDRO, PUMPED STORAGE, WATER	NO	0
409	Edward C Hyatt 4	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	HYDRO, PUMPED STORAGE, WATER	NO	0
410	Edward C Hyatt 6	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	HYDRO, PUMPED STORAGE, WATER	NO	0
411	Mojave Siphon 1	Department of Water Resources/	SAN BERNARDINO			HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
412	Mojave Siphon 2	Department of Water Resources/	SAN BERNARDINO			HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
413	Mojave Siphon 3	Department of Water Resources/	SAN BERNARDINO			HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
414	Thermalito 1	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
415	Thermalito 2	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
416	Thermalito 3	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
417	Thermalito 4	Department of Water Resources/	BUTTE		460 GLEN DRIVE	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
418	Thermalito Div Dam 1	Department of Water Resources/	BUTTE		460 GLEN DRIVE	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
419	W E Warne 1	Department of Water Resources/	LOS ANGELES		31849 NORTH LAKE HUGHES ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
420	W E Warne 2	Department of Water Resources/	LOS ANGELES		31849 NORTH LAKE HUGHES ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
421	W R Gianelli 1	Department of Water Resources/	MERCED		31770 WEST HIGHWAY 152	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
422	W R Gianelli 2	Department of Water Resources/	MERCED		31770 WEST HIGHWAY 152	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
423	W R Gianelli 3	Department of Water Resources/	MERCED		31770 WEST HIGHWAY 152	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
424	W R Gianelli 4	Department of Water Resources/	MERCED		31770 WEST HIGHWAY 152	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
425	W R Gianelli 5	Department of Water Resources/	MERCED		31770 WEST HIGHWAY 152	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
426	W R Gianelli 6	Department of Water Resources/	MERCED		31770 WEST HIGHWAY 152	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
427	W R Gianelli 7	Department of Water Resources/	MERCED		31770 WEST HIGHWAY 152	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
428	W R Gianelli 8	Department of Water Resources/	MERCED		31770 WEST HIGHWAY 152	PUMPED STORAGE	HYDRO	PUMPED STORAGE, WATER	NO	0
429	BMB Hydro 1	Deseret Generation & Transmiss								0
430	Bonanza ST	Deseret Generation & Transmiss								0
431	Quail Creek 1	Deseret Generation & Transmiss								0
432	Sand Wash 1	Deseret Generation & Transmiss								0
433	Taylor Draw 1	Deseret Generation & Transmiss								0
434	Camanche 1-3	East Bay Municipal Util Dist	SAN JOAQUIN			HYDRO	HYDRO	HYDRO, WATER	NO	0
435	Paolde 1-3	East Bay Municipal Util Dist	AMADOR		PARDEE CENTER	HYDRO	HYDRO	HYDRO, WATER	NO	0
436	Clover Bar ST1	Edmonton Power								0
437	Clover Bar ST2	Edmonton Power								0
438	Clover Bar ST3	Edmonton Power								0
439	Clover Bar ST4	Edmonton Power								0
440	Genesee ST1	Edmonton Power								0
441	Genesee ST2	Edmonton Power								0
442	Rossdale ST10	Edmonton Power								0
443	Rossdale ST08	Edmonton Power								0
444	Rossdale ST09	Edmonton Power								0
445	Copper GT	El Paso Electric Company								0
446	Newman ST1	El Paso Electric Company								0
447	Newman ST2	El Paso Electric Company								0
448	Newman ST3	El Paso Electric Company								0
449	Newman CC	El Paso Electric Company								0
450	Rio Grande ST6	El Paso Electric Company								0
451	Rio Grande ST7	El Paso Electric Company								0
452	Rio Grande ST8	El Paso Electric Company								0
453	Short Mountain 1-5	Emerald Peoples Utility Distri								0
454	Hydro Plant No 1 1	Ephraim UT, City of								0
455	Hydro Plant No 3 2	Ephraim UT, City of								0
456	Hydro Plant No 3 3	Ephraim UT, City of								0
457	Hydro Plant No 4 1	Ephraim UT, City of								0
458	Bear Valley HC1	Escudido City of	SAN DIEGO		201 N. BROADWAY	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
459	Bear Valley HC2	Escudido City of	SAN DIEGO		201 N. BROADWAY	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
460	Rincon Power 1	Escudido City of	SAN DIEGO		201 NORTH BROADWAY	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
461	Rincon Power 2	Escudido City of	SAN DIEGO		201 NORTH BROADWAY	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
462	Leaburg 1	Eugene Water & Electric Board								0
463	Leaburg 2	Eugene Water & Electric Board								0
464	Smith Creek 1	Eugene Water & Electric Board								0
465	Smith Creek 2	Eugene Water & Electric Board								0
466	Smith Creek 3	Eugene Water & Electric Board								0
467	Stone Creek 1	Eugene Water & Electric Board								0
468	Trail Bridge 1 b	Eugene Water & Electric Board								0
469	Trail Bridge 1 a	Eugene Water & Electric Board								0
470	Trail Bridge 2	Eugene Water & Electric Board								0
471	Walterville 1	Eugene Water & Electric Board								0
472	Buffalo 1	Fall River Rural Elec Coop Inc								0
473	Felt 4	Fall River Rural Elec Coop Inc								0
474	Felt 5	Fall River Rural Elec Coop Inc								0
475	Island Park 1	Fall River Rural Elec Coop Inc								0
476	Island Park 2	Fall River Rural Elec Coop Inc								0
477	New Felt 3	Fall River Rural Elec Coop Inc								0
478	New Felt 4	Fall River Rural Elec Coop Inc								0
479	Animas 1	Farmington NM, City of								0
480	Animas ST3	Farmington NM, City of								0
481	Animas ST4	Farmington NM, City of								0
482	Animas CC	Farmington NM, City of								0
483	Navajo Dam 1	Farmington NM, City of								0
484	Navajo Dam 2	Farmington NM, City of								0
485	Boulder 1 GPA	Garkane Power Assn Inc - UT								0
486	Boulder 2 GPA	Garkane Power Assn Inc - UT								0
487	Boulder 3	Garkane Power Assn Inc - UT								0
488	Lower Boulder 1	Garkane Power Assn Inc - UT								0
489	Lower Boulder 2	Garkane Power Assn Inc - UT								0
490	Peterson Hydro 1	Garkane Power Assn Inc - UT								0
491	Grayson ST3	Glendale CA, City of Public Se	LOS ANGELES		634 BEKINS WAY	NATURAL GAS	OIL GAS	STEAM & COMBUSTION TURB, COMBINED CYCLE	NO	0
492	Grayson ST4	Glendale CA, City of Public Se	LOS ANGELES		634 BEKINS WAY	NATURAL GAS	OIL GAS	STEAM & COMBUSTION TURB, COMBINED CYCLE	NO	0
493	Grayson ST5	Glendale CA, City of Public Se	LOS ANGELES		634 BEKINS WAY	NATURAL GAS	OIL GAS	STEAM & COMBUSTION TURB, COMBINED CYCLE	NO	0
494	Grayson GT6	Glendale CA, City of Public Se	LOS ANGELES		634 BEKINS WAY	NATURAL GAS	OIL GAS	STEAM & COMBUSTION TURB, COMBINED CYCLE	NO	0
495	Grayson GT7	Glendale CA, City of Public Se	LOS ANGELES		634 BEKINS WAY	NATURAL GAS	OIL GAS	STEAM & COMBUSTION TURB, COMBINED CYCLE	NO	0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cyclic	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Shape	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOX Emission Rate	SO2 Emission Rate	Recharge Capacity
496	Grayson CC	Glendale CA, City of Public Se	7700	95000	97	3	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	120	0	0		
497	Heber Light & Power Company	Heber Light & Power Company	8000	650	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
498	Heber City IC2	Heber Light & Power Company	8000	650	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
499	Heber City IC3	Heber Light & Power Company	8000	650	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
500	Heber City IC4	Heber Light & Power Company	8000	650	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
501	Heber City IC5	Heber Light & Power Company	8000	750	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
502	Heber City IC6	Heber Light & Power Company	8000	750	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
503	Heber City IC7	Heber Light & Power Company	8000	1600	42	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
504	Heber City IC8	Heber Light & Power Company	10000	1500	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	163	0	0		
505	Lake Creek 1 HLLPC	Heber Light & Power Company	0	300	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
506	Snake Creek 1 HLLPC	Heber Light & Power Company	0	300	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
507	Hyrum 1	Hyrum City Corp - UT	0	400	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
508	City Power Plant 3	Idaho Falls ID, City of	0	8000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
509	Gen State 1	Idaho Falls ID, City of	0	15000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
510	Lower No 1 2	Idaho Falls ID, City of	0	8000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
511	Lower No 2 1	Idaho Falls ID, City of	0	3000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
512	Upper Power Plant 4	Idaho Falls ID, City of	0	8000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
513	American Falls 1	Idaho Power Company - ID	0	4000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
514	American Falls 2	Idaho Power Company - ID	0	4000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
515	American Falls 3	Idaho Power Company - ID	0	3000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
516	Bliss 1	Idaho Power Company - ID	0	25000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
517	Bliss 2	Idaho Power Company - ID	0	25000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
518	Bliss 3	Idaho Power Company - ID	0	25000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
519	Brownlee 1	Idaho Power Company - ID	0	110000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
520	Brownlee 2	Idaho Power Company - ID	0	110000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
521	Brownlee 3	Idaho Power Company - ID	0	110000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
522	Brownlee 4	Idaho Power Company - ID	0	110000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
523	Brownlee 5	Idaho Power Company - ID	0	235000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
524	CJ Strike 1	Idaho Power Company - ID	0	29000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Oct-00	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
525	CJ Strike 2	Idaho Power Company - ID	0	29000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Oct-00	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
526	CJ Strike 3	Idaho Power Company - ID	0	30000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Oct-00	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
527	Cascade 1	Idaho Power Company - ID	0	2000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
528	Cascade 2	Idaho Power Company - ID	0	2000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
529	Clear Lake 1	Idaho Power Company - ID	0	2000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
530	Hells Canyon 1	Idaho Power Company - ID	0	150000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
531	Hells Canyon 2	Idaho Power Company - ID	0	150000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
532	Hells Canyon 3	Idaho Power Company - ID	0	150000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
533	Lower Malad 1	Idaho Power Company - ID	0	13000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
534	Lower Salmon 1	Idaho Power Company - ID	0	17000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
535	Lower Salmon 2	Idaho Power Company - ID	0	17000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Oct-00	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
536	Lower Salmon 3	Idaho Power Company - ID	0	17000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
537	Lower Salmon 4	Idaho Power Company - ID	0	17000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
538	Evander Andrews GT2	Idaho Power Company - ID	10000	45000	108	5	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	97	0	0		
539	Evander Andrews GT3	Idaho Power Company - ID	10000	45000	108	5	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	97	0	0		
540	Glens Ferry CCGG	Idaho Power Company - ID	8000	10300	80	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
541	Raper CCGG	Idaho Power Company - ID	8000	10300	80	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
542	Milner Hydro 1	Idaho Power Company - ID	0	4000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
543	Milner Hydro 2	Idaho Power Company - ID	0	12000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
544	Milner Hydro 3	Idaho Power Company - ID	0	833	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
545	Oxbow 1 IPC	Idaho Power Company - ID	0	55000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
546	Oxbow 2	Idaho Power Company - ID	0	55000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
547	Oxbow 3	Idaho Power Company - ID	0	55000	1	5	-1	-1	01-Jan-80																								

Number	Name	Utility	Maximm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
496	Grayson CC	Glendale CA, City of Public Se			FALSE		G0236	GRAYSON			
497	Heber City IC1	Heber Light & Power Company -			FALSE						
498	Heber City IC2	Heber Light & Power Company -			FALSE						
499	Heber City IC3	Heber Light & Power Company -			FALSE						
500	Heber City IC4	Heber Light & Power Company -			FALSE						
501	Heber City IC5	Heber Light & Power Company -			FALSE						
502	Heber City IC6	Heber Light & Power Company -			FALSE						
503	Heber City IC7	Heber Light & Power Company -			FALSE						
504	Heber City IC8	Heber Light & Power Company -			FALSE						
505	Lake Creek 1 HLPC	Heber Light & Power Company -			FALSE						
506	Snake Creek 1 HLPC	Heber Light & Power Company -			FALSE						
507	Hyrum 1	Hyrum City Corp - UT			FALSE						
508	City Power Plant 3	Idaho Falls ID, City of			FALSE						
509	Gen State 1	Idaho Falls ID, City of			FALSE						
510	Lower No 1 2	Idaho Falls ID, City of			FALSE						
511	Lower No 2 1	Idaho Falls ID, City of			FALSE						
512	Upper Power Plant 4	Idaho Falls ID, City of			FALSE						
513	American Falls 1	Idaho Power Company - ID			FALSE						
514	American Falls 2	Idaho Power Company - ID			FALSE						
515	American Falls 3	Idaho Power Company - ID			FALSE						
516	Bliss 1	Idaho Power Company - ID			FALSE						
517	Bliss 2	Idaho Power Company - ID			FALSE						
518	Bliss 3	Idaho Power Company - ID			FALSE						
519	Brownlee 1	Idaho Power Company - ID			FALSE						
520	Brownlee 2	Idaho Power Company - ID			FALSE						
521	Brownlee 3	Idaho Power Company - ID			FALSE						
522	Brownlee 4	Idaho Power Company - ID			FALSE						
523	Brownlee 5	Idaho Power Company - ID			FALSE						
524	CJ Strike 1	Idaho Power Company - ID			FALSE						
525	CJ Strike 2	Idaho Power Company - ID			FALSE						
526	CJ Strike 3	Idaho Power Company - ID			FALSE						
527	Cascade 1	Idaho Power Company - ID			FALSE						
528	Cascade 2	Idaho Power Company - ID			FALSE						
529	Clear Lakes 1	Idaho Power Company - ID			FALSE						
530	Hells Canyon 1	Idaho Power Company - ID			FALSE						
531	Hells Canyon 2	Idaho Power Company - ID			FALSE						
532	Hells Canyon 3	Idaho Power Company - ID			FALSE						
533	Lower Malad 1	Idaho Power Company - ID			FALSE						
534	Lower Salmon 1	Idaho Power Company - ID			FALSE						
535	Lower Salmon 2	Idaho Power Company - ID			FALSE						
536	Lower Salmon 3	Idaho Power Company - ID			FALSE						
537	Lower Salmon 4	Idaho Power Company - ID			FALSE						
538	Evander Andrews GT2	Idaho Power Company - ID			FALSE						
539	Evander Andrews GT3	Idaho Power Company - ID			FALSE						
540	Glenns Ferry CCGG	Idaho Power Company - ID			FALSE						
541	Raper CCGG	Idaho Power Company - ID			FALSE						
542	Milner Hydro 1	Idaho Power Company - ID			FALSE						
543	Milner Hydro 2	Idaho Power Company - ID			FALSE						
544	Milner Hydro 3	Idaho Power Company - ID			FALSE						
545	Oxbow 1 IPC	Idaho Power Company - ID			FALSE						
546	Oxbow 2	Idaho Power Company - ID			FALSE						
547	Oxbow 3	Idaho Power Company - ID			FALSE						
548	Oxbow 4	Idaho Power Company - ID			FALSE						
549	Pocatello Wastewater	Idaho Power Company - ID			FALSE						
550	Shoshone Falls 1	Idaho Power Company - ID			FALSE						
551	Shoshone Falls 2	Idaho Power Company - ID			FALSE						
552	Shoshone Falls 3	Idaho Power Company - ID			FALSE						
553	Shoshone H	Idaho Power Company - ID			FALSE						
554	Simpson GTCG	Idaho Power Company - ID			FALSE						
555	Small Hydro 58	Idaho Power Company - ID			FALSE						
556	Swan Falls P1	Idaho Power Company - ID			FALSE						
557	Swan Falls P2	Idaho Power Company - ID			FALSE						
558	Thousand Springs 1	Idaho Power Company - ID			FALSE						
559	Thousand Springs 2	Idaho Power Company - ID			FALSE						
560	Thousand Springs 3	Idaho Power Company - ID			FALSE						
561	Twin Falls 1	Idaho Power Company - ID			FALSE						
562	Twin Falls 2	Idaho Power Company - ID			FALSE						
563	Upper Malad 1	Idaho Power Company - ID			FALSE						
564	Upper Salmon A 1	Idaho Power Company - ID			FALSE						
565	Upper Salmon A 2	Idaho Power Company - ID			FALSE						
566	Upper Salmon B 1	Idaho Power Company - ID			FALSE						
567	Upper Salmon B 2	Idaho Power Company - ID			FALSE						
568	Vaagen Bros	Idaho Power Company - ID			FALSE						
569	West Boise Waste	Idaho Power Company - ID			FALSE						
570	Tamarack Energy	Idaho Power Company - ID			FALSE						
571	Brawley GT1	Imperial Irrigation District -			FALSE		G0059	BRAWLEY			
572	Brawley GT2	Imperial Irrigation District -			FALSE		G0059	BRAWLEY			
573	Coachella ST1	Imperial Irrigation District -			FALSE		G0130	COACHELLA			
574	Coachella ST2	Imperial Irrigation District -			FALSE		G0130	COACHELLA			
575	Coachella ST3	Imperial Irrigation District -			FALSE		G0130	COACHELLA			
576	Coachella ST4	Imperial Irrigation District -			FALSE		G0130	COACHELLA			
577	Double Weir 1	Imperial Irrigation District -			FALSE		H0146	DOUBLE WEIR			
578	Double Weir 2	Imperial Irrigation District -			FALSE		H0146	DOUBLE WEIR			
579	Drop 1 1	Imperial Irrigation District -			FALSE		H0148	DROP 1			
580	Drop 1 2	Imperial Irrigation District -			FALSE		H0148	DROP 1			
581	Drop 1 3	Imperial Irrigation District -			FALSE		H0148	DROP 1			
582	Drop 2 1 IID	Imperial Irrigation District -			FALSE		H0149	DROP 2			
583	Drop 2 2	Imperial Irrigation District -			FALSE		H0149	DROP 2			
584	Drop 3 1 IID	Imperial Irrigation District -			FALSE		H0150	DROP 3			
585	Drop 3 2 IID	Imperial Irrigation District -			FALSE		H0150	DROP 3			
586	Drop 4 1	Imperial Irrigation District -			FALSE		H0151	DROP 4			
587	Drop 4 2	Imperial Irrigation District -			FALSE		H0151	DROP 4			
588	Drop 5 1	Imperial Irrigation District -			FALSE		H0152	DROP 5			
589	Drop 5 2	Imperial Irrigation District -			FALSE		H0152	DROP 5			
590	East Highline 1	Imperial Irrigation District -			FALSE		H0160	EAST HIGHLINE			
591	El Centro ST3	Imperial Irrigation District -			FALSE		G0190	EL CENTRO	EL CENTRO #1-#4		
592	El Centro ST4	Imperial Irrigation District -			FALSE		G0190	EL CENTRO	EL CENTRO #1-#4		
593	El Centro CC2	Imperial Irrigation District -			FALSE		G0190	EL CENTRO	EL CENTRO #1-#4		
594	Pilot Knob 1	Imperial Irrigation District -			FALSE		H0385	PILOT KNOB			



Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
496	Grayson CC	Glendale CA, City of Public Se	LOS ANGELES		634 BEKINS WAY	NATURAL GAS	OIL GAS	STEAM & COMBUSTION TURB. COMBINED CYCLE	NO	0
497	Heber City IC1	Heber Light & Power Company -								0
498	Heber City IC2	Heber Light & Power Company -								0
499	Heber City IC3	Heber Light & Power Company -								0
500	Heber City IC4	Heber Light & Power Company -								0
501	Heber City IC5	Heber Light & Power Company -								0
502	Heber City IC6	Heber Light & Power Company -								0
503	Heber City IC7	Heber Light & Power Company -								0
504	Heber City IC8	Heber Light & Power Company -								0
505	Lake Creek 1 HLPC	Heber Light & Power Company -								0
506	Snake Creek 1 HLPC	Heber Light & Power Company -								0
507	Hyrum 1	Hyrum City Corp - UT								0
508	City Power Plant 3	Idaho Falls ID, City of								0
509	Gen State 1	Idaho Falls ID, City of								0
510	Lower No 1 2	Idaho Falls ID, City of								0
511	Lower No 2 1	Idaho Falls ID, City of								0
512	Upper Power Plant 4	Idaho Falls ID, City of								0
513	American Falls 1	Idaho Power Company - ID								0
514	American Falls 2	Idaho Power Company - ID								0
515	American Falls 3	Idaho Power Company - ID								0
516	Bliss 1	Idaho Power Company - ID								0
517	Bliss 2	Idaho Power Company - ID								0
518	Bliss 3	Idaho Power Company - ID								0
519	Brownlee 1	Idaho Power Company - ID								0
520	Brownlee 2	Idaho Power Company - ID								0
521	Brownlee 3	Idaho Power Company - ID								0
522	Brownlee 4	Idaho Power Company - ID								0
523	Brownlee 5	Idaho Power Company - ID								0
524	CJ Strike 1	Idaho Power Company - ID								0
525	CJ Strike 2	Idaho Power Company - ID								0
526	CJ Strike 3	Idaho Power Company - ID								0
527	Cascade 1	Idaho Power Company - ID								0
528	Cascade 2	Idaho Power Company - ID								0
529	Clear Lakes 1	Idaho Power Company - ID								0
530	Hells Canyon 1	Idaho Power Company - ID								0
531	Hells Canyon 2	Idaho Power Company - ID								0
532	Hells Canyon 3	Idaho Power Company - ID								0
533	Lower Mahad 1	Idaho Power Company - ID								0
534	Lower Salmon 1	Idaho Power Company - ID								0
535	Lower Salmon 2	Idaho Power Company - ID								0
536	Lower Salmon 3	Idaho Power Company - ID								0
537	Lower Salmon 4	Idaho Power Company - ID								0
538	Evander Andrews GT2									0
539	Evander Andrews GT3									0
540	Glenns Ferry CCGG	Idaho Power Company - ID								0
541	Raper CCGG	Idaho Power Company - ID								0
542	Hydro 1	Idaho Power Company - ID								0
543	Milner Hydro 2	Idaho Power Company - ID								0
544	Milner Hydro 3	Idaho Power Company - ID								0
545	Oxbow 1 PC	Idaho Power Company - ID								0
546	Oxbow 2	Idaho Power Company - ID								0
547	Oxbow 3	Idaho Power Company - ID								0
548	Oxbow 4	Idaho Power Company - ID								0
549	Pocastello Wastewater	Idaho Power Company - ID								0
550	Shoshone Falls 1	Idaho Power Company - ID								0
551	Shoshone Falls 2	Idaho Power Company - ID								0
552	Shoshone Falls 3	Idaho Power Company - ID								0
553	Shoshone II	Idaho Power Company - ID								0
554	Simplon GTCG	Idaho Power Company - ID								0
555	Small Hydro 58	Idaho Power Company - ID								0
556	Swan Falls P1	Idaho Power Company - ID								0
557	Swan Falls P2	Idaho Power Company - ID								0
558	Thousand Springs 1	Idaho Power Company - ID								0
559	Thousand Springs 2	Idaho Power Company - ID								0
560	Thousand Springs 3	Idaho Power Company - ID								0
561	Twin Falls 1	Idaho Power Company - ID								0
562	Twin Falls 2	Idaho Power Company - ID								0
563	Upper Mahad 1	Idaho Power Company - ID								0
564	Upper Salmon A 1	Idaho Power Company - ID								0
565	Upper Salmon A 2	Idaho Power Company - ID								0
566	Upper Salmon B 1	Idaho Power Company - ID								0
567	Upper Salmon B 2	Idaho Power Company - ID								0
568	Vaagen Bros	Idaho Power Company - ID								0
569	West Boise Waste	Idaho Power Company - ID								0
570	Tamarack Energy	Idaho Power Company - ID								0
571	Brasley GT1	Imperial Irrigation District -	IMPERIAL		750 DOGWOOD ROAD	DISTILLATE OIL	OIL GAS	COMBUSTION TURBINE	NO	0
572	Brasley GT2	Imperial Irrigation District -	IMPERIAL		750 DOGWOOD ROAD	DISTILLATE OIL	OIL GAS	COMBUSTION TURBINE	NO	0
573	Cocchella ST1	Imperial Irrigation District -	RIVERSIDE		1280 GRAPEFRUIT BLVD.	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, NATURAL GAS	NO	0
574	Cocchella ST2	Imperial Irrigation District -	RIVERSIDE		1280 GRAPEFRUIT BLVD.	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, NATURAL GAS	NO	0
575	Cocchella ST3	Imperial Irrigation District -	RIVERSIDE		1280 GRAPEFRUIT BLVD.	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, NATURAL GAS	NO	0
576	Cocchella ST4	Imperial Irrigation District -	RIVERSIDE		1280 GRAPEFRUIT BLVD.	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, NATURAL GAS	NO	0
577	Double Weir 1	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRO, WATER	NO	0
578	Double Weir 2	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRO, WATER	NO	0
579	Drop 1 1	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRO, WATER	NO	0
580	Drop 1 2	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRO, WATER	NO	0
581	Drop 1 3	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRO, WATER	NO	0
582	Drop 2 1 IID	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
583	Drop 2 2	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
584	Drop 3 1 IID	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
585	Drop 3 2 IID	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
586	Drop 4 1	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
587	Drop 4 2	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
588	Drop 5 1	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
589	Drop 5 2	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
590	East Hightline 1	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRO, WATER	NO	0
591	E1 Centro ST3	Imperial Irrigation District -	IMPERIAL		485 EAST VILLA ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
592	E1 Centro ST4	Imperial Irrigation District -	IMPERIAL		485 EAST VILLA ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
593	E1 Centro CC2	Imperial Irrigation District -	IMPERIAL		485 EAST VILLA ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
594	Pilot Kaob 1	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HRDRO, WATER	NO	0



Number	Name	Utility	Maximm Storage	Initial Contants	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
595	Pilot Knob 2	Imperial Irrigation District -			FALSE		H0385	PILOT KNOB			
596	Rockwood ST1	Imperial Irrigation District -			FALSE		G0504				
597	Rockwood ST2	Imperial Irrigation District -			FALSE		G0504				
598	Turnip 1	Imperial Irrigation District -			FALSE		H0531	TURNIP			
599	Yuma Axis GT1	Imperial Irrigation District -			FALSE						
600	Pine Flat 1	Kings River Conservation Distr			FALSE		H0387	PINE FLAT			
601	Pine Flat 2	Kings River Conservation Distr			FALSE		H0387	PINE FLAT			
602	Pine Flat 3	Kings River Conservation Distr			FALSE		H0387	PINE FLAT			
603	Lamar Plant ST4	Lamar CO, City of			FALSE						
604	Lamar Plant IC1	Lamar CO, City of			FALSE						
605	Lamar Plant IC2	Lamar CO, City of			FALSE						
606	Cobble Rock 1	Levan UT, City of			FALSE						
607	Pigeon Creek 1	Levan UT, City of			FALSE						
608	Hydro II 1	Logan UT, City of			FALSE						
609	Hydro II 2	Logan UT, City of			FALSE						
610	Hydro III HV1	Logan UT, City of			FALSE						
611	Hydro III HV2	Logan UT, City of			FALSE						
612	Hydro III HV3	Logan UT, City of			FALSE						
613	Logan City IC4	Logan UT, City of			FALSE						
614	Logan City IC5A	Logan UT, City of			FALSE						
615	Logan City IC5B	Logan UT, City of			FALSE						
616	Logan City IC6	Logan UT, City of			FALSE						
617	Longmont 1	Longmont CO, City of			FALSE						
618	Longmont 2	Longmont CO, City of			FALSE						
619	Abiquiu 1	Los Alamos County - NM			FALSE						
620	Abiquiu 2	Los Alamos County - NM			FALSE						
621	El Vado Dam 1	Los Alamos County - NM			FALSE						
622	Big Pine 1	Los Angeles Department of Wate			FALSE		H0040	BIG PINE			
623	Castaic 1	Los Angeles Department of Wate	5760	0.5	FALSE		H0090	CASTAIC			
624	Castaic 2	Los Angeles Department of Wate	5760	0.5	FALSE		H0090	CASTAIC			
625	Castaic 3	Los Angeles Department of Wate	5760	0.5	FALSE		H0090	CASTAIC			
626	Castaic 4	Los Angeles Department of Wate	5760	0.5	FALSE		H0090	CASTAIC			
627	Castaic 5	Los Angeles Department of Wate	5760	0.5	FALSE		H0090	CASTAIC			
628	Castaic 6	Los Angeles Department of Wate	5760	0.5	FALSE		H0090	CASTAIC			
629	Castaic 7	Los Angeles Department of Wate			FALSE		H0090	CASTAIC			
630	Control Gorge 1	Los Angeles Department of Wate			FALSE		H0110	CONTROL GORGE			
631	Cottonwood 1	Los Angeles Department of Wate			FALSE		H0116	COTTONWOOD			
632	Cottonwood 2	Los Angeles Department of Wate			FALSE		H0116	COTTONWOOD			
633	Division Creek 1	Los Angeles Department of Wate			FALSE		H0142	DIVISION CREEK	DIVISION		
634	Foothill 1	Los Angeles Department of Wate			FALSE		H0189	FOOTHILL			
635	Franklin 1	Los Angeles Department of Wate			FALSE		H0193	FRANKLIN			
636	Haiwee 1	Los Angeles Department of Wate			FALSE		H0216	HAIWEE			
637	Haiwee 2	Los Angeles Department of Wate			FALSE		H0216	HAIWEE			
638	Harbor CC10	Los Angeles Department of Wate			FALSE		G0245	HARBOR	HARBOR #6 -#9		
639	Harbor GT6	Los Angeles Department of Wate			FALSE		G0245	HARBOR	HARBOR #6 -#9		
640	Harbor GT7	Los Angeles Department of Wate			FALSE		G0245	HARBOR	HARBOR #6 -#9		
641	Harbor GT11				FALSE						
642	Harbor GT12				FALSE						
643	Harbor GT13				FALSE						
644	Harbor GT14				FALSE						
645	Haynes ST1	Los Angeles Department of Wate			FALSE		G0249	HAYNES	HAYNES #1-#6		
646	Haynes ST2	Los Angeles Department of Wate			FALSE		G0249	HAYNES	HAYNES #1-#6		
647	Haynes ST3	Los Angeles Department of Wate			FALSE		G0249	HAYNES	HAYNES #1-#6		
648	Haynes ST4	Los Angeles Department of Wate			FALSE		G0249	HAYNES	HAYNES #1-#6		
649	Haynes ST5	Los Angeles Department of Wate			FALSE		G0249	HAYNES	HAYNES #1-#6		
650	Haynes ST6	Los Angeles Department of Wate			FALSE		G0249	HAYNES	HAYNES #1-#6		
651	Intermountain ST1 rerated	Los Angeles Department of Wate			FALSE						
652	Intermountain ST2 rerated	Los Angeles Department of Wate			FALSE						
653	LA Civic Center CCG	Los Angeles Department of Wate			FALSE		G0758	CIVIC CENTER COGENERATION			
654	LAX Airport GTCG1	Los Angeles Department of Wate			FALSE			delete			
655	LAX Airport GTCG2	LAX Airport			FALSE						
656	Middle Gorge 1	Los Angeles Department of Wate			FALSE		H0528	MIDDLE GORGE			
657	Olive View Med Cntr GTCG1	Los Angeles Department of Wate			FALSE						
658	Olive View Med Cntr GTCG2	Los Angeles County			FALSE						
659	Pleasant Valley 1	Los Angeles Department of Wate			FALSE		H0394	PLEASANT VALLEY			
660	San Fernando 1	Los Angeles Department of Wate			FALSE		H0438	SAN FERNANDO	SAN FERNANDO #1-#2		
661	San Fernando 2	Los Angeles Department of Wate			FALSE		H0438	SAN FERNANDO	SAN FERNANDO #1-#2		
662	San Francisco 1.1A	Los Angeles Department of Wate			FALSE		H0441	SAN FRANCISQUITO 1			
663	San Francisco 1.3	Los Angeles Department of Wate			FALSE		H0441	SAN FRANCISQUITO 1			
664	San Francisco 1.4	Los Angeles Department of Wate			FALSE		H0441	SAN FRANCISQUITO 1			
665	San Francisco 1.6	Los Angeles Department of Wate			FALSE		H0441	SAN FRANCISQUITO 1			
666	San Francisco 2.1	Los Angeles Department of Wate			FALSE		H0440	SAN FRANCISQUITO 2			
667	San Francisco 2.2	Los Angeles Department of Wate			FALSE		H0440	SAN FRANCISQUITO 2			
668	San Francisco 2.3	Los Angeles Department of Wate			FALSE		H0440	SAN FRANCISQUITO 2			
669	Sawtelle 1	Los Angeles Department of Wate			FALSE		H0467	SAWTELLE			
670	Scattergood ST1	Los Angeles Department of Wate			FALSE		G0549	SCATTERGOOD	SCATTERGOOD #1-#3		
671	Scattergood ST2	Los Angeles Department of Wate			FALSE		G0549	SCATTERGOOD	SCATTERGOOD #1-#3		
672	Scattergood ST3	Los Angeles Department of Wate			FALSE		G0549	SCATTERGOOD	SCATTERGOOD #1-#3		
673	Texaco GT1	Los Angeles Department of Wate			FALSE		G0776	TEXACO LOS ANGELES REFINERY EXPANSION (WILMINGTON)			
674	Texaco GT2	Equilon Enterprises			FALSE						
675	Texaco Expansion GT	Los Angeles Department of Wate			FALSE			delete			
676	Upper Gorge 1	Los Angeles Department of Wate			FALSE		H0536	UPPER GORGE			
677	Valley GT5				FALSE						
678	Idylwild 1	Loveland CO, City of			FALSE						
679	Idylwild 2	Loveland CO, City of			FALSE						
680	Strawberry Creek 1	Lower Valley Power & Light Inc			FALSE						
681	Strawberry Creek 2	Lower Valley Power & Light Inc			FALSE						
682	Strawberry Creek 3	Lower Valley Power & Light Inc			FALSE						
683	Manti Lower 1	Manti UT, City of			FALSE						
684	Manti Lower 2	Manti UT, City of			FALSE						
685	Manti Upper 2	Manti UT, City of			FALSE						
686	Medicine Hat 10GT	Medicine Hat, City of			FALSE						
687	Medicine Hat 11GT	Medicine Hat, City of			FALSE						
688	Medicine Hat 12ST	Medicine Hat, City of			FALSE	EPIS New Plant 6/11/01				Canada	AB
689	Medicine Hat 03ST	Medicine Hat, City of			FALSE						
690	Medicine Hat 04ST	Medicine Hat, City of			FALSE						
691	Medicine Hat 05GT	Medicine Hat, City of			FALSE						
692	Medicine Hat 06ST	Medicine Hat, City of			FALSE						
693	Medicine Hat 07ST	Medicine Hat, City of			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
595	Pilot Knob 2	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HRDRO WATER	NO	0
596	Rockwood ST1	Imperial Irrigation District -	IMPERIAL		4195 DOGWOOD ROAD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
597	Rockwood ST2	Imperial Irrigation District -	IMPERIAL		4195 DOGWOOD ROAD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
598	Trump 1	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
599	Yuma Axis GT1	Imperial Irrigation District -	IMPERIAL			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
600	Pine Flat 1	Kings River Conservation Distr	FRESNO			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
601	Pine Flat 2	Kings River Conservation Distr	FRESNO			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
602	Pine Flat 3	Kings River Conservation Distr	FRESNO			HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
603	Lamar Plant ST4	Lamar CO, City of								0
604	Lamar Plant IC1	Lamar CO, City of								0
605	Lamar Plant IC2	Lamar CO, City of								0
606	Cobble Rock 1	Levan UT, City of								0
607	Pigeon Creek 1	Levan UT, City of								0
608	Hydro II 1	Logan UT, City of								0
609	Hydro II 2	Logan UT, City of								0
610	Hydro III HV1	Logan UT, City of								0
611	Hydro III HV2	Logan UT, City of								0
612	Hydro III HV3	Logan UT, City of								0
613	Logan City IC4	Logan UT, City of								0
614	Logan City IC5A	Logan UT, City of								0
615	Logan City IC5B	Logan UT, City of								0
616	Logan City IC6	Logan UT, City of								0
617	Longmont 1	Longmont CO, City of								0
618	Longmont 2	Longmont CO, City of								0
619	Abiquiu 1	Los Alamos County - NM								0
620	Abiquiu 2	Los Alamos County - NM								0
621	El Vado Dam 1	Los Alamos County - NM								0
622	Big Pine 1	Los Angeles Department of Water	INYO		400 CONE ROAD	HYDRO	HYDRO	RUN-OF-RIVER, HYDRAULIC TURBINE-PIPELINE	NO	0
623	Castaic 1	Los Angeles Department of Water	LOS ANGELES		37700 TEMPLIN HIGHWAY	PUMPED STORAGE	HYDRO	PUMPED STORAGE WATER	NO	0
624	Castaic 2	Los Angeles Department of Water	LOS ANGELES		37700 TEMPLIN HIGHWAY	PUMPED STORAGE	HYDRO	PUMPED STORAGE WATER	NO	0
625	Castaic 3	Los Angeles Department of Water	LOS ANGELES		37700 TEMPLIN HIGHWAY	PUMPED STORAGE	HYDRO	PUMPED STORAGE WATER	NO	0
626	Castaic 4	Los Angeles Department of Water	LOS ANGELES		37700 TEMPLIN HIGHWAY	PUMPED STORAGE	HYDRO	PUMPED STORAGE WATER	NO	0
627	Castaic 5	Los Angeles Department of Water	LOS ANGELES		37700 TEMPLIN HIGHWAY	PUMPED STORAGE	HYDRO	PUMPED STORAGE WATER	NO	0
628	Castaic 6	Los Angeles Department of Water	LOS ANGELES		37700 TEMPLIN HIGHWAY	PUMPED STORAGE	HYDRO	PUMPED STORAGE WATER	NO	0
629	Castaic 7	Los Angeles Department of Water	LOS ANGELES		37700 TEMPLIN HIGHWAY	PUMPED STORAGE	HYDRO	PUMPED STORAGE WATER	NO	0
630	Control Gorge 1	Los Angeles Department of Water	INYO		OWENS RIVER, 14.3 MILES NORTH OF BISHOP	HYDRO	HYDRO	RUN-OF-RIVER, GAS TURBINE	NO	0
631	Cottonwood 1	Los Angeles Department of Water	INYO		ON POWERHOUSE ROAD, 11.6 MILES SOUTH OF LONE PINE	HYDRO	HYDRO	RUN-OF-RIVER, GAS TURBINE	NO	0
632	Cottonwood 2	Los Angeles Department of Water	INYO		ON POWERHOUSE ROAD, 11.6 MILES SOUTH OF LONE PINE	HYDRO	HYDRO	RUN-OF-RIVER, GAS TURBINE	NO	0
633	Division Creek 1	Los Angeles Department of Water	INYO		12 MILES NORTH OF INDEPENDENCE ON DIVISION CREEK	HYDRO	HYDRO	RUN-OF-RIVER, GAS TURBINE	NO	0
634	Foothill 1	Los Angeles Department of Water	LOS ANGELES		14351 SAN FERNANDO ROAD	HYDRO	HYDRO	RUN-OF-RIVER, GAS TURBINE	NO	0
635	Franklin 1	Los Angeles Department of Water	LOS ANGELES		1298 N BEVERLY DRIVE	HYDRO	HYDRO	RUN-OF-RIVER, GAS TURBINE	NO	0
636	Hauiwe 1	Los Angeles Department of Water	INYO		SOUTH HAIWE RD, 15.5 MILES SOUTH OF OLANCHA	HYDRO	HYDRO	RUN-OF-RIVER, GAS TURBINE	NO	0
637	Hauiwe 2	Los Angeles Department of Water	INYO		SOUTH HAIWE RD, 15.5 MILES SOUTH OF OLANCHA	HYDRO	HYDRO	RUN-OF-RIVER, GAS TURBINE	NO	0
638	Harbor CC10	Los Angeles Department of Water	LOS ANGELES		161 N. ISLAND AVENUE	NATURAL GAS	OIL GAS	GAS TURBINE, NATURAL GAS	YES	0
639	Harbor GT6	Los Angeles Department of Water	LOS ANGELES		161 N. ISLAND AVENUE	NATURAL GAS	OIL GAS	GAS TURBINE, NATURAL GAS	YES	0
640	Harbor GT7	Los Angeles Department of Water	LOS ANGELES		161 N. ISLAND AVENUE	NATURAL GAS	OIL GAS	GAS TURBINE, NATURAL GAS	YES	0
641	Harbor GT11									0
642	Harbor GT12									0
643	Harbor GT13									0
644	Harbor GT14									0
645	Haynes ST1	Los Angeles Department of Water	LOS ANGELES		6801 WESTMINSTER AVENUE	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
646	Haynes ST2	Los Angeles Department of Water	LOS ANGELES		6801 WESTMINSTER AVENUE	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
647	Haynes ST3	Los Angeles Department of Water	LOS ANGELES		6801 WESTMINSTER AVENUE	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
648	Haynes ST4	Los Angeles Department of Water	LOS ANGELES		6801 WESTMINSTER AVENUE	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
649	Haynes ST5	Los Angeles Department of Water	LOS ANGELES		6801 WESTMINSTER AVENUE	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
650	Haynes ST6	Los Angeles Department of Water	LOS ANGELES		6801 WESTMINSTER AVENUE	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
651	Intermountain ST1 rerated	Los Angeles Department of Water								0
652	Intermountain ST2 rerated	Los Angeles Department of Water								0
653	LA Civic Center CCGC	Los Angeles Department of Water	LOS ANGELES		301 NORTH BROADWAY	NATURAL GAS	OIL GAS		YES	0
654	LAX Airport GTCG1	Los Angeles Department of Water								0
655	LAX Airport GTCG2	LAX Airport								0
656	Middle Gorge 1	Los Angeles Department of Water	MONO		OWENS RIVER, 18.5 MILES NORTH OF BISHOP	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
657	Olive View Med Cntr GTCG1	Los Angeles Department of Water								0
658	Olive View Med Cntr GTCG2	Los Angeles County								0
659	Pleasant Valley 1	Los Angeles Department of Water	INYO		ON OWENS RIVER, 9.5 MILES NORTH OF BISHOP	HYDRO	HYDRO	RUN-OF-RIVER, HYDRAULIC TURBINE-PIPELINE	NO	0
660	San Fernando 1	Los Angeles Department of Water	LOS ANGELES		14031 SAN FERNANDO ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
661	San Fernando 2	Los Angeles Department of Water	LOS ANGELES		14031 SAN FERNANDO ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
662	San Francisco 11A	Los Angeles Department of Water	LOS ANGELES		37000 CLEARCREEK ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
663	San Francisco 1.3	Los Angeles Department of Water	LOS ANGELES		37000 CLEARCREEK ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
664	San Francisco 1.4	Los Angeles Department of Water	LOS ANGELES		37000 CLEARCREEK ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
665	San Francisco 1.6	Los Angeles Department of Water	LOS ANGELES		37000 CLEARCREEK ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
666	San Francisco 2.1	Los Angeles Department of Water	LOS ANGELES		32400 SAN FRANCISQUITO CANYON ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
667	San Francisco 2.2	Los Angeles Department of Water	LOS ANGELES		32400 SAN FRANCISQUITO CANYON ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
668	San Francisco 2.3	Los Angeles Department of Water	LOS ANGELES		32400 SAN FRANCISQUITO CANYON ROAD	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
669	Santville 1	Los Angeles Department of Water	LOS ANGELES		SUNSET BLVD (1 1/2 MILE FROM UCLA)	HYDRO	HYDRO	RUN-OF-RIVER, TURBINE - PIPELINE	NO	0
670	Scattergood ST1	Los Angeles Department of Water	LOS ANGELES		12700 VISTA DEL	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
671	Scattergood ST2	Los Angeles Department of Water	LOS ANGELES		12700 VISTA DEL	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
672	Scattergood ST3	Los Angeles Department of Water	LOS ANGELES		12700 VISTA DEL	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
673	Texaco GT1	Los Angeles Department of Water	LOS ANGELES		2101 EAST PACIFIC COAST HWY	NATURAL GAS	OIL GAS		NO	0
674	Texaco GT2	Equilon Enterprises								0
675	Texaco Expansion GT	Los Angeles Department of Water								0
676	Upper Gorge 1	Los Angeles Department of Water	MONO		OWENS RIVER, 21.8 MILES NORTH OF BISHOP, S. OF LAKE CROWLEY	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
677	Valley GT5									0
678	Idylwild 1	Loveland CO, City of								0
679	Idylwild 2	Loveland CO, City of								0
680	Strawberry Creek 1	Lower Valley Power & Light Inc								0
681	Strawberry Creek 2	Lower Valley Power & Light Inc								0
682	Strawberry Creek 3	Lower Valley Power & Light Inc								0
683	Manti Lower 1	Manti UT, City of								0
684	Manti Lower 2	Manti UT, City of								0
685	Manti Upper 2	Manti UT, City of								0
686	Medicine Hat 10GT	Medicine Hat, City of								0
687	Medicine Hat 11GT	Medicine Hat, City of								0
688	Medicine Hat 12ST	Medicine Hat, City of		Medicine Hat						2001
689	Medicine Hat 03ST	Medicine Hat, City of								0
690	Medicine Hat 04ST	Medicine Hat, City of								0
691	Medicine Hat 05GT	Medicine Hat, City of								0
692	Medicine Hat 06ST	Medicine Hat, City of								0
693	Medicine Hat 07ST	Medicine Hat, City of								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Main Begin	Main End	Forced Outage	Main Lat.	Non Cycling	Main Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
694	Medicine Hat 08GT	Medicine Hat, City of	10500	40000	102	13	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
695	Medicine Hat 09GT	Medicine Hat, City of	10500	40000	102	13	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	95	0	0		
696	Canal Creek 1	Merced Irrigation District - C	0	900	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
697	Eschequer 1	Merced Irrigation District - C	0	89000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
698	Fairfield 1	Merced Irrigation District - C	0	900	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
699	Mc Swain 1	Merced Irrigation District - C	0	10000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
700	Parker 1 MercedID	Merced Irrigation District - C	0	2700	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
701	Corona 1	Metropolitan Water District/So	0	3000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
702	Coyote Creek 1	Metropolitan Water District/So	0	3000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
703	Etowanda 1 MWD	Metropolitan Water District/So	0	24000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
704	Foothill Feeder 1	Metropolitan Water District/So	0	4500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
705	Foothill Feeder 2	Metropolitan Water District/So	0	4500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
706	Greg Avenue 1	Metropolitan Water District/So	0	1000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
707	Lake Mathews 1	Metropolitan Water District/So	0	5000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
708	Perris 1	Metropolitan Water District/So	0	8000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
709	Red Mountain 1	Metropolitan Water District/So	0	6000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
710	Rio Hondo 1	Metropolitan Water District/So	0	2000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
711	San Dimas 1	Metropolitan Water District/So	0	10000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
712	Sepulveda Canyon 1	Metropolitan Water District/So	0	9000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
713	Temescal 1	Metropolitan Water District/So	0	3000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	22-Aug-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
714	Valley View 1	Metropolitan Water District/So	0	4000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
715	Venice 1	Metropolitan Water District/So	0	10000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	20-Aug-02	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
716	Yorbu Linda 1	Metropolitan Water District/So	0	5000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Aug-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
717	McClure GT1	Modesto Irrigation District -	12829	61000	100	2	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	78	0	0		
718	McClure GT2	Modesto Irrigation District -	12829	61000	100	2	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	78	0	0		
719	New Hogan 1	Modesto Irrigation District -	0	2000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
720	New Hogan 2	Modesto Irrigation District -	0	1000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
721	Stone Drop 1	Modesto Irrigation District -	0	200	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Aug-03	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
722	Woodland CC1	Modesto Irrigation District -	9200	49000	91	2	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	27-Aug-01	31-Dec-53	FALSE	37	0	6	-1	-1	-1	-1	109	0	0		
723	Woodland CC2	Modesto Irrigation District -	7500	80000	91	2	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	27-Aug-01	31-Dec-53	FALSE	37	0	6	-1	-1	-1	-1	109	0	0		
724	Lower 1	Monroe UT, City of	0	230	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Sep-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	-1	
725	Monroe Pumping Sta 1	Monroe UT, City of	4266	100	10	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Sep-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	.08	
726	Upper 1	Monroe UT, City of	0	245	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Sep-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
727	BGL CNGC	Montana Power Company, The - M	8000	57000	37	6	1.9	19	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	240	0	0	0	
728	Black Eagle 1	Montana Power Company, The - M	0	5000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
729	Black Eagle 2	Montana Power Company, The - M	0	6000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
730	Black Eagle 3	Montana Power Company, The - M	0	6000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
731	Broadwater Dam 1	Montana Power Company, The - M	0	8000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
732	Cochrane 1	Montana Power Company, The - M	0	16000	6	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
733	Cochrane 2	Montana Power Company, The - M	0	16000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
734	Colstrip ST1	Montana Power Company, The - M	11166	307000	37	6	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	179	0	0		
735	Colstrip ST2	Montana Power Company, The - M	11186	307000	37	6	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	179	0	0		
736	Colstrip ST3	Montana Power Company, The - M	10449	740000	37	6	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	190	0	0		
737	Colstrip ST4	Montana Power Company, The - M	10850	740000	37	6	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	184	0	0		
738	Corette ST	Montana Power Company, The - M	11011	160000	37	6	1.9	XCLST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	182	0	0		
739	Hauser 1	Montana Power Company, The - M	0	2000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
740	Hauser 2	Montana Power Company, The - M	0	3000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
741	Hauser 3	Montana Power Company, The - M	0	3000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
742	Hauser 4	Montana Power Company, The - M	0	3000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
743	Hauser 5	Montana Power Company, The - M	0	3000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
744	Hauser 6	Montana Power Company, The - M	0	3000	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
745	Holter 1	Montana Power Company, The - M	0	12250																													

Number	Name	Utility	Maxiumm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
694	Medicine Hat 08GT	Medicine Hat, City of			FALSE						
695	Medicine Hat 09GT	Medicine Hat, City of			FALSE						
696	Canal Creek 1	Merced Irrigation District - C			FALSE		H0300	RETA (CANAL CREEK)	CANAL CREEK (UPPER GORGE)		
697	Eschequer 1	Merced Irrigation District - C			FALSE		H0175	NEW EXCHEQUER			
698	Fairfield 1	Merced Irrigation District - C			FALSE		H0301	FAIRFIELD	FAIRFIELD CANAL OR PAPAZIAN (FAIRFIELD)		
699	Mc Swain 1	Merced Irrigation District - C			FALSE		H0316	MCSWAIN			
700	Parker 1 MercedID	Merced Irrigation District - C			FALSE		H0381	PARKER (USBR)			
701	Corona 1	Metropolitan Water District/So			FALSE		H0114	CORONA SMALL CONDUIT			
702	Coyote Creek 1	Metropolitan Water District/So			FALSE		H0119	COYOTE CREEK			
703	Etiwanda 1 MWD	Metropolitan Water District/So			FALSE		H0174	ETIWANDA 1			
704	Foothill Feeder 1	Metropolitan Water District/So			FALSE		H0188	FOOTHILL FEEDER			
705	Foothill Feeder 2	Metropolitan Water District/So			FALSE		H0188	FOOTHILL FEEDER			
706	Greg Avenue 1	Metropolitan Water District/So			FALSE		H0211	GREG AVENUE			
707	Lake Mathews 1	Metropolitan Water District/So			FALSE		H0282	LAKE MATHEWS	COLO AQUEDUCT		
708	Perris 1	Metropolitan Water District/So			FALSE		H0382	PERRIS SMALL CONDUIT			
709	Red Mountain 1	Metropolitan Water District/So			FALSE		H0408	RED MOUNTAIN			
710	Rio Hondo 1	Metropolitan Water District/So			FALSE		H0412	RIO HONDO			
711	San Dimas 1	Metropolitan Water District/So			FALSE		H0437	SAN DIMAS			
712	Sepulveda Canyon 1	Metropolitan Water District/So			FALSE		H0472	SEPULVEDA CANYON			
713	Temescal 1	Metropolitan Water District/So			FALSE		H0509	TEMESCAL SMALL CONDUIT			
714	Valley View 1	Metropolitan Water District/So			FALSE		H0539	VALLEY VIEW			
715	Venice 1	Metropolitan Water District/So			FALSE		H0541	VENICE SMALL CONDUIT			
716	Yorbu Linda 1	Metropolitan Water District/So			FALSE		H0577	YORBA LINDA FEEDER			
717	McClure GT1	Modesto Irrigation District -			FALSE		G0336	MCCLURE			
718	McClure GT2	Modesto Irrigation District -			FALSE		G0336	MCCLURE			
719	New Hogan 1	Modesto Irrigation District -			FALSE		H0073	CALAVERAS CTY WD	NEW HOGAN		
720	New Hogan 2	Modesto Irrigation District -			FALSE		H0073	CALAVERAS CTY WD	NEW HOGAN		
721	Stone Drop 1	Modesto Irrigation District -			FALSE		H0599	STONE DROP			
722	Woodland CC1	Modesto Irrigation District -			FALSE		G0679	WOODLAND			
723	Woodland CC2	Modesto Irrigation District -			FALSE						
724	Lower 1	Monroe UT, City of	-1	-1	FALSE						
725	Monroe Pumping Sta 1	Monroe UT, City of	2.4	0.5	FALSE						
726	Upper 1	Monroe UT, City of			FALSE						
727	BGL CKCG	Montana Power Company, The - M			FALSE						
728	Black Eagle 1	Montana Power Company, The - M			FALSE						
729	Black Eagle 2	Montana Power Company, The - M			FALSE						
730	Black Eagle 3	Montana Power Company, The - M			FALSE						
731	Brookwater Dam 1	Montana Power Company, The - M			FALSE						
732	Cochrane 1	Montana Power Company, The - M			FALSE						
733	Cochrane 2	Montana Power Company, The - M			FALSE						
734	Colstrip ST1	Montana Power Company, The - M			FALSE						
735	Colstrip ST2	Montana Power Company, The - M			FALSE						
736	Colstrip ST3	Montana Power Company, The - M			FALSE						
737	Colstrip ST4	Montana Power Company, The - M			FALSE						
738	Corette ST	Montana Power Company, The - M			FALSE						
739	Hauser 1	Montana Power Company, The - M			FALSE						
740	Hauser 2	Montana Power Company, The - M			FALSE						
741	Hauser 3	Montana Power Company, The - M			FALSE						
742	Hauser 4	Montana Power Company, The - M			FALSE						
743	Hauser 5	Montana Power Company, The - M			FALSE						
744	Hauser 6	Montana Power Company, The - M			FALSE						
745	Holter 1	Montana Power Company, The - M			FALSE						
746	Holter 2	Montana Power Company, The - M			FALSE						
747	Holter 3	Montana Power Company, The - M			FALSE						
748	Holter 4	Montana Power Company, The - M			FALSE						
749	Kerr 1	Montana Power Company, The - M			FALSE						
750	Kerr 2	Montana Power Company, The - M			FALSE						
751	Kerr 3	Montana Power Company, The - M			FALSE						
752	Madison 1	Montana Power Company, The - M			FALSE						
753	Madison 2	Montana Power Company, The - M			FALSE						
754	Madison 3	Montana Power Company, The - M			FALSE						
755	Madison 4	Montana Power Company, The - M			FALSE						
756	Milltown 1	Montana Power Company, The - M			FALSE						
757	Milltown 2	Montana Power Company, The - M			FALSE						
758	Milltown 3	Montana Power Company, The - M			FALSE						
759	Milltown 4	Montana Power Company, The - M			FALSE						
760	Milltown 5	Montana Power Company, The - M			FALSE						
761	Misc Hydro 10	Montana Power Company, The - M			FALSE						
762	Colstrip Montana One FB	Montana Power Company, The - M			FALSE						
763	Monroy 1	Montana Power Company, The - M			FALSE						
764	Monroy 2	Montana Power Company, The - M			FALSE						
765	Mystic 1	Montana Power Company, The - M			FALSE						
766	Mystic 2	Montana Power Company, The - M			FALSE						
767	Rainbow 1 MPC	Montana Power Company, The - M			FALSE						
768	Rainbow 2 MPC	Montana Power Company, The - M			FALSE						
769	Rainbow 3 MPC	Montana Power Company, The - M			FALSE						
770	Rainbow 4	Montana Power Company, The - M			FALSE						
771	Rainbow 5	Montana Power Company, The - M			FALSE						
772	Rainbow 6	Montana Power Company, The - M			FALSE						
773	Rainbow 7	Montana Power Company, The - M			FALSE						
774	Rainbow 8	Montana Power Company, The - M			FALSE						
775	Ryan 1	Montana Power Company, The - M			FALSE						
776	Ryan 2	Montana Power Company, The - M			FALSE						
777	Ryan 3	Montana Power Company, The - M			FALSE						
778	Ryan 4	Montana Power Company, The - M			FALSE						
779	Ryan 5	Montana Power Company, The - M			FALSE						
780	Ryan 6	Montana Power Company, The - M			FALSE						
781	Thompson Falls 1	Montana Power Company, The - M			FALSE						
782	Thompson Falls 2	Montana Power Company, The - M			FALSE						
783	Thompson Falls 3	Montana Power Company, The - M			FALSE						
784	Thompson Falls 4	Montana Power Company, The - M			FALSE						
785	Thompson Falls 5	Montana Power Company, The - M			FALSE						
786	Thompson Falls 6	Montana Power Company, The - M			FALSE						
787	Thompson Falls 7	Montana Power Company, The - M			FALSE						
788	Uintah 1	Moon Lake Electric Assn Inc -			FALSE						
789	Uintah 2	Moon Lake Electric Assn Inc -			FALSE						
790	Yellowstone 1	Moon Lake Electric Assn Inc -			FALSE						
791	Yellowstone 2	Moon Lake Electric Assn Inc -			FALSE						
792	Yellowstone 3	Moon Lake Electric Assn Inc -			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
694	Medicine Hat 08GT	Medicine Hat, City of								0
695	Medicine Hat 09GT	Medicine Hat, City of								0
696	Canal Creek 1	Merced Irrigation District - C	MERCED			HYDRO	HYDRO	HYDRAULIC TURBINE-PIPELINE, WATER	NO	0
697	Eschequer 1	Merced Irrigation District - C	MARIPOSA			HYDRO	HYDRO	HYDRAULIC TURBINE-PIPELINE	NO	0
698	Merced Irrigation District - C	Merced Irrigation District - C	MERCED			HYDRO	HYDRO	HYDRAULIC TURBINE-PIPELINE	NO	0
699	Mc Swain 1	Merced Irrigation District - C	MARIPOSA			HYDRO	HYDRO	HYDRAULIC TURBINE-PIPELINE	NO	0
700	Parker 1 MercedID	Merced Irrigation District - C	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
701	Corona 1	Metropolitan Water District/So	RIVERSIDE		1980 ADOBE AVE	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
702	Coyote Creek 1	Metropolitan Water District/So	ORANGE		627 S. MONTE VISTA	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
703	Etowanda 1 MWD	Metropolitan Water District/So	SAN BERNARDINO		8248 ETOWANDA AVE	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
704	Foothill Feeder 1	Metropolitan Water District/So	LOS ANGELES		31849 N. LAKE HUGHES ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
705	Foothill Feeder 2	Metropolitan Water District/So	LOS ANGELES		31849 N. LAKE HUGHES ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
706	Greg Avenue 1	Metropolitan Water District/So	LOS ANGELES		7554 GREG AVE	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
707	Lake Mathews 1	Metropolitan Water District/So	RIVERSIDE		18250 LA SIERRA AVENUE	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
708	Perris 1	Metropolitan Water District/So	RIVERSIDE		17801 LAKE PERRIS AVE	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
709	Red Mountain 1	Metropolitan Water District/So	SAN DIEGO		3500 MISSION ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
710	Rio Honda 1	Metropolitan Water District/So	LOS ANGELES		9540 MILLER WAY	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
711	San Dimas 1	Metropolitan Water District/So	LOS ANGELES		1507 SYCAMORE CANYON ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
712	Sepulveda Canyon 1	Metropolitan Water District/So	LOS ANGELES		1751 N. SEPLILVEA BLVD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
713	Temescal 1	Metropolitan Water District/So	RIVERSIDE		EAGLE CANYON ROAD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
714	Valley View 1	Metropolitan Water District/So	ORANGE		4229 VALLEY VIEW AVE	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
715	Venice 1	Metropolitan Water District/So	LOS ANGELES		3815 SEPUVEDA BLVD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
716	Yorbu Linda 1	Metropolitan Water District/So	ORANGE		3972 VALLEY VIEW AVE	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
717	McClure GT1	Modesto Irrigation District -	STANISLAUS		639 S. MCCLURE RD	DISTILLATE OIL	OIL GAS	COMBUSTION TURBINE	NO	0
718	McClure GT2	Modesto Irrigation District -	STANISLAUS		639 S. MCCLURE RD	DISTILLATE OIL	OIL GAS	COMBUSTION TURBINE	NO	0
719	New Hogan 1	Modesto Irrigation District -	CALAVERAS		AT OUTLET WORKS AT THE BASE OF NEW HOGAN DAM, 1/4 MI S OF HOGAN DAM RD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
720	New Hogan 2	Modesto Irrigation District -	CALAVERAS		AT OUTLET WORKS AT THE BASE OF NEW HOGAN DAM, 1/4 MI S OF HOGAN DAM RD	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
721	Stone Drop 1	Modesto Irrigation District -	STANISLAUS		14853 YOSEMITE BLVD	HYDRO	HYDRO	HYDRO, WATER	NO	0
722	Woodland CC1	Modesto Irrigation District -	STANISLAUS		920 WOODLAND AVE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE WITH WASTE HEAT	YES	0
723	Woodland CC2									0
724	Lower 1	Monroe UT, City of								0
725	Monroe Pumping Sta 1	Monroe UT, City of								0
726	Upper 1	Monroe UT, City of								0
727	BGI CKCO	Montana Power Company, The - M								0
728	Black Eagle 1	Montana Power Company, The - M								0
729	Black Eagle 2	Montana Power Company, The - M								0
730	Black Eagle 3	Montana Power Company, The - M								0
731	Breaker Dam 1	Montana Power Company, The - M								0
732	Cochrane 1	Montana Power Company, The - M								0
733	Cochrane 2	Montana Power Company, The - M								0
734	Colstrip ST1	Montana Power Company, The - M								0
735	Colstrip ST2	Montana Power Company, The - M								0
736	Colstrip ST3	Montana Power Company, The - M								0
737	Colstrip ST4	Montana Power Company, The - M								0
738	Corette ST	Montana Power Company, The - M								0
739	Hauser 1	Montana Power Company, The - M								0
740	Hauser 2	Montana Power Company, The - M								0
741	Hauser 3	Montana Power Company, The - M								0
742	Hauser 4	Montana Power Company, The - M								0
743	Hauser 5	Montana Power Company, The - M								0
744	Hauser 6	Montana Power Company, The - M								0
745	Holter 1	Montana Power Company, The - M								0
746	Holter 2	Montana Power Company, The - M								0
747	Holter 3	Montana Power Company, The - M								0
748	Holter 4	Montana Power Company, The - M								0
749	Kerr 1	Montana Power Company, The - M								0
750	Kerr 2	Montana Power Company, The - M								0
751	Kerr 3	Montana Power Company, The - M								0
752	Madison 1	Montana Power Company, The - M								0
753	Madison 2	Montana Power Company, The - M								0
754	Madison 3	Montana Power Company, The - M								0
755	Madison 4	Montana Power Company, The - M								0
756	Milltown 1	Montana Power Company, The - M								0
757	Milltown 2	Montana Power Company, The - M								0
758	Milltown 3	Montana Power Company, The - M								0
759	Milltown 4	Montana Power Company, The - M								0
760	Milltown 5	Montana Power Company, The - M								0
761	Misc Hydro 10	Montana Power Company, The - M								0
762	Colstrip Montana One FB	Montana Power Company, The - M								0
763	Monroy 1	Montana Power Company, The - M								0
764	Monroy 2	Montana Power Company, The - M								0
765	Mystic 1	Montana Power Company, The - M								0
766	Mystic 2	Montana Power Company, The - M								0
767	Rainbow 1 MPC	Montana Power Company, The - M								0
768	Rainbow 2 MPC	Montana Power Company, The - M								0
769	Rainbow 3 MPC	Montana Power Company, The - M								0
770	Rainbow 4	Montana Power Company, The - M								0
771	Rainbow 5	Montana Power Company, The - M								0
772	Rainbow 6	Montana Power Company, The - M								0
773	Rainbow 7	Montana Power Company, The - M								0
774	Rainbow 8	Montana Power Company, The - M								0
775	Ryan 1	Montana Power Company, The - M								0
776	Ryan 2	Montana Power Company, The - M								0
777	Ryan 3	Montana Power Company, The - M								0
778	Ryan 4	Montana Power Company, The - M								0
779	Ryan 5	Montana Power Company, The - M								0
780	Ryan 6	Montana Power Company, The - M								0
781	Thompson Falls 1	Montana Power Company, The - M								0
782	Thompson Falls 2	Montana Power Company, The - M								0
783	Thompson Falls 3	Montana Power Company, The - M								0
784	Thompson Falls 4	Montana Power Company, The - M								0
785	Thompson Falls 5	Montana Power Company, The - M								0
786	Thompson Falls 6	Montana Power Company, The - M								0
787	Thompson Falls 7	Montana Power Company, The - M								0
788	Uintah 1	Moon Lake Electric Assn Inc -								0
789	Uintah 2	Moon Lake Electric Assn Inc -								0
790	Yellowstone 1	Moon Lake Electric Assn Inc -								0
791	Yellowstone 2	Moon Lake Electric Assn Inc -								0
792	Yellowstone 3	Moon Lake Electric Assn Inc -								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cyclic	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
793	Lower Unit 1	MT Pleasant UT, City of	0	115	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
794	Unit 1 a	MT Pleasant UT, City of	0	180	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
795	Unit 1 b	MT Pleasant UT, City of	0	1250	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
796	Upper Unit 1	MT Pleasant UT, City of	0	150	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
797	Little Cottonwood 1	Murray UT, City of	0	800	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
798	Little Cottonwood 2	Murray UT, City of	0	800	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
799	Murray City GT1	Murray UT, City of	10000	13000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	103	0	0		
800	Murray City GT2	Murray UT, City of	10000	13000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	103	0	0		
801	Murray City GT3	Murray UT, City of	10000	13000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	103	0	0		
802	Murray City K2	Murray UT, City of	8989	9000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	111	0	0		
803	Murray City K4	Murray UT, City of	10748	900	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	93	0	0		
804	Murray City K5	Murray UT, City of	11928	900	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	84	0	0		
805	Murray City K6	Murray UT, City of	8932	2300	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	112	0	0		
806	Bradley 1	Nephi City Corp - UT	0	73	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
807	Salt Creek 1	Nephi City Corp - UT	0	210	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
808	Bowman 1	Nevada Irrigation District - C	0	2900	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
809	Chicago Park 1	Nevada Irrigation District - C	0	42000	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
810	Combie North 1	Nevada Irrigation District - C	0	500	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
811	Combie South 1	Nevada Irrigation District - C	0	500	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
812	Combie South 2	Nevada Irrigation District - C	0	500	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
813	Combie South 3	Nevada Irrigation District - C	0	500	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
814	Deach Flat 2 3P	Nevada Irrigation District - C	0	24000	33	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
815	Rollins 1	Nevada Irrigation District - C	0	13000	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
816	Scotts Flat 1	Nevada Irrigation District - C	0	1000	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
817	Allen GT1	Nevada Power Company - NV	12500	76000	83	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	80	0	0		
818	NCPA ST01	Nevada Power Company - NV	11100	42000	83	10	2.3	XNGS155FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	80	0	0		
819	Clark ST02	Nevada Power Company - NV	10300	65900	83	10	2.3	XNGS155FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	97	0	0		
820	Clark ST03	Nevada Power Company - NV	11400	70000	83	10	2.3	XNGS155FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	88	0	0		
821	Clark C09	Nevada Power Company - NV	8800	233000	83	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	114	0	0		
822	Clark C10	Nevada Power Company - NV	8800	233000	83	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	114	0	0		
823	Clark GT04	Nevada Power Company - NV	13000	59000	83	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	77	0	0		
824	Las Vegas GTCCG	Nevada Power Company - NV	8800	65900	83	10	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
825	Las Vegas II CCGG1	Nevada Power Company - NV	8000	115000	76	10	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
826	Las Vegas II CCGG2	Nevada Power Company - NV	8800	115000	76	10	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
827	Nevada Cogen #1 GTCC	Nevada Power Company - NV	8800	85000	83	10	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
828	Nevada Cogen #2 GTCC	Nevada Power Company - NV	8800	85000	83	10	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
829	Reid Gardner ST1	Nevada Power Company - NV	10600	110000	33	10	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	189	0	0		
830	Reid Gardner ST2	Nevada Power Company - NV	10400	110000	33	10	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	192	0	0		
831	Reid Gardner ST3	Nevada Power Company - NV	11000	110000	33	10	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	183	0	0		
832	Reid Gardner ST4	Nevada Power Company - NV	10400	265000	33	10	1.9	XCLST85FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	192	0	0		
833	Saguaro GTCC	Nevada Power Company - NV	8000	90000	83	10	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
834	Sun-Peak GT1	Nevada Power Company - NV	12300	70000	83	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	81	0	0		
835	Sun-Peak GT2	Nevada Power Company - NV	12300	70000	83	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	81	0	0		
836	Sun-Peak GT3	Nevada Power Company - NV	12300	70000	83	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	21-Nov-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	81	0	0		
837	Sunrise ST1	Nevada Power Company - NV	8000	80000	83	10	2.3	XNGS155FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	21-Nov-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	125	0	0		
838	Sunrise GT2	Nevada Power Company - NV	13100	76000	83	10	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	21-Nov-01	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	76	0	0		
839	Alameda GT1	Northern California Power Agen	16500	24600	117	2	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Aug-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	61	0	0		
840	Alameda GT2	Northern California Power Agen	16500	25300	117	2	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	61	0	0		
841	NCPA #1 2	Northern California Power Agen	17369	44000	4	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
842	NCPA #1 2	Northern California Power Agen	17665	44000	4	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Aug-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0		
843	NCPA #2 3	Northern California Power Agen	18319	40000	4	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Aug-03</														



Number	Name	Utility	Max/min Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
793	Lower-Unit 1	MT Pleasant UT, City of			FALSE						
794	Unit 1 a	MT Pleasant UT, City of			FALSE						
795	Unit 1 b	MT Pleasant UT, City of			FALSE						
796	Upper-Unit 1	MT Pleasant UT, City of			FALSE						
797	Little Cottonwood 1	Murray UT, City of			FALSE						
798	Little Cottonwood 2	Murray UT, City of			FALSE						
799	Murray City GT1				FALSE						
800	Murray City GT2				FALSE						
801	Murray City GT3				FALSE						
802	Murray City K23	Murray UT, City of			FALSE						
803	Murray City K4	Murray UT, City of			FALSE						
804	Murray City K5	Murray UT, City of			FALSE						
805	Murray City K6	Murray UT, City of			FALSE						
806	Beasley 1	Nephi City Corp - UT			FALSE						
807	Salt Creek 1	Nephi City Corp - UT			FALSE						
808	Bowman 1	Nevada Irrigation District - C			FALSE		H0351	NEVADA POWER AUTHORITY/BOWMAN POW			
809	Chicago Park 1	Nevada Irrigation District - C			FALSE		H0095	CHICAGO PARK			
810	Combie North 1	Nevada Irrigation District - C			FALSE		H0109	NID-COMBIE NORTH	COMBIE NORTH		
811	Combie South 1	Nevada Irrigation District - C			FALSE		H0054	NID-COMBIE SOUTH			
812	Combie South 2	Nevada Irrigation District - C			FALSE		H0054	NID-COMBIE SOUTH			
813	Combie South 3	Nevada Irrigation District - C			FALSE		H0054	NID-COMBIE SOUTH			
814	Dutch Flat 2 3P	Nevada Irrigation District - C			FALSE		H0157	DUTCH FLAT 2			
815	Rollins 1	Nevada Irrigation District - C			FALSE		H0424	ROLLINS			
816	Scotts Flat 1	Nevada Irrigation District - C			FALSE		H0347	NID-SCOTTS FLAT			
817	Allen GT1	Nevada Power Company - NV			FALSE						
818	Clark ST01	Nevada Power Company - NV			FALSE						
819	Clark ST02	Nevada Power Company - NV			FALSE						
820	Clark ST03	Nevada Power Company - NV			FALSE						
821	Clark CC09	Nevada Power Company - NV			FALSE						
822	Clark CC10	Nevada Power Company - NV			FALSE						
823	Clark GT04	Nevada Power Company - NV			FALSE						
824	Las Vegas GTCG	Nevada Power Company - NV			FALSE						
825	Las Vegas II CCG1		-1	-1	FALSE						
826	Las Vegas II CCG2		-1	-1	FALSE						
827	Nevada Cogen #1 GTCG	Nevada Power Company - NV			FALSE						
828	Nevada Cogen #2 GTCG	Nevada Power Company - NV			FALSE						
829	Reid Gardner ST1	Nevada Power Company - NV			FALSE						
830	Reid Gardner ST2	Nevada Power Company - NV			FALSE						
831	Reid Gardner ST3	Nevada Power Company - NV			FALSE						
832	Reid Gardner ST4	Nevada Power Company - NV			FALSE						
833	Saguaro GTCG	Nevada Power Company - NV			FALSE						
834	Sun-Peak GT1	Nevada Power Company - NV			FALSE						
835	Sun-Peak GT2	Nevada Power Company - NV			FALSE						
836	Sun-Peak GT3	Nevada Power Company - NV			FALSE						
837	Sunrise ST1	Nevada Power Company - NV			FALSE						
838	Sunrise GT2	Nevada Power Company - NV			FALSE						
839	Alameda GT1	Northern California Power Agen			FALSE		G0379	ALAMEDA			
840	Alameda GT2	Northern California Power Agen			FALSE		G0379	ALAMEDA			
841	NCPA #1 1	Northern California Power Agen			FALSE		T0039	GEOHERMAL 1	NCPA 1		
842	NCPA #1 2	Northern California Power Agen			FALSE		T0039	GEOHERMAL 1	NCPA 1		
843	NCPA #2 3	Northern California Power Agen			FALSE		T0040	GEOHERMAL 2	NCPA 2		
844	NCPA #2 4	Northern California Power Agen			FALSE		T0040	GEOHERMAL 2	NCPA 2		
845	Gracagle 1	Northern California Power Agen			FALSE		H0209	GRAEAGLE			
846	Hydro Proj No 1 1	Northern California Power Agen			FALSE		H0107	COLLIERVILLE POWER HOUSE	COLLIERVILLE		
847	Hydro Proj No 1 2	Northern California Power Agen			FALSE		H0107	COLLIERVILLE POWER HOUSE	COLLIERVILLE		
848	Hydro Proj No 1 3	Northern California Power Agen			FALSE		H0107	COLLIERVILLE POWER HOUSE	COLLIERVILLE		
849	Hydro Proj No 1 4	Northern California Power Agen			FALSE		H0107	COLLIERVILLE POWER HOUSE	COLLIERVILLE		
850	Hydro Proj No 1 5	Northern California Power Agen			FALSE		H0107	COLLIERVILLE POWER HOUSE	COLLIERVILLE		
851	Hydro Proj No 1 6	Northern California Power Agen			FALSE		H0107	COLLIERVILLE POWER HOUSE	COLLIERVILLE		
852	Lodi GT	Northern California Power Agen			FALSE		G0380	LODI	LODI CT		
853	Lodi CC	Northern California Power Agen			FALSE		G0381	NCPA STIG			
854	Roseville GT1	Northern California Power Agen			FALSE		G0382	ROSEVILLE			
855	Roseville GT2	Northern California Power Agen			FALSE		G0382	ROSEVILLE			
856	McNary Fish 1	Northern Wasco County PUD - OR			FALSE						
857	The Dalles Fishway 1	Northern Wasco County PUD - OR			FALSE						
858	Beardsley 1	Oakdale & South San Joaquin Ir			FALSE		H0022	BEARDSLEY			
859	Donnels 1	Oakdale & South San Joaquin Ir			FALSE		H0145	DONNELLS			
860	Sand Bar 1	Oakdale & South San Joaquin Ir			FALSE		H0519	TRI-DAM AUTHORITY (SAND BAR)000000	SAND BAR PROJECT - TRI-DAM POWER		
861	Tulloch 1	Oakdale & South San Joaquin Ir			FALSE		H0527	TULLOCH			
862	Tulloch 2	Oakdale & South San Joaquin Ir			FALSE		H0527	TULLOCH			
863	Rock Creek 1	Oregon Trail Electric Cons Coo			FALSE						
864	Rock Creek 2	Oregon Trail Electric Cons Coo			FALSE						
865	Forbestown 1	Oroville-Wyandotte Irrigation			FALSE		H0191	FORBESTOWN			
866	Kelly Ridge 1	Oroville-Wyandotte Irrigation			FALSE		H0263	KELLY RIDGE			
867	Sly Creek 1	Oroville-Wyandotte Irrigation			FALSE		H0484	SLY CREEK			
868	Woodland 1	Oroville-Wyandotte Irrigation			FALSE		H0573	WOODLAF			
869	AG Wishon 1-4	Pacific Gas & Electric Company			FALSE		H0570	A.G. WISHON			
870	Alta 1	Pacific Gas & Electric Company			FALSE		H0005	ALTA			
871	Alta 2	Pacific Gas & Electric Company			FALSE		H0005	ALTA			
872	Balch 1 1	Pacific Gas & Electric Company			FALSE		H0019	BALCH 1			
873	Balch 2 2-3	Pacific Gas & Electric Company			FALSE		H0020	BALCH 2			
874	Belden 1	Pacific Gas & Electric Company			FALSE		H0023	BELDEN			
875	Backs Creek 1-2	Pacific Gas & Electric Company			FALSE		H0052	BUCKS CREEK			
876	Butt Valley 1	Pacific Gas & Electric Company			FALSE		H0057	BUTT VALLEY			
877	American CCG	Pacific Gas & Electric Company			FALSE		G0019	CALPINE KING CITY COGENERATION	AMERICAN #1		
878	Caribou 1 1-3	Pacific Gas & Electric Company			FALSE		H0087	CARIBOU 1			
879	Caribou 2 4-5	Pacific Gas & Electric Company			FALSE		H0088	CARIBOU 2			
880	Centerville 1-2	Pacific Gas & Electric Company			FALSE		H0092	CENTERVILLE			
881	Chili Bar 1	Pacific Gas & Electric Company			FALSE		H0096	CHILI BAR			
882	Coal Canyon 1	Pacific Gas & Electric Company			FALSE		H0104	COAL CANYON			
883	Coleman 1	Pacific Gas & Electric Company			FALSE		H0106	COLEMAN			
884	Contra Costa ST6	Pacific Gas & Electric Company			FALSE		G0147	CONTRA COSTA			
885	Contra Costa ST7	Pacific Gas & Electric Company			FALSE		G0147	CONTRA COSTA			
886	Cow Creek 1-2	Pacific Gas & Electric Company			FALSE		H0118	COW CREEK			
887	Crane Valley 1	Pacific Gas & Electric Company			FALSE		H0120	CRANE VALLEY			
888	Cresta 1-2	Pacific Gas & Electric Company			FALSE		H0121	CRESTA			
889	Crockett GTCG	Pacific Gas & Electric Company			FALSE		G0161	CROCKETT COGENERATION			
890	De Sable 1	Pacific Gas & Electric Company			FALSE		H0130	DE SABLE	FORKS OF BUTTE HYDRO		
891	Deer Creek 1 PG&E	Pacific Gas & Electric Company			FALSE		H0133-H127	DEER CREEK			

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
793	Lower-Unit 1	MT Pleasant UT, City of								0
794	Unit 1 a	MT Pleasant UT, City of								0
795	Unit 1 b	MT Pleasant UT, City of								0
796	Upper-Unit 1	MT Pleasant UT, City of								0
797	Little Cottonwood 1	Murray UT, City of								0
798	Little Cottonwood 2	Murray UT, City of								0
799	Murray City GT1									0
800	Murray City GT2									0
801	Murray City GT3									0
802	Murray City IC3	Murray UT, City of								0
803	Murray City IC4	Murray UT, City of								0
804	Murray City IC5	Murray UT, City of								0
805	Murray City IC6	Murray UT, City of								0
806	Bradley 1	Nephi City Corp - UT								0
807	Salt Creek 1	Nephi City Corp - UT								0
808	Bowman 1	Nevada Irrigation District - C	NEVADA			HYDRO	HYDRO	HYDRO	NO	0
809	Chicago Park 1	Nevada Irrigation District - C	NEVADA			HYDRO	HYDRO	HYDRO, WATER	NO	0
810	Combie North 1	Nevada Irrigation District - C	PLACER		13975 CAMINO DELEGO	HYDRO	HYDRO	HYDRO	NO	0
811	Combie South 1	Nevada Irrigation District - C	PLACER		13975 CAMINO DELEGO	HYDRO	HYDRO	HYDRO	NO	0
812	Combie South 2	Nevada Irrigation District - C	PLACER		13975 CAMINO DELEGO	HYDRO	HYDRO	HYDRO	NO	0
813	Combie South 3	Nevada Irrigation District - C	PLACER		13975 CAMINO DELEGO	HYDRO	HYDRO	HYDRO	NO	0
814	Ditch Flat 2 3P	Nevada Irrigation District - C	NEVADA			HYDRO	HYDRO	HYDRO	NO	0
815	Rollins 1	Nevada Irrigation District - C	NEVADA			HYDRO	HYDRO	HYDRO, WATER	NO	0
816	Scotts Flat 1	Nevada Irrigation District - C	NEVADA		SCOTTS FLAT RESERVOIR, 5 MILES EAST OF NEVADA CITY	HYDRO	HYDRO	HYDRO, WATER	NO	0
817	Allen GT1	Nevada Power Company - NV								0
818	Clark ST01	Nevada Power Company - NV								0
819	Clark ST02	Nevada Power Company - NV								0
820	Clark ST03	Nevada Power Company - NV								0
821	Clark CC09	Nevada Power Company - NV								0
822	Clark CT00	Nevada Power Company - NV								0
823	Clark GT04	Nevada Power Company - NV								0
824	Las Vegas GTCG	Nevada Power Company - NV								0
825	Las Vegas II CCG1									0
826	Las Vegas III CCG2									0
827	Nevada Cogen #1 GTCG	Nevada Power Company - NV								0
828	Nevada Cogen #2 GTCG	Nevada Power Company - NV								0
829	Reid Gardner ST1	Nevada Power Company - NV								0
830	Reid Gardner ST2	Nevada Power Company - NV								0
831	Reid Gardner ST3	Nevada Power Company - NV								0
832	Reid Gardner ST4	Nevada Power Company - NV								0
833	Saguaro GTCG	Nevada Power Company - NV								0
834	Sun-Peak GT1	Nevada Power Company - NV								0
835	Sun-Peak GT2	Nevada Power Company - NV								0
836	Sun-Peak GT3	Nevada Power Company - NV								0
837	Sunrise ST1	Nevada Power Company - NV								0
838	Sunrise GT2	Nevada Power Company - NV								0
839	Alameda GT1	Northern California Power Agen	ALAMEDA		2900 MAIN STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
840	Alameda GT2	Northern California Power Agen	ALAMEDA		2900 MAIN STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
841	NCPA #1 1	Northern California Power Agen	LAKE		11785 SOCRATES MINE ROAD	DRY STEAM	GEOTHERMAL		NO	0
842	NCPA #1 2	Northern California Power Agen	LAKE		11785 SOCRATES MINE ROAD	DRY STEAM	GEOTHERMAL		NO	0
843	NCPA #2 3	Northern California Power Agen	LAKE		11785 SOCRATES MINE ROAD	DRY STEAM	GEOTHERMAL		NO	0
844	NCPA #2 4	Northern California Power Agen	LAKE		11785 SOCRATES MINE ROAD	DRY STEAM	GEOTHERMAL		NO	0
845	Gracagle 1	Northern California Power Agen	PLUMAS			HYDRO	HYDRO		NO	0
846	Hydro Proj No 1 1	Northern California Power Agen	CALAVERAS			HYDRO	HYDRO		NO	0
847	Hydro Proj No 1 2	Northern California Power Agen	CALAVERAS			HYDRO	HYDRO		NO	0
848	Hydro Proj No 1 3	Northern California Power Agen	CALAVERAS			HYDRO	HYDRO		NO	0
849	Hydro Proj No 1 4	Northern California Power Agen	CALAVERAS			HYDRO	HYDRO		NO	0
850	Hydro Proj No 1 5	Northern California Power Agen	CALAVERAS			HYDRO	HYDRO		NO	0
851	Hydro Proj No 1 6	Northern California Power Agen	CALAVERAS			HYDRO	HYDRO		NO	0
852	Lodi GT	Northern California Power Agen	SAN JOAQUIN		1120 NORTH LOWER SACRAMENTO RIVER	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
853	Lodi CC	Northern California Power Agen	SAN JOAQUIN		12751 N. THORNTON ROAD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
854	Roseville GT1	Northern California Power Agen	PLACER		2151 NICHOLS DRIVE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
855	Roseville GT2	Northern California Power Agen	PLACER		2151 NICHOLS DRIVE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
856	McNary Fish 1	Northern Wasco County PUD - OR								0
857	The Dalles Fishway 1	Northern Wasco County PUD - OR								0
858	Beardsley 1	Oakdale & South San Joaquin Ir	TUOLUMNE		WEST END OF BEARDSLEY RESERVOIR	HYDRO	HYDRO	HYDRO, WATER	NO	0
859	Donnell 1	Oakdale & South San Joaquin Ir	TUOLUMNE		E. END OF BEARDSLEY	HYDRO	HYDRO	HYDRO, WATER	NO	0
860	San Bar 1	Oakdale & South San Joaquin Ir	TUOLUMNE			HYDRO	HYDRO		NO	0
861	Tulloch 1	Oakdale & South San Joaquin Ir	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
862	Tulloch 2	Oakdale & South San Joaquin Ir	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
863	Rock Creek 1	Oregon Trail Electric Cons Coo								0
864	Rock Creek 2	Oregon Trail Electric Cons Coo								0
865	Forbestown 1	Oroville-Wyandotte Irrigation	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
866	Kelly Ridge 1	Oroville-Wyandotte Irrigation	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
867	Sly Creek 1	Oroville-Wyandotte Irrigation	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
868	Woodleaf 1	Oroville-Wyandotte Irrigation	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
869	AG Wishon 1-4	Pacific Gas & Electric Company	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
870	Alta 1	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO	HYDRO, WATER	NO	0
871	Alta 2	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO	HYDRO, WATER	NO	0
872	Balch 1 1	Pacific Gas & Electric Company	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
873	Balch 2 2-3	Pacific Gas & Electric Company	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
874	Belden 1	Pacific Gas & Electric Company	PLUMAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
875	Backs Creek 1-2	Pacific Gas & Electric Company	PLUMAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
876	Bon Valley 1	Pacific Gas & Electric Company	PLUMAS		NORTH END OF BUTT VALLEY	HYDRO	HYDRO	HYDRO, WATER	NO	0
877	American CCG	Pacific Gas & Electric Company	MONTEREY		750 MEIZ ROAD	NATURAL GAS	OIL GAS		YES	0
878	Caribou 1 1-3	Pacific Gas & Electric Company	PLUMAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
879	Caribou 2 4-5	Pacific Gas & Electric Company	PLUMAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
880	Comerville 1-2	Pacific Gas & Electric Company	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
881	Chili Bar 1	Pacific Gas & Electric Company	EL DORADO			HYDRO	HYDRO	HYDRO, WATER	NO	0
882	Coal Canyon 1	Pacific Gas & Electric Company	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
883	Coleman 1	Pacific Gas & Electric Company	TEHAMA			HYDRO	HYDRO	HYDRO, WATER	NO	0
884	Contra Costa ST6	Pacific Gas & Electric Company	CONTRA COSTA		3200 WILBUR AVENUE	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
885	Contra Costa ST7	Pacific Gas & Electric Company	CONTRA COSTA		3200 WILBUR AVENUE	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
886	Cow Creek 1-2	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
887	Crane Valley 1	Pacific Gas & Electric Company	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
888	Cresia 1-2	Pacific Gas & Electric Company	PLUMAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
889	Crockett GTCG	Pacific Gas & Electric Company	CONTRA COSTA		550 LORING AVENUE	NATURAL GAS	OIL GAS		YES	0
890	De Sable 1	Pacific Gas & Electric Company	BUTTE		ACCESS ROAD	HYDRO	HYDRO	HYDRO, WATER	NO	0
891	Deer Creek 1 PG&E	Pacific Gas & Electric Company	NEVADA							0



Number	Name	Utility	Maximm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
892	Diablo Canyon 1	Pacific Gas & Electric Company			FALSE		N0001	DIABLO CANYON			
893	Diablo Canyon 2	Pacific Gas & Electric Company			FALSE		N0001	DIABLO CANYON			
894	Downieville IC	Pacific Gas & Electric Company			FALSE		G0178	DOWNIEVILLE			
895	Drum 1 1-4	Pacific Gas & Electric Company			FALSE		H0154	DRUM 1			
896	Drum 2 5	Pacific Gas & Electric Company			FALSE		H0155	DRUM 2			
897	Dutch Flat 1	Pacific Gas & Electric Company			FALSE		H0156	DUTCH FLAT 1			
898	El Dorado 1	Pacific Gas & Electric Company			FALSE		delete				
899	El Dorado 2	Pacific Gas & Electric Company			FALSE		delete				
900	Electra 1-3	Pacific Gas & Electric Company			FALSE		H0171	ELECTRA			
901	Frankenheimer 1	Pacific Gas & Electric Company			FALSE		H0488	SOUTH SAN JOAQUIN LD	FRANKENHEIMER		
902	Geysers 11	Pacific Gas & Electric Company			FALSE		T0058	CALPINE GEOTHERMAL UNIT 11	PG&E #11		
903	Geysers 12	Pacific Gas & Electric Company			FALSE		T0059	CALPINE GEOTHERMAL UNIT 12	PG&E #12		
904	Geysers 13	Pacific Gas & Electric Company			FALSE		T0060	CALPINE GEOTHERMAL UNIT 13	PG&E #13		
905	Geysers 14	Pacific Gas & Electric Company			FALSE		T0061	CALPINE GEOTHERMAL UNIT 14	PG&E #14		
906	Geysers 16	Pacific Gas & Electric Company			FALSE		T0027	CALPINE GEOTHERMAL UNIT 16	PG&E #16		
907	Geysers 17	Pacific Gas & Electric Company			FALSE		T0028	CALPINE GEOTHERMAL UNIT 17	PG&E #17		
908	Geysers 18	Pacific Gas & Electric Company			FALSE		T0029	CALPINE GEOTHERMAL UNIT 18	PG&E #18		
909	Geysers 20	Pacific Gas & Electric Company			FALSE		T0030	GEYSERS #20	PG&E #20		
910	Geysers 05	Pacific Gas & Electric Company			FALSE		T0055	CALPINE GEOTHERMAL UNIT 5/6	PG&E #5-#6		
911	Geysers 06	Pacific Gas & Electric Company			FALSE		T0055	CALPINE GEOTHERMAL UNIT 5/6	PG&E #5-#6		
912	Geysers 07	Pacific Gas & Electric Company			FALSE		T0056	GEYSERS #7-#8	PG&E #7-#8		
913	Geysers 08	Pacific Gas & Electric Company			FALSE		T0056	GEYSERS #7-#8	PG&E #7-#8		
914	Gilroy CCGG	Pacific Gas & Electric Company			FALSE		G0229	GILROY COGENERATION			
915	Haas 1	Pacific Gas & Electric Company			FALSE		H0215	HAAS			
916	Haas 2	Pacific Gas & Electric Company			FALSE		H0215	HAAS			
917	Halesy 1	Pacific Gas & Electric Company			FALSE		H0217	HALESY			
918	Hamilton Branch 1-2	Pacific Gas & Electric Company			FALSE		H0218	HAMILTON BRANCH			
919	Hat Creek 1 1	Pacific Gas & Electric Company			FALSE		H0221	HAT CREEK 1			
920	Hat Creek 2 1	Pacific Gas & Electric Company			FALSE		H0222	HAT CREEK 2			
921	Helms Pumped Storage 1-3	Pacific Gas & Electric Company	29088	0.5	FALSE		H0229	HELMS PUMPED STORAGE	HELMS		
922	Humboldt Bay ST1	Pacific Gas & Electric Company			FALSE		G0268	HUMBOLDT BAY			
923	Humboldt Bay ST2	Pacific Gas & Electric Company			FALSE		G0268	HUMBOLDT BAY			
924	Hunters Point ST4	Pacific Gas & Electric Company			FALSE		G0272	HUNTERS POINT			
925	Hunters Point GT	Pacific Gas & Electric Company			FALSE		G0272	HUNTERS POINT			
926	Inskip 1	Pacific Gas & Electric Company			FALSE		H0244	INSKIP			
927	James B Black 1-2	Pacific Gas & Electric Company			FALSE		H0250	JAMES B. BLACK	J.B.BLACK		
928	Kerckhoff 1-3	Pacific Gas & Electric Company			FALSE		H0265	KERCKHOFF 1			
929	Kerckhoff 2 1	Pacific Gas & Electric Company			FALSE		H0266	KERCKHOFF 2			
930	Kerman PV	Pacific Gas & Electric Company			FALSE		S0091	KERMAN PV	KERMA		
931	Kern Canyon 1	Pacific Gas & Electric Company			FALSE		H0267	KERN CANYON			
932	Kilarc 1-2	Pacific Gas & Electric Company			FALSE		H0271	KILARC			
933	Kings River 1	Pacific Gas & Electric Company			FALSE		G0295-H0272-H0273				
934	Lime Saddle 1	Pacific Gas & Electric Company			FALSE		H0287	LIME SADDLE			
935	Lime Saddle 2	Pacific Gas & Electric Company			FALSE		H0287	LIME SADDLE			
936	Merced Falls 1	Pacific Gas & Electric Company			FALSE		H0324	MERCED FALLS			
937	Mobile GT1	Pacific Gas & Electric Company			FALSE		G0564	MOBILE GT	MOBILE UNIT #1; CONTRA COSTA MOBILE; MOBILE UNIT #1		
938	Mobile GT2	Pacific Gas & Electric Company			FALSE		G0564	MOBILE GT	MOBILE UNIT #1; CONTRA COSTA MOBILE; MOBILE UNIT #1		
939	Mobile GT3	Pacific Gas & Electric Company			FALSE		G0564	MOBILE GT	MOBILE UNIT #1; CONTRA COSTA MOBILE; MOBILE UNIT #1		
940	Monticello 1-3	Pacific Gas & Electric Company			FALSE		H0343	MONTICELLO			
941	Duke Morro Bay ST1	Pacific Gas & Electric Company			FALSE		G0371	MORRO BAY			
942	Duke Morro Bay ST2	Pacific Gas & Electric Company			FALSE		G0371	MORRO BAY			
943	Duke Morro Bay ST3	Pacific Gas & Electric Company			FALSE		G0371	MORRO BAY			
944	Duke Morro Bay ST4	Pacific Gas & Electric Company			FALSE		G0371	MORRO BAY			
945	Moss Landing ST6	Pacific Gas & Electric Company			FALSE		G0372	MOSS LANDING	MOSS LANDING #1-#7		
946	Moss Landing ST7	Pacific Gas & Electric Company			FALSE		G0372	MOSS LANDING	MOSS LANDING #1-#7		
947	Narrows 1	Pacific Gas & Electric Company			FALSE		H0348	NARROWS			
948	Newcastle 1	Pacific Gas & Electric Company			FALSE		H0357	NEWCASTLE			
949	Oak Flat 1	Pacific Gas & Electric Company			FALSE		H0364	OAK FLAT			
950	Oakland GT1	Pacific Gas & Electric Company			FALSE		G0406	OAKLAND	OAKLAND		
951	Oakland GT2	Pacific Gas & Electric Company			FALSE		G0406	OAKLAND	OAKLAND		
952	Oakland GT3	Pacific Gas & Electric Company			FALSE		G0406	OAKLAND	OAKLAND		
953	Phoenix 1	Pacific Gas & Electric Company			FALSE		H0383	PHOENIX			
954	Pit 1	Pacific Gas & Electric Company			FALSE		H0388	PIT 1			
955	Pit 3	Pacific Gas & Electric Company			FALSE		H0389	PIT 3			
956	Pit 4	Pacific Gas & Electric Company			FALSE		H0390	PIT 4			
957	Pit 5	Pacific Gas & Electric Company			FALSE		H0391	PIT 5			
958	Pit 6	Pacific Gas & Electric Company			FALSE		H0392	PIT 6			
959	Pit 7	Pacific Gas & Electric Company			FALSE		H0393	PIT 7			
960	Pittsburg ST1	Pacific Gas & Electric Company			FALSE		G0450	PITTSBURG	PITTSBURG #1-#7		
961	Pittsburg ST2	Pacific Gas & Electric Company			FALSE		G0450	PITTSBURG	PITTSBURG #1-#7		
962	Pittsburg ST3	Pacific Gas & Electric Company			FALSE		G0450	PITTSBURG	PITTSBURG #1-#7		
963	Pittsburg ST4	Pacific Gas & Electric Company			FALSE		G0450	PITTSBURG	PITTSBURG #1-#7		
964	Pittsburg ST5	Pacific Gas & Electric Company			FALSE		G0450	PITTSBURG	PITTSBURG #1-#7		
965	Pittsburg ST6	Pacific Gas & Electric Company			FALSE		G0450	PITTSBURG	PITTSBURG #1-#7		
966	Pittsburg ST7	Pacific Gas & Electric Company			FALSE		G0450	PITTSBURG	PITTSBURG #1-#7		
967	Poe 1-2	Pacific Gas & Electric Company			FALSE		H0395	POE			
968	Potrero ST3	Pacific Gas & Electric Company			FALSE		G0462	POTRERO			
969	Potrero GT4	Pacific Gas & Electric Company			FALSE		G0462	POTRERO			
970	Potrero GT5	Pacific Gas & Electric Company			FALSE		G0462	POTRERO			
971	Potrero GT6	Pacific Gas & Electric Company			FALSE		G0462	POTRERO			
972	Potter Valley 1-3	Pacific Gas & Electric Company			FALSE		H0401	POTTER VALLEY			
973	PVUSA	Pacific Gas & Electric Company			FALSE		S0045	PVUSA SOLAR 1			
974	QF Hydo 93	Pacific Gas & Electric Company			FALSE		delete				
975	Rock Creek 1-2	Pacific Gas & Electric Company			FALSE		H0417-H0422				
976	Salt Springs 1-2	Pacific Gas & Electric Company			FALSE		H0431	SALT SPRINGS			
977	San Joaquin 1A 1	Pacific Gas & Electric Company			FALSE		H0448	SAN JOAQUIN 1A			
978	San Joaquin 2 1	Pacific Gas & Electric Company			FALSE		H0449	SAN JOAQUIN 2			
979	San Joaquin 3 3	Pacific Gas & Electric Company			FALSE		H0450	SAN JOAQUIN 3			
980	Calistoga Geothermal	Pacific Gas & Electric Company			FALSE		T0050	CALISTOGA GEOTHERMAL PARTNERS, L.P.	CALISTOGA GEOTHERMAL PARTNERS, L.P.		
981	Sierra City IC	Pacific Gas & Electric Company			FALSE		delete				
982	South 1	Pacific Gas & Electric Company			FALSE		H0486	SOUTH			
983	Spaulding 1 1	Pacific Gas & Electric Company			FALSE		H0490	SPAUDLING 1			
984	Spaulding 2 1	Pacific Gas & Electric Company			FALSE		H0491	SPAUDLING 2			
985	Spaulding 3 1	Pacific Gas & Electric Company			FALSE		H0492	SPAUDLING 3			
986	Spring Gap 1	Pacific Gas & Electric Company			FALSE		H0495	SPRING GAP			
987	Stanslaus 1	Pacific Gas & Electric Company			FALSE		H0498	STANSLAUS			
988	Tiger Creek 1-2	Pacific Gas & Electric Company			FALSE		H0516	TIGER CREEK			
989	Toadtown 1	Pacific Gas & Electric Company			FALSE		H0518	TOADTOWN			
990	Tule 1-2	Pacific Gas & Electric Company			FALSE		H0523	TULE RIVER			

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
892	Diablo Canyon 1	Pacific Gas & Electric Company	SAN LUIS OBISPO		AVILA ROAD, BETWEEN MONTANO DE ORO & 9 M NW AVILA BEACH, FROM HWY 101	URANIUM	NUCLEAR	HYDRO, WATER	NO	0
893	Diablo Canyon 2	Pacific Gas & Electric Company	SAN LUIS OBISPO		AVILA ROAD, BETWEEN MONTANO DE ORO & 9 M NW AVILA BEACH, FROM HWY 101	URANIUM	NUCLEAR	HYDRO, WATER	NO	0
894	Downsville IC	Pacific Gas & Electric Company	SIERRA		BUILDING 6190 LAVASSOLA ROAD	DIESEL	OIL GAS	COMBUSTION TURBINE	NO	0
895	Drum 1 1-4	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO	HYDRO, WATER	NO	0
896	Drum 2 5	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO	HYDRO, WATER	NO	0
897	Dutch Flat 1	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO		NO	0
898	El Dorado 1	Pacific Gas & Electric Company								0
899	El Dorado 2	Pacific Gas & Electric Company								0
900	Electra 1-3	Pacific Gas & Electric Company	AMADOR			HYDRO	HYDRO	HYDRO, WATER	NO	0
901	Frankenhimer 1	Pacific Gas & Electric Company	STANISLAUS			HYDRO	HYDRO		NO	0
902	Geysers 11	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
903	Geysers 12	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
904	Geysers 13	Pacific Gas & Electric Company	LAKE			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
905	Geysers 14	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
906	Geysers 16	Pacific Gas & Electric Company	LAKE			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
907	Geysers 17	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
908	Geysers 18	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
909	Geysers 20	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
910	Geysers 05	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
911	Geysers 06	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
912	Geysers 07	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
913	Geysers 08	Pacific Gas & Electric Company	SONOMA			DRY STEAM	GEOTHERMAL	STEAM TURBINE	NO	0
914	Gilroy CCGG	Pacific Gas & Electric Company	SANTA CLARA		1350 PACHECO PASS HIGHWAY	NATURAL GAS	OIL GAS		YES	0
915	Haas 1	Pacific Gas & Electric Company	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
916	Haas 2	Pacific Gas & Electric Company	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
917	Halesy 1	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO	HYDRO, WATER	NO	0
918	Hamilton Branch 1-2	Pacific Gas & Electric Company	PLUMAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
919	Hat Creek 1 1	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
920	Hat Creek 2 1	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
921	Helms Pump Storage 1-3	Pacific Gas & Electric Company	FRESNO		57800 MCKINLEY GROVE RD	PUMPED STORAGE	HYDRO	PUMPED STORAGE TURBINE	NO	0
922	Humboldt Bay ST1	Pacific Gas & Electric Company	HUMBOLDT		BUHNE POINT, 1000 KING SALMON AVE.	NATURAL DISTILLATE	OIL GAS	COMBUSTION TURBINE, STEAM TURBINE	NO	0
923	Humboldt Bay ST2	Pacific Gas & Electric Company	HUMBOLDT		BUHNE POINT, 1000 KING SALMON AVE.	NATURAL DISTILLATE	OIL GAS	COMBUSTION TURBINE, STEAM TURBINE	NO	0
924	Hunters Point ST4	Pacific Gas & Electric Company	SAN FRANCISCO		1000 EVANS AVENUE	NATURAL DISTILLATE	OIL GAS	GAS COMBUSTION TURBINE, STEAM TURBINE	NO	0
925	Hunters Point GT	Pacific Gas & Electric Company	SAN FRANCISCO		1000 EVANS AVENUE	NATURAL DISTILLATE	OIL GAS	GAS COMBUSTION TURBINE, STEAM TURBINE	NO	0
926	Inskip 1	Pacific Gas & Electric Company	TEHAMA			HYDRO	HYDRO	HYDRO, WATER	NO	0
927	James B Black 1-2	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
928	Kerkhof 1-3	Pacific Gas & Electric Company	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
929	Kerkhof 2 1	Pacific Gas & Electric Company	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
930	Kerman PV	Pacific Gas & Electric Company	FRESNO			PHOTOVOLTAIC	SOLAR	PHOTOVOLTAIC, SUN	NO	0
931	Kern Canyon 1	Pacific Gas & Electric Company	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
932	Kilare 1-2	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
933	Kings River 1	Pacific Gas & Electric Company	KINGS						NO	0
934	Lime Saddle 1	Pacific Gas & Electric Company	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
935	Lime Saddle 2	Pacific Gas & Electric Company	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
936	Merced Falls 1	Pacific Gas & Electric Company	MERCED			HYDRO	HYDRO	HYDRO, WATER	NO	0
937	Mobile GT1	Pacific Gas & Electric Company	CONTRA COSTA		1456 WILBUR AVE	NATURAL GAS	OIL GAS	GAS COMBUSTION TURBINE	NO	0
938	Mobile GT2	Pacific Gas & Electric Company	CONTRA COSTA		1456 WILBUR AVE	NATURAL GAS	OIL GAS	GAS COMBUSTION TURBINE	NO	0
939	Mobile GT3	Pacific Gas & Electric Company	CONTRA COSTA		1456 WILBUR AVE	NATURAL GAS	OIL GAS	GAS COMBUSTION TURBINE	NO	0
940	Monticello 1-3	Pacific Gas & Electric Company	NAPA			HYDRO	HYDRO	HYDRO, WATER	NO	0
941	Duke Morro Bay ST1	Pacific Gas & Electric Company	SAN LUIS OBISPO		1290 EMBARCADERO	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
942	Duke Morro Bay ST2	Pacific Gas & Electric Company	SAN LUIS OBISPO		1290 EMBARCADERO	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
943	Duke Morro Bay ST3	Pacific Gas & Electric Company	SAN LUIS OBISPO		1290 EMBARCADERO	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
944	Duke Morro Bay ST4	Pacific Gas & Electric Company	SAN LUIS OBISPO		1290 EMBARCADERO	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
945	Moss Landing ST6	Pacific Gas & Electric Company	MONTEREY		HWY 1 & DOLAN ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE COMBINED CYCLE	NO	0
946	Moss Landing ST7	Pacific Gas & Electric Company	MONTEREY		HWY 1 & DOLAN ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE COMBINED CYCLE	NO	0
947	Narrows 1	Pacific Gas & Electric Company	NEVADA		OFF MOONE FLAT ROAD	HYDRO	HYDRO	HYDRO, WATER	NO	0
948	Newcastle 1	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO	HYDRO, WATER	NO	0
949	Oak Flat 1	Pacific Gas & Electric Company	PLUMAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
950	Oakland GT1	Pacific Gas & Electric Company	ALAMEDA		50 GROVE STREET	DISTILLATE OIL	OIL GAS	GAS COMBUSTION TURBINE	NO	0
951	Oakland GT2	Pacific Gas & Electric Company	ALAMEDA		50 GROVE STREET	DISTILLATE OIL	OIL GAS	GAS COMBUSTION TURBINE	NO	0
952	Oakland GT3	Pacific Gas & Electric Company	ALAMEDA		50 GROVE STREET	DISTILLATE OIL	OIL GAS	GAS COMBUSTION TURBINE	NO	0
953	Phoenix 1	Pacific Gas & Electric Company	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
954	Pit 1	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
955	Pit 3	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
956	Pit 4	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
957	Pit 5	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
958	Pit 6	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
959	Pit 7	Pacific Gas & Electric Company	SHASTA			HYDRO	HYDRO	HYDRO, WATER	NO	0
960	Pittsburg ST1	Pacific Gas & Electric Company	CONTRA COSTA		696 W 10TH STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
961	Pittsburg ST2	Pacific Gas & Electric Company	CONTRA COSTA		696 W 10TH STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
962	Pittsburg ST3	Pacific Gas & Electric Company	CONTRA COSTA		696 W 10TH STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
963	Pittsburg ST4	Pacific Gas & Electric Company	CONTRA COSTA		696 W 10TH STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
964	Pittsburg ST5	Pacific Gas & Electric Company	CONTRA COSTA		696 W 10TH STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
965	Pittsburg ST6	Pacific Gas & Electric Company	CONTRA COSTA		696 W 10TH STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
966	Pittsburg ST7	Pacific Gas & Electric Company	CONTRA COSTA		696 W 10TH STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
967	Potero 1	Pacific Gas & Electric Company	BUTTE		JARRO GAP CA 99116	HYDRO	HYDRO	HYDRO, WATER	NO	0
968	Potero ST3	Pacific Gas & Electric Company	SAN FRANCISCO		1201 ILLINOIS STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, STEAM TURBINE	YES	0
969	Potero GT4	Pacific Gas & Electric Company	SAN FRANCISCO		1201 ILLINOIS STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, STEAM TURBINE	YES	0
970	Potero GT5	Pacific Gas & Electric Company	SAN FRANCISCO		1201 ILLINOIS STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, STEAM TURBINE	YES	0
971	Potter Creek 1-3	Pacific Gas & Electric Company	SAN FRANCISCO		1201 ILLINOIS STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, STEAM TURBINE	YES	0
972	Potter Valley 1-3	Pacific Gas & Electric Company	MENDOCINO		2541 N. STATE ST.	HYDRO	HYDRO	HYDRO, WATER	NO	0
973	PVUSA	Pacific Gas & Electric Company	YOLO			PHOTOVOLTAIC	SOLAR	PHOTOVOLTAIC, SUN	NO	0
974	QF Hydo 93	Pacific Gas & Electric Company								0
975	Rock Creek 1-2	Pacific Gas & Electric Company	PLUMAS							0
976	Salt Springs 1-2	Pacific Gas & Electric Company	AMADOR			HYDRO	HYDRO	HYDRO, WATER	NO	0
977	San Joaquin IA 1	Pacific Gas & Electric Company	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
978	San Joaquin 2 1	Pacific Gas & Electric Company	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
979	San Joaquin 3 3	Pacific Gas & Electric Company	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
980	Calistoga Geothermal	Pacific Gas & Electric Company	LAKE		8950 SOCRATES MINE ROAD	DRY STEAM	GEOTHERMAL		NO	0
981	Sierra City IC	Pacific Gas & Electric Company								0
982	South 1	Pacific Gas & Electric Company	TEHAMA			HYDRO	HYDRO	HYDRO, WATER	NO	0
983	Spaulding 1 1	Pacific Gas & Electric Company	NEVADA			HYDRO	HYDRO	HYDRO, WATER	NO	0
984	Spaulding 2 1	Pacific Gas & Electric Company	NEVADA			HYDRO	HYDRO	HYDRO, WATER	NO	0
985	Spaulding 3 1	Pacific Gas & Electric Company	NEVADA			HYDRO	HYDRO	HYDRO, WATER	NO	0
986	Spring Gap 1	Pacific Gas & Electric Company	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
987	Stanslaus 1	Pacific Gas & Electric Company	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
988	Tiger Creek 1-2	Pacific Gas & Electric Company	AMADOR			HYDRO	HYDRO	HYDRO, WATER	NO	0
989	Toadown 1	Pacific Gas & Electric Company	BUTTE			HYDRO	HYDRO	HYDRO, WATER	NO	0
990	Tule 1-2	Pacific Gas & Electric Company	TULARE			HYDRO	HYDRO	HYDRO, WATER	NO	0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
991	Volta 1 1	Pacific Gas & Electric Company	0	9000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	20	-1	-1	-1	15-Apr-03	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
992	Volta 2 1	Pacific Gas & Electric Company	0	900	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	20	-1	-1	-1	01-Mar-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
993	Washington IC	Pacific Gas & Electric Company	8000	250	42	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	188	0	0	
994	West Point 1	Pacific Gas & Electric Company	0	14500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	20	-1	-1	-1	01-Apr-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
995	Wis 1	Pacific Gas & Electric Company	0	14000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	20	-1	-1	-1	31-Mar-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
996	Wis 2	Pacific Gas & Electric Company	0	3100	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	20	-1	-1	-1	01-Jul-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
997	Woodward 1	Pacific Gas & Electric Company	0	2100	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Sep-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
998	Coffin Butte	Pacific Northwest Generation C	8000	2300	6	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
999	Ashton 1	PacificCorp	0	1800	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1000	Ashton 2	PacificCorp	0	2000	5	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1001	Ashton 3	PacificCorp	0	2000	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-May-03	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1002	Bend 1	PacificCorp	0	200	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-May-02	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1003	Bend 2	PacificCorp	0	350	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1004	Bend 3	PacificCorp	0	560	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1005	Big Fork 1	PacificCorp	0	1700	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1006	Big Fork 2	PacificCorp	0	1700	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1007	Big Fork 3	PacificCorp	0	750	1	6	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1008	Business One	PacificCorp	8000	14200	7	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1009	Blundell	PacificCorp	21248	19600	4	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1010	Medford Cogem	PacificCorp	8000	6000	7	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1011	Carbon ST1	PacificCorp	11290	70000	35	11	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	179	0	0	
1012	Carbon ST2	PacificCorp	10500	105000	35	11	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	190	0	0	
1013	Centralia ST1	PacificCorp	10240	670000	38	1	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	195	0	0	
1014	Centralia ST2	PacificCorp	10240	670000	38	1	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	195	0	0	
1015	City of Walla Walla 1	PacificCorp	0	2000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1016	Clearwater 1	PacificCorp	0	15000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1017	Clearwater 2 1	PacificCorp	0	26000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1018	Cline Falls 1	PacificCorp	0	1000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1019	Condit 1	PacificCorp	0	7250	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1020	Condit 2	PacificCorp	0	7250	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1021	Copco 1 1	PacificCorp	0	10000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1022	Copco 1 2	PacificCorp	0	10000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1023	Copco 2 1	PacificCorp	0	13500	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1024	Copco 2 2	PacificCorp	0	13500	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1025	Copco 5	PacificCorp	0	7000	5	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1026	Cutler 1	PacificCorp	0	14500	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1027	Cutler 2	PacificCorp	0	14500	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	21-Nov-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1028	DR Johnson Lumber	PacificCorp	8000	7500	7	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1029	Dave Johnson ST1	PacificCorp	10600	106000	39	7	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	189	0	0	
1030	Dave Johnson ST2	PacificCorp	10900	106000	39	7	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	183	0	0	
1031	Dave Johnson ST3	PacificCorp	10700	230000	39	7	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	187	0	0	
1032	Dave Johnson ST4	PacificCorp	10500	330000	39	7	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	190	0	0	
1033	East Point 1	PacificCorp	0	3000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1034	East Side 1	PacificCorp	0	3000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1035	Fall Creek 1	PacificCorp	0	500	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1036	Fall Creek 2	PacificCorp	0	450	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1037	Fall Creek 3	PacificCorp	0	1250	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1038	Fish Creek 1	PacificCorp	0	11000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1039	Fountain Green 1	PacificCorp	0	50	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1040	Gadsby ST1	PacificCorp	11500	60000	104	11	2.3	XNGST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	87	0	0	
1041	Gadsby ST2	PacificCorp	11200	75000	104	11	2.3	XNGST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE											

Number	Name	Utility	Maximm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
991	Volta 1 1	Pacific Gas & Electric Company			FALSE		H0545	VOLTA 1			
992	Volta 2 1	Pacific Gas & Electric Company			FALSE		H0546	VOLTA 2			
993	Washington IC	Pacific Gas & Electric Company			FALSE		delete				
994	West Point 1	Pacific Gas & Electric Company			FALSE		H0558	WEST POINT			
995	Wise 1	Pacific Gas & Electric Company			FALSE		H0569	WISE			
996	Wise 2	Pacific Gas & Electric Company			FALSE		H0569	WISE			
997	Woodward 1	Pacific Gas & Electric Company			FALSE		H0489	SOUTH SAN JOAQUIN LD	A.K.A.WOODWARD		
998	Coffin Butte	Pacific Northwest Generation C			FALSE						
999	Ashton 1	PacificCorp			FALSE						
1000	Ashton 2	PacificCorp			FALSE						
1001	Ashton 3	PacificCorp			FALSE						
1002	Bend 1	PacificCorp			FALSE						
1003	Bend 2	PacificCorp			FALSE						
1004	Bend 3	PacificCorp			FALSE						
1005	Big Fork 1	PacificCorp			FALSE						
1006	Big Fork 2	PacificCorp			FALSE						
1007	Big Fork 3	PacificCorp			FALSE						
1008	Biomass One	PacificCorp			FALSE						
1009	Blundell	PacificCorp			FALSE						
1010	Melford Cogen	PacificCorp			FALSE						
1011	Carbon ST1	PacificCorp			FALSE						
1012	Carbon ST2	PacificCorp			FALSE						
1013	Centralia ST1	PacificCorp			FALSE						
1014	Centralia ST2	PacificCorp			FALSE						
1015	City of Walla Walla 1	PacificCorp			FALSE						
1016	Clearwater 1 1	PacificCorp			FALSE						
1017	Clearwater 2 1	PacificCorp			FALSE						
1018	Cline Falls 1	PacificCorp			FALSE						
1019	Condit 1	PacificCorp			FALSE						
1020	Condit 2	PacificCorp			FALSE						
1021	Copco 1 1	PacificCorp			FALSE						
1022	Copco 1 2	PacificCorp			FALSE						
1023	Copco 2 1	PacificCorp			FALSE						
1024	Copco 2 2	PacificCorp			FALSE						
1025	Cove 1	PacificCorp			FALSE						
1026	Cutler 1	PacificCorp			FALSE						
1027	Cutler 2	PacificCorp			FALSE						
1028	DR Johnson Lumber	PacificCorp			FALSE						
1029	Dave Johnston ST1	PacificCorp			FALSE						
1030	Dave Johnston ST2	PacificCorp			FALSE						
1031	Dave Johnston ST3	PacificCorp			FALSE						
1032	Dave Johnston ST4	PacificCorp			FALSE						
1033	Eagle Point 1	PacificCorp			FALSE						
1034	East Side 1	PacificCorp			FALSE						
1035	Fall Creek 1	PacificCorp			FALSE						
1036	Fall Creek 2	PacificCorp			FALSE						
1037	Fall Creek 3	PacificCorp			FALSE						
1038	Fish Creek 1	PacificCorp			FALSE						
1039	Fountain Green 1	PacificCorp			FALSE						
1040	Gadsby ST1	PacificCorp			FALSE						
1041	Gadsby ST2	PacificCorp			FALSE						
1042	Gadsby ST3	PacificCorp			FALSE						
1043	Gadsby 4 GT3				FALSE						
1044	Gadsby 4 GT4				FALSE						
1045	Gadsby 4 GT5				FALSE						
1046	General Chemical CG	PacificCorp			FALSE						
1047	Grace 3	PacificCorp			FALSE						
1048	Grace 4	PacificCorp			FALSE						
1049	Grace 5	PacificCorp			FALSE						
1050	Granite 1	PacificCorp			FALSE						
1051	Gunlock 1	PacificCorp			FALSE						
1052	Hermiston Generating CCGG1	PacificCorp			FALSE						
1053	Hermiston Generating CCGG2	PacificCorp			FALSE						
1054	Hunter ST1	PacificCorp	-1	-1	FALSE						
1055	Hunter ST2	PacificCorp			FALSE						
1056	Hunter ST3	PacificCorp			FALSE						
1057	Huntington ST1	PacificCorp			FALSE						
1058	Huntington ST2	PacificCorp			FALSE						
1059	Iron Gate 1	PacificCorp			FALSE						
1060	James River Camas GTCG	PacificCorp			FALSE						
1061	Jim Bridger ST1	PacificCorp			FALSE						
1062	Jim Bridger ST2	PacificCorp			FALSE						
1063	Jim Bridger ST3	PacificCorp			FALSE						
1064	Jim Bridger ST4	PacificCorp			FALSE						
1065	John C Boyle 1	PacificCorp			FALSE						
1066	John C Boyle 2	PacificCorp			FALSE						
1067	Last Chance 1	PacificCorp			FALSE						
1068	Last Chance 2	PacificCorp			FALSE						
1069	Last Chance 3	PacificCorp			FALSE						
1070	Lemolo 1 1	PacificCorp			FALSE						
1071	Lemolo 2 1	PacificCorp			FALSE						
1072	Little Mountain GTCG	PacificCorp			FALSE						
1073	Merwin 1	PacificCorp			FALSE						
1074	Merwin 2	PacificCorp			FALSE						
1075	Merwin 3	PacificCorp			FALSE						
1076	Misc Irrig Dist 4	PacificCorp			FALSE						
1077	Misc Small Hydro 15	PacificCorp			FALSE		delete				
1078	Misc Small Hydro 18	PacificCorp			FALSE						
1079	Misc Small Hydro 3	PacificCorp			FALSE						
1080	Misc Small Hydro 6 PacificCorp	PacificCorp			FALSE		delete				
1081	Naches 2	PacificCorp			FALSE						
1082	Naches 4	PacificCorp			FALSE						
1083	Naches Drop 1	PacificCorp			FALSE						
1084	Naughton ST1	PacificCorp			FALSE						
1085	Naughton ST2	PacificCorp			FALSE						
1086	Naughton ST3	PacificCorp			FALSE						
1087	Rock River	PacificCorp			FALSE			OTH			
1088	Olmstead 1	PacificCorp			FALSE						
1089	Olmstead 2	PacificCorp			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
991	Volta 1 1	Pacific Gas & Electric Company	SHASTA		MANTONWISHOR ROAD	HYDRO	HYDRO	HYDRO,WATER	NO	0
992	Volta 2 1	Pacific Gas & Electric Company	SHASTA		MANTONWISHOR ROAD	HYDRO	HYDRO	HYDRO,WATER	NO	0
993	Washington IC	Pacific Gas & Electric Company								0
994	West Point 1	Pacific Gas & Electric Company	AMADOR			HYDRO	HYDRO	HYDRO,WATER	NO	0
995	Wise 1	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO	HYDRO,WATER	NO	0
996	Wise 2	Pacific Gas & Electric Company	PLACER			HYDRO	HYDRO	HYDRO,WATER	NO	0
997	Woodward 1	Pacific Gas & Electric Company	STANISLAUS			HYDRO	HYDRO		NO	0
998	Coffin Butte	Pacific Northwest Generation C								0
999	Ashton 1	PacificCorp								0
1000	Ashton 2	PacificCorp								0
1001	Ashton 3	PacificCorp								0
1002	Bend 1	PacificCorp								0
1003	Bend 2	PacificCorp								0
1004	Bend 3	PacificCorp								0
1005	Big Fork 1	PacificCorp								0
1006	Big Fork 2	PacificCorp								0
1007	Big Fork 3	PacificCorp								0
1008	Biomass One	PacificCorp								0
1009	Blundell	PacificCorp								0
1010	Melford Cogen	PacificCorp								0
1011	Carbon ST1	PacificCorp								0
1012	Carbon ST2	PacificCorp								0
1013	Centralia ST1	PacificCorp								0
1014	Centralia ST2	PacificCorp								0
1015	City of Walla Walla 1	PacificCorp								0
1016	Clearwater 1 1	PacificCorp								0
1017	Clearwater 2 1	PacificCorp								0
1018	Cline Falls 1	PacificCorp								0
1019	Condit 1	PacificCorp								0
1020	Condit 2	PacificCorp								0
1021	Copco 1 1	PacificCorp								0
1022	Copco 1 2	PacificCorp								0
1023	Copco 2 1	PacificCorp								0
1024	Copco 2 2	PacificCorp								0
1025	Cove 1	PacificCorp								0
1026	Cutler 1	PacificCorp								0
1027	Cutler 2	PacificCorp								0
1028	DR Johnson Lumber	PacificCorp								0
1029	Dave Johnston ST1	PacificCorp								0
1030	Dave Johnston ST2	PacificCorp								0
1031	Dave Johnston ST3	PacificCorp								0
1032	Dave Johnston ST4	PacificCorp								0
1033	Eagle Point 1	PacificCorp								0
1034	East Side 1	PacificCorp								0
1035	Fall Creek 1	PacificCorp								0
1036	Fall Creek 2	PacificCorp								0
1037	Fall Creek 3	PacificCorp								0
1038	Fish Creek 1	PacificCorp								0
1039	Fountain Green 1	PacificCorp								0
1040	Gadsby ST1	PacificCorp								0
1041	Gadsby ST2	PacificCorp								0
1042	Gadsby ST3	PacificCorp								0
1043	Gadsby 4 GT3									0
1044	Gadsby 4 GT4									0
1045	Gadsby 4 GT5									0
1046	General Chemical CG	PacificCorp								0
1047	Grace 3	PacificCorp								0
1048	Grace 4	PacificCorp								0
1049	Grace 5	PacificCorp								0
1050	Granite 1	PacificCorp								0
1051	Gunlock 1	PacificCorp								0
1052	Hermiston Generating CCGG1	PacificCorp								0
1053	Hermiston Generating CCGG2	PacificCorp								0
1054	Hunter ST1	PacificCorp								0
1055	Hunter ST2	PacificCorp								0
1056	Hunter ST3	PacificCorp								0
1057	Huntington ST1	PacificCorp								0
1058	Huntington ST2	PacificCorp								0
1059	Iron Gate 1	PacificCorp								0
1060	James River Camas GTCG	PacificCorp								0
1061	Jim Bridger ST1	PacificCorp								0
1062	Jim Bridger ST2	PacificCorp								0
1063	Jim Bridger ST3	PacificCorp								0
1064	Jim Bridger ST4	PacificCorp								0
1065	John C Boyle 1	PacificCorp								0
1066	John C Boyle 2	PacificCorp								0
1067	Last Chance 1	PacificCorp								0
1068	Last Chance 2	PacificCorp								0
1069	Last Chance 3	PacificCorp								0
1070	Lemolo 1 1	PacificCorp								0
1071	Lemolo 2 1	PacificCorp								0
1072	Little Mountain GTCG	PacificCorp								0
1073	Merwin 1	PacificCorp								0
1074	Merwin 2	PacificCorp								0
1075	Merwin 3	PacificCorp								0
1076	Misc Irrig Dist 4	PacificCorp								0
1077	Misc Small Hydro 15	PacificCorp								0
1078	Misc Small Hydro 18	PacificCorp								0
1079	Misc Small Hydro 5	PacificCorp								0
1080	Misc Small Hydro 6 PacificCorp	PacificCorp								0
1081	Naches 2	PacificCorp								0
1082	Naches 4	PacificCorp								0
1083	Naches Drop 1	PacificCorp								0
1084	Naughton ST1	PacificCorp								0
1085	Naughton ST2	PacificCorp								0
1086	Naughton ST3	PacificCorp								0
1087	Rock River	OTH								0
1088	Olmstead 1	PacificCorp								0
1089	Olmstead 2	PacificCorp								0



Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Costs	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
1090	Olmstead 4	PacificCorp	0	4800	1	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1091	Oceida 1	PacificCorp	0	9333	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1092	Oceida 2	PacificCorp	0	9333	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1093	Oceida 3	PacificCorp	0	9333	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1094	Pan 1	PacificCorp	0	2090	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1095	Pelton Re-Reg 1	PacificCorp	0	20790	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1096	Pioneer 1	PacificCorp	0	2000	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1097	Pioneer 2	PacificCorp	0	2000	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1098	Powerdale 1	PacificCorp	0	6000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1099	Prospect 1.1	PacificCorp	0	5000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1100	Prospect 2.1	PacificCorp	0	16000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1101	Prospect 2.2	PacificCorp	0	16000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1102	Prospect 3.1	PacificCorp	0	8000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1103	Prospect 4.1	PacificCorp	0	1000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1104	Sand Cove 1	PacificCorp	0	500	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1105	SF Phosphates STCG	PacificCorp	8000	300	7	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1106	Skookumchuck 1	PacificCorp	0	1000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1107	Snake Creek 1	PacificCorp	0	18000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1108	Snake Creek 1 PacificCorp	PacificCorp	0	100	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1109	Snake Creek 2	PacificCorp	0	100	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1110	Soda 1	PacificCorp	0	3500	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1111	Soda 2	PacificCorp	0	3500	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1112	Soda Springs 1	PacificCorp	0	11000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1113	St Anthony 1	PacificCorp	0	400	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1114	Stairs 1	PacificCorp	0	200	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1115	Stevens CG	PacificCorp	0	51200	8000	1	1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1116	Swift 1 HY11	PacificCorp	0	73000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1117	Swift 1 HY12	PacificCorp	0	73000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1118	Swift 1 HY13	PacificCorp	0	73000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1119	Swift 2.1	PacificCorp	0	34000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1120	Swift 2.2	PacificCorp	0	34000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1121	Toketee 1	PacificCorp	0	14333	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1122	Toketee 2	PacificCorp	0	14333	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1123	Toketee 3	PacificCorp	0	14333	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1124	Upper Beaver 1	PacificCorp	0	500	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1125	Upper Beaver 2	PacificCorp	0	500	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1126	Veyo 1	PacificCorp	0	200	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1127	Viva Naughton 1	PacificCorp	0	567	1	7	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1128	Viva Naughton 2	PacificCorp	0	173	7	7	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1129	Wallowa Falls 1	PacificCorp	0	1000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1130	Warm Spgs For Prod	PacificCorp	8000	19400	7	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1131	Weber 1	PacificCorp	0	2000	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1132	West Side 1	PacificCorp	0	1000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1133	Wyodak ST	PacificCorp	11680	335000	39	7	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	171	0	0	
1134	Yakima-Tieton ID 1	PacificCorp	0	3000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1135	Yale 1	PacificCorp	0	64000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1136	Yale 2	PacificCorp	0	64000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1137	Center Creek 1	Paroway City Corp - UT	0	250	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1138	Red Creek 1	Paroway City Corp - UT	0	250	1	11	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1139	Azusa 1	Pasadena CA, City of	0	3000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1140	Broadway ST1	Pasadena CA, City of	11750	33000	111	3	2.3	XNGS75SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	85	0	0	
1141	Broadway ST2	Pasadena CA, City of	11200	4000																													

Number	Name	Utility	Maximum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1090	Olmstead 4	PacifiCorp			FALSE						
1091	Oncida 1	PacifiCorp			FALSE						
1092	Oncida 2	PacifiCorp			FALSE						
1093	Oncida 3	PacifiCorp			FALSE						
1094	Paris 1	PacifiCorp			FALSE						
1095	Pelton Re-Reg 1	PacifiCorp			FALSE						
1096	Pioneer 1	PacifiCorp			FALSE						
1097	Pioneer 2	PacifiCorp			FALSE						
1098	Powerdale 1	PacifiCorp			FALSE						
1099	Prospect 1 1	PacifiCorp			FALSE						
1100	Prospect 2 1	PacifiCorp			FALSE						
1101	Prospect 2 2	PacifiCorp			FALSE						
1102	Prospect 3 1	PacifiCorp			FALSE						
1103	Prospect 4 1	PacifiCorp			FALSE						
1104	Sand Cove 1	PacifiCorp			FALSE						
1105	SF Phosphates STCG	PacifiCorp			FALSE						
1106	Skookumchuck 1	PacifiCorp			FALSE						
1107	Snake Creek 1	PacifiCorp			FALSE						
1108	Snake Creek 1 PacifiCorp	PacifiCorp			FALSE						
1109	Snake Creek 2	PacifiCorp			FALSE						
1110	Soda 1	PacifiCorp			FALSE						
1111	Soda 2	PacifiCorp			FALSE						
1112	Soda Springs 1	PacifiCorp			FALSE						
1113	St Anthony 1	PacifiCorp			FALSE						
1114	Stairs 1	PacifiCorp			FALSE						
1115	Sunnyside CG	PacifiCorp			FALSE						
1116	Swift 1 HY11	PacifiCorp			FALSE						
1117	Swift 1 HY12	PacifiCorp			FALSE						
1118	Swift 1 HY13	PacifiCorp			FALSE						
1119	Swift 2 21	PacifiCorp			FALSE						
1120	Swift 2 22	PacifiCorp			FALSE						
1121	Toketee 1	PacifiCorp			FALSE						
1122	Toketee 2	PacifiCorp			FALSE						
1123	Toketee 3	PacifiCorp			FALSE						
1124	Upper Beaver 1	PacifiCorp			FALSE						
1125	Upper Beaver 2	PacifiCorp			FALSE						
1126	Veyo 1	PacifiCorp			FALSE						
1127	Viva Naughton 1	PacifiCorp			FALSE						
1128	Viva Naughton 2	PacifiCorp			FALSE						
1129	Wallowa Falls 1	PacifiCorp			FALSE						
1130	Warm Spgs For Prod	PacifiCorp			FALSE						
1131	Weber 1	PacifiCorp			FALSE						
1132	Wear Side 1	PacifiCorp			FALSE						
1133	Wyodak ST	PacifiCorp			FALSE						
1134	Yakima-Tieton ID 1	PacifiCorp			FALSE						
1135	Yale 1	PacifiCorp			FALSE						
1136	Yale 2	PacifiCorp			FALSE						
1137	Center Creek 1	Parowan City Corp - UT			FALSE						
1138	Red Creek 1	Parowan City Corp - UT			FALSE						
1139	Azusa 1	Pasadena CA, City of			FALSE		H0014	AZUSA			
1140	Broadway ST1	Pasadena CA, City of			FALSE		G0061	BROADWAY			
1141	Broadway ST2	Pasadena CA, City of			FALSE		G0061	BROADWAY			
1142	Broadway ST3	Pasadena CA, City of			FALSE		G0061	BROADWAY			
1143	Glenarm GT1	Pasadena CA, City of			FALSE		G0231	GLENARM	GLENARM #1-#2		
1144	Glenarm GT2	Pasadena CA, City of			FALSE		G0231	GLENARM	GLENARM #1-#2		
1145	Payson IC1	Payson City Corp - UT			FALSE						
1146	Payson IC2	Payson City Corp - UT			FALSE						
1147	Payson IC3	Payson City Corp - UT			FALSE						
1148	Payson IC4	Payson City Corp - UT			FALSE						
1149	French Meadows 1	Placer County Water Agency - C			FALSE		H0195	FRENCH MEADOWS			
1150	Hell Hole 1	Placer County Water Agency - C			FALSE		H0228	PLACER COUNTY WATER AGENCY	HELL HOLE POWERHOUSE		
1151	Middle Fork 1	Placer County Water Agency - C			FALSE		H0328	MIDDLE GORGE			
1152	Middle Fork 2	Placer County Water Agency - C			FALSE		H0328	MIDDLE GORGE			
1153	Oxbow 1 PCWA	Placer County Water Agency - C			FALSE		H0374	OXBOW			
1154	Ralston 1	Placer County Water Agency - C			FALSE		H0406	RALSTON			
1155	PEGS ST	Plains Electric Gen & Trans Co			FALSE						
1156	Medicine Bow	OTH			FALSE						
1157	Rawhide ST	Platte River Power Authority -			FALSE						
1158	Rawhide GT-A				FALSE						
1159	Rawhide GT-B				FALSE						
1160	Rawhide GT-C				FALSE						
1161	Morse Creek 1	Port Angeles WA, City of			FALSE						
1162	Beaver CC	Portland General Electric Comp			FALSE						
1163	Beaver GTS				FALSE						
1164	Boardman ST reated	Portland General Electric Comp			FALSE						
1165	Bull Run 1	Portland General Electric Comp			FALSE						
1166	Bull Run 2	Portland General Electric Comp			FALSE						
1167	Bull Run 3	Portland General Electric Comp			FALSE						
1168	Bull Run 4	Portland General Electric Comp			FALSE						
1169	Coyote Springs LCC reated	Portland General Electric Comp			FALSE						
1170	Faraday 1	Portland General Electric Comp			FALSE						
1171	Faraday 2	Portland General Electric Comp			FALSE						
1172	Faraday 3	Portland General Electric Comp			FALSE						
1173	Faraday 4	Portland General Electric Comp			FALSE						
1174	Faraday 5	Portland General Electric Comp			FALSE						
1175	Faraday 6	Portland General Electric Comp			FALSE						
1176	Marion Solid Waste	Portland General Electric Comp			FALSE						
1177	Mt Taber 1	Portland General Electric Comp			FALSE						
1178	North Fork 1	Portland General Electric Comp			FALSE						
1179	North Fork 2	Portland General Electric Comp			FALSE						
1180	Oak Grove 1	Portland General Electric Comp			FALSE						
1181	Oak Grove 2	Portland General Electric Comp			FALSE						
1182	Pelton 1	Portland General Electric Comp			FALSE						
1183	Pelton 2	Portland General Electric Comp			FALSE						
1184	Pelton 3	Portland General Electric Comp			FALSE						
1185	Portland Hydro Proj 1 (BullRun1)	Portland General Electric Comp			FALSE						
1186	Portland Hydro Proj 2 (BullRun2)	Portland General Electric Comp			FALSE						
1187	River Mill 1	Portland General Electric Comp			FALSE						
1188	River Mill 2	Portland General Electric Comp			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1090	Olmstead 4	PacifiCorp								0
1091	Oncida 1	PacifiCorp								0
1092	Oncida 2	PacifiCorp								0
1093	Oncida 3	PacifiCorp								0
1094	Paris 1	PacifiCorp								0
1095	Pelton Re-Reg 1	PacifiCorp								0
1096	Pioneer 1	PacifiCorp								0
1097	Pioneer 2	PacifiCorp								0
1098	Powerdale 1	PacifiCorp								0
1099	Prospect 1 1	PacifiCorp								0
1100	Prospect 2 1	PacifiCorp								0
1101	Prospect 2 2	PacifiCorp								0
1102	Prospect 3 1	PacifiCorp								0
1103	Prospect 4 1	PacifiCorp								0
1104	Sand Cove 1	PacifiCorp								0
1105	SF Phosphates STCG	PacifiCorp								0
1106	Skookumchuck 1	PacifiCorp								0
1107	Snake Creek 1	PacifiCorp								0
1108	Snake Creek 1 PacifiCorp	PacifiCorp								0
1109	Snake Creek 2	PacifiCorp								0
1110	Soda 1	PacifiCorp								0
1111	Soda 2	PacifiCorp								0
1112	Soda Springs 1	PacifiCorp								0
1113	St Anthony 1	PacifiCorp								0
1114	Stairs 1	PacifiCorp								0
1115	Stansyslak CG	PacifiCorp								0
1116	Swift 1 HY11	PacifiCorp								0
1117	Swift 1 HY12	PacifiCorp								0
1118	Swift 1 HY13	PacifiCorp								0
1119	Swift 2 21	PacifiCorp								0
1120	Swift 2 22	PacifiCorp								0
1121	Toketee 1	PacifiCorp								0
1122	Toketee 2	PacifiCorp								0
1123	Toketee 3	PacifiCorp								0
1124	Upper Beaver 1	PacifiCorp								0
1125	Upper Beaver 2	PacifiCorp								0
1126	Veyo 1	PacifiCorp								0
1127	Viva Naughton 1	PacifiCorp								0
1128	Viva Naughton 2	PacifiCorp								0
1129	Wallowa Falls 1	PacifiCorp								0
1130	Warm Spgs For Prod	PacifiCorp								0
1131	Weber 1	PacifiCorp								0
1132	Weir Side 1	PacifiCorp								0
1133	Wyodak ST	PacifiCorp								0
1134	Yakima-Tieton ID 1	PacifiCorp								0
1135	Yale 1	PacifiCorp								0
1136	Yale 2	PacifiCorp								0
1137	Center Creek 1	Parowan City Corp - UT								0
1138	Red Creek 1	Parowan City Corp - UT								0
1139	Azusa 1	Pasadena CA, City of	LOS ANGELES							0
1140	Broadway ST1	Pasadena CA, City of	LOS ANGELES		130 WALLIS	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
1141	Broadway ST2	Pasadena CA, City of	LOS ANGELES		130 WALLIS	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1142	Broadway ST3	Pasadena CA, City of	LOS ANGELES		130 WALLIS	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1143	Glenarm GT1	Pasadena CA, City of	LOS ANGELES		45 EAST GLENARM AVENUE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1144	Glenarm GT2	Pasadena CA, City of	LOS ANGELES		45 EAST GLENARM AVENUE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1145	Payson IC1	Payson City Corp - UT								0
1146	Payson IC2	Payson City Corp - UT								0
1147	Payson IC3	Payson City Corp - UT								0
1148	Payson IC4	Payson City Corp - UT								0
1149	French Meadows 1	Placer County Water Agency - C	PLACER			HYDRO	HYDRO	HYDRO,WATER	NO	0
1150	Hell Hole 1	Placer County Water Agency - C	PLACER			HYDRO	HYDRO	HYDRO,WATER	NO	0
1151	Middle Fork 1	Placer County Water Agency - C	MONO		OWENS RIVER, 18.5 MILES NORTH OF BISHOP	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
1152	Middle Fork 2	Placer County Water Agency - C	MONO		OWENS RIVER, 18.5 MILES NORTH OF BISHOP	HYDRO	HYDRO	HYDRAULIC TURBINE - PIPELINE	NO	0
1153	Oshow 1 PCWA	Placer County Water Agency - C	EL DORADO			HYDRO	HYDRO	HYDRO,WATER	NO	0
1154	Ralston 1	Placer County Water Agency - C	PLACER			HYDRO	HYDRO	HYDRO,WATER	NO	0
1155	PEGGS ST	Plains Electric Gen & Trans Co								0
1156	Medicine Bow	OTH								0
1157	Rawhide ST	Platte River Power Authority -								0
1158	Rawhide GT-A									0
1159	Rawhide GT-B									0
1160	Rawhide GT-C									0
1161	Morse Creek 1	Port Angeles WA, City of								0
1162	Beaver CC	Portland General Electric Comp								0
1163	Beaver GTS									0
1164	Boardman ST rereated	Portland General Electric Comp								0
1165	Bull Run 1	Portland General Electric Comp								0
1166	Bull Run 2	Portland General Electric Comp								0
1167	Bull Run 3	Portland General Electric Comp								0
1168	Bull Run 4	Portland General Electric Comp								0
1169	Coyote Springs LCC rereated	Portland General Electric Comp								0
1170	Faraday 1	Portland General Electric Comp								0
1171	Faraday 2	Portland General Electric Comp								0
1172	Faraday 3	Portland General Electric Comp								0
1173	Faraday 4	Portland General Electric Comp								0
1174	Faraday 5	Portland General Electric Comp								0
1175	Faraday 6	Portland General Electric Comp								0
1176	Marion Solid Waste	Portland General Electric Comp								0
1177	Mt Taber 1	Portland General Electric Comp								0
1178	North Fork 1	Portland General Electric Comp								0
1179	North Fork 2	Portland General Electric Comp								0
1180	Oak Grove 1	Portland General Electric Comp								0
1181	Oak Grove 2	Portland General Electric Comp								0
1182	Pelton 1	Portland General Electric Comp								0
1183	Pelton 2	Portland General Electric Comp								0
1184	Pelton 3	Portland General Electric Comp								0
1185	Portland Hydro Proj 1 (BullRun1)	Portland General Electric Comp								0
1186	Portland Hydro Proj 2 (BullRun2)	Portland General Electric Comp								0
1187	River Mill 1	Portland General Electric Comp								0
1188	River Mill 2	Portland General Electric Comp								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
1189	River Mill 3	Portland General Electric Comp	0	3984	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	13-Jan-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1190	River Mill 4	Portland General Electric Comp	0	5010	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	13-Jan-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1191	River Mill 5	Portland General Electric Comp	0	6037	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1192	Round Butte 1	Portland General Electric Comp	0	10000	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1193	Round Butte 2	Portland General Electric Comp	0	10000	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1194	Round Butte 3	Portland General Electric Comp	0	10000	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1195	Sullivan 1	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1196	Sullivan 10	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1197	Sullivan 11	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1198	Sullivan 12	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1199	Sullivan 13	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1200	Sullivan 2	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1201	Sullivan 3	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1202	Sullivan 4	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1203	Sullivan 5	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1204	Sullivan 6	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1205	Sullivan 7	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1206	Sullivan 8	Portland General Electric Comp	0	1247	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1207	Sullivan 9	Portland General Electric Comp	0	1039	1	1	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1208	Bonnett #1 1-4	Provo City Corp - UT	41482	2700	4	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1209	Bonnett #2	Provo City Corp - UT	41482	1700	4	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1210	Bonnett #3	Provo City Corp - UT	41482	6000	4	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1211	Provo ST4	Provo City Corp - UT	10000	8000	94	11	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	69	0	0	
1212	Provo IC5	Provo City Corp - UT	8000	2500	42	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1213	Provo IC6	Provo City Corp - UT	8000	2500	42	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1214	Provo IC7	Provo City Corp - UT	8000	2500	42	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1215	Provo IC8	Provo City Corp - UT	8000	2500	42	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1216	75 St Waste Water	Public Service Company of Colo	8000	4800	7	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	0	0	0	
1217	Alamosa GT1	Public Service Company of Colo	15070	17000	105	8	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	66	0	0	
1218	Alamosa GT2	Public Service Company of Colo	14000	17500	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	107	0	0	
1219	Atlas CCGC	Public Service Company of Colo	8000	72000	93	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	125	0	0	
1220	Ames 1	Public Service Company of Colo	0	3750	1	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1221	Arapahoe ST1	Public Service Company of Colo	11730	45000	36	8	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	171	0	0	
1222	Arapahoe ST2	Public Service Company of Colo	11730	45000	36	8	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	171	0	0	
1223	Arapahoe ST3	Public Service Company of Colo	11810	45000	36	8	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	169	0	0	
1224	Arapahoe ST4	Public Service Company of Colo	10700	11000	36	8	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	187	0	0	
1225	Betaso Hydro 1	Public Service Company of Colo	0	2717	1	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1226	Burgess Elec GTCCG	Public Service Company of Colo	8000	200	7	8	-	-	01-Jan-80	01-Jan-80	25	25	1	1	1	1	1	1	1	01-Jan-80	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	0	0	0	
1227	Boulder 1 PSCO	Public Service Company of Colo	0	10000	1	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1228	Boulder 2 PSCO	Public Service Company of Colo	0	10000	1	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1229	Bridal Veil Falls 1	Public Service Company of Colo	0	500	1	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1230	Brush 1 GTCCG	Public Service Company of Colo	8000	8000	93	8	-	-	01-Jan-80	01-Jan-80	25	25	1	1	1	1	1	1	1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1231	Bullcock ST1	Public Service Company of Colo	13100	6000	36	8	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	191	0	0	
1232	Bullcock ST2	Public Service Company of Colo	13100	6000	36	8	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	191	0	0	
1233	Burlington GT1	Public Service Company of Colo	10000	60000	105	8	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	66	0	0	
1234	Burlington GT2	Public Service Company of Colo	10000	60000	105	8	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	66	0	0	
1235	Cabin Creek 1	Public Service Company of Colo	4266	134000	10	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	197	0	0	
1236	Cabin Creek 2	Public Service Company of Colo	4266	134000	10	8	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	197	0	0	
1237	Cameo ST1	Public Service Company of Colo	12440	23700	36	8	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	161	0	0	
1238	Cameo ST2	Public Service Company of Colo	10890	49000	36	8	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	184	0	0	
1239	Cherokee ST1</																																

Number	Name	Utility	Maximum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1189	River Mill 3	Portland General Electric Comp			FALSE						
1190	River Mill 4	Portland General Electric Comp			FALSE						
1191	River Mill 5	Portland General Electric Comp			FALSE						
1192	Round Butte 1	Portland General Electric Comp			FALSE						
1193	Round Butte 2	Portland General Electric Comp			FALSE						
1194	Round Butte 3	Portland General Electric Comp			FALSE						
1195	Sullivan 1	Portland General Electric Comp			FALSE						
1196	Sullivan 10	Portland General Electric Comp			FALSE						
1197	Sullivan 11	Portland General Electric Comp			FALSE						
1198	Sullivan 12	Portland General Electric Comp			FALSE						
1199	Sullivan 13	Portland General Electric Comp			FALSE						
1200	Sullivan 2	Portland General Electric Comp			FALSE						
1201	Sullivan 3	Portland General Electric Comp			FALSE						
1202	Sullivan 4	Portland General Electric Comp			FALSE						
1203	Sullivan 5	Portland General Electric Comp			FALSE						
1204	Sullivan 6	Portland General Electric Comp			FALSE						
1205	Sullivan 7	Portland General Electric Comp			FALSE						
1206	Sullivan 8	Portland General Electric Comp			FALSE						
1207	Sullivan 9	Portland General Electric Comp			FALSE						
1208	Bonnett #1 1-4	Provo City Corp - UT			FALSE						
1209	Bonnett #2	Provo City Corp - UT			FALSE						
1210	Bonnett #3	Provo City Corp - UT			FALSE						
1211	Provo ST4				FALSE						
1212	Provo IC5	Provo City Corp - UT			FALSE						
1213	Provo IC6	Provo City Corp - UT			FALSE						
1214	Provo IC7	Provo City Corp - UT			FALSE						
1215	Provo IC8	Provo City Corp - UT			FALSE						
1216	75 St Waste Water	Public Service Company of Colo			FALSE						
1217	Alamosa GT1	Public Service Company of Colo			FALSE						
1218	Alamosa GT2	Public Service Company of Colo			FALSE						
1219	Atlas CCGG	Public Service Company of Colo			FALSE						
1220	Ames 1	Public Service Company of Colo			FALSE						
1221	Arapahoe ST1	Public Service Company of Colo			FALSE						
1222	Arapahoe ST2	Public Service Company of Colo			FALSE						
1223	Arapahoe ST3	Public Service Company of Colo			FALSE						
1224	Arapahoe ST4	Public Service Company of Colo			FALSE						
1225	Betasso Hydro 1	Public Service Company of Colo			FALSE						
1226	Burgas Elec GTCG	Public Service Company of Colo			FALSE						
1227	Boulder 1 PSCO	Public Service Company of Colo			FALSE						
1228	Boulder 2 PSCO	Public Service Company of Colo			FALSE						
1229	Bridal Veil Falls 1	Public Service Company of Colo			FALSE						
1230	Brush 1 GTCG	Public Service Company of Colo			FALSE						
1231	Bullock ST1				FALSE						
1232	Bullock ST2				FALSE						
1233	Burlington GT1				FALSE						
1234	Burlington GT2				FALSE						
1235	Cabin Crsek 1	Public Service Company of Colo			FALSE						
1236	Cabin Crsek 2	Public Service Company of Colo			FALSE						
1237	Cameo ST1	Public Service Company of Colo			FALSE						
1238	Cameo ST2	Public Service Company of Colo			FALSE						
1239	Cherokee ST1	Public Service Company of Colo			FALSE						
1240	Cherokee ST2	Public Service Company of Colo			FALSE						
1241	Cherokee ST3	Public Service Company of Colo			FALSE						
1242	Cherokee ST4	Public Service Company of Colo			FALSE						
1243	Cherokee IC1	Public Service Company of Colo			FALSE						
1244	Cherokee IC2	Public Service Company of Colo			FALSE						
1245	Brush 2 GTCG	Public Service Company of Colo			FALSE						
1246	Comanche ST1	Public Service Company of Colo			FALSE						
1247	Comanche ST2	Public Service Company of Colo			FALSE						
1248	Coors Biotech GTCG	Public Service Company of Colo			FALSE						
1249	County Line Landfill	Public Service Company of Colo			FALSE						
1250	Fort Lupton GT1	Public Service Company of Colo			FALSE						
1251	Fort Lupton GT2	Public Service Company of Colo			FALSE						
1252	Fruita GT	Public Service Company of Colo			FALSE						
1253	George Meyers Pool GTCG	Public Service Company of Colo			FALSE						
1254	Georgetown 1	Public Service Company of Colo			FALSE						
1255	Georgetown 2	Public Service Company of Colo			FALSE						
1256	Greeley Energy GTCG	Public Service Company of Colo			FALSE						
1257	Hayden ST1	Public Service Company of Colo			FALSE						
1258	Hayden ST2	Public Service Company of Colo			FALSE						
1259	Ignacio Gasoline Plant GTCG	Public Service Company of Colo			FALSE						
1260	Kalbar Hydro 1-2	Public Service Company of Colo			FALSE						
1261	Maxwell Hydro 1	Public Service Company of Colo			FALSE						
1262	Mt Elbert Conduit 1	Public Service Company of Colo			FALSE						
1263	Orodeli Hydro 1	Public Service Company of Colo			FALSE						
1264	Oriny 1	Public Service Company of Colo			FALSE						
1265	Palisade 1	Public Service Company of Colo			FALSE						
1266	Palisade 2	Public Service Company of Colo			FALSE						
1267	Pawnee ST	Public Service Company of Colo			FALSE						
1268	Pansequin	OTH			FALSE						
1269	Salida 1 1	Public Service Company of Colo			FALSE						
1270	Salida 2 1	Public Service Company of Colo			FALSE						
1271	Shoshone 1 PSCO	Public Service Company of Colo			FALSE						
1272	Shoshone 2	Public Service Company of Colo			FALSE						
1273	Stagecoach Hydro 1	Public Service Company of Colo			FALSE						
1274	Sunshine Hydro 1	Public Service Company of Colo			FALSE						
1275	Tacoma 1	Public Service Company of Colo			FALSE						
1276	Tacoma 2	Public Service Company of Colo			FALSE						
1277	Tacoma 3	Public Service Company of Colo			FALSE						
1278	Thermo Carbonic CCGG	Public Service Company of Colo			FALSE						
1279	Thermo Ft Lupton GTCG	Public Service Company of Colo			FALSE						
1280	Thermo Industries GTCG	Public Service Company of Colo			FALSE						
1281	University of Colorado GTCG	Public Service Company of Colo			FALSE						
1282	Vallcito Hydro 1-3	Public Service Company of Colo			FALSE						
1283	Valmont ST5	Public Service Company of Colo			FALSE						
1284	Valmont GT6	Public Service Company of Colo			FALSE						
1285	Wanzenberg Field GTCG	Public Service Company of Colo			FALSE						
1286	Zuni ST1	Public Service Company of Colo			FALSE						
1287	Zuni ST2	Public Service Company of Colo			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1189	River Mill 3	Portland General Electric Comp								0
1190	River Mill 4	Portland General Electric Comp								0
1191	River Mill 5	Portland General Electric Comp								0
1192	Round Butte 1	Portland General Electric Comp								0
1193	Round Butte 2	Portland General Electric Comp								0
1194	Round Butte 3	Portland General Electric Comp								0
1195	Sullivan 1	Portland General Electric Comp								0
1196	Sullivan 10	Portland General Electric Comp								0
1197	Sullivan 11	Portland General Electric Comp								0
1198	Sullivan 12	Portland General Electric Comp								0
1199	Sullivan 13	Portland General Electric Comp								0
1200	Sullivan 2	Portland General Electric Comp								0
1201	Sullivan 3	Portland General Electric Comp								0
1202	Sullivan 4	Portland General Electric Comp								0
1203	Sullivan 5	Portland General Electric Comp								0
1204	Sullivan 6	Portland General Electric Comp								0
1205	Sullivan 7	Portland General Electric Comp								0
1206	Sullivan 8	Portland General Electric Comp								0
1207	Sullivan 9	Portland General Electric Comp								0
1208	Bonnett #1 1-4	Provo City Corp - UT								0
1209	Bonnett #2	Provo City Corp - UT								0
1210	Bonnett #3	Provo City Corp - UT								0
1211	Provo ST4									0
1212	Provo IC5	Provo City Corp - UT								0
1213	Provo IC6	Provo City Corp - UT								0
1214	Provo IC7	Provo City Corp - UT								0
1215	Provo IC8	Provo City Corp - UT								0
1216	75 St Waste Water	Public Service Company of Colo								0
1217	Alamosa GT1	Public Service Company of Colo								0
1218	Alamosa GT2	Public Service Company of Colo								0
1219	Atlas CCGG	Public Service Company of Colo								0
1220	Ames 1	Public Service Company of Colo								0
1221	Arapahoe ST1	Public Service Company of Colo								0
1222	Arapahoe ST2	Public Service Company of Colo								0
1223	Arapahoe ST3	Public Service Company of Colo								0
1224	Arapahoe ST4	Public Service Company of Colo								0
1225	Betasso Hydro 1	Public Service Company of Colo								0
1226	Biggs Elec GTCG	Public Service Company of Colo								0
1227	Boulder 1 PSCO	Public Service Company of Colo								0
1228	Boulder 2 PSCO	Public Service Company of Colo								0
1229	Bridal Veil Falls 1	Public Service Company of Colo								0
1230	Brush 1 GTCG	Public Service Company of Colo								0
1231	Bullock ST1									0
1232	Bullock ST2									0
1233	Burlington GT1									0
1234	Burlington GT2									0
1235	Cabin Creek 1	Public Service Company of Colo	130		3888		0.5			0
1236	Cabin Creek 2	Public Service Company of Colo	130		3888		0.5			0
1237	Cameo ST1	Public Service Company of Colo								0
1238	Cameo ST2	Public Service Company of Colo								0
1239	Cherokee ST1	Public Service Company of Colo								0
1240	Cherokee ST2	Public Service Company of Colo								0
1241	Cherokee ST3	Public Service Company of Colo								0
1242	Cherokee ST4	Public Service Company of Colo								0
1243	Cherokee IC1	Public Service Company of Colo								0
1244	Cherokee IC2	Public Service Company of Colo								0
1245	Brush 2 GTCG	Public Service Company of Colo								0
1246	Comanche ST1	Public Service Company of Colo								0
1247	Comanche ST2	Public Service Company of Colo								0
1248	Coors Biotech GTCG	Public Service Company of Colo								0
1249	County Line Landfill	Public Service Company of Colo								0
1250	Fort Lupton GT1	Public Service Company of Colo								0
1251	Fort Lupton GT2	Public Service Company of Colo								0
1252	Fruita GT	Public Service Company of Colo								0
1253	George Meyers Pool GTCG	Public Service Company of Colo								0
1254	Georgetown 1	Public Service Company of Colo								0
1255	Georgetown 2	Public Service Company of Colo								0
1256	Greeley Energy GTCG	Public Service Company of Colo								0
1257	Hayden ST1	Public Service Company of Colo								0
1258	Hayden ST2	Public Service Company of Colo								0
1259	Ignacio Gasoline Plant GTCG	Public Service Company of Colo								0
1260	Kahler Hydro 1-2	Public Service Company of Colo								0
1261	Maxwell Hydro 1	Public Service Company of Colo								0
1262	Mt Elbert Conduit 1	Public Service Company of Colo								0
1263	Orodel Hydro 1	Public Service Company of Colo								0
1264	Ormy 1	Public Service Company of Colo								0
1265	Palisade 1	Public Service Company of Colo								0
1266	Palisade 2	Public Service Company of Colo								0
1267	Pawnee ST	Public Service Company of Colo								0
1268	Pansequin	OTH								0
1269	Salida 1 1	Public Service Company of Colo								0
1270	Salida 2 1	Public Service Company of Colo								0
1271	Shoshone 1 PSCO	Public Service Company of Colo								0
1272	Shoshone 2	Public Service Company of Colo								0
1273	Stagecoach Hydro 1	Public Service Company of Colo								0
1274	Sunshine Hydro 1	Public Service Company of Colo								0
1275	Tacoma 1	Public Service Company of Colo								0
1276	Tacoma 2	Public Service Company of Colo								0
1277	Tacoma 3	Public Service Company of Colo								0
1278	Thermo Carbonic CCGG	Public Service Company of Colo								0
1279	Thermo Ft Lupton GTCG	Public Service Company of Colo								0
1280	Thermo Industries GTCG	Public Service Company of Colo								0
1281	University of Colorado GTCG	Public Service Company of Colo								0
1282	Vallecito Hydro 1-3	Public Service Company of Colo								0
1283	Valmont ST5	Public Service Company of Colo								0
1284	Valmont GT6	Public Service Company of Colo								0
1285	Wattsberg Field GTCG	Public Service Company of Colo								0
1286	Zuni ST1	Public Service Company of Colo								0
1287	Zuni ST2	Public Service Company of Colo								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cyclic	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity	
1288	Aflon GT (pre-CC)		10000	15000	84	9	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	114	0	0		
1289	Las Vegas GT	Public Service Company of New	15752	20000	114	9	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	63	0	0		
1290	Lordsburg GT1		10000	40000	84	9	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-	-	-	-	-	114	0	0		
1291	Lordsburg GT2		10000	40000	84	9	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-	-	-	-	-	114	0	0		
1292	New Mexico Wind Energy		20000	2	9	-	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1293	Reeves ST1	Public Service Company of New	11143	44000	84	9	2.3	XNNGT55FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	90	0	0		
1294	Reeves ST2	Public Service Company of New	10972	44000	84	9	2.3	XNNGT55FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	91	0	0		
1295	Reeves ST3	Public Service Company of New	14690	66000	84	9	2.3	XNNGT55FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	68	0	0		
1296	San Juan ST1	Public Service Company of New	11255	327000	34	9	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	178	0	0		
1297	San Juan ST2	Public Service Company of New	12869	316000	34	9	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	155	0	0		
1298	San Juan ST3	Public Service Company of New	12258	497000	34	9	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	163	0	0		
1299	San Juan ST4	Public Service Company of New	10389	507000	34	9	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	193	0	0		
1300	Chelan 1	PUD No. 1 of Chelan County - W	0	27000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1301	Chelan 2	PUD No. 1 of Chelan County - W	0	27000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1302	Rock Island A	PUD No. 1 of Chelan County - W	0	1200	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1303	Rock Island B-01	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1304	Rock Island B-10	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1305	Rock Island B-02	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1306	Rock Island B-03	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	38	0	6	-	-	-	-	-	-	0	0	0	
1307	Rock Island B-04	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1308	Rock Island B-05	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1309	Rock Island B-06	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1310	Rock Island B-07	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1311	Rock Island B-08	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1312	Rock Island B-09	PUD No. 1 of Chelan County - W	0	15000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1313	Rock Island U-1	PUD No. 1 of Chelan County - W	0	49000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1314	Rock Island U-2	PUD No. 1 of Chelan County - W	0	49000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1315	Rock Island U-3	PUD No. 1 of Chelan County - W	0	49000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1316	Rock Island U-4	PUD No. 1 of Chelan County - W	0	49000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1317	Rock Island U-5	PUD No. 1 of Chelan County - W	0	49000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1318	Rock Island U-6	PUD No. 1 of Chelan County - W	0	49000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1319	Rock Island U-7	PUD No. 1 of Chelan County - W	0	49000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1320	Rock Island U-8	PUD No. 1 of Chelan County - W	0	49000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1321	Rocky Reach 1	PUD No. 1 of Chelan County - W	0	112000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1322	Rocky Reach 10	PUD No. 1 of Chelan County - W	0	126000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1323	Rocky Reach 11	PUD No. 1 of Chelan County - W	0	126000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1324	Rocky Reach 2	PUD No. 1 of Chelan County - W	0	112000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1325	Rocky Reach 3	PUD No. 1 of Chelan County - W	0	112000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1326	Rocky Reach 4	PUD No. 1 of Chelan County - W	0	112000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1327	Rocky Reach 5	PUD No. 1 of Chelan County - W	0	112000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1328	Rocky Reach 6	PUD No. 1 of Chelan County - W	0	112000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1329	Rocky Reach 7	PUD No. 1 of Chelan County - W	0	111000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1330	Rocky Reach 8	PUD No. 1 of Chelan County - W	0	126000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1331	Rocky Reach 9	PUD No. 1 of Chelan County - W	0	126000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0		
1332	Wells U-1	PUD No. 1 of Douglas County -	0	84000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-																			

Number	Name	Utility	Maximum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1288	Aflon GT (pre-CC)				FALSE						
1289	Las Vegas GT	Public Service Company of New			FALSE						
1290	Lordsburg GT1				FALSE						
1291	Lordsburg GT2				FALSE						
1292	New Mexico Wind Energy				FALSE						
1293	Reeves ST1	Public Service Company of New			FALSE						
1294	Reeves ST2	Public Service Company of New			FALSE						
1295	Reeves ST3	Public Service Company of New			FALSE						
1296	San Juan ST1	Public Service Company of New			FALSE						
1297	San Juan ST2	Public Service Company of New			FALSE						
1298	San Juan ST3	Public Service Company of New			FALSE						
1299	San Juan ST4	Public Service Company of New			FALSE						
1300	Chelan 1	PUD No. 1 of Chelan County - W			FALSE						
1301	Chelan 2	PUD No. 1 of Chelan County - W			FALSE						
1302	Rock Island A	PUD No. 1 of Chelan County - W			FALSE						
1303	Rock Island B-01	PUD No. 1 of Chelan County - W			FALSE						
1304	Rock Island B-10	PUD No. 1 of Chelan County - W			FALSE						
1305	Rock Island B-02	PUD No. 1 of Chelan County - W			FALSE						
1306	Rock Island B-03	PUD No. 1 of Chelan County - W			FALSE						
1307	Rock Island B-04	PUD No. 1 of Chelan County - W			FALSE						
1308	Rock Island B-05	PUD No. 1 of Chelan County - W			FALSE						
1309	Rock Island B-06	PUD No. 1 of Chelan County - W			FALSE						
1310	Rock Island B-07	PUD No. 1 of Chelan County - W			FALSE						
1311	Rock Island B-08	PUD No. 1 of Chelan County - W			FALSE						
1312	Rock Island B-09	PUD No. 1 of Chelan County - W			FALSE						
1313	Rock Island U-1	PUD No. 1 of Chelan County - W			FALSE						
1314	Rock Island U-2	PUD No. 1 of Chelan County - W			FALSE						
1315	Rock Island U-3	PUD No. 1 of Chelan County - W			FALSE						
1316	Rock Island U-4	PUD No. 1 of Chelan County - W			FALSE						
1317	Rock Island U-5	PUD No. 1 of Chelan County - W			FALSE						
1318	Rock Island U-6	PUD No. 1 of Chelan County - W			FALSE						
1319	Rock Island U-7	PUD No. 1 of Chelan County - W			FALSE						
1320	Rock Island U-8	PUD No. 1 of Chelan County - W			FALSE						
1321	Rocky Reach 1	PUD No. 1 of Chelan County - W			FALSE						
1322	Rocky Reach 10	PUD No. 1 of Chelan County - W			FALSE						
1323	Rocky Reach 11	PUD No. 1 of Chelan County - W			FALSE						
1324	Rocky Reach 2	PUD No. 1 of Chelan County - W			FALSE						
1325	Rocky Reach 3	PUD No. 1 of Chelan County - W			FALSE						
1326	Rocky Reach 4	PUD No. 1 of Chelan County - W			FALSE						
1327	Rocky Reach 5	PUD No. 1 of Chelan County - W			FALSE						
1328	Rocky Reach 6	PUD No. 1 of Chelan County - W			FALSE						
1329	Rocky Reach 7	PUD No. 1 of Chelan County - W			FALSE						
1330	Rocky Reach 8	PUD No. 1 of Chelan County - W			FALSE						
1331	Rocky Reach 9	PUD No. 1 of Chelan County - W			FALSE						
1332	Wells U-1	PUD No. 1 of Douglas County -			FALSE						
1333	Wells U-10	PUD No. 1 of Douglas County -			FALSE						
1334	Wells U-2	PUD No. 1 of Douglas County -			FALSE						
1335	Wells U-3	PUD No. 1 of Douglas County -			FALSE						
1336	Wells U-4	PUD No. 1 of Douglas County -			FALSE						
1337	Wells U-5	PUD No. 1 of Douglas County -			FALSE						
1338	Wells U-6	PUD No. 1 of Douglas County -			FALSE						
1339	Wells U-7	PUD No. 1 of Douglas County -			FALSE						
1340	Wells U-8	PUD No. 1 of Douglas County -			FALSE						
1341	Wells U-9	PUD No. 1 of Douglas County -			FALSE						
1342	Cowlitz Falls 1	PUD No. 1 of Lewis County - WA			FALSE						
1343	Cowlitz Falls 2	PUD No. 1 of Lewis County - WA			FALSE						
1344	Mill Creek 1	PUD No. 1 of Lewis County - WA			FALSE						
1345	Mill Creek 2	PUD No. 1 of Lewis County - WA			FALSE						
1346	Box Canyon 1	PUD No. 1 of Pend Oreille Coum			FALSE						
1347	Box Canyon 2	PUD No. 1 of Pend Oreille Coum			FALSE						
1348	Box Canyon 3	PUD No. 1 of Pend Oreille Coum			FALSE						
1349	Box Canyon 4	PUD No. 1 of Pend Oreille Coum			FALSE						
1350	Callispel 1	PUD No. 1 of Pend Oreille Coum			FALSE						
1351	Callispel 2	PUD No. 1 of Pend Oreille Coum			FALSE						
1352	Scott Paper Everett	PUD No. 1 of Snohomish County			FALSE						
1353	H M Jackson 1	PUD No. 1 of Snohomish County			FALSE						
1354	H M Jackson 2	PUD No. 1 of Snohomish County			FALSE						
1355	H M Jackson 3	PUD No. 1 of Snohomish County			FALSE						
1356	H M Jackson 4	PUD No. 1 of Snohomish County			FALSE						
1357	Woods Creek 1-2	PUD No. 1 of Snohomish County			FALSE						
1358	PEC Headworks 1	PUD No. 2 of Grant County - WA			FALSE						
1359	Priest Rapids 1	PUD No. 2 of Grant County - WA			FALSE						
1360	Priest Rapids 10	PUD No. 2 of Grant County - WA			FALSE						
1361	Priest Rapids 2	PUD No. 2 of Grant County - WA			FALSE						
1362	Priest Rapids 3	PUD No. 2 of Grant County - WA			FALSE						
1363	Priest Rapids 4	PUD No. 2 of Grant County - WA			FALSE						
1364	Priest Rapids 5	PUD No. 2 of Grant County - WA			FALSE						
1365	Priest Rapids 6	PUD No. 2 of Grant County - WA			FALSE						
1366	Priest Rapids 7	PUD No. 2 of Grant County - WA			FALSE						
1367	Priest Rapids 8	PUD No. 2 of Grant County - WA			FALSE						
1368	Priest Rapids 9	PUD No. 2 of Grant County - WA			FALSE						
1369	Quincy Chute 1	PUD No. 2 of Grant County - WA			FALSE						
1370	Wanapum 1	PUD No. 2 of Grant County - WA			FALSE						
1371	Wanapum 10	PUD No. 2 of Grant County - WA			FALSE						
1372	Wanapum 2	PUD No. 2 of Grant County - WA			FALSE						
1373	Wanapum 3	PUD No. 2 of Grant County - WA			FALSE						
1374	Wanapum 4	PUD No. 2 of Grant County - WA			FALSE						
1375	Wanapum 5	PUD No. 2 of Grant County - WA			FALSE						
1376	Wanapum 6	PUD No. 2 of Grant County - WA			FALSE						
1377	Wanapum 7	PUD No. 2 of Grant County - WA			FALSE						
1378	Wanapum 8	PUD No. 2 of Grant County - WA			FALSE						
1379	Wanapum 9	PUD No. 2 of Grant County - WA			FALSE						
1380	Electron 1	Puget Sound Energy - WA			FALSE						
1381	Electron 2	Puget Sound Energy - WA			FALSE						
1382	Electron 3	Puget Sound Energy - WA			FALSE						
1383	Electron 4	Puget Sound Energy - WA			FALSE						
1384	Encogen CCG	Puget Sound Energy - WA			FALSE						
1385	Koma Kalshan 1	Puget Sound Energy - WA			FALSE						
1386	Lower Baker 1	Puget Sound Energy - WA			FALSE						



Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1288	Aflon GT (pre-CC)									0
1289	Las Vegas GT	Public Service Company of New								0
1290	Lordsburg GT1									0
1291	Lordsburg GT2									0
1292	New Mexico Wind Energy									0
1293	Reeves ST1	Public Service Company of New								0
1294	Reeves ST2	Public Service Company of New								0
1295	Reeves ST3	Public Service Company of New								0
1296	San Juan ST1	Public Service Company of New								0
1297	San Juan ST2	Public Service Company of New								0
1298	San Juan ST3	Public Service Company of New								0
1299	San Juan ST4	Public Service Company of New								0
1300	Chelan 1	PUD No. 1 of Chelan County - W								0
1301	Chelan 2	PUD No. 1 of Chelan County - W								0
1302	Rock Island A	PUD No. 1 of Chelan County - W								0
1303	Rock Island B-01	PUD No. 1 of Chelan County - W								0
1304	Rock Island B-10	PUD No. 1 of Chelan County - W								0
1305	Rock Island B-02	PUD No. 1 of Chelan County - W								0
1306	Rock Island B-03	PUD No. 1 of Chelan County - W								0
1307	Rock Island B-04	PUD No. 1 of Chelan County - W								0
1308	Rock Island B-05	PUD No. 1 of Chelan County - W								0
1309	Rock Island B-06	PUD No. 1 of Chelan County - W								0
1310	Rock Island B-07	PUD No. 1 of Chelan County - W								0
1311	Rock Island B-08	PUD No. 1 of Chelan County - W								0
1312	Rock Island B-09	PUD No. 1 of Chelan County - W								0
1313	Rock Island U-1	PUD No. 1 of Chelan County - W								0
1314	Rock Island U-2	PUD No. 1 of Chelan County - W								0
1315	Rock Island U-3	PUD No. 1 of Chelan County - W								0
1316	Rock Island U-4	PUD No. 1 of Chelan County - W								0
1317	Rock Island U-5	PUD No. 1 of Chelan County - W								0
1318	Rock Island U-6	PUD No. 1 of Chelan County - W								0
1319	Rock Island U-7	PUD No. 1 of Chelan County - W								0
1320	Rock Island U-8	PUD No. 1 of Chelan County - W								0
1321	Rocky Reach 1	PUD No. 1 of Chelan County - W								0
1322	Rocky Reach 10	PUD No. 1 of Chelan County - W								0
1323	Rocky Reach 11	PUD No. 1 of Chelan County - W								0
1324	Rocky Reach 2	PUD No. 1 of Chelan County - W								0
1325	Rocky Reach 3	PUD No. 1 of Chelan County - W								0
1326	Rocky Reach 4	PUD No. 1 of Chelan County - W								0
1327	Rocky Reach 5	PUD No. 1 of Chelan County - W								0
1328	Rocky Reach 6	PUD No. 1 of Chelan County - W								0
1329	Rocky Reach 7	PUD No. 1 of Chelan County - W								0
1330	Rocky Reach 8	PUD No. 1 of Chelan County - W								0
1331	Rocky Reach 9	PUD No. 1 of Chelan County - W								0
1332	Wells U-1	PUD No. 1 of Douglas County -								0
1333	Wells U-10	PUD No. 1 of Douglas County -								0
1334	Wells U-2	PUD No. 1 of Douglas County -								0
1335	Wells U-3	PUD No. 1 of Douglas County -								0
1336	Wells U-4	PUD No. 1 of Douglas County -								0
1337	Wells U-5	PUD No. 1 of Douglas County -								0
1338	Wells U-6	PUD No. 1 of Douglas County -								0
1339	Wells U-7	PUD No. 1 of Douglas County -								0
1340	Wells U-8	PUD No. 1 of Douglas County -								0
1341	Wells U-9	PUD No. 1 of Douglas County -								0
1342	Cowlitz Falls 1	PUD No. 1 of Lewis County - WA								0
1343	Cowlitz Falls 2	PUD No. 1 of Lewis County - WA								0
1344	Mill Creek 1	PUD No. 1 of Lewis County - WA								0
1345	Mill Creek 2	PUD No. 1 of Lewis County - WA								0
1346	Box Canyon 1	PUD No. 1 of Pend Oreille Coun								0
1347	Box Canyon 2	PUD No. 1 of Pend Oreille Coun								0
1348	Box Canyon 3	PUD No. 1 of Pend Oreille Coun								0
1349	Box Canyon 4	PUD No. 1 of Pend Oreille Coun								0
1350	Callispel 1	PUD No. 1 of Pend Oreille Coun								0
1351	Callispel 2	PUD No. 1 of Pend Oreille Coun								0
1352	Scott Paper Everett	PUD No. 1 of Snohomish County								0
1353	H M Jackson 1	PUD No. 1 of Snohomish County								0
1354	H M Jackson 2	PUD No. 1 of Snohomish County								0
1355	H M Jackson 3	PUD No. 1 of Snohomish County								0
1356	H M Jackson 4	PUD No. 1 of Snohomish County								0
1357	Woods Creek 1-2	PUD No. 1 of Snohomish County								0
1358	PEC Headworks 1	PUD No. 2 of Grant County - WA								0
1359	Priest Rapids 1	PUD No. 2 of Grant County - WA								0
1360	Priest Rapids 10	PUD No. 2 of Grant County - WA								0
1361	Priest Rapids 2	PUD No. 2 of Grant County - WA								0
1362	Priest Rapids 3	PUD No. 2 of Grant County - WA								0
1363	Priest Rapids 4	PUD No. 2 of Grant County - WA								0
1364	Priest Rapids 5	PUD No. 2 of Grant County - WA								0
1365	Priest Rapids 6	PUD No. 2 of Grant County - WA								0
1366	Priest Rapids 7	PUD No. 2 of Grant County - WA								0
1367	Priest Rapids 8	PUD No. 2 of Grant County - WA								0
1368	Priest Rapids 9	PUD No. 2 of Grant County - WA								0
1369	Quincy Chute 1	PUD No. 2 of Grant County - WA								0
1370	Wanapum 1	PUD No. 2 of Grant County - WA								0
1371	Wanapum 10	PUD No. 2 of Grant County - WA								0
1372	Wanapum 2	PUD No. 2 of Grant County - WA								0
1373	Wanapum 3	PUD No. 2 of Grant County - WA								0
1374	Wanapum 4	PUD No. 2 of Grant County - WA								0
1375	Wanapum 5	PUD No. 2 of Grant County - WA								0
1376	Wanapum 6	PUD No. 2 of Grant County - WA								0
1377	Wanapum 7	PUD No. 2 of Grant County - WA								0
1378	Wanapum 8	PUD No. 2 of Grant County - WA								0
1379	Wanapum 9	PUD No. 2 of Grant County - WA								0
1380	Electron 1	Puget Sound Energy - WA								0
1381	Electron 2	Puget Sound Energy - WA								0
1382	Electron 3	Puget Sound Energy - WA								0
1383	Electron 4	Puget Sound Energy - WA								0
1384	Encogen CCG	Puget Sound Energy - WA								0
1385	Koma Kulshan 1	Puget Sound Energy - WA								0
1386	Lower Baker 1	Puget Sound Energy - WA								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Nat. Rating	No. Cycling	Start Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
1387	March Point Phase 1 GTCC	Puget Sound Energy - WA	8000	8000	92	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	125	0	0	0	
1388	March Point Phase 2 CCGC	Puget Sound Energy - WA	8000	6000	92	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	125	0	0	0	
1389	Misc Small Hydro 3	Puget Sound Energy - WA	0	2000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1390	Nooksack 1	Puget Sound Energy - WA	0	1750	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1391	Snoqualmie 1	Puget Sound Energy - WA	0	1800	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1392	Snoqualmie 2	Puget Sound Energy - WA	0	1800	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1393	Snoqualmie 3	Puget Sound Energy - WA	0	1800	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1394	Snoqualmie 4	Puget Sound Energy - WA	0	1800	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1395	Snoqualmie 5	Puget Sound Energy - WA	0	5800	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1396	Snoqualmie 6	Puget Sound Energy - WA	0	10000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	31	0	6	-	-	-	-	0	0	0	0	
1397	Snoqualmie 7	Puget Sound Energy - WA	0	21000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1398	Wheelerator Spokane	Puget Sound Energy - WA	8000	21500	6	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1399	Sumas Energy GTCC1A	Puget Sound Energy - WA	8000	91300	92	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	125	0	0	0	
1400	Sumas Energy GTCC1B	Puget Sound Energy - WA	8000	34200	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	33	0	6	-	-	-	-	109	0	0	0	
1401	Tenaska Washington GTCC	Puget Sound Energy - WA	8000	283200	92	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	125	0	0	0	
1402	Twin Falls 1-2	Puget Sound Energy - WA	0	20000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1403	Upper Baker 1	Puget Sound Energy - WA	0	39000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1404	Upper Baker 2	Puget Sound Energy - WA	0	39000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1405	White River 1	Puget Sound Energy - WA	0	12500	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1406	White River 2	Puget Sound Energy - WA	0	12500	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1407	White River 3	Puget Sound Energy - WA	0	16000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-May-01	31-Dec-53	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1408	White River 4	Puget Sound Energy - WA	0	12000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-May-01	31-Dec-53	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1409	Raton ST3	Raton Public Service Company - Raton Public Service Company	10000	1800	77	9	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-May-01	31-Dec-53	FALSE	0	0	6	-	-	-	-	125	0	0	0	
1410	Raton ST4	Raton Public Service Company - Raton Public Service Company	18100	3800	34	9	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	110	0	0	0	
1411	Raton ST5	Raton Public Service Company - Raton Public Service Company	14200	7500	34	9	1.9	XCLST55FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	141	0	0	0	
1412	Redding Power CC	Redding CA, City of	7500	54000	91	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-May-01	31-Dec-53	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1413	Redding Power ST1	Redding CA, City of	11100	28000	100	2	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	90	0	0	0	
1414	Redding Power GT2	Redding CA, City of	12000	18000	100	2	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	37	0	6	-	-	-	-	83	0	0	0	
1415	Redding Power GT3	Redding CA, City of	12000	24000	100	2	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	37	0	6	-	-	-	-	83	0	0	0	
1416	Redding Power GT4	Redding CA, City of	12000	24000	100	2	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	37	0	6	-	-	-	-	83	0	0	0	
1417	Whiskeytown 1	Redding CA, City of	0	3000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Apr-03	31-Dec-53	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1418	Camino 1	Sacramento Municipal Utility D	0	75000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1419	Camino 2	Sacramento Municipal Utility D	0	75000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1420	Campo Fire West 1	Sacramento Municipal Utility D	0	6800	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1421	SPA CCGC	Sacramento Municipal Utility D	6150	160000	117	2	3.337	XNGS155FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	163	0	0	0	
1422	Carson Ice CCGC	Sacramento Municipal Utility D	9800	99000	91	2	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	102	0	0	0	
1423	Hedge PV	Sacramento Municipal Utility D	0	200	3	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	29-Jul-02	31-Dec-53	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1424	Jaybird 1	Sacramento Municipal Utility D	0	72000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1425	Jaybird 2	Sacramento Municipal Utility D	0	72000	2	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1426	Jones Fork 1	Sacramento Municipal Utility D	0	11500	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1427	Loon Lake 1	Sacramento Municipal Utility D	0	82000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1428	McClelan GT treated	Sacramento Municipal Utility D	15955	72000	100	2	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	73	0	0	0	
1429	McClelan CCG	Sacramento Municipal Utility D	6500	129000	117	2	3.327	XNGS155FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	154	0	0	0	
1430	Robbs Peak 1	Sacramento Municipal Utility D	0	25000	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1431	Salt Creek 1	Sacramento Municipal Utility D	0	482	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	02-Mar-02	31-Dec-53	FALSE	0	0	6	-	-	-	-	0	0	0	0	
1432	SMUD HD FC	Sacramento Municipal Utility D	5480	200	91	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80														

Number	Name	Utility	Maximm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1387	March Point Phase 1 GFCG	Puget Sound Energy - WA			FALSE						
1388	March Point Phase 2 CCGG	Puget Sound Energy - WA			FALSE						
1389	Misc Small Hydro 3	Puget Sound Energy - WA			FALSE						
1390	Nooksack 1	Puget Sound Energy - WA			FALSE						
1391	Snoqualmie 1	Puget Sound Energy - WA			FALSE						
1392	Snoqualmie 2	Puget Sound Energy - WA			FALSE						
1393	Snoqualmie 3	Puget Sound Energy - WA			FALSE						
1394	Snoqualmie 4	Puget Sound Energy - WA			FALSE						
1395	Snoqualmie 5	Puget Sound Energy - WA			FALSE						
1396	Snoqualmie 6	Puget Sound Energy - WA			FALSE						
1397	Snoqualmie 7	Puget Sound Energy - WA			FALSE						
1398	Wheelabrator Spokane	Puget Sound Energy - WA			FALSE						
1399	Sumas Energy GTCG1A	Puget Sound Energy - WA			FALSE						
1400	Sumas Energy GTCG1B	Sumas Cogeneration			FALSE						
1401	Tenasuka Washington GTCG	Puget Sound Energy - WA			FALSE						
1402	Twin Falls 1-2	Puget Sound Energy - WA			FALSE						
1403	Upper Baker 1	Puget Sound Energy - WA			FALSE						
1404	Upper Baker 2	Puget Sound Energy - WA			FALSE						
1405	White River 1	Puget Sound Energy - WA			FALSE						
1406	White River 2	Puget Sound Energy - WA			FALSE						
1407	White River 3	Puget Sound Energy - WA			FALSE						
1408	White River 4	Puget Sound Energy - WA			FALSE						
1409	Raton ST3				FALSE						
1410	Raton ST4	Raton Public Service Company -			FALSE						
1411	Raton ST5	Raton Public Service Company -			FALSE						
1412	Redding Power CC		-1	-1	FALSE						
1413	Redding Power ST1	Redding CA, City of			FALSE		G0487	REDDING POWER	REDDING PEAKING		
1414	Redding Power GT2	Redding CA, City of			FALSE		G0487	REDDING POWER	REDDING PEAKING		
1415	Redding Power GT3	Redding CA, City of			FALSE		G0487	REDDING POWER	REDDING PEAKING		
1416	Redding Power GT4	Redding CA, City of			FALSE		G0487	REDDING POWER	REDDING PEAKING		
1417	Whiskeytown 1	Redding CA, City of			FALSE		H0564	WHISKEYTOWN DAM INSKIP			
1418	Camino 1	Sacramento Municipal Utility D			FALSE		H0081	CAMINO			
1419	Camino 2	Sacramento Municipal Utility D			FALSE		H0081	CAMINO			
1420	Camp Far West 1	Sacramento Municipal Utility D			FALSE		H0083	CAMP FAR WEST			
1421	SPA CCGG	Sacramento Municipal Utility D			FALSE		G0076	CAMPBELL SOUP (SPAC)			
1422	Carson Ice CCGG	Sacramento Municipal Utility D			FALSE		G0085-G0086	CARSON COGENERATION COMPANY			
1423	Hedge PV	Sacramento Municipal Utility D			FALSE		S0090	HEDGE PV	KAISER FC		
1424	Jaybird 1	Sacramento Municipal Utility D			FALSE		H0253	JAYBIRD			
1425	Jaybird 2	Sacramento Municipal Utility D			FALSE		H0253	JAYBIRD			
1426	Jones Fork 1	Sacramento Municipal Utility D			FALSE		H0255	JONES FORK			
1427	Loon Lake 1	Sacramento Municipal Utility D			FALSE		H0289	LOON LAKE			
1428	McClellan GT treated	Sacramento Municipal Utility D			FALSE		G0335	MCCLELLAN			
1429	SCA CCGG	Sacramento Municipal Utility D			FALSE		G0466-G0467				
1430	Robbs Peak 1	Sacramento Municipal Utility D			FALSE		H0414	ROBBS PEAK			
1431	Slab Creek 1	Sacramento Municipal Utility D			FALSE		H0482	SLAB CREEK			
1432	SMUD HQ FC	Sacramento Municipal Utility D			FALSE		G0790	SMUD HQ			
1433	Solano Wind Project - Phase 1				FALSE						
1434	Solar 1-2	Sacramento Municipal Utility D			FALSE		S0063	PHOTOVOLTAIC 1	SOLAR SACRAMENTO		
1435	Union Valley 1	Sacramento Municipal Utility D			FALSE		H0532	UNION VALLEY			
1436	White Rock 1	Sacramento Municipal Utility D			FALSE		H0565	WHITE ROCK			
1437	White Rock 2	Sacramento Municipal Utility D			FALSE		H0565	WHITE ROCK			
1438	Gunlock Hydro 1	Saint George UT, City of			FALSE						
1439	Gunlock Hydro 2	Saint George UT, City of			FALSE						
1440	Pine Valley 1	Saint George UT, City of			FALSE						
1441	St George IC1	Saint George UT, City of			FALSE						
1442	St George IC2	Saint George UT, City of			FALSE						
1443	Agua Fria ST1	Salt River Project - AZ			FALSE						
1444	Agua Fria ST2	Salt River Project - AZ			FALSE						
1445	Agua Fria ST3	Salt River Project - AZ			FALSE						
1446	Agua Fria GT4	Salt River Project - AZ			FALSE						
1447	Agua Fria GT5	Salt River Project - AZ			FALSE						
1448	Agua Fria GT6	Salt River Project - AZ			FALSE						
1449	Coronado ST1	Salt River Project - AZ			FALSE						
1450	Coronado ST2	Salt River Project - AZ			FALSE						
1451	Crosscut ST1				FALSE						
1452	Crosscut ST2				FALSE						
1453	Crosscut ST3				FALSE						
1454	Crosscut ST4				FALSE						
1455	Crosscut CC5	Salt River Project - AZ			FALSE						
1456	Horse Mesa 1	Salt River Project - AZ			FALSE						
1457	Horse Mesa 2	Salt River Project - AZ			FALSE						
1458	Horse Mesa 3	Salt River Project - AZ			FALSE						
1459	Horse Mesa HM4	Salt River Project - AZ	2352	0.5	FALSE						
1460	Kyrene ST1	Salt River Project - AZ			FALSE						
1461	Kyrene ST2	Salt River Project - AZ			FALSE						
1462	Kyrene GT4	Salt River Project - AZ			FALSE						
1463	Kyrene GT5	Salt River Project - AZ			FALSE						
1464	Kyrene GT6	Salt River Project - AZ			FALSE						
1465	Mormon Flat 1	Salt River Project - AZ			FALSE						
1466	Mormon Flat MF2	Salt River Project - AZ	1128	0.5	FALSE						
1467	Navajo ST1	Salt River Project - AZ			FALSE						
1468	Navajo ST2	Salt River Project - AZ			FALSE						
1469	Navajo ST3	Salt River Project - AZ			FALSE						
1470	Roosevelt 1	Salt River Project - AZ			FALSE						
1471	Santan C1	Salt River Project - AZ			FALSE						
1472	Santan CC2	Salt River Project - AZ			FALSE						
1473	Santan CC3	Salt River Project - AZ			FALSE						
1474	Santan CCA	Salt River Project - AZ			FALSE						
1475	South Consolidated 1	Salt River Project - AZ			FALSE						
1476	Stewart Mtn 1	Salt River Project - AZ			FALSE						
1477	Division GT	San Diego Gas & Electric Compa			FALSE		G0175	DIVISION			
1478	El Cajon GT	San Diego Gas & Electric Compa			FALSE		G0189	EL CAJON			
1479	Encina ST1	San Diego Gas & Electric Compa			FALSE		G0196	ENCINA	ENCINA		
1480	Encina ST2	San Diego Gas & Electric Compa			FALSE		G0196	ENCINA	ENCINA		
1481	Encina ST3	San Diego Gas & Electric Compa			FALSE		G0196	ENCINA	ENCINA		
1482	Encina ST4	San Diego Gas & Electric Compa			FALSE		G0196	ENCINA	ENCINA		
1483	Encina ST5	San Diego Gas & Electric Compa			FALSE		G0196	ENCINA	ENCINA		
1484	Encina GT	San Diego Gas & Electric Compa			FALSE		G0196	ENCINA	ENCINA		
1485	Hydro 7	San Diego Gas & Electric Compa			FALSE		delete				

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1387	March Point Phase 1 GTCC	Puget Sound Energy - WA								0
1388	March Point Phase 2 CCGC	Puget Sound Energy - WA								0
1389	Misc Small Hydro 3	Puget Sound Energy - WA								0
1390	Nooksack 1	Puget Sound Energy - WA								0
1391	Snoqualmie 1	Puget Sound Energy - WA								0
1392	Snoqualmie 2	Puget Sound Energy - WA								0
1393	Snoqualmie 3	Puget Sound Energy - WA								0
1394	Snoqualmie 4	Puget Sound Energy - WA								0
1395	Snoqualmie 5	Puget Sound Energy - WA								0
1396	Snoqualmie 6	Puget Sound Energy - WA								0
1397	Snoqualmie 7	Puget Sound Energy - WA								0
1398	Wheelabrator Spokane	Puget Sound Energy - WA								0
1399	Sumas Energy GTCC1A	Puget Sound Energy - WA								0
1400	Sumas Energy GTCC1B	Sumas Cogeneration								0
1401	Tenasca Washington GTCC	Puget Sound Energy - WA								0
1402	Twin Falls 1-2	Puget Sound Energy - WA								0
1403	Upper Baker 1	Puget Sound Energy - WA								0
1404	Upper Baker 2	Puget Sound Energy - WA								0
1405	White River 1	Puget Sound Energy - WA								0
1406	White River 2	Puget Sound Energy - WA								0
1407	White River 3	Puget Sound Energy - WA								0
1408	White River 4	Puget Sound Energy - WA								0
1409	Raton ST3									0
1410	Raton ST4	Raton Public Service Company -								0
1411	Raton ST5	Raton Public Service Company -								0
1412	Redding Power CC									0
1413	Redding Power ST1	Redding CA, City of	SHASTA		17120 CLEAR CREEK ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE & COMBUSTION TURBINES	NO	0
1414	Redding Power GT2	Redding CA, City of	SHASTA		17120 CLEAR CREEK ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE & COMBUSTION TURBINES	NO	0
1415	Redding Power GT3	Redding CA, City of	SHASTA		17120 CLEAR CREEK ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE & COMBUSTION TURBINES	NO	0
1416	Redding Power GT4	Redding CA, City of	SHASTA		17120 CLEAR CREEK ROAD	NATURAL GAS	OIL GAS	STEAM TURBINE & COMBUSTION TURBINES	NO	0
1417	Whiskeytown 1	Redding CA, City of	SHASTA			HYDRO	HYDRO	STEAM TURBINE & COMBUSTION TURBINES	NO	0
1418	Camino 1	Sacramento Municipal Utility D	EL DORADO		7.5 MILES NORTH OF POLLOCK PINES	HYDRO	HYDRO	HYDRO WATER	NO	0
1419	Camino 2	Sacramento Municipal Utility D	EL DORADO		7.5 MILES NORTH OF POLLOCK PINES	HYDRO	HYDRO	HYDRO WATER	NO	0
1420	Camp Far West 1	Sacramento Municipal Utility D	FLACER		7 MILES NORTH OF WHEATLAND	HYDRO	HYDRO	HYDRO WATER	NO	0
1421	SFA CCCC	Sacramento Municipal Utility D	SACRAMENTO		6200 FRANKLIN BLVD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE WITH WASTE HEAT	YES	0
1422	Carson Ice CCCC	Sacramento Municipal Utility D	SACRAMENTO							0
1423	Hedge PV	Sacramento Municipal Utility D	SACRAMENTO			PHOTOVOLTAIC	SOLAR	PHOTOVOLTAIC SUN	NO	0
1424	Jaybird 1	Sacramento Municipal Utility D	EL DORADO			HYDRO	HYDRO	HYDRO WATER	NO	0
1425	Jaybird 2	Sacramento Municipal Utility D	EL DORADO			HYDRO	HYDRO	HYDRO WATER	NO	0
1426	Jones Fork 1	Sacramento Municipal Utility D	EL DORADO			HYDRO	HYDRO	HYDRO WATER	NO	0
1427	Loon Lake 1	Sacramento Municipal Utility D	EL DORADO			HYDRO	HYDRO	HYDRO WATER	NO	0
1428	McClellan GT treated	Sacramento Municipal Utility D	SACRAMENTO		MCCLELLAN AFB	NATURAL GAS	OIL GAS	COMBUSTION TURBINE, NATURAL GAS	NO	0
1429	SCA CCG	Sacramento Municipal Utility D	SACRAMENTO							0
1430	Robbs Peak 1	Sacramento Municipal Utility D	EL DORADO			HYDRO	HYDRO	HYDRO WATER	NO	0
1431	Slab Creek 1	Sacramento Municipal Utility D	EL DORADO		4 MILES NORTH OF CAMINO	HYDRO	HYDRO	HYDRO WATER	NO	0
1432	SMUD HQ FC	Sacramento Municipal Utility D	SACRAMENTO			NATURAL GAS	OIL GAS	FUEL CELL	NO	0
1433	Solano Wind Project - Phase 1									0
1434	Solar 1-2	Sacramento Municipal Utility D	SACRAMENTO			PHOTOVOLTAIC	SOLAR	PHOTOVOLTAIC SUN	NO	0
1435	Union Valley 1	Sacramento Municipal Utility D	EL DORADO			HYDRO	HYDRO	HYDRO WATER	NO	0
1436	White Rock 1	Sacramento Municipal Utility D	EL DORADO			HYDRO	HYDRO	HYDRO WATER	NO	0
1437	White Rock 2	Sacramento Municipal Utility D	EL DORADO			HYDRO	HYDRO	HYDRO WATER	NO	0
1438	Gunlock Hydro 1	Saint George UT, City of				HYDRO	HYDRO	HYDRO WATER	NO	0
1439	Gunlock Hydro 2	Saint George UT, City of								0
1440	Pine Valley 1	Saint George UT, City of								0
1441	St George IC1	Saint George UT, City of								0
1442	St George IC2	Saint George UT, City of								0
1443	Agua Fria ST1	Salt River Project - AZ								0
1444	Agua Fria ST2	Salt River Project - AZ								0
1445	Agua Fria ST3	Salt River Project - AZ								0
1446	Agua Fria GT4	Salt River Project - AZ								0
1447	Agua Fria GT5	Salt River Project - AZ								0
1448	Agua Fria GT6	Salt River Project - AZ								0
1449	Coronado ST1	Salt River Project - AZ								0
1450	Coronado ST2	Salt River Project - AZ								0
1451	Crosscut ST1									0
1452	Crosscut ST2									0
1453	Crosscut ST3									0
1454	Crosscut ST4									0
1455	Crosscut CC5	Salt River Project - AZ								0
1456	Horse Mesa 1	Salt River Project - AZ								0
1457	Horse Mesa 2	Salt River Project - AZ								0
1458	Horse Mesa 3	Salt River Project - AZ								0
1459	Horse Mesa HM4	Salt River Project - AZ								0
1460	Kyrene ST1	Salt River Project - AZ								0
1461	Kyrene ST2	Salt River Project - AZ								0
1462	Kyrene GT4	Salt River Project - AZ								0
1463	Kyrene GT5	Salt River Project - AZ								0
1464	Kyrene GT6	Salt River Project - AZ								0
1465	Mormon Flat 1	Salt River Project - AZ								0
1466	Mormon Flat MF2	Salt River Project - AZ								0
1467	Navajo ST1	Salt River Project - AZ								0
1468	Navajo ST2	Salt River Project - AZ								0
1469	Navajo ST3	Salt River Project - AZ								0
1470	Roosevelt 1	Salt River Project - AZ								0
1471	Santan C1	Salt River Project - AZ								0
1472	Santan CC2	Salt River Project - AZ								0
1473	Santan CC3	Salt River Project - AZ								0
1474	Santan CCA	Salt River Project - AZ								0
1475	South Consolidated 1	Salt River Project - AZ								0
1476	Stewart Mtn 1	Salt River Project - AZ								0
1477	Division GT	San Diego Gas & Electric Compa	SAN DIEGO		HARBOR DR & VESTA	DISTILLATE OIL	OIL GAS	COMBUSTION TURBINE	NO	0
1478	El Cajon GT	San Diego Gas & Electric Compa	SAN DIEGO		800 WEST MAIN STREET	DISTILLATE OIL	OIL GAS	COMBUSTION TURBINE	NO	0
1479	Encina ST1	San Diego Gas & Electric Compa	SAN DIEGO		4600 CARSBAD BLVD	NATURAL GAS	OIL GAS	STEAM TURBINES & GAS TURBINE	NO	0
1480	Encina ST2	San Diego Gas & Electric Compa	SAN DIEGO		4600 CARSBAD BLVD	NATURAL GAS	OIL GAS	STEAM TURBINES & GAS TURBINE	NO	0
1481	Encina ST3	San Diego Gas & Electric Compa	SAN DIEGO		4600 CARSBAD BLVD	NATURAL GAS	OIL GAS	STEAM TURBINES & GAS TURBINE	NO	0
1482	Encina ST4	San Diego Gas & Electric Compa	SAN DIEGO		4600 CARSBAD BLVD	NATURAL GAS	OIL GAS	STEAM TURBINES & GAS TURBINE	NO	0
1483	Encina ST5	San Diego Gas & Electric Compa	SAN DIEGO		4600 CARSBAD BLVD	NATURAL GAS	OIL GAS	STEAM TURBINES & GAS TURBINE	NO	0
1484	Encina GT	San Diego Gas & Electric Compa	SAN DIEGO		4600 CARSBAD BLVD	NATURAL GAS	OIL GAS	STEAM TURBINES & GAS TURBINE	NO	0
1485	Hydro 7	San Diego Gas & Electric Compa								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	No Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
1487	Keamy GT1	San Diego Gas & Electric Compa	15500	17000	111	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	01-Sep-01	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	-1	61	0	0	0
1488	Keamy GT2	San Diego Gas & Electric Compa	16400	63000	120	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	01-Dec-01	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	-1	61	0	0	0
1489	Keamy GT3	San Diego Gas & Electric Compa	16200	66000	120	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	-1	62	0	0	0
1489	Naval Station EF CCCC	San Diego Gas & Electric Compa	13700	48300	111	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	-1	73	0	0	0
1490	Naval Station DF GT1	San Diego Gas & Electric Compa	15500	15000	111	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	-1	65	0	0	0
1491	North Island GT1	San Diego Gas & Electric Compa	15100	21000	111	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	66	0	0	0
1492	North Island GT2	San Diego Gas & Electric Compa	15100	24100	111	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	66	0	0	0
1493	South Bay ST1	San Diego Gas & Electric Compa	9500	147000	111	3	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	105	0	0	0
1494	South Bay ST2	San Diego Gas & Electric Compa	9800	150000	111	3	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	102	0	0	0
1495	South Bay ST3	San Diego Gas & Electric Compa	9900	176000	97	3	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	101	0	0	0
1496	South Bay ST4	San Diego Gas & Electric Compa	11400	226000	111	3	2.3	XNGS75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	88	0	0	0
1497	South Bay ST5	San Diego Gas & Electric Compa	13400	18000	111	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	75	0	0	0
1498	Yuma GTCC1	San Diego Gas & Electric Compa	8000	36000	97	10	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	125	0	0	0
1499	Yuma GTCC2	San Diego Gas & Electric Compa	8000	17000	74	10	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	28-Sep-02	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	-1	108	0	0	0
1500	Dion R Holm 1	San Francisco CA, City & Count	0	82500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1501	Dion R Holm 2	San Francisco CA, City & Count	0	82500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1502	Mocasin 1	San Francisco CA, City & Count	0	57500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	15-Aug-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1503	Mocasin 2	San Francisco CA, City & Count	0	57500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	28-Sep-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1504	Mocasin LH 1	San Francisco CA, City & Count	0	2510	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	03-Jun-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1505	R C Kirkwood 1	San Francisco CA, City & Count	0	43125	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	0	0	0	0
1506	R C Kirkwood 2	San Francisco CA, City & Count	0	43125	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1507	R C Kirkwood 3	San Francisco CA, City & Count	0	46000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1508	Black Butte 1	Santa Clara CA, City of	0	6000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	16-May-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1509	Gianera GT1	Santa Clara CA, City of	12680	25000	100	2	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	79	0	0	0
1510	Gianera GT2	Santa Clara CA, City of	12680	25000	100	2	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	79	0	0	0
1511	Grizz 1	Santa Clara CA, City of	0	20000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1512	High Line 1	Santa Clara CA, City of	0	530	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	0	0	0	0
1513	Santa Clara GTCC1	Santa Clara CA, City of	7200	2600	91	2	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	139	0	0	0
1514	Santa Clara GTCC2	Santa Clara CA, City of	7200	2600	91	2	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	139	0	0	0
1515	Stony Gorge 1	Santa Clara CA, City of	0	2500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	0	0	0	0
1516	Stony Gorge 2	Santa Clara CA, City of	0	2500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	28-Feb-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1517	Boundary 1	Seattle Department of Lighting	0	137750	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1518	Boundary 2	Seattle Department of Lighting	0	137750	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1519	Boundary 3	Seattle Department of Lighting	0	137750	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1520	Boundary 4	Seattle Department of Lighting	0	137750	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1521	Boundary 5	Seattle Department of Lighting	0	250000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	-1	0	0	0	0
1522	Boundary 6	Seattle Department of Lighting	0	250000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	-1	0	0	0	0
1523	Cedar Falls 1	Seattle Department of Lighting	0	15000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1524	Cedar Falls 2	Seattle Department of Lighting	0	15000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1525	Diablo 1	Seattle Department of Lighting	0	78000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1526	Diablo 2	Seattle Department of Lighting	0	78000	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
1527	Diablo 3	Seattle Department of Lighting	0	1500	1	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	

Number	Name	Utility	Maximm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1486	Kearny GT1	San Diego Gas & Electric Compa			FALSE		G0289	KEARNEY	KEARNEY POWER		
1487	Kearny GT2	San Diego Gas & Electric Compa			FALSE		G0289	KEARNEY	KEARNEY POWER		
1488	Kearny GT3	San Diego Gas & Electric Compa			FALSE		G0289	KEARNEY	KEARNEY POWER		
1489	Naval Station EF CCGG	San Diego Gas & Electric Compa			FALSE		G0389	NAVAL STATION	NAVAL STATION		
1490	Naval Training Ctr GT	San Diego Gas & Electric Compa			FALSE		G0626-G0590		NAVAL STATION		
1491	North Island GT1	San Diego Gas & Electric Compa			FALSE		G0398	NORTH ISLAND	NORTH ISLAND		
1492	North Island GT2	San Diego Gas & Electric Compa			FALSE		G0398	NORTH ISLAND	NORTH ISLAND		
1493	South Bay ST1	San Diego Gas & Electric Compa			FALSE		G0571	SOUTH BAY	SOUTH BAY GT		
1494	South Bay ST2	San Diego Gas & Electric Compa			FALSE		G0571	SOUTH BAY	SOUTH BAY GT		
1495	South Bay ST3	San Diego Gas & Electric Compa			FALSE		G0571	SOUTH BAY	SOUTH BAY GT		
1496	South Bay ST4	San Diego Gas & Electric Compa			FALSE		G0571	SOUTH BAY	SOUTH BAY GT		
1497	South Bay GT	San Diego Gas & Electric Compa			FALSE		G0571	SOUTH BAY	SOUTH BAY GT		
1498	Yuma GTCG1	San Diego Gas & Electric Compa			FALSE						
1499	Yuma GTCG2	Yuma Cogen Assoc			FALSE						
1500	Dion R Holm 1	San Francisco CA, City & Count			FALSE		H0141	DION R. HOLM			
1501	Dion R Holm 2	San Francisco CA, City & Count			FALSE		H0141	DION R. HOLM			
1502	Moccasin 1	San Francisco CA, City & Count			FALSE		H0601	MOCCASIN			
1503	Moccasin 2	San Francisco CA, City & Count			FALSE		H0601	MOCCASIN			
1504	Moccasin LH 1	San Francisco CA, City & Count			FALSE		H0336	MOCCASIN LOWHEAD			
1505	R C Kirkwood 1	San Francisco CA, City & Count			FALSE		H0274	R C KIRKWOOD	KIRKWOOD		
1506	R C Kirkwood 2	San Francisco CA, City & Count			FALSE		H0274	R C KIRKWOOD	KIRKWOOD		
1507	R C Kirkwood 3	San Francisco CA, City & Count			FALSE		H0274	R C KIRKWOOD	KIRKWOOD		
1508	Black Butte 1	Santa Clara CA, City of			FALSE		H0046	BLACK BUTTE			
1509	Gianera GT1	Santa Clara CA, City of			FALSE		G0228	GANERA			
1510	Gianera GT2	Santa Clara CA, City of			FALSE		G0228	GANERA			
1511	Grizzly 1	Santa Clara CA, City of			FALSE		H0213	GRIZZLY	BUCKS CREEK		
1512	High Line 1	Santa Clara CA, City of			FALSE		H0235	HIGH LINE	HIGHLINE CANAL		
1513	Santa Clara GTCG1	Santa Clara CA, City of			FALSE		G0144	JEFFERSON SMURFIT / SANTA CLARA COGENERATION			
1514	Santa Clara GTCG2	Santa Clara CA, City of			FALSE		G0144	JEFFERSON SMURFIT / SANTA CLARA COGENERATION			
1515	Stony Gorge 1	Santa Clara CA, City of			FALSE		H0500	STONY GORGE			
1516	Stony Gorge 2	Santa Clara CA, City of			FALSE		H0500	STONY GORGE			
1517	Boundary 1	Seattle Department of Lighting			FALSE						
1518	Boundary 2	Seattle Department of Lighting			FALSE						
1519	Boundary 3	Seattle Department of Lighting			FALSE						
1520	Boundary 4	Seattle Department of Lighting			FALSE						
1521	Boundary 5	Seattle Department of Lighting			FALSE						
1522	Boundary 6	Seattle Department of Lighting			FALSE						
1523	Cedar Falls 1	Seattle Department of Lighting			FALSE						
1524	Cedar Falls 2	Seattle Department of Lighting			FALSE						
1525	Diablo 1	Seattle Department of Lighting			FALSE						
1526	Diablo 2	Seattle Department of Lighting			FALSE						
1527	Diablo 3	Seattle Department of Lighting			FALSE						
1528	Diablo 4	Seattle Department of Lighting			FALSE						
1529	Gorge 1	Seattle Department of Lighting			FALSE						
1530	Gorge 2	Seattle Department of Lighting			FALSE						
1531	Gorge 3	Seattle Department of Lighting			FALSE						
1532	Gorge 4	Seattle Department of Lighting			FALSE						
1533	Lucky Peak 1-3	Seattle Department of Lighting			FALSE						
1534	Metro West Point 1-3	Seattle Department of Lighting			FALSE						
1535	Newahlem 1	Seattle Department of Lighting			FALSE						
1536	Ross 1	Seattle Department of Lighting			FALSE						
1537	Ross 2	Seattle Department of Lighting			FALSE						
1538	Ross 3	Seattle Department of Lighting			FALSE						
1539	Ross 4	Seattle Department of Lighting			FALSE						
1540	South Fork Toll 1	Seattle Department of Lighting			FALSE						
1541	2661 Drop 1	Sierra Pacific Power Company -			FALSE						
1542	2661 Drop 2	Sierra Pacific Power Company -			FALSE						
1543	Empire	Sierra Pacific Power Company -			FALSE						
1544	Battle Mtn IC1	Sierra Pacific Power Company -			FALSE						
1545	Battle Mtn IC2	Sierra Pacific Power Company -			FALSE						
1546	Battle Mtn IC3	Sierra Pacific Power Company -			FALSE						
1547	Battle Mtn IC4	Sierra Pacific Power Company -			FALSE						
1548	Brady's Power	Sierra Pacific Power Company -			FALSE						
1549	Brunswick IC1	Sierra Pacific Power Company -			FALSE						
1550	Brunswick IC2	Sierra Pacific Power Company -			FALSE						
1551	Brunswick IC3	Sierra Pacific Power Company -			FALSE						
1552	Desert Peak	Sierra Pacific Power Company -			FALSE						
1553	F Hooper 1	Sierra Pacific Power Company -			FALSE						
1554	Fallon IC	Sierra Pacific Power Company -			FALSE						
1555	Steamboat 1	Sierra Pacific Power Company -			FALSE						
1556	Steamboat 1A	Sierra Pacific Power Company -			FALSE						
1557	Steamboat II	Sierra Pacific Power Company -			FALSE						
1558	Steamboat III	Sierra Pacific Power Company -			FALSE						
1559	Farad 1	Sierra Pacific Power Company -			FALSE		H0178	FARAD			
1560	Farad 2	Sierra Pacific Power Company -			FALSE		H0178	FARAD			
1561	Fleets 1	Sierra Pacific Power Company -			FALSE						
1562	Fort Churchill ST1	Sierra Pacific Power Company -			FALSE						
1563	Fort Churchill ST2	Sierra Pacific Power Company -			FALSE						
1564	Gabbs IC1	Sierra Pacific Power Company -			FALSE						
1565	Gabbs IC2	Sierra Pacific Power Company -			FALSE						
1566	Kings Beach IC1	Sierra Pacific Power Company -			FALSE		G0294	KINGS BEACH			
1567	Kings Beach IC2	Sierra Pacific Power Company -			FALSE		G0294	KINGS BEACH			
1568	Kings Beach IC3	Sierra Pacific Power Company -			FALSE		G0294	KINGS BEACH			
1569	Kings Beach IC4	Sierra Pacific Power Company -			FALSE		G0294	KINGS BEACH			
1570	Kings Beach IC5	Sierra Pacific Power Company -			FALSE		G0294	KINGS BEACH			
1571	Kings Beach IC6	Sierra Pacific Power Company -			FALSE		G0294	KINGS BEACH			
1572	Labontan 1	Sierra Pacific Power Company -			FALSE						
1573	Labontan 2	Sierra Pacific Power Company -			FALSE						
1574	Labontan 3	Sierra Pacific Power Company -			FALSE						
1575	Soda Lake I & II	Sierra Pacific Power Company -			FALSE						
1576	Ptoto Pine	Sierra Pacific Power Company -			FALSE						
1577	Portola IC1	Sierra Pacific Power Company -			FALSE		G0461	PORTOLA			
1578	Portola IC2	Sierra Pacific Power Company -			FALSE		G0461	PORTOLA			
1579	Portola IC3	Sierra Pacific Power Company -			FALSE		G0461	PORTOLA			
1580	SPI Loyalton	Sierra Pacific Power Company -			FALSE		E0084	SIERRA PACIFIC INDUSTRIES (LOYALTON)			
1581	Stillwater 1	Sierra Pacific Power Company -			FALSE						
1582	TADS 1	Sierra Pacific Power Company -			FALSE						
1583	TADS 2	Sierra Pacific Power Company -			FALSE						
1584	TCID 1	Sierra Pacific Power Company -			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1486	Keamy GT1	San Diego Gas & Electric Compa	SAN DIEGO		5488 OVERLAND AVE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1487	Keamy GT2	San Diego Gas & Electric Compa	SAN DIEGO		5488 OVERLAND AVE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1488	Keamy GT3	San Diego Gas & Electric Compa	SAN DIEGO		5488 OVERLAND AVE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1489	Naval Station EF CCGG	San Diego Gas & Electric Compa	SAN DIEGO		VESTA STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE WITH WASTE HEAT	YES	0
1490	San Diego Training Ctr GT	San Diego Gas & Electric Compa	SAN DIEGO							0
1491	North Island GT1	San Diego Gas & Electric Compa	SAN DIEGO		END OF HWY 282, WEST OF ORANGE AVE, ROGERS ROAD AT QUAY STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE WITH WASTE HEAT	NO	0
1492	North Island GT2	San Diego Gas & Electric Compa	SAN DIEGO		END OF HWY 282, WEST OF ORANGE AVE, ROGERS ROAD AT QUAY STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE WITH WASTE HEAT	NO	0
1493	South Bay ST1	San Diego Gas & Electric Compa	SAN DIEGO		990 BAY BLVD.	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
1494	South Bay ST2	San Diego Gas & Electric Compa	SAN DIEGO		990 BAY BLVD.	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
1495	South Bay ST3	San Diego Gas & Electric Compa	SAN DIEGO		990 BAY BLVD.	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
1496	South Bay ST4	San Diego Gas & Electric Compa	SAN DIEGO		990 BAY BLVD.	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
1497	South Bay GT	San Diego Gas & Electric Compa	SAN DIEGO		990 BAY BLVD.	NATURAL GAS	OIL GAS	STEAM TURBINE, NATURAL GAS	NO	0
1498	Yuma GTCG1	San Diego Gas & Electric Compa								0
1499	Yuma GTCG2									0
1500	Dion R Holm 1	San Francisco CA, City & Count	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1501	Dion R Holm 2	San Francisco CA, City & Count	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1502	Moccasin 1	San Francisco CA, City & Count	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1503	Moccasin 2	San Francisco CA, City & Count	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1504	Moccasin LH 1	San Francisco CA, City & Count	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1505	R C Kirkwood 1	San Francisco CA, City & Count	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1506	R C Kirkwood 2	San Francisco CA, City & Count	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1507	R C Kirkwood 3	San Francisco CA, City & Count	TUOLUMNE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1508	Black Butte 1	Santa Clara CA, City of	TEHAMA			HYDRO	HYDRO	HYDRO, WATER	NO	0
1509	Gianera GT1	Santa Clara CA, City of	SANTA CLARA		2339 GIANERA STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1510	Gianera GT2	Santa Clara CA, City of	SANTA CLARA		2339 GIANERA STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1511	Grizzle 1	Santa Clara CA, City of	PLUMAS			HYDRO	HYDRO	HYDRO, WATER	NO	0
1512	High Line 1	Santa Clara CA, City of	GLENN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1513	Santa Clara GTCG1	Santa Clara CA, City of	SANTA CLARA		2600 DE LA CRUZ BLVD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	YES	0
1514	Santa Clara GTCG2	Santa Clara CA, City of	SANTA CLARA		2600 DE LA CRUZ BLVD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	YES	0
1515	Stony Gorge 1	Santa Clara CA, City of	GLENN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1516	Stony Gorge 2	Santa Clara CA, City of	GLENN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1517	Boundary 1	Seattle Department of Lighting								0
1518	Boundary 2	Seattle Department of Lighting								0
1519	Boundary 3	Seattle Department of Lighting								0
1520	Boundary 4	Seattle Department of Lighting								0
1521	Boundary 5	Seattle Department of Lighting								0
1522	Boundary 6	Seattle Department of Lighting								0
1523	Cedar Falls 1	Seattle Department of Lighting								0
1524	Cedar Falls 2	Seattle Department of Lighting								0
1525	Diablo 1	Seattle Department of Lighting								0
1526	Diablo 2	Seattle Department of Lighting								0
1527	Diablo 3	Seattle Department of Lighting								0
1528	Diablo 4	Seattle Department of Lighting								0
1529	Gorge 1	Seattle Department of Lighting								0
1530	Gorge 2	Seattle Department of Lighting								0
1531	Gorge 3	Seattle Department of Lighting								0
1532	Gorge 4	Seattle Department of Lighting								0
1533	Lucky Peak 1-3	Seattle Department of Lighting								0
1534	Metro West Point 1-3	Seattle Department of Lighting								0
1535	Newahlem 1	Seattle Department of Lighting								0
1536	Ross 1	Seattle Department of Lighting								0
1537	Ross 2	Seattle Department of Lighting								0
1538	Ross 3	Seattle Department of Lighting								0
1539	Ross 4	Seattle Department of Lighting								0
1540	South Fork Toll 1	Seattle Department of Lighting								0
1541	2661 Drop 1	Sierra Pacific Power Company								0
1542	2661 Drop 2	Sierra Pacific Power Company								0
1543	Empire	Sierra Pacific Power Company								0
1544	Battle Mtn IC1	Sierra Pacific Power Company								0
1545	Battle Mtn IC2	Sierra Pacific Power Company								0
1546	Battle Mtn IC3	Sierra Pacific Power Company								0
1547	Battle Mtn IC4	Sierra Pacific Power Company								0
1548	Brady's Power	Sierra Pacific Power Company								0
1549	Brunswick IC1	Sierra Pacific Power Company								0
1550	Brunswick IC2	Sierra Pacific Power Company								0
1551	Brunswick IC3	Sierra Pacific Power Company								0
1552	Desert Peak	Sierra Pacific Power Company								0
1553	F Hooper 1	Sierra Pacific Power Company								0
1554	Fallon IC	Sierra Pacific Power Company								0
1555	Steamboat 1	Sierra Pacific Power Company								0
1556	Steamboat 1A	Sierra Pacific Power Company								0
1557	Steamboat II	Sierra Pacific Power Company								0
1558	Steamboat III	Sierra Pacific Power Company								0
1559	Farad 1	Sierra Pacific Power Company	NEVADA		OFF I-80 ON TRUCKEE RIVER, 18 MI SW OF RENO	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
1560	Farad 2	Sierra Pacific Power Company	NEVADA		OFF I-80 ON TRUCKEE RIVER, 18 MI SW OF RENO	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
1561	Heids 1	Sierra Pacific Power Company								0
1562	Fort Churchill ST1	Sierra Pacific Power Company								0
1563	Fort Churchill ST2	Sierra Pacific Power Company								0
1564	Gibbs IC1	Sierra Pacific Power Company								0
1565	Gibbs IC2	Sierra Pacific Power Company								0
1566	Kings Beach IC1	Sierra Pacific Power Company	PLACER		OFF STATE RT 431, 36 MI SW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1567	Kings Beach IC2	Sierra Pacific Power Company	PLACER		OFF STATE RT 431, 36 MI SW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1568	Kings Beach IC3	Sierra Pacific Power Company	PLACER		OFF STATE RT 431, 36 MI SW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1569	Kings Beach IC4	Sierra Pacific Power Company	PLACER		OFF STATE RT 431, 36 MI SW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1570	Kings Beach IC5	Sierra Pacific Power Company	PLACER		OFF STATE RT 431, 36 MI SW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1571	Kings Beach IC6	Sierra Pacific Power Company	PLACER		OFF STATE RT 431, 36 MI SW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1572	Labontan 1	Sierra Pacific Power Company								0
1573	Labontan 2	Sierra Pacific Power Company								0
1574	Labontan 3	Sierra Pacific Power Company								0
1575	Soda Lake I & II	Sierra Pacific Power Company								0
1576	Pinson Pine	Sierra Pacific Power Company								0
1577	Portola IC1	Sierra Pacific Power Company	PLUMAS		OFF STATE RT 70, 68 MI NW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1578	Portola IC2	Sierra Pacific Power Company	PLUMAS		OFF STATE RT 70, 68 MI NW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1579	Portola IC3	Sierra Pacific Power Company	PLUMAS		OFF STATE RT 70, 68 MI NW OF RENO	DIESEL	OIL GAS	INTERNAL COMBUSTION	NO	0
1580	SPI Loylton	Sierra Pacific Power Company	SIERRA		END OF RAILROAD AVENUE	WOODWASTE	BIOMASS	FIXED GRATE	YES	0
1581	Stillwater 1	Sierra Pacific Power Company								0
1582	TADS 1	Sierra Pacific Power Company								0
1583	TADS 2	Sierra Pacific Power Company								0
1584	TCID 1	Sierra Pacific Power Company								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	No Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
1585	Tracy ST3	Sierra Pacific Power Company	10423	10800	83	12	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	96	0	0	0
1586	Clark Mtn GT4	Sierra Pacific Power Company	11971	8300	83	12	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	84	0	0	0
1587	Clark Mtn GT1	Sierra Pacific Power Company	15300	11000	42	12	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	65	0	0	0
1588	Clark Mtn GT2	Sierra Pacific Power Company	15900	11000	42	12	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	67	0	0	0
1589	Clark Mtn GT3	Sierra Pacific Power Company	11819	8400	83	12	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	85	0	0	0
1590	Tracy ST1	Sierra Pacific Power Company	12220	5300	83	12	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	82	0	0	0
1591	Tracy ST2	Sierra Pacific Power Company	11066	8300	83	12	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	90	0	0	0
1592	Valley Road K2	Sierra Pacific Power Company	10215	1800	42	12	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	147	0	0	0
1593	Valley Road K1	Sierra Pacific Power Company	10215	1800	42	12	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	147	0	0	0
1594	Valley Road K3	Sierra Pacific Power Company	10215	1800	42	12	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jul-00	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	147	0	0	0
1595	Valmy ST1	Sierra Pacific Power Company	10047	25800	33	12	1.9	XCLT5S5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	199	0	0	0
1596	Valmy ST2	Sierra Pacific Power Company	10010	27400	33	12	1.9	XCLT5S5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	07-Jul-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	200	0	0	0
1597	Venti 1	Sierra Pacific Power Company	0	2150	1	12	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	28-Aug-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1598	Waschoe 1	Sierra Pacific Power Company	0	1100	1	12	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Oct-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1599	Waschoe 2	Sierra Pacific Power Company	0	1100	1	12	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1600	Winemacca GT	Sierra Pacific Power Company	15900	15000	113	12	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	63	0	0	0
1601	Steenbos Hills	Sierra Pacific Power Company	8000	11600	4	12	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Aug-01	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	0	0	0	0
1602	Soda Spgs-Hooper 4	Soda Springs ID, City of	0	275	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	21-Sep-00	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1603	Soda Spgs-M Snell 1	Soda Springs ID, City of	0	300	1	5	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1604	ACE CLCG	Southern California Edison Com	8000	88500	33	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	250	0	0	0
1605	AES Piacerra CCCC	Southern California Edison Com	8000	108300	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0
1606	AES Alamitos ST1	Southern California Edison Com	10956	17100	111	3	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	91	0	0	0
1607	AES Alamitos ST2	Southern California Edison Com	10658	17700	111	3	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	94	0	0	0
1608	AES Alamitos ST3	Southern California Edison Com	10236	32200	111	3	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	98	0	0	0
1609	AES Alamitos ST4	Southern California Edison Com	9690	32000	97	3	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	103	0	0	0
1610	AES Alamitos ST5	Southern California Edison Com	9361	48200	111	3	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	107	0	0	0
1611	AES Alamitos ST6	Southern California Edison Com	9381	48100	97	3	2.3	XNGS7T5FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	107	0	0	0
1612	AES Alamitos GT7	Southern California Edison Com	18510	134000	120	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	54	0	0	0
1613	Big Creek 1 1	Southern California Edison Com	0	17500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1614	Big Creek 1 2	Southern California Edison Com	0	17000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1615	Big Creek 1 3	Southern California Edison Com	0	17200	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1616	Big Creek 1 4	Southern California Edison Com	0	31200	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1617	Big Creek 2 3	Southern California Edison Com	0	15800	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1618	Big Creek 2 4	Southern California Edison Com	0	15600	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Mar-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1619	Big Creek 2 5	Southern California Edison Com	0	16900	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	41	0	6	-1	-1	-1	-1	0	0	0	0
1620	Big Creek 2 6	Southern California Edison Com	0	18800	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	0	0	0	0
1621	Big Creek 2A 1	Southern California Edison Com	0	49300	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	0	0	0	0
1622	Big Creek 2A 2	Southern California Edison Com	0	49200	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	38	0	6	-1	-1	-1	-1	0	0	0	0
1623	Big Creek 3 1	Southern California Edison Com	0	34500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	0	0	0	0
1624	Big Creek 3 2	Southern California Edison Com	0	34500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Jan-03	31-Dec-53	FALSE	38	0	6	-1	-1	-1	-1	0	0	0	0
1625	Big Creek 3 3	Southern California Edison Com	0	34300	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
1626	Big Creek 3 4	Southern California Edison Com	0	40500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	42	0	6	-1	-1	-1	-1	0			



Number	Name	Utility	Maxiumm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1585	Tracy ST3	Sierra Pacific Power Company -			FALSE						
1586	Clark Mtn GT4	Sierra Pacific Power Company -			FALSE						
1587	Clark Mtn GT1	Sierra Pacific Power Company -			FALSE						
1588	Clark Mtn GT2	Sierra Pacific Power Company -			FALSE						
1589	Clark Mtn GT3	Sierra Pacific Power Company -			FALSE						
1590	Tracy ST1	Sierra Pacific Power Company -			FALSE						
1591	Tracy ST2	Sierra Pacific Power Company -			FALSE						
1592	Valley Road IC1	Sierra Pacific Power Company -			FALSE						
1593	Valley Road IC2	Sierra Pacific Power Company -			FALSE						
1594	Valley Road IC3	Sierra Pacific Power Company -			FALSE						
1595	Valmy ST1	Sierra Pacific Power Company -			FALSE						
1596	Valmy ST2	Sierra Pacific Power Company -			FALSE						
1597	Venti 1	Sierra Pacific Power Company -			FALSE						
1598	Washoe 1	Sierra Pacific Power Company -			FALSE						
1599	Washoe 2	Sierra Pacific Power Company -			FALSE						
1600	Winemacca GT	Sierra Pacific Power Company -			FALSE						
1601	Steamboat Hills	Sierra Pacific Power Company -			FALSE						
1602	Soda Spgs-Hooper 4	Soda Springs ID, City of			FALSE						
1603	Soda Spgs-M Snell 1	Soda Springs ID, City of			FALSE						
1604	ACE CLCG	Southern California Edison Com			FALSE		C0001	ACE COGENERATION COMPANY	ACE (ARGUS COGEN EXPANSION)		
1605	AES Placerita CCCC	Southern California Edison Com			FALSE		G0006	AES PLACERITA			
1606	AES Alamitos ST1	Southern California Edison Com			FALSE		G0011	ALAMITOS GENERATING STAT	ALAMITOS #1-#7, ALAMITOS		
1607	AES Alamitos ST2	Southern California Edison Com			FALSE		G0011	ALAMITOS GENERATING STAT	ALAMITOS #1-#7, ALAMITOS		
1608	AES Alamitos ST3	Southern California Edison Com			FALSE		G0011	ALAMITOS GENERATING STAT	ALAMITOS #1-#7, ALAMITOS		
1609	AES Alamitos ST4	Southern California Edison Com			FALSE		G0011	ALAMITOS GENERATING STAT	ALAMITOS #1-#7, ALAMITOS		
1610	AES Alamitos ST5	Southern California Edison Com			FALSE		G0011	ALAMITOS GENERATING STAT	ALAMITOS #1-#7, ALAMITOS		
1611	AES Alamitos ST6	Southern California Edison Com			FALSE		G0011	ALAMITOS GENERATING STAT	ALAMITOS #1-#7, ALAMITOS		
1612	AES Alamitos GT7	Southern California Edison Com			FALSE		G0011	ALAMITOS GENERATING STAT	ALAMITOS #1-#7, ALAMITOS		
1613	Big Creek 1 1	Southern California Edison Com			FALSE		H0027	BIG CREEK 1			
1614	Big Creek 1 2	Southern California Edison Com			FALSE		H0027	BIG CREEK 1			
1615	Big Creek 1 3	Southern California Edison Com			FALSE		H0027	BIG CREEK 1			
1616	Big Creek 1 4	Southern California Edison Com			FALSE		H0027	BIG CREEK 1			
1617	Big Creek 2 3	Southern California Edison Com			FALSE		H0028	BIG CREEK 2			
1618	Big Creek 2 4	Southern California Edison Com			FALSE		H0028	BIG CREEK 2			
1619	Big Creek 2 5	Southern California Edison Com			FALSE		H0028	BIG CREEK 2			
1620	Big Creek 2 6	Southern California Edison Com			FALSE		H0028	BIG CREEK 2			
1621	Big Creek 2A 1	Southern California Edison Com			FALSE		H0030	BIG CREEK 2A			
1622	Big Creek 2A 2	Southern California Edison Com			FALSE		H0030	BIG CREEK 2A			
1623	Big Creek 3 1	Southern California Edison Com			FALSE		H0032	BIG CREEK 3			
1624	Big Creek 3 2	Southern California Edison Com			FALSE		H0032	BIG CREEK 3			
1625	Big Creek 3 3	Southern California Edison Com			FALSE		H0032	BIG CREEK 3			
1626	Big Creek 3 4	Southern California Edison Com			FALSE		H0032	BIG CREEK 3			
1627	Big Creek 3 5	Southern California Edison Com			FALSE		H0032	BIG CREEK 3			
1628	Big Creek 4 1	Southern California Edison Com			FALSE		H0034	BIG CREEK 4			
1629	Big Creek 4 2	Southern California Edison Com			FALSE		H0034	BIG CREEK 4			
1630	Big Creek 8 1	Southern California Edison Com			FALSE		H0036	BIG CREEK 8			
1631	Big Creek 8 2	Southern California Edison Com			FALSE		H0036	BIG CREEK 8			
1632	Bishop Creek 2 1	Southern California Edison Com			FALSE		H0041	BISHOP CREEK 2			
1633	Bishop Creek 2 2	Southern California Edison Com			FALSE		H0041	BISHOP CREEK 2			
1634	Bishop Creek 2 3	Southern California Edison Com			FALSE		H0041	BISHOP CREEK 2			
1635	Bishop Creek 3 1	Southern California Edison Com			FALSE		H0042	BISHOP CREEK 3			
1636	Bishop Creek 3 2	Southern California Edison Com			FALSE		H0042	BISHOP CREEK 3			
1637	Bishop Creek 3 3	Southern California Edison Com			FALSE		H0042	BISHOP CREEK 3			
1638	Bishop Creek 4 1	Southern California Edison Com			FALSE		H0043	BISHOP CREEK 4			
1639	Bishop Creek 4 2	Southern California Edison Com			FALSE		H0043	BISHOP CREEK 4			
1640	Bishop Creek 4 3	Southern California Edison Com			FALSE		H0043	BISHOP CREEK 4			
1641	Bishop Creek 4 4	Southern California Edison Com			FALSE		H0043	BISHOP CREEK 4			
1642	Bishop Creek 4 5	Southern California Edison Com			FALSE		H0043	BISHOP CREEK 4			
1643	Bishop Creek 5 1	Southern California Edison Com			FALSE		H0044	BISHOP CREEK 5			
1644	Bishop Creek 5 2	Southern California Edison Com			FALSE		H0044	BISHOP CREEK 5			
1645	Bishop Creek 6 1	Southern California Edison Com			FALSE		H0045	BISHOP CREEK 6			
1646	Borel 1	Southern California Edison Com			FALSE		H0048	BOREL			
1647	Borel 2	Southern California Edison Com			FALSE		H0048	BOREL			
1648	Borel 3	Southern California Edison Com			FALSE		H0048	BOREL			
1649	Catalina Micro Hydro 1	Southern California Edison Com			FALSE			delete			
1650	Catalina Micro Hydro 2	Southern California Edison Com			FALSE			delete			
1651	Catalina Micro Hydro 3	Southern California Edison Com			FALSE			delete			
1652	Alta Power Gen ST1	Reliant Energy			FALSE		G0767	COOLWATER	Alta Power		
1653	Alta Power Gen ST2	Reliant Energy			FALSE		G0767	COOLWATER	Alta Power		
1654	Alta Power Gen CC3	Reliant Energy			FALSE		G0767	COOLWATER	Alta Power		
1655	Alta Power Gen CC4	Reliant Energy			FALSE		G0767	COOLWATER	Alta Power		
1656	El Segundo Power ST1	Southern California Edison Com			FALSE		G0194	EL SEGUNDO	EL SEGUNDO #1-#4		
1657	El Segundo Power ST2	Southern California Edison Com			FALSE		G0194	EL SEGUNDO	EL SEGUNDO #1-#4		
1658	El Segundo Power ST3	Southern California Edison Com			FALSE		G0194	EL SEGUNDO	EL SEGUNDO #1-#4		
1659	El Segundo Power ST4	Southern California Edison Com			FALSE		G0194	EL SEGUNDO	EL SEGUNDO #1-#4		
1660	Mountain Vista ST1	Reliant Energy			FALSE		G0201	ETIWANDA	EL SEGUNDO #1-#4		
1661	Mountain Vista ST2	Reliant Energy			FALSE		G0201	ETIWANDA			
1662	Mountain Vista ST3	Reliant Energy			FALSE		G0201	ETIWANDA			
1663	Mountain Vista ST4	Reliant Energy			FALSE		G0201	ETIWANDA			
1664	Mountain Vista GT	Reliant Energy			FALSE		G0201	ETIWANDA			
1665	Fontana 1	Southern California Edison Com			FALSE		H0187	FONTANA			
1666	Fontana 2	Southern California Edison Com			FALSE		H0187	FONTANA			
1667	Riverside Canal ST1	THERMO ECOTEK			FALSE		G0259	RIVERSIDE CANAL POWER COMPANY	HIGHGROVE		
1668	Riverside Canal ST2	THERMO ECOTEK			FALSE		G0259	RIVERSIDE CANAL POWER COMPANY	HIGHGROVE		
1669	Riverside Canal ST3	THERMO ECOTEK			FALSE		G0259	RIVERSIDE CANAL POWER COMPANY	HIGHGROVE		
1670	Riverside Canal ST4	THERMO ECOTEK			FALSE		G0259	RIVERSIDE CANAL POWER COMPANY	HIGHGROVE		
1671	AES Huntington Beach ST1	Southern California Edison Com			FALSE		G0274	HUNTINGTON BEACH			
1672	AES Huntington Beach ST2	Southern California Edison Com			FALSE		G0274	HUNTINGTON BEACH			
1673	AES Huntington Beach GT	Southern California Edison Com			FALSE		G0274	HUNTINGTON BEACH			
1674	J S Eastwood 1	Southern California Edison Com	4968	0.5	FALSE		H0161	EASTWOOD			
1675	Kaweah 1 1	Southern California Edison Com			FALSE		H0259	KAWEAH 1			
1676	Kaweah 2 2	Southern California Edison Com			FALSE		H0260	KAWEAH 2			
1677	Kaweah 3 1	Southern California Edison Com			FALSE		H0261	KAWEAH 3			
1678	Kaweah 3 2	Southern California Edison Com			FALSE		H0261	KAWEAH 3			
1679	Kern River 1 1	Southern California Edison Com			FALSE		H0268	KERN RIVER 1			
1680	Kern River 1 2	Southern California Edison Com			FALSE		H0268	KERN RIVER 1			
1681	Kern River 1 3	Southern California Edison Com			FALSE		H0268	KERN RIVER 1			
1682	Kern River 1 4	Southern California Edison Com			FALSE		H0268	KERN RIVER 1			
1683	Kern River 3 1	Southern California Edison Com			FALSE		H0269	KERN RIVER 3			

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1585	Tracy ST3	Sierra Pacific Power Company -								0
1586	Clark Mtn GT4	Sierra Pacific Power Company -								0
1587	Clark Mtn GT1	Sierra Pacific Power Company -								0
1588	Clark Mtn GT2	Sierra Pacific Power Company -								0
1589	Clark Mtn GT3	Sierra Pacific Power Company -								0
1590	Tracy ST1	Sierra Pacific Power Company -								0
1591	Tracy ST2	Sierra Pacific Power Company -								0
1592	Valley Road K2	Sierra Pacific Power Company -								0
1593	Valley Road K2	Sierra Pacific Power Company -								0
1594	Valley Road K3	Sierra Pacific Power Company -								0
1595	Valmy ST1	Sierra Pacific Power Company -								0
1596	Valmy ST2	Sierra Pacific Power Company -								0
1597	Venti 1	Sierra Pacific Power Company -								0
1598	Washoe 1	Sierra Pacific Power Company -								0
1599	Washoe 2	Sierra Pacific Power Company -								0
1600	Winemacca GT	Sierra Pacific Power Company -								0
1601	Steamboat Hills	Sierra Pacific Power Company -								0
1602	Soda Spgs-Hooper 4	Soda Springs ID, City of								0
1603	Soda Spgs-M Snell 1	Soda Springs ID, City of								0
1604	ACE CLCG	Southern California Edison Com	SAN BERNARDINO		12801 MARIPOSA STREET	COAL	COAL	COAL-FIRED TOPPING CYCLE		0
1605	AES Placencia CCCC	Southern California Edison Com	LOS ANGELES		20885 FLACHERTIA CANYON ROAD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE TOPPING CYCLE	YES	0
1606	AES Alamitos ST1	Southern California Edison Com	LOS ANGELES		690 NORTH STUDEBAKER ROAD	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE GAS TURBINE	NO	0
1607	AES Alamitos ST2	Southern California Edison Com	LOS ANGELES		690 NORTH STUDEBAKER ROAD	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE GAS TURBINE	NO	0
1608	AES Alamitos ST3	Southern California Edison Com	LOS ANGELES		690 NORTH STUDEBAKER ROAD	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE GAS TURBINE	NO	0
1609	AES Alamitos ST4	Southern California Edison Com	LOS ANGELES		690 NORTH STUDEBAKER ROAD	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE GAS TURBINE	NO	0
1610	AES Alamitos ST5	Southern California Edison Com	LOS ANGELES		690 NORTH STUDEBAKER ROAD	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE GAS TURBINE	NO	0
1611	AES Alamitos ST6	Southern California Edison Com	LOS ANGELES		690 NORTH STUDEBAKER ROAD	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE GAS TURBINE	NO	0
1612	AES Alamitos GT7	Southern California Edison Com	LOS ANGELES		690 NORTH STUDEBAKER ROAD	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE GAS TURBINE	NO	0
1613	Big Creek 1 1	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1614	Big Creek 1 2	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1615	Big Creek 1 3	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1616	Big Creek 1 4	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1617	Big Creek 2 3	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1618	Big Creek 2 4	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1619	Big Creek 2 5	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1620	Big Creek 2 6	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1621	Big Creek 2A 1	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1622	Big Creek 2A 2	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1623	Big Creek 3 1	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1624	Big Creek 3 2	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1625	Big Creek 3 3	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1626	Big Creek 3 4	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1627	Big Creek 3 5	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1628	Big Creek 4 1	Southern California Edison Com	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
1629	Big Creek 4 2	Southern California Edison Com	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
1630	Big Creek 8 1	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1631	Big Creek 8 2	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1632	Bishop Creek 2 1	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1633	Bishop Creek 2 2	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1634	Bishop Creek 2 3	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1635	Bishop Creek 3 1	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1636	Bishop Creek 3 2	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1637	Bishop Creek 3 3	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1638	Bishop Creek 4 1	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1639	Bishop Creek 4 2	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1640	Bishop Creek 4 3	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1641	Bishop Creek 4 4	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1642	Bishop Creek 4 5	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1643	Bishop Creek 5 1	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1644	Bishop Creek 5 2	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1645	Bishop Creek 6 1	Southern California Edison Com	INYO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1646	Borel 1	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1647	Borel 2	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1648	Borel 3	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1649	Catalina Micro Hydro 1	Southern California Edison Com								0
1650	Catalina Micro Hydro 2	Southern California Edison Com								0
1651	Catalina Micro Hydro 3	Southern California Edison Com								0
1652	Alta Power Gen ST1	Reliant Energy	SAN BERNARDINO		EAST SANTA FE STREET	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
1653	Alta Power Gen ST2	Reliant Energy	SAN BERNARDINO		EAST SANTA FE STREET	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
1654	Alta Power Gen CC3	Reliant Energy	SAN BERNARDINO		EAST SANTA FE STREET	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
1655	Alta Power Gen CC4	Reliant Energy	SAN BERNARDINO		EAST SANTA FE STREET	NATURAL GAS	OIL GAS	STEAM TURBINE, COMBINED CYCLE	NO	0
1656	El Segundo Power ST1	Southern California Edison Com	LOS ANGELES		301 VISTA DEL MAR	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1657	El Segundo Power ST2	Southern California Edison Com	LOS ANGELES		301 VISTA DEL MAR	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1658	El Segundo Power ST3	Southern California Edison Com	LOS ANGELES		301 VISTA DEL MAR	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1659	El Segundo Power ST4	Southern California Edison Com	LOS ANGELES		301 VISTA DEL MAR	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1660	Mountain Vista ST1	Reliant Energy	SAN BERNARDINO		8996 ETWANDA AVENUE	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1661	Mountain Vista ST2	Reliant Energy	SAN BERNARDINO		8996 ETWANDA AVENUE	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1662	Mountain Vista ST3	Reliant Energy	SAN BERNARDINO		8996 ETWANDA AVENUE	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1663	Mountain Vista ST4	Reliant Energy	SAN BERNARDINO		8996 ETWANDA AVENUE	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1664	Mountain Vista GT	Reliant Energy	SAN BERNARDINO		8996 ETWANDA AVENUE	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1665	Fontana 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1666	Fontana 2	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1667	Riverside Canal ST1	THERMO ECOTEK	SAN BERNARDINO		12700 TAYLOR STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1668	Riverside Canal ST2	THERMO ECOTEK	SAN BERNARDINO		12700 TAYLOR STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1669	Riverside Canal ST3	THERMO ECOTEK	SAN BERNARDINO		12700 TAYLOR STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1670	Riverside Canal ST4	THERMO ECOTEK	SAN BERNARDINO		12700 TAYLOR STREET	NATURAL GAS	OIL GAS	STEAM TURBINE	NO	0
1671	AES Huntington Beach ST1	Southern California Edison Com	ORANGE		21730 NEWLAND STREET	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1672	AES Huntington Beach ST2	Southern California Edison Com	ORANGE		21730 NEWLAND STREET	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1673	AES Huntington Beach GT	Southern California Edison Com	ORANGE		21730 NEWLAND STREET	NATURAL DISTILLATE	OIL GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1674	J S Eastwood 1	Southern California Edison Com	FRESNO							0
1675	Kaweah 1 1	Southern California Edison Com	TULARE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1676	Kaweah 2 2	Southern California Edison Com	TULARE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1677	Kaweah 3 1	Southern California Edison Com	TULARE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1678	Kaweah 3 2	Southern California Edison Com	TULARE			HYDRO	HYDRO	HYDRO, WATER	NO	0
1679	Kern River 1 1	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1680	Kern River 1 2	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1681	Kern River 1 3	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1682	Kern River 1 4	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1683	Kern River 3 1	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	No. Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
1684	Kern River 32	Southern California Edison Com	0	18400	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1685	Kern River GTCG1	Southern California Edison Com	8000	56800	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1686	Kern River GTCG2	Kern River Cogeneration	8000	56800	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1687	Kern River GTCG3	Kern River Cogeneration	8000	56800	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1688	Kern River GTCG4	Kern River Cogeneration	8000	56800	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1689	Long Beach Gen CC8	Southern California Edison Com	7900	320000	97	3	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	127	0	0	
1690	Long Beach Gen CC9	Southern California Edison Com	7900	232000	97	3	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	37	0	6	-1	-1	-1	-1	127	0	0	
1691	Lundy 1	Southern California Edison Com	0	1500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1692	Lundy 2	Southern California Edison Com	0	1500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1693	Lytle Creek 1	Southern California Edison Com	0	340	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1694	Lytle Creek 2	Southern California Edison Com	0	340	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1695	Mammoth Pool 1	Southern California Edison Com	0	93500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1696	Mammoth Pool 2	Southern California Edison Com	0	93500	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1699	Ocean Vista ST1	Reliant Energy	9519	218000	97	3	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	105	0	0	
1698	Ocean Vista ST2	Reliant Energy	9579	215000	97	3	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	104	0	0	
1699	Ocean Vista GT3	Reliant Energy	14393	132000	111	3	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	69	0	0	
1700	Midway Sunset GTCG1	Southern California Edison Com	8000	68800	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1701	Midway Sunset GTCG2	Midway-Sunset Cogeneration	8000	68800	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1702	Midway Sunset GTCG3	Midway-Sunset Cogeneration	8000	68800	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	
1703	Mill Creek 1	Southern California Edison Com	0	940	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1704	Mill Creek 2.1	Southern California Edison Com	0	320	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1705	Mill Creek 3	Southern California Edison Com	0	1900	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1706	Mill Creek 3.4	Southern California Edison Com	0	390	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1707	Mill Creek 3.5	Southern California Edison Com	0	390	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1708	Mohave ST1	Southern California Edison Com	10217	790000	33	10	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	196	0	0	
1709	Mohave ST2	Southern California Edison Com	10452	790000	33	10	1.9	XCLST75FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	196	0	0	
1710	Nountilly Hydro NA	Southern California Edison Com	0	0	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1711	Ontario 1.1	Southern California Edison Com	0	300	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1712	Ontario 1.2	Southern California Edison Com	0	300	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1713	Ontario 1.3	Southern California Edison Com	0	300	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1714	Ontario 2.1	Southern California Edison Com	0	330	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	15-Apr-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1715	Ormond Beach Gen ST1	Southern California Edison Com	9510	726000	111	3	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	02-Sep-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	105	0	0	
1716	Ormond Beach Gen ST2	Southern California Edison Com	9478	766000	97	3	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	160	0	0	
1717	Pebble Beach ICF-15	Southern California Edison Com	9373	42	3	1.3	106		01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	160	0	0	
1718	Portal 1	Southern California Edison Com	0	10900	2	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1719	Portal 1	Southern California Edison Com	0	10500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	05-Dec-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1720	AES Redondo Beach ST5	Southern California Edison Com	10374	175000	111	3	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	96	0	0	
1721	AES Redondo Beach ST6	Southern California Edison Com	10716	175000	111	3	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	93	0	0	
1722	AES Redondo Beach ST7	AES Redondo Beach ST7	9559	483000	97	3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	105	0	0	
1723	AES Redondo Beach ST8	Southern California Edison Com	9500	484000	97	3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	105	0	0	
1724	Rush Creek 1	Southern California Edison Com	0	6000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	0	0	0	
1725	Rush Creek 2	Southern California Edison Com	0	5900	2	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	37	0	6	-1	-1	-1	-1	0	0	0	
1726	Mountainview ST1	THERMO ECOTEK	11523	63000	111	3	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	86	0	0	
1727	Mountainview ST2	THERMO ECOTEK	11577	62000	111	3	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	86	0	0	
1728	San Geronimo 1.1	Southern California Edison Com	0	1500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1729	San Geronimo 2.1	Southern California Edison Com	0	700	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1730	San Onofre 2	Southern California Edison Com	9887	1086000	5	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	30-Jan-80	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1731	San Onofre 3	Southern California Edison Com	9887	1086000	5	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	30-Jan-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1732	Santa Ana 1.1	Southern California Edison Com	0	1000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	
1733	Santa Ana 1.2	Southern California Edison Com	0	1000	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-																			

Number	Name	Utility	Maxium Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1684	Kern River 3 2	Southern California Edison Com			FALSE		H0269	KERN RIVER 3			
1685	Kern River GTCG1	Southern California Edison Com			FALSE		G0293	KERN RIVER COGENERATION	OMAR HILL		
1686	Kern River GTCG2	Kern River Cogeneration			FALSE						
1687	Kern River GTCG3	Kern River Cogeneration			FALSE						
1688	Kern River GTCG4	Kern River Cogeneration			FALSE						
1689	Long Beach Gen CC8	Southern California Edison Com			FALSE		G0319	LONG BEACH	LONG BEACH #8-#9		
1690	Long Beach Gen CC9	Southern California Edison Com			FALSE		G0319	LONG BEACH	LONG BEACH #8-#9		
1691	Lundy 1	Southern California Edison Com			FALSE		H0296	LUNDY			
1692	Lundy 2	Southern California Edison Com			FALSE		H0296	LUNDY			
1693	Lytle Creek 1	Southern California Edison Com			FALSE		H0298	LYTLE CREEK			
1694	Lytle Creek 2	Southern California Edison Com			FALSE		H0298	LYTLE CREEK			
1695	Mammoth Pool 1	Southern California Edison Com			FALSE		H0313	MAMMOTH POOL			
1696	Mammoth Pool 2	Southern California Edison Com			FALSE		H0313	MAMMOTH POOL			
1697	Ocean Vista ST1	Reliant Energy			FALSE		G0330	MANDALAY	Ocean Vista		
1698	Ocean Vista ST2	Reliant Energy			FALSE		G0330	MANDALAY	Ocean Vista		
1699	Ocean Vista ST3	Reliant Energy			FALSE		G0330	MANDALAY	Ocean Vista		
1700	Midway Sunset GTCG1	Southern California Edison Com			FALSE		G0358	MIDWAY-SUNSET COGENERATION			
1701	Midway Sunset GTCG2	Midway-Sunset Cogeneration			FALSE						
1702	Midway Sunset GTCG3	Midway-Sunset Cogeneration			FALSE						
1703	Mill Creek 1 1	Southern California Edison Com			FALSE		H0331	MILL CREEK 1			
1704	Mill Creek 2 1	Southern California Edison Com			FALSE		H0332	MILL CREEK 2			
1705	Mill Creek 3 3	Southern California Edison Com			FALSE		H0333	MILL CREEK 3			
1706	Mill Creek 3 4	Southern California Edison Com			FALSE		H0333	MILL CREEK 3			
1707	Mill Creek 3 5	Southern California Edison Com			FALSE		H0333	MILL CREEK 3			
1708	Mohave ST1	Southern California Edison Com			FALSE						
1709	Mohave ST2	Southern California Edison Com			FALSE						
1710	Nountlity Hydro NA	Southern California Edison Com			FALSE		delete				
1711	Ontario 1 1	Southern California Edison Com			FALSE		H0372	ONTARIO 1			
1712	Ontario 1 2	Southern California Edison Com			FALSE		H0372	ONTARIO 1			
1713	Ontario 1 3	Southern California Edison Com			FALSE		H0372	ONTARIO 1			
1714	Ontario 2 1	Southern California Edison Com			FALSE		H0373	ONTARIO 2			
1715	Ormond Beach Gen ST1	Southern California Edison Com			FALSE		G0421	ORMOND BEACH			
1716	Ormond Beach Gen ST2	Southern California Edison Com			FALSE		G0421	ORMOND BEACH			
1717	Pebble Beach IC7-15	Southern California Edison Com			FALSE		delete				
1718	Portal 1	Southern California Edison Com			FALSE		H0499	PORTAL 1			
1719	Portal 1	Southern California Edison Com			FALSE		H0499	PORTAL 1			
1720	AES Redondo Beach ST5	Southern California Edison Com			FALSE		G0490	REDONDO BEACH GENERATING STAT	REDONDO #1-#8		
1721	AES Redondo Beach ST6	Southern California Edison Com			FALSE		G0490	REDONDO BEACH GENERATING STAT	REDONDO #1-#8		
1722	AES Redondo Beach ST7	Southern California Edison Com			FALSE		G0490	REDONDO BEACH GENERATING STAT	REDONDO #1-#8		
1723	AES Redondo Beach ST8	Southern California Edison Com			FALSE		G0490	REDONDO BEACH GENERATING STAT	REDONDO #1-#8		
1724	Rush Creek 1	Southern California Edison Com			FALSE		H0426	RUSH CREEK			
1725	Rush Creek 2	Southern California Edison Com			FALSE		H0426	RUSH CREEK			
1726	Mountainview ST1	THERMO ECOTEK			FALSE		G0523	MOUNTAINVIEW POWER CO. (SAN BERNARDINO)	SAN BERNARDINO		
1727	Mountainview ST2	THERMO ECOTEK			FALSE		G0523	MOUNTAINVIEW POWER CO. (SAN BERNARDINO)	SAN BERNARDINO		
1728	San Geronio 1 1	Southern California Edison Com			FALSE		H0445	SAN GORGONIO 1			
1729	San Geronio 2 1	Southern California Edison Com			FALSE		H0446	SAN GORGONIO 2			
1730	San Onofre 2	Southern California Edison Com			FALSE		N0002	SAN ONOFRE	SONGS		
1731	San Onofre 3	Southern California Edison Com			FALSE		N0002	SAN ONOFRE	SONGS		
1732	Santa Ana 1 1	Southern California Edison Com			FALSE		H0460	SANTA ANA 1			
1733	Santa Ana 1 2	Southern California Edison Com			FALSE		H0460	SANTA ANA 1			
1734	Santa Ana 1 3	Southern California Edison Com			FALSE		H0460	SANTA ANA 1			
1735	Santa Ana 1 4	Southern California Edison Com			FALSE		H0460	SANTA ANA 1			
1736	Santa Ana 2 1	Southern California Edison Com			FALSE		H0461	SANTA ANA 2			
1737	Santa Ana 2 2	Southern California Edison Com			FALSE		H0461	SANTA ANA 2			
1738	Santa Ana 3 1	Southern California Edison Com			FALSE		H0462	SANTA ANA 3			
1739	Sierra 1	Southern California Edison Com			FALSE		H0479	SIERRA			
1740	Sierra 2	Southern California Edison Com			FALSE		H0479	SIERRA			
1741	Sycamore GTCG1	Southern California Edison Com			FALSE		G0590	SYCAMORE COGENERATION			
1742	Sycamore GTCG2	Sycamore Cogeneration			FALSE						
1743	Sycamore GTCG3	Sycamore Cogeneration			FALSE						
1744	Sycamore GTCG4	Sycamore Cogeneration			FALSE						
1745	Tule River 1	Southern California Edison Com			FALSE		H0925	LOWER TULE			
1746	Tule River 2	Southern California Edison Com			FALSE		H0925	LOWER TULE			
1747	Watson GTCG1	Southern California Edison Com			FALSE		G0035	WATSON COGEN			
1748	Watson GTCG2	ARCO Products			FALSE						
1749	Watson CCCC3	ARCO Products			FALSE						
1750	Watson CCCC4	ARCO Products			FALSE						
1751	Spring City Hydro 1	Spring City Corp - UT			FALSE						
1752	Bartholomew 2	Springville UT, City of			FALSE						
1753	Hobble Creek 1	Springville UT, City of			FALSE						
1754	Spring Creek 3	Springville UT, City of			FALSE						
1755	Upper Bartholomew 1	Springville UT, City of			FALSE						
1756	Whitehead IC1	Springville UT, City of			FALSE						
1757	Whitehead IC2	Springville UT, City of			FALSE						
1758	Payson 1	Strawberry Water Users Assn -			FALSE						
1759	Spanish Fork 1	Strawberry Water Users Assn -			FALSE						
1760	Spanish Fork 2	Strawberry Water Users Assn -			FALSE						
1761	Spanish Fork 3	Strawberry Water Users Assn -			FALSE						
1762	Alder 1	Tacoma Department of Public Ut			FALSE						
1763	Alder 2	Tacoma Department of Public Ut			FALSE						
1764	Cushman 1 21	Tacoma Department of Public Ut			FALSE						
1765	Cushman 1 22	Tacoma Department of Public Ut			FALSE						
1766	Cushman 2 31	Tacoma Department of Public Ut			FALSE						
1767	Cushman 2 32	Tacoma Department of Public Ut			FALSE						
1768	Cushman 2 33	Tacoma Department of Public Ut			FALSE						
1769	EBC 4 6 1	Tacoma Department of Public Ut			FALSE						
1770	LaGrande 1	Tacoma Department of Public Ut			FALSE						
1771	LaGrande 2	Tacoma Department of Public Ut			FALSE						
1772	LaGrande 3	Tacoma Department of Public Ut			FALSE						
1773	LaGrande 4	Tacoma Department of Public Ut			FALSE						
1774	LaGrande 5	Tacoma Department of Public Ut			FALSE						
1775	Maun Canal 1	Tacoma Department of Public Ut			FALSE						
1776	Mayfield 1	Tacoma Department of Public Ut			FALSE						
1777	Mayfield 2	Tacoma Department of Public Ut			FALSE						
1778	Mayfield 3	Tacoma Department of Public Ut			FALSE						
1779	Mayfield 4	Tacoma Department of Public Ut			FALSE						
1780	Mossyrock 1	Tacoma Department of Public Ut			FALSE						
1781	Mossyrock 2	Tacoma Department of Public Ut			FALSE						
1782	PEC 66 0 1	Tacoma Department of Public Ut			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1684	Kern River 3 2	Southern California Edison Com	KERN			HYDRO	HYDRO	HYDRO, WATER	NO	0
1685	Kern River GTCG1	Southern California Edison Com	KERN		100 S.W. CHINA GRADE LOOP	NATURAL GAS	OIL-GAS	COMBUSTION TURBINE TOPPING CYCLE	YES	0
1686	Kern River GTCG2	Kern River Cogeneration								0
1687	Kern River GTCG3	Kern River Cogeneration								0
1688	Kern River GTCG4	Kern River Cogeneration								0
1689	Long Beach Gen CC8	Southern California Edison Com	LOS ANGELES		2665 WEST SEASIDE BLVD, TERMINAL ISLAND	NATURAL GAS	OIL-GAS	COMBUSTION TURBINE, STEAM TURBINE	NO	0
1690	Long Beach Gen CC9	Southern California Edison Com	LOS ANGELES		2665 WEST SEASIDE BLVD, TERMINAL ISLAND	NATURAL GAS	OIL-GAS	COMBUSTION TURBINE, STEAM TURBINE	NO	0
1691	Lundy 1	Southern California Edison Com	MONO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1692	Lundy 2	Southern California Edison Com	MONO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1693	Lytle Creek 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1694	Lytle Creek 2	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1695	Mammoth Pool 1	Southern California Edison Com	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
1696	Mammoth Pool 2	Southern California Edison Com	MADERA			HYDRO	HYDRO	HYDRO, WATER	NO	0
1697	Ocean Vista ST1	Reliant Energy	VENTURA		393 NORTH HARBOR BLVD.	NATURAL DISTILLATE	OIL-GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1698	Ocean Vista ST2	Reliant Energy	VENTURA		393 NORTH HARBOR BLVD.	NATURAL DISTILLATE	OIL-GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1699	Ocean Vista GT3	Reliant Energy	VENTURA		393 NORTH HARBOR BLVD.	NATURAL DISTILLATE	OIL-GAS	STEAM TURBINE, COMBUSTION TURBINE	NO	0
1700	Midway Sunset GTCG1	Southern California Edison Com	KERN		3466 WEST CROCKER SPRINGS ROAD (& MOCAL ROAD, OFF WEST SIDE HWY)	NATURAL GAS/EOR	OIL-GAS	COMBUSTION TURBINE TOPPING CYCLE	YES	0
1701	Midway Sunset GTCG2	Midway-Sunset Cogeneration								0
1702	Midway Sunset GTCG3	Midway-Sunset Cogeneration								0
1703	Mill Creek 1 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1704	Mill Creek 2 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1705	Mill Creek 3 3	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1706	Mill Creek 3 4	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1707	Mill Creek 3 5	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1708	Mohave ST1	Southern California Edison Com								0
1709	Mohave ST2	Southern California Edison Com								0
1710	Nountlity Hydro NA	Southern California Edison Com								0
1711	Ontario 1 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	1066
1712	Ontario 1 2	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	1066
1713	Ontario 1 3	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	1068
1714	Ontario 2 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	23163
1715	Ormond Beach Gen ST1	Southern California Edison Com	VENTURA		6635 SOUTH EDISON DRIVE	NATURAL GAS	OIL-GAS	COMBINED CYCLE - STEAM TURBINE	NO	25934
1716	Ormond Beach Gen ST2	Southern California Edison Com	VENTURA		6635 SOUTH EDISON DRIVE	NATURAL GAS	OIL-GAS	COMBINED CYCLE - STEAM TURBINE	NO	25934
1717	Pebble Beach IC7-15	Southern California Edison Com	MONO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1718	Portal 1	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	20790
1719	Portal 1	Southern California Edison Com	FRESNO			HYDRO	HYDRO	HYDRO, WATER	NO	20790
1720	AES Redondo Beach ST5	Southern California Edison Com	LOS ANGELES		1100 HARBOR DRIVE	NATURAL GAS	OIL-GAS	HYDRO, WATER	NO	17533
1721	AES Redondo Beach ST6	Southern California Edison Com	LOS ANGELES		1100 HARBOR DRIVE	NATURAL GAS	OIL-GAS	HYDRO, WATER	NO	17533
1722	AES Redondo Beach ST7	Southern California Edison Com	LOS ANGELES		1100 HARBOR DRIVE	NATURAL GAS	OIL-GAS	HYDRO, WATER	NO	17533
1723	AES Redondo Beach ST8	Southern California Edison Com	LOS ANGELES		1100 HARBOR DRIVE	NATURAL GAS	OIL-GAS	HYDRO, WATER	NO	17533
1724	Rush Creek 1	Southern California Edison Com	MONO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1725	Rush Creek 2	Southern California Edison Com	MONO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1726	Mountainview ST1	THERMO ECOTEK	SAN BERNARDINO		25770 SAN BERNARDINO AVENUE	NATURAL GAS	OIL-GAS	STREAM TURBINE	NO	0
1727	Mountainview ST2	THERMO ECOTEK	SAN BERNARDINO		25770 SAN BERNARDINO AVENUE	NATURAL GAS	OIL-GAS	STREAM TURBINE	NO	0
1728	San Geronio 1 1	Southern California Edison Com	RIVERSIDE			HYDRO	HYDRO	HYDRO, WATER	NO	8736
1729	San Geronio 2 1	Southern California Edison Com	RIVERSIDE			HYDRO	HYDRO	HYDRO, WATER	NO	8736
1730	San Onofre 2	Southern California Edison Com	SAN DIEGO		HWY 101 NUCLEAR GENERATING STATION, 14300 MESA ROAD W 40	NUCLEAR	NUCLEAR	URANIUM	NO	24838
1731	San Onofre 3	Southern California Edison Com	SAN DIEGO		HWY 101 NUCLEAR GENERATING STATION, 14300 MESA ROAD W 40	NUCLEAR	NUCLEAR	URANIUM	NO	24838
1732	Santa Ana 1 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1733	Santa Ana 1 2	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1734	Santa Ana 1 3	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1735	Santa Ana 1 4	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	0
1736	Santa Ana 2 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	1948
1737	Santa Ana 2 2	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	1948
1738	Santa Ana 3 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	17288
1739	Sierra 1	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	8037
1740	Sierra 2	Southern California Edison Com	SAN BERNARDINO			HYDRO	HYDRO	HYDRO, WATER	NO	8037
1741	Sycamore GTCG1	Southern California Edison Com	KERN		100 S.W. CHINA GRADE LOOP	NATURAL GAS	OIL-GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	32472
1742	Sycamore GTCG2	Sycamore Cogeneration								0
1743	Sycamore GTCG3	Sycamore Cogeneration								0
1744	Sycamore GTCG4	Sycamore Cogeneration								0
1745	Tule River 1	Southern California Edison Com	TULARE			HYDRO	HYDRO	HYDRO, WATER	NO	3532
1746	Tule River 2	Southern California Edison Com	TULARE			HYDRO	HYDRO	HYDRO, WATER	NO	3532
1747	Watson GTCG1	Southern California Edison Com	LOS ANGELES		22850 SOUTH WILMINGTON AVENUE	NATURAL GAS	OIL-GAS	COMBINED CYCLE/TOPPING CYCLE	YES	32115
1748	Watson GTCG2	ARCO Products								0
1749	Watson CCCC3	ARCO Products								0
1750	Watson CCCC4	ARCO Products								0
1751	Spring City Hydro 1	Spring City Corp - UT			Springville UT, City of					0
1752	Bartholomew 2	Springville UT, City of			Springville UT, City of					0
1753	Hobble Creek 1	Springville UT, City of			Springville UT, City of					0
1754	Spring Creek 3	Springville UT, City of			Springville UT, City of					0
1755	Upper Bartholomew 1	Springville UT, City of			Springville UT, City of					0
1756	Whitehead IC1	Springville UT, City of			Springville UT, City of					0
1757	Whitehead IC2	Springville UT, City of			Springville UT, City of					0
1758	Payson 1	Strawberry Water Users Assn -								0
1759	Spanish Fork 1	Strawberry Water Users Assn -								0
1760	Spanish Fork 2	Strawberry Water Users Assn -								0
1761	Spanish Fork 3	Strawberry Water Users Assn -								0
1762	Alder 1	Tacoma Department of Public Ut								0
1763	Alder 2	Tacoma Department of Public Ut								0
1764	Cushman 1 21	Tacoma Department of Public Ut								0
1765	Cushman 1 22	Tacoma Department of Public Ut								0
1766	Cushman 2 31	Tacoma Department of Public Ut								0
1767	Cushman 2 32	Tacoma Department of Public Ut								0
1768	Cushman 2 33	Tacoma Department of Public Ut								0
1769	EBC 4 6 1	Tacoma Department of Public Ut								0
1770	LaGrande 1	Tacoma Department of Public Ut								0
1771	LaGrande 2	Tacoma Department of Public Ut								0
1772	LaGrande 3	Tacoma Department of Public Ut								0
1773	LaGrande 4	Tacoma Department of Public Ut								0
1774	LaGrande 5	Tacoma Department of Public Ut								0
1775	Maun Canal 1	Tacoma Department of Public Ut								0
1776	Mayfield 1	Tacoma Department of Public Ut								0
1777	Mayfield 2	Tacoma Department of Public Ut								0
1778	Mayfield 3	Tacoma Department of Public Ut								0
1779	Mayfield 4	Tacoma Department of Public Ut								0
1780	Mossyrock 1	Tacoma Department of Public Ut								0
1781	Mossyrock 2	Tacoma Department of Public Ut								0
1782	PEC 66 0 1	Tacoma Department of Public Ut								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
1774	Russell D Smith 1	Tacoma Department of Public Ut	0	6100	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	0	0	0
1781	Steam Plant No 2 A81	Tacoma Department of Public Ut	14000	19000	38	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1785	Steam Plant No 2 A82	Tacoma Department of Public Ut	14000	19000	38	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1786	Tacoma Landfill	Tacoma Department of Public Ut	8000	1800	6	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1787	Sumner Falls 1-2	Tacoma Department of Public Ut	0	92000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1788	Wynoochee 1	Tacoma Department of Public Ut	0	6000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1789	Bighorn 1-2	TransAlta Utilities Corporatio	0	41000	1	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1790	Bow Hydro System 1-2	TransAlta Utilities Corporatio	0	318000	1	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1791	Brannon 1-2	TransAlta Utilities Corporatio	0	330000	1	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1792	Keephills ST1	TransAlta Utilities Corporatio	10355	392000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	193	0	0
1793	Keephills ST2	TransAlta Utilities Corporatio	10354	393000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	193	0	0
1794	Keephills Upgrade	TransAlta Utilities Corporatio	0	35000	2	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-	-	-	-	-	0	0	0
1795	Nonutility Hydro 6	TransAlta Utilities Corporatio	0	20000	1	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1796	Sundance ST1	TransAlta Utilities Corporatio	10401	293000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	192	0	0
1797	Sundance ST2	TransAlta Utilities Corporatio	10400	294000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	192	0	0
1798	Sundance ST3	TransAlta Utilities Corporatio	10360	371000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	193	0	0
1799	Sundance ST4	TransAlta Utilities Corporatio	10359	371000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	193	0	0
1800	Sundance ST5	TransAlta Utilities Corporatio	10358	371000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	193	0	0
1801	Sundance ST6	TransAlta Utilities Corporatio	10357	380000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	193	0	0
1802	Wahman ST4	TransAlta Utilities Corporatio	10402	293000	32	13	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	192	0	0
1803	Drayton Valley (Weverhueser)	TransAlta Utilities Corporatio	8000	12000	7	13	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1804	Whitecourt Power	TransAlta Utilities Corporatio	8000	24000	7	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1805	Trinidad ST3	TransAlta Utilities Corporatio	10000	2900	105	8	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-53	FALSE	40	0	6	-	-	-	-	-	66	0	0
1806	Trinidad ST4	TransAlta Utilities Corporatio	13000	2900	105	8	2.3	XNGS5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	77	0	0
1807	Blue Valley Hydro 1-2	Tri-State Generation & Transmi	0	40	1	8	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0
1808	Brighton GT1	Tri-State Generation & Transmi	10000	71100	105	8	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	40	0	6	-	-	-	-	-	66	0	0
1809	Brighton GT2	Tri-State Generation & Transmi	10000	71100	105	8	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	40	0	6	-	-	-	-	-	66	0	0
1810	Craig ST1	Tri-State Generation & Transmi	10644	428000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	188	0	0
1811	Craig ST2	Tri-State Generation & Transmi	10644	428000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	188	0	0
1812	Craig ST3	Tri-State Generation & Transmi	10612	408000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	188	0	0
1813	Limon GT1	Tri-State Generation & Transmi	10000	70000	105	8	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	40	0	6	-	-	-	-	-	66	0	0
1814	Limon GT2	Tri-State Generation & Transmi	10000	70000	105	8	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	40	0	6	-	-	-	-	-	66	0	0
1815	Nacla ST1	Tri-State Generation & Transmi	11670	12000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	171	0	0
1816	Nacla ST2	Tri-State Generation & Transmi	11670	12000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	171	0	0
1817	Nacla ST3	Tri-State Generation & Transmi	11670	12000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	171	0	0
1818	Nacla ST4	Tri-State Generation & Transmi	11670	64000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	171	0	0
1819	Pyramid GT1	Tri-State Generation & Transmi	10000	40000	84	9	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-	-	-	-	-	114	0	0
1820	Pyramid GT2	Tri-State Generation & Transmi	10000	40000	84	9	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-	-	-	-	-	114	0	0
1821	Pyramid GT3	Tri-State Generation & Transmi	10000	40000	84	9	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-	-	-	-	-	114	0	0
1822	Pyramid GT4	Tri-State Generation & Transmi	10000	40000	84	9	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-	-	-	-	-	114	0	0
1823	DeMoss Petrie GT2	Tri-State Generation & Transmi	10000	75000	82	10	2.3	XNGS5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	101	0	0
1824	Irvinton ST1	Tucson Electric Power Company	9864	81000	82	10	2.3	XNGS5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	101	0	0
1825	Irvinton ST2	Tucson Electric Power Company	10182	81000	82	10	2.3	XNGS5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	101	0	0
1826	Irvinton ST3	Tucson Electric Power Company	10822	105000	82	10	2.3	XNGS5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	92	0	0
1827	Irvinton ST4	Tucson Electric Power Company	10219	156000	82	10	2.3	XNGS5SFOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	98	0	0
1828	Irvinton GT1	Tucson Electric Power Company	15000	24000	82	10	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	67	0	0
1829	Irvinton GT2	Tucson Electric Power Company	15000	24000	82	10	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	67	0	0
1830	North Loop GT1	Tucson Electric Power Company	15000	25000	82	10	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	67	0	0
1831	North Loop GT2	Tucson Electric Power Company	15000	25000	82	10	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	67	0	0
1832	North Loop GT3	Tucson Electric Power Company	15000	25000	82	10	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	67	0	0
1833	North Loop GT5	Tucson Electric Power Company	10000	21000	8																												

Number	Name	Utility	Maxium Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1783	Russell D Smith 1	Tacoma Department of Public Ut			FALSE						
1784	Steam Plant No 2 AB1	Tacoma Department of Public Ut			FALSE						
1785	Steam Plant No 2 AB2	Tacoma Department of Public Ut			FALSE						
1786	Tacoma Landfill	Tacoma Department of Public Ut			FALSE						
1787	Summer Falls 1-2	Tacoma Department of Public Ut			FALSE						
1788	Wynoochee 1	Tacoma Department of Public Ut			FALSE						
1789	Bighorn 1-2	TransAlta Utilities Corporatio			FALSE						
1790	Bow Hydro System 1-2	TransAlta Utilities Corporatio			FALSE						
1791	Brazos 1-2	TransAlta Utilities Corporatio			FALSE						
1792	Keephills ST1	TransAlta Utilities Corporatio			FALSE						
1793	Keephills ST2	TransAlta Utilities Corporatio			FALSE						
1794	Keephills Upgrade	TransAlta Utilities Corporatio			FALSE						
1795	Nonutiliy Hydro 6	TransAlta Utilities Corporatio			FALSE						
1796	Sundance ST1	TransAlta Utilities Corporatio			FALSE						
1797	Sundance ST2	TransAlta Utilities Corporatio			FALSE						
1798	Sundance ST3	TransAlta Utilities Corporatio			FALSE						
1799	Sundance ST4	TransAlta Utilities Corporatio			FALSE						
1800	Sundance ST5	TransAlta Utilities Corporatio			FALSE						
1801	Sundance ST6	TransAlta Utilities Corporatio			FALSE						
1802	Wahaman ST4	TransAlta Utilities Corporatio			FALSE						
1803	Drayton Valley (Weverhaeuser)	TransAlta Utilities Corporatio			FALSE						
1804	Whitecourt Power	TransAlta Utilities Corporatio			FALSE						
1805	Trinidad ST3	TransAlta Utilities Corporatio			FALSE						
1806	Trinidad ST4	Trinidad CO, City of			FALSE						
1807	Blue Valley Hydro 1-2	Tri-State Generation & Transmi			FALSE						
1808	Brighton GT1	Tri-State Generation & Transmi			FALSE						
1809	Brighton GT2	Tri-State Generation & Transmi			FALSE						
1810	Craig ST1	Tri-State Generation & Transmi			FALSE						
1811	Craig ST2	Tri-State Generation & Transmi			FALSE						
1812	Craig ST3	Tri-State Generation & Transmi			FALSE						
1813	Limon GT1	Tri-State Generation & Transmi			FALSE						
1814	Limon GT2	Tri-State Generation & Transmi			FALSE						
1815	Nucla ST1	Tri-State Generation & Transmi			FALSE						
1816	Nucla ST2	Tri-State Generation & Transmi			FALSE						
1817	Nucla ST3	Tri-State Generation & Transmi			FALSE						
1818	Nucla ST4	Tri-State Generation & Transmi			FALSE						
1819	Pyramid GT1	Tri-State Generation & Transmi			FALSE						
1820	Pyramid GT2	Tri-State Generation & Transmi			FALSE						
1821	Pyramid GT3	Tri-State Generation & Transmi			FALSE						
1822	Pyramid GT4	Tri-State Generation & Transmi			FALSE						
1823	DeMoss Petrie GT2	Tri-State Generation & Transmi			FALSE						
1824	Irvington ST1	Tucson Electric Power Company			FALSE						
1825	Irvington ST2	Tucson Electric Power Company			FALSE						
1826	Irvington ST3	Tucson Electric Power Company			FALSE						
1827	Irvington ST4	Tucson Electric Power Company			FALSE						
1828	Irvington GT1	Tucson Electric Power Company			FALSE						
1829	Irvington GT2	Tucson Electric Power Company			FALSE						
1830	North Loop GT1	Tucson Electric Power Company			FALSE						
1831	North Loop GT2	Tucson Electric Power Company			FALSE						
1832	North Loop GT3	Tucson Electric Power Company			FALSE						
1833	North Loop GT5	Tucson Electric Power Company			FALSE						
1834	Springerville ST1	Tucson Electric Power Company			FALSE						
1835	Springerville ST2	Tucson Electric Power Company			FALSE						
1836	Almond CC	Turlock Irrigation District -			FALSE	G0016		ALMOND			
1837	Don Pedro 1	Turlock Irrigation District -			FALSE	H0144		DON PEDRO			
1838	Don Pedro 2	Turlock Irrigation District -			FALSE	H0144		DON PEDRO			
1839	Don Pedro 3	Turlock Irrigation District -			FALSE	H0144		DON PEDRO			
1840	Don Pedro 4	Turlock Irrigation District -			FALSE	H0144		DON PEDRO			
1841	Hickman 1	Turlock Irrigation District -			FALSE	H0234		HICKMAN			
1842	Hickman 2	Turlock Irrigation District -			FALSE	H0234		HICKMAN			
1843	La Grange 1	Turlock Irrigation District -			FALSE	H0276		LA GRANGE			
1844	La Grange 2	Turlock Irrigation District -			FALSE	H0276		LA GRANGE			
1845	Turlock Lake 1	Turlock Irrigation District -			FALSE	H0530		TURLOCK LAKE			
1846	Turlock Lake 2	Turlock Irrigation District -			FALSE	H0530		TURLOCK LAKE			
1847	Turlock Lake 3	Turlock Irrigation District -			FALSE	H0530		TURLOCK LAKE			
1848	Upper Dawson 1	Turlock Irrigation District -			FALSE	H0535		UPPER DAWSON			
1849	Walnut GT1	Turlock Irrigation District -			FALSE	G0662		WALNUT			
1850	Walnut GT2	Turlock Irrigation District -			FALSE	G0662		WALNUT			
1851	Lake Mendocino 1	Ukiah CA, City of			FALSE	H0283		LAKE MENDOCINO			
1852	Lake Mendocino 2	Ukiah CA, City of			FALSE	H0283		LAKE MENDOCINO			
1853	Albani Falls 1	US Army Corps of Engineers			FALSE						
1854	Albani Falls 2	US Army Corps of Engineers			FALSE						
1855	Albani Falls 3	US Army Corps of Engineers			FALSE						
1856	Big Chiff 1	US Army Corps of Engineers			FALSE						
1857	Bonneville 1	US Army Corps of Engineers			FALSE						
1858	Bonneville 10	US Army Corps of Engineers			FALSE						
1859	Bonneville 11	US Army Corps of Engineers			FALSE						
1860	Bonneville 12	US Army Corps of Engineers			FALSE						
1861	Bonneville 13	US Army Corps of Engineers			FALSE						
1862	Bonneville 14	US Army Corps of Engineers			FALSE						
1863	Bonneville 15	US Army Corps of Engineers			FALSE						
1864	Bonneville 16	US Army Corps of Engineers			FALSE						
1865	Bonneville 17	US Army Corps of Engineers			FALSE						
1866	Bonneville 18	US Army Corps of Engineers			FALSE						
1867	Bonneville 2	US Army Corps of Engineers			FALSE						
1868	Bonneville 3	US Army Corps of Engineers			FALSE						
1869	Bonneville 4	US Army Corps of Engineers			FALSE						
1870	Bonneville 5	US Army Corps of Engineers			FALSE						
1871	Bonneville 6	US Army Corps of Engineers			FALSE						
1872	Bonneville 7	US Army Corps of Engineers			FALSE						
1873	Bonneville 8	US Army Corps of Engineers			FALSE						
1874	Bonneville 9	US Army Corps of Engineers			FALSE						
1875	Bonneville F1	US Army Corps of Engineers			FALSE						
1876	Bonneville F2	US Army Corps of Engineers			FALSE						
1877	Chief Joseph 1	US Army Corps of Engineers			FALSE						
1878	Chief Joseph 10	US Army Corps of Engineers			FALSE						
1879	Chief Joseph 11	US Army Corps of Engineers			FALSE						
1880	Chief Joseph 12	US Army Corps of Engineers			FALSE						
1881	Chief Joseph 13	US Army Corps of Engineers			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1783	Russell D Smith 1	Tacoma Department of Public Ut								0
1784	Steam Plant No 2 AB1	Tacoma Department of Public Ut								0
1785	Steam Plant No 2 AB2	Tacoma Department of Public Ut								0
1786	Tacoma Landfill	Tacoma Department of Public Ut								0
1787	Summer Falls 1-2	Tacoma Department of Public Ut								0
1788	Wynoochee 1	Tacoma Department of Public Ut								0
1789	Bighorn 1-2	TransAlta Utilities Corporatio								0
1790	Bow Hydro System 1-2	TransAlta Utilities Corporatio								0
1791	Brazos 1-2	TransAlta Utilities Corporatio								0
1792	Keephills ST1	TransAlta Utilities Corporatio								0
1793	Keephills ST2	TransAlta Utilities Corporatio								0
1794	Keephills Upgrade	TransAlta Utilities Corporatio								0
1795	Nomtilly Hydro 6	TransAlta Utilities Corporatio								0
1796	Sundance ST1	TransAlta Utilities Corporatio								0
1797	Sundance ST2	TransAlta Utilities Corporatio								0
1798	Sundance ST3	TransAlta Utilities Corporatio								0
1799	Sundance ST4	TransAlta Utilities Corporatio								0
1800	Sundance ST5	TransAlta Utilities Corporatio								0
1801	Sundance ST6	TransAlta Utilities Corporatio								0
1802	Wahaman ST4	TransAlta Utilities Corporatio								0
1803	Drayton Valley (Weverhaeuser)	TransAlta Utilities Corporatio								0
1804	Whitecourt Power	TransAlta Utilities Corporatio								0
1805	Trinidad ST3									0
1806	Trinidad ST4	Trinidad CO, City of								0
1807	Blue Valley Hydro 1-2	Tri-State Generation & Transmi								0
1808	Brighton GT1									0
1809	Brighton GT2									0
1810	Craig ST1	Tri-State Generation & Transmi								0
1811	Craig ST2	Tri-State Generation & Transmi								0
1812	Craig ST3	Tri-State Generation & Transmi								0
1813	Limon GT1									0
1814	Limon GT2									0
1815	Nacla ST1	Tri-State Generation & Transmi								0
1816	Nacla ST2	Tri-State Generation & Transmi								0
1817	Nacla ST3	Tri-State Generation & Transmi								0
1818	Nacla ST4	Tri-State Generation & Transmi								0
1819	Pyramid GT1									0
1820	Pyramid GT2									0
1821	Pyramid GT3									0
1822	Pyramid GT4									0
1823	DeMoss Petrie GT2									0
1824	Irvington ST1	Tucson Electric Power Company								0
1825	Irvington ST2	Tucson Electric Power Company								0
1826	Irvington ST3	Tucson Electric Power Company								0
1827	Irvington ST4	Tucson Electric Power Company								0
1828	Irvington GT1	Tucson Electric Power Company								0
1829	Irvington GT2	Tucson Electric Power Company								0
1830	North Loop GT1	Tucson Electric Power Company								0
1831	North Loop GT2	Tucson Electric Power Company								0
1832	North Loop GT3	Tucson Electric Power Company								0
1833	North Loop GT5	Tucson Electric Power Company								0
1834	Springerville ST1	Tucson Electric Power Company								0
1835	Springerville ST2	Tucson Electric Power Company								0
1836	Almond CC	Turlock Irrigation District -	STANISLAUS		4500 CROWS LANDING ROAD	NATURAL GAS	OIL GAS	COMBINED CYCLE	NO	0
1837	Don Pedro 1	Turlock Irrigation District -	TUOLUMNE		21 BONDS FLAT RD	HYDRO	HYDRO	HYDRO WATER	NO	0
1838	Don Pedro 2	Turlock Irrigation District -	TUOLUMNE		21 BONDS FLAT RD	HYDRO	HYDRO	HYDRO WATER	NO	0
1839	Don Pedro 3	Turlock Irrigation District -	TUOLUMNE		21 BONDS FLAT RD	HYDRO	HYDRO	HYDRO WATER	NO	0
1840	Don Pedro 4	Turlock Irrigation District -	TUOLUMNE		21 BONDS FLAT RD	HYDRO	HYDRO	HYDRO WATER	NO	0
1841	Hickman 1	Turlock Irrigation District -	STANISLAUS		779 MAIN CANAL	HYDRO	HYDRO	HYDRO WATER	NO	0
1842	Hickman 2	Turlock Irrigation District -	STANISLAUS		779 MAIN CANAL	HYDRO	HYDRO	HYDRO WATER	NO	0
1843	La Grange 1	Turlock Irrigation District -	STANISLAUS		1249 LA GRANGE DAM ROAD	HYDRO	HYDRO	HYDRO WATER	NO	0
1844	La Grange 2	Turlock Irrigation District -	STANISLAUS		1249 LA GRANGE DAM ROAD	HYDRO	HYDRO	HYDRO WATER	NO	0
1845	Turlock Lake 1	Turlock Irrigation District -	STANISLAUS		21642 DAVIS ROAD	HYDRO	HYDRO	HYDRO WATER	NO	0
1846	Turlock Lake 2	Turlock Irrigation District -	STANISLAUS		21642 DAVIS ROAD	HYDRO	HYDRO	HYDRO WATER	NO	0
1847	Turlock Lake 3	Turlock Irrigation District -	STANISLAUS		21642 DAVIS ROAD	HYDRO	HYDRO	HYDRO WATER	NO	0
1848	Upper Dawson 1	Turlock Irrigation District -	TUOLUMNE		707 LA GRANGE DAM ROAD	HYDRO	HYDRO	HYDRO WATER	NO	0
1849	Walnut GT1	Turlock Irrigation District -	STANISLAUS		325 WASHINGTON AVE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1850	Walnut GT2	Turlock Irrigation District -	STANISLAUS		325 WASHINGTON AVE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
1851	Lake Mendocino 1	Ukiah CA, City of	MENDOCINO		3000 LAKE MENDOCINO DR	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
1852	Lake Mendocino 2	Ukiah CA, City of	MENDOCINO		3000 LAKE MENDOCINO DR	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
1853	Albani Falls 1	US Army Corps of Engineers								0
1854	Albani Falls 2	US Army Corps of Engineers								0
1855	Albani Falls 3	US Army Corps of Engineers								0
1856	Big Chiff 1	US Army Corps of Engineers								0
1857	Bonneville 1	US Army Corps of Engineers								0
1858	Bonneville 10	US Army Corps of Engineers								0
1859	Bonneville 11	US Army Corps of Engineers								0
1860	Bonneville 12	US Army Corps of Engineers								0
1861	Bonneville 13	US Army Corps of Engineers								0
1862	Bonneville 14	US Army Corps of Engineers								0
1863	Bonneville 15	US Army Corps of Engineers								0
1864	Bonneville 16	US Army Corps of Engineers								0
1865	Bonneville 17	US Army Corps of Engineers								0
1866	Bonneville 18	US Army Corps of Engineers								0
1867	Bonneville 2	US Army Corps of Engineers								0
1868	Bonneville 3	US Army Corps of Engineers								0
1869	Bonneville 4	US Army Corps of Engineers								0
1870	Bonneville 5	US Army Corps of Engineers								0
1871	Bonneville 6	US Army Corps of Engineers								0
1872	Bonneville 7	US Army Corps of Engineers								0
1873	Bonneville 8	US Army Corps of Engineers								0
1874	Bonneville 9	US Army Corps of Engineers								0
1875	Bonneville F1	US Army Corps of Engineers								0
1876	Bonneville F2	US Army Corps of Engineers								0
1877	Chief Joseph 1	US Army Corps of Engineers								0
1878	Chief Joseph 10	US Army Corps of Engineers								0
1879	Chief Joseph 11	US Army Corps of Engineers								0
1880	Chief Joseph 12	US Army Corps of Engineers								0
1881	Chief Joseph 13	US Army Corps of Engineers								0





Number	Name	Utility	Maximum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1882	Chief Joseph 14	US Army Corps of Engineers			FALSE						
1883	Chief Joseph 15	US Army Corps of Engineers			FALSE						
1884	Chief Joseph 16	US Army Corps of Engineers			FALSE						
1885	Chief Joseph 17	US Army Corps of Engineers			FALSE						
1886	Chief Joseph 18	US Army Corps of Engineers			FALSE						
1887	Chief Joseph 19	US Army Corps of Engineers			FALSE						
1888	Chief Joseph 2	US Army Corps of Engineers			FALSE						
1889	Chief Joseph 20	US Army Corps of Engineers			FALSE						
1890	Chief Joseph 21	US Army Corps of Engineers			FALSE						
1891	Chief Joseph 22	US Army Corps of Engineers			FALSE						
1892	Chief Joseph 23	US Army Corps of Engineers			FALSE						
1893	Chief Joseph 24	US Army Corps of Engineers			FALSE						
1894	Chief Joseph 25	US Army Corps of Engineers			FALSE						
1895	Chief Joseph 26	US Army Corps of Engineers			FALSE						
1896	Chief Joseph 27	US Army Corps of Engineers			FALSE						
1897	Chief Joseph 3	US Army Corps of Engineers			FALSE						
1898	Chief Joseph 4	US Army Corps of Engineers			FALSE						
1899	Chief Joseph 5	US Army Corps of Engineers			FALSE						
1900	Chief Joseph 6	US Army Corps of Engineers			FALSE						
1901	Chief Joseph 7	US Army Corps of Engineers			FALSE						
1902	Chief Joseph 8	US Army Corps of Engineers			FALSE						
1903	Chief Joseph 9	US Army Corps of Engineers			FALSE						
1904	Cougar 1	US Army Corps of Engineers			FALSE						
1905	Cougar 2	US Army Corps of Engineers			FALSE						
1906	Detroit 1	US Army Corps of Engineers			FALSE						
1907	Detroit 2	US Army Corps of Engineers			FALSE						
1908	Dexter 1	US Army Corps of Engineers			FALSE						
1909	Dworshak 1	US Army Corps of Engineers			FALSE						
1910	Dworshak 2	US Army Corps of Engineers			FALSE						
1911	Dworshak 3	US Army Corps of Engineers			FALSE						
1912	Foster 1	US Army Corps of Engineers			FALSE						
1913	Foster 2	US Army Corps of Engineers			FALSE						
1914	Green Peter 1	US Army Corps of Engineers			FALSE						
1915	Green Peter 2	US Army Corps of Engineers			FALSE						
1916	Hills Creek 1	US Army Corps of Engineers			FALSE						
1917	Hills Creek 2	US Army Corps of Engineers			FALSE						
1918	Ice Harbor 1	US Army Corps of Engineers			FALSE						
1919	Ice Harbor 2	US Army Corps of Engineers			FALSE						
1920	Ice Harbor 3	US Army Corps of Engineers			FALSE						
1921	Ice Harbor 4	US Army Corps of Engineers			FALSE						
1922	Ice Harbor 5	US Army Corps of Engineers			FALSE						
1923	Ice Harbor 6	US Army Corps of Engineers			FALSE						
1924	John Day 1	US Army Corps of Engineers			FALSE						
1925	John Day 10	US Army Corps of Engineers			FALSE						
1926	John Day 11	US Army Corps of Engineers			FALSE						
1927	John Day 12	US Army Corps of Engineers			FALSE						
1928	John Day 13	US Army Corps of Engineers			FALSE						
1929	John Day 14	US Army Corps of Engineers			FALSE						
1930	John Day 15	US Army Corps of Engineers			FALSE						
1931	John Day 16	US Army Corps of Engineers			FALSE						
1932	John Day 2	US Army Corps of Engineers			FALSE						
1933	John Day 3	US Army Corps of Engineers			FALSE						
1934	John Day 4	US Army Corps of Engineers			FALSE						
1935	John Day 5	US Army Corps of Engineers			FALSE						
1936	John Day 6	US Army Corps of Engineers			FALSE						
1937	John Day 7	US Army Corps of Engineers			FALSE						
1938	John Day 8	US Army Corps of Engineers			FALSE						
1939	John Day 9	US Army Corps of Engineers			FALSE						
1940	Libby 1 USACE	US Army Corps of Engineers			FALSE						
1941	Libby 2 USACE	US Army Corps of Engineers			FALSE						
1942	Libby 3	US Army Corps of Engineers			FALSE						
1943	Libby 4	US Army Corps of Engineers			FALSE						
1944	Libby 5	US Army Corps of Engineers			FALSE						
1945	Little Goose 1	US Army Corps of Engineers			FALSE						
1946	Little Goose 2	US Army Corps of Engineers			FALSE						
1947	Little Goose 3	US Army Corps of Engineers			FALSE						
1948	Little Goose 4	US Army Corps of Engineers			FALSE						
1949	Little Goose 5	US Army Corps of Engineers			FALSE						
1950	Little Goose 6	US Army Corps of Engineers			FALSE						
1951	Lookout Point 1	US Army Corps of Engineers			FALSE						
1952	Lookout Point 2	US Army Corps of Engineers			FALSE						
1953	Lookout Point 3	US Army Corps of Engineers			FALSE						
1954	Lost Creek 1	US Army Corps of Engineers			FALSE						
1955	Lost Creek 2	US Army Corps of Engineers			FALSE						
1956	Lower Granite 1	US Army Corps of Engineers			FALSE						
1957	Lower Granite 2	US Army Corps of Engineers			FALSE						
1958	Lower Granite 3	US Army Corps of Engineers			FALSE						
1959	Lower Granite 4	US Army Corps of Engineers			FALSE						
1960	Lower Granite 5	US Army Corps of Engineers			FALSE						
1961	Lower Granite 6	US Army Corps of Engineers			FALSE						
1962	Lower Monumental 1	US Army Corps of Engineers			FALSE						
1963	Lower Monumental 2	US Army Corps of Engineers			FALSE						
1964	Lower Monumental 3	US Army Corps of Engineers			FALSE						
1965	Lower Monumental 4	US Army Corps of Engineers			FALSE						
1966	Lower Monumental 5	US Army Corps of Engineers			FALSE						
1967	Lower Monumental 6	US Army Corps of Engineers			FALSE						
1968	McNary 1	US Army Corps of Engineers			FALSE						
1969	McNary 10	US Army Corps of Engineers			FALSE						
1970	McNary 11	US Army Corps of Engineers			FALSE						
1971	McNary 12	US Army Corps of Engineers			FALSE						
1972	McNary 13	US Army Corps of Engineers			FALSE						
1973	McNary 14	US Army Corps of Engineers			FALSE						
1974	McNary 2	US Army Corps of Engineers			FALSE						
1975	McNary 3	US Army Corps of Engineers			FALSE						
1976	McNary 4	US Army Corps of Engineers			FALSE						
1977	McNary 5	US Army Corps of Engineers			FALSE						
1978	McNary 6	US Army Corps of Engineers			FALSE						
1979	McNary 7	US Army Corps of Engineers			FALSE						
1980	McNary 8	US Army Corps of Engineers			FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1882	Chief Joseph 14	US Army Corps of Engineers								0
1883	Chief Joseph 15	US Army Corps of Engineers								0
1884	Chief Joseph 16	US Army Corps of Engineers								0
1885	Chief Joseph 17	US Army Corps of Engineers								0
1886	Chief Joseph 18	US Army Corps of Engineers								0
1887	Chief Joseph 19	US Army Corps of Engineers								0
1888	Chief Joseph 2	US Army Corps of Engineers								0
1889	Chief Joseph 20	US Army Corps of Engineers								0
1890	Chief Joseph 21	US Army Corps of Engineers								0
1891	Chief Joseph 22	US Army Corps of Engineers								0
1892	Chief Joseph 23	US Army Corps of Engineers								0
1893	Chief Joseph 24	US Army Corps of Engineers								0
1894	Chief Joseph 25	US Army Corps of Engineers								0
1895	Chief Joseph 26	US Army Corps of Engineers								0
1896	Chief Joseph 27	US Army Corps of Engineers								0
1897	Chief Joseph 3	US Army Corps of Engineers								0
1898	Chief Joseph 4	US Army Corps of Engineers								0
1899	Chief Joseph 5	US Army Corps of Engineers								0
1900	Chief Joseph 6	US Army Corps of Engineers								0
1901	Chief Joseph 7	US Army Corps of Engineers								0
1902	Chief Joseph 8	US Army Corps of Engineers								0
1903	Chief Joseph 9	US Army Corps of Engineers								0
1904	Cougar 1	US Army Corps of Engineers								0
1905	Cougar 2	US Army Corps of Engineers								0
1906	Detroit 1	US Army Corps of Engineers								0
1907	Detroit 2	US Army Corps of Engineers								0
1908	Dexter 1	US Army Corps of Engineers								0
1909	Dworshak 1	US Army Corps of Engineers								0
1910	Dworshak 2	US Army Corps of Engineers								0
1911	Dworshak 3	US Army Corps of Engineers								0
1912	Foster 1	US Army Corps of Engineers								0
1913	Foster 2	US Army Corps of Engineers								0
1914	Green Peter 1	US Army Corps of Engineers								0
1915	Green Peter 2	US Army Corps of Engineers								0
1916	Hills Creek 1	US Army Corps of Engineers								0
1917	Hills Creek 2	US Army Corps of Engineers								0
1918	Ice Harbor 1	US Army Corps of Engineers								0
1919	Ice Harbor 2	US Army Corps of Engineers								0
1920	Ice Harbor 3	US Army Corps of Engineers								0
1921	Ice Harbor 4	US Army Corps of Engineers								0
1922	Ice Harbor 5	US Army Corps of Engineers								0
1923	Ice Harbor 6	US Army Corps of Engineers								0
1924	John Day 1	US Army Corps of Engineers								0
1925	John Day 10	US Army Corps of Engineers								0
1926	John Day 11	US Army Corps of Engineers								0
1927	John Day 12	US Army Corps of Engineers								0
1928	John Day 13	US Army Corps of Engineers								0
1929	John Day 14	US Army Corps of Engineers								0
1930	John Day 15	US Army Corps of Engineers								0
1931	John Day 16	US Army Corps of Engineers								0
1932	John Day 2	US Army Corps of Engineers								0
1933	John Day 3	US Army Corps of Engineers								0
1934	John Day 4	US Army Corps of Engineers								0
1935	John Day 5	US Army Corps of Engineers								0
1936	John Day 6	US Army Corps of Engineers								0
1937	John Day 7	US Army Corps of Engineers								0
1938	John Day 8	US Army Corps of Engineers								0
1939	John Day 9	US Army Corps of Engineers								0
1940	Libby 1 USACE	US Army Corps of Engineers								0
1941	Libby 2 USACE	US Army Corps of Engineers								0
1942	Libby 3	US Army Corps of Engineers								0
1943	Libby 4	US Army Corps of Engineers								0
1944	Libby 5	US Army Corps of Engineers								0
1945	Little Goose 1	US Army Corps of Engineers								0
1946	Little Goose 2	US Army Corps of Engineers								0
1947	Little Goose 3	US Army Corps of Engineers								0
1948	Little Goose 4	US Army Corps of Engineers								0
1949	Little Goose 5	US Army Corps of Engineers								0
1950	Little Goose 6	US Army Corps of Engineers								0
1951	Lookout Point 1	US Army Corps of Engineers								0
1952	Lookout Point 2	US Army Corps of Engineers								0
1953	Lookout Point 3	US Army Corps of Engineers								0
1954	Lost Creek 1	US Army Corps of Engineers								0
1955	Lost Creek 2	US Army Corps of Engineers								0
1956	Lower Granite 1	US Army Corps of Engineers								0
1957	Lower Granite 2	US Army Corps of Engineers								0
1958	Lower Granite 3	US Army Corps of Engineers								0
1959	Lower Granite 4	US Army Corps of Engineers								0
1960	Lower Granite 5	US Army Corps of Engineers								0
1961	Lower Granite 6	US Army Corps of Engineers								0
1962	Lower Monumental 1	US Army Corps of Engineers								0
1963	Lower Monumental 2	US Army Corps of Engineers								0
1964	Lower Monumental 3	US Army Corps of Engineers								0
1965	Lower Monumental 4	US Army Corps of Engineers								0
1966	Lower Monumental 5	US Army Corps of Engineers								0
1967	Lower Monumental 6	US Army Corps of Engineers								0
1968	McNary 1	US Army Corps of Engineers								0
1969	McNary 10	US Army Corps of Engineers								0
1970	McNary 11	US Army Corps of Engineers								0
1971	McNary 12	US Army Corps of Engineers								0
1972	McNary 13	US Army Corps of Engineers								0
1973	McNary 14	US Army Corps of Engineers								0
1974	McNary 2	US Army Corps of Engineers								0
1975	McNary 3	US Army Corps of Engineers								0
1976	McNary 4	US Army Corps of Engineers								0
1977	McNary 5	US Army Corps of Engineers								0
1978	McNary 6	US Army Corps of Engineers								0
1979	McNary 7	US Army Corps of Engineers								0
1980	McNary 8	US Army Corps of Engineers								0



Number	Name	Utility	Maxiumm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
1981	McNary 9	US Army Corps of Engineers			FALSE						
1982	The Dalles 1	US Army Corps of Engineers			FALSE						
1983	The Dalles 10	US Army Corps of Engineers			FALSE						
1984	The Dalles 11	US Army Corps of Engineers			FALSE						
1985	The Dalles 12	US Army Corps of Engineers			FALSE						
1986	The Dalles 13	US Army Corps of Engineers			FALSE						
1987	The Dalles 14	US Army Corps of Engineers			FALSE						
1988	The Dalles 15	US Army Corps of Engineers			FALSE						
1989	The Dalles 16	US Army Corps of Engineers			FALSE						
1990	The Dalles 17	US Army Corps of Engineers			FALSE						
1991	The Dalles 18	US Army Corps of Engineers			FALSE						
1992	The Dalles 19	US Army Corps of Engineers			FALSE						
1993	The Dalles 2	US Army Corps of Engineers			FALSE						
1994	The Dalles 20	US Army Corps of Engineers			FALSE						
1995	The Dalles 21	US Army Corps of Engineers			FALSE						
1996	The Dalles 22	US Army Corps of Engineers			FALSE						
1997	The Dalles 3	US Army Corps of Engineers			FALSE						
1998	The Dalles 4	US Army Corps of Engineers			FALSE						
1999	The Dalles 5	US Army Corps of Engineers			FALSE						
2000	The Dalles 6	US Army Corps of Engineers			FALSE						
2001	The Dalles 7	US Army Corps of Engineers			FALSE						
2002	The Dalles 8	US Army Corps of Engineers			FALSE						
2003	The Dalles 9	US Army Corps of Engineers			FALSE						
2004	The Dalles F1	US Army Corps of Engineers			FALSE						
2005	The Dalles F2	US Army Corps of Engineers			FALSE						
2006	Los Alamos Unit ST1	US ERDA-Los Alamos Area Office			FALSE						
2007	Los Alamos Unit ST2	US ERDA-Los Alamos Area Office			FALSE						
2008	Los Alamos Unit ST3	US ERDA-Los Alamos Area Office			FALSE						
2009	Boulder Creek 1	USBIA-Mission Valley Power - M			FALSE						
2010	Hellroaring Hydro 1	USBIA-Mission Valley Power - M			FALSE						
2011	Hellroaring Hydro 2	USBIA-Mission Valley Power - M			FALSE						
2012	Drop 2 1 USBIA-WIP	USBIA-Wapato Irrigation Projec			FALSE						
2013	Drop 3 1 USBIA-WIP	USBIA-Wapato Irrigation Projec			FALSE						
2014	Drop 3 2 USBIA-WIP	USBIA-Wapato Irrigation Projec			FALSE						
2015	Vernon IC1	Vernon CA, City of			FALSE		G0652	VERNON			
2016	Vernon IC2	Vernon CA, City of			FALSE		G0652	VERNON			
2017	Vernon IC3	Vernon CA, City of			FALSE		G0652	VERNON			
2018	Vernon IC4	Vernon CA, City of			FALSE		G0652	VERNON			
2019	Vernon IC5	Vernon CA, City of			FALSE		G0652	VERNON			
2020	Vernon GT6	Vernon CA, City of			FALSE		G0652	VERNON			
2021	Vernon GT7	Vernon CA, City of			FALSE		G0652	VERNON			
2022	Packwood 1	Washington Public Power Supply			FALSE						
2023	WNP 2	Washington Public Power Supply			FALSE						
2024	Black Creek 1	Washington Water Power Company			FALSE						
2025	Cabinet Gorge 1	Washington Water Power Company			FALSE						
2026	Cabinet Gorge 2	Washington Water Power Company			FALSE						
2027	Cabinet Gorge 3	Washington Water Power Company			FALSE						
2028	Cabinet Gorge 4	Washington Water Power Company			FALSE						
2029	Deep Creek 1-2	Washington Water Power Company			FALSE						
2030	Derr Creek 1-5	Washington Water Power Company			FALSE						
2031	Jim Ford Creek 1-3	Washington Water Power Company			FALSE						
2032	John Day Creek 1-2	Washington Water Power Company			FALSE						
2033	Boulder Park GT1-6				FALSE						
2034	Kettle Falls	Washington Water Power Company			FALSE						
2035	Kettle Falls GT				FALSE						
2036	Northeast GT				FALSE						
2037	Little Falls 1	Washington Water Power Company			FALSE						
2038	Little Falls 2	Washington Water Power Company			FALSE						
2039	Little Falls 3	Washington Water Power Company			FALSE						
2040	Little Falls 4	Washington Water Power Company			FALSE						
2041	Long Lake 1	Washington Water Power Company			FALSE						
2042	Long Lake 2	Washington Water Power Company			FALSE						
2043	Long Lake 3	Washington Water Power Company			FALSE						
2044	Long Lake 4	Washington Water Power Company			FALSE						
2045	Meyers Falls 1	Washington Water Power Company			FALSE						
2046	Meyers Falls 2	Washington Water Power Company			FALSE						
2047	Monroe Street 6	Washington Water Power Company			FALSE						
2048	Nine Mile 1	Washington Water Power Company			FALSE						
2049	Nine Mile 2	Washington Water Power Company			FALSE						
2050	Nine Mile 3	Washington Water Power Company			FALSE						
2051	Nine Mile 4	Washington Water Power Company			FALSE						
2052	Noxon Rapids 1	Washington Water Power Company			FALSE						
2053	Noxon Rapids 2	Washington Water Power Company			FALSE						
2054	Noxon Rapids 3	Washington Water Power Company			FALSE						
2055	Noxon Rapids 4	Washington Water Power Company			FALSE						
2056	Noxon Rapids 5	Washington Water Power Company			FALSE						
2057	Phillips Ranch 1	Washington Water Power Company			FALSE						
2058	Post Falls 1	Washington Water Power Company			FALSE						
2059	Post Falls 2	Washington Water Power Company			FALSE						
2060	Post Falls 3	Washington Water Power Company			FALSE						
2061	Post Falls 4	Washington Water Power Company			FALSE						
2062	Post Falls 5	Washington Water Power Company			FALSE						
2063	Post Falls 6	Washington Water Power Company			FALSE						
2064	Potlatch 1-4	Washington Water Power Company			FALSE						
2065	Rathdrum GT1	Washington Water Power Company			FALSE						
2066	Rathdrum GT2	Washington Water Power Company			FALSE						
2067	Sheep Creek 1-2	Washington Water Power Company			FALSE						
2068	Upper Falls 1	Washington Water Power Company			FALSE						
2069	Upper 1-5	Washington Water Power Company			FALSE						
2070	Gateway 1	Weber Basin Water Conservancy			FALSE						
2071	Gateway 2	Weber Basin Water Conservancy			FALSE						
2072	Wanship 1	Weber Basin Water Conservancy			FALSE						
2073	Brilliant 1-4	West Kootenay Power Limited			FALSE						
2074	Corra Linn 1-3	West Kootenay Power Limited			FALSE						
2075	L Bonnington 1-3	West Kootenay Power Limited			FALSE						
2076	S Shocan 1-5	West Kootenay Power Limited			FALSE						
2077	U Bonnington 1-6	West Kootenay Power Limited			FALSE						
2078	Waseta 1-4	West Kootenay Power Limited			FALSE						
2079	Pueblo ST5		-1	-1	FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
1981	McNary 9	US Army Corps of Engineers								0
1982	The Dalles 1	US Army Corps of Engineers								0
1983	The Dalles 10	US Army Corps of Engineers								0
1984	The Dalles 11	US Army Corps of Engineers								0
1985	The Dalles 12	US Army Corps of Engineers								0
1986	The Dalles 13	US Army Corps of Engineers								0
1987	The Dalles 14	US Army Corps of Engineers								0
1988	The Dalles 15	US Army Corps of Engineers								0
1989	The Dalles 16	US Army Corps of Engineers								0
1990	The Dalles 17	US Army Corps of Engineers								0
1991	The Dalles 18	US Army Corps of Engineers								0
1992	The Dalles 19	US Army Corps of Engineers								0
1993	The Dalles 2	US Army Corps of Engineers								0
1994	The Dalles 20	US Army Corps of Engineers								0
1995	The Dalles 21	US Army Corps of Engineers								0
1996	The Dalles 22	US Army Corps of Engineers								0
1997	The Dalles 3	US Army Corps of Engineers								0
1998	The Dalles 4	US Army Corps of Engineers								0
1999	The Dalles 5	US Army Corps of Engineers								0
2000	The Dalles 6	US Army Corps of Engineers								0
2001	The Dalles 7	US Army Corps of Engineers								0
2002	The Dalles 8	US Army Corps of Engineers								0
2003	The Dalles 9	US Army Corps of Engineers								0
2004	The Dalles F1	US Army Corps of Engineers								0
2005	The Dalles F2	US Army Corps of Engineers								0
2006	Los Alamos Unit ST1	US ERDA-Los Alamos Area Office								0
2007	Los Alamos Unit ST2	US ERDA-Los Alamos Area Office								0
2008	Los Alamos Unit ST3	US ERDA-Los Alamos Area Office								0
2009	Boulder Creek 1	USBIA-Mission Valley Power - M								0
2010	Heliosaring Hydro 1	USBIA-Mission Valley Power - M								0
2011	Heliosaring Hydro 2	USBIA-Mission Valley Power - M								0
2012	Drop 2 1 USBIA-WIP	USBIA-Wapato Irrigation Project								0
2013	Drop 3 1 USBIA-WIP	USBIA-Wapato Irrigation Project								0
2014	Drop 3 2 USBIA-WIP	USBIA-Wapato Irrigation Project								0
2015	Vernon IC1	Vernon CA, City of	LOS ANGELES		2715 E 50TH ST	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION	NO	12055
2016	Vernon IC2	Vernon CA, City of	LOS ANGELES		2715 E 50TH ST	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION	NO	12055
2017	Vernon IC3	Vernon CA, City of	LOS ANGELES		2715 E 50TH ST	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION	NO	12055
2018	Vernon IC4	Vernon CA, City of	LOS ANGELES		2715 E 50TH ST	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION	NO	12055
2019	Vernon IC5	Vernon CA, City of	LOS ANGELES		2715 E 50TH ST	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION	NO	12055
2020	Vernon GT6	Vernon CA, City of	LOS ANGELES		2715 E 50TH ST	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION	NO	12055
2021	Vernon GT7	Vernon CA, City of	LOS ANGELES		2715 E 50TH ST	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION	NO	12055
2022	Packwood 1	Washington Water Power Supply								0
2023	WNP 2	Washington Water Power Supply								0
2024	Black Creek 1	Washington Water Power Company								0
2025	Cabinet Gorge 1	Washington Water Power Company								0
2026	Cabinet Gorge 2	Washington Water Power Company								0
2027	Cabinet Gorge 3	Washington Water Power Company								0
2028	Cabinet Gorge 4	Washington Water Power Company								0
2029	Deep Creek 1-2	Washington Water Power Company								0
2030	Derr Creek 1-5	Washington Water Power Company								0
2031	Jim Ford Creek 1-3	Washington Water Power Company								0
2032	John Day Creek 1-2	Washington Water Power Company								0
2033	Boulder Park GT1-6									0
2034	Kettle Falls	Washington Water Power Company								0
2035	Kettle Falls GT									0
2036	Northeast GT									0
2037	Little Falls 1	Washington Water Power Company								0
2038	Little Falls 2	Washington Water Power Company								0
2039	Little Falls 3	Washington Water Power Company								0
2040	Little Falls 4	Washington Water Power Company								0
2041	Long Lake 1	Washington Water Power Company								0
2042	Long Lake 2	Washington Water Power Company								0
2043	Long Lake 3	Washington Water Power Company								0
2044	Long Lake 4	Washington Water Power Company								0
2045	Meyers Falls 1	Washington Water Power Company								0
2046	Meyers Falls 2	Washington Water Power Company								0
2047	Monroe Street 6	Washington Water Power Company								0
2048	Nine Mile 1	Washington Water Power Company								0
2049	Nine Mile 2	Washington Water Power Company								0
2050	Nine Mile 3	Washington Water Power Company								0
2051	Nine Mile 4	Washington Water Power Company								0
2052	Noxon Rapids 1	Washington Water Power Company								0
2053	Noxon Rapids 2	Washington Water Power Company								0
2054	Noxon Rapids 3	Washington Water Power Company								0
2055	Noxon Rapids 4	Washington Water Power Company								0
2056	Noxon Rapids 5	Washington Water Power Company								0
2057	Phillips Ranch 1	Washington Water Power Company								0
2058	Post Falls 1	Washington Water Power Company								0
2059	Post Falls 2	Washington Water Power Company								0
2060	Post Falls 3	Washington Water Power Company								0
2061	Post Falls 4	Washington Water Power Company								0
2062	Post Falls 5	Washington Water Power Company								0
2063	Post Falls 6	Washington Water Power Company								0
2064	Putlach 1-4	Washington Water Power Company								0
2065	Rathdrum GT1	Washington Water Power Company								0
2066	Rathdrum GT2	Washington Water Power Company								0
2067	Sheep Creek 1-2	Washington Water Power Company								0
2068	Upper Falls 1	Washington Water Power Company								0
2069	Upper Falls 1-5	Washington Water Power Company								0
2070	Gateway 1	Weber Basin Water Conservancy								0
2071	Gateway 2	Weber Basin Water Conservancy								0
2072	Wanship 1	Weber Basin Water Conservancy								0
2073	Brilliant 1-4	West Kootenay Power Limited								0
2074	Corra Linn 1-3	West Kootenay Power Limited								0
2075	L Bonnington 1-3	West Kootenay Power Limited								0
2076	S Shocan 1-5	West Kootenay Power Limited								0
2077	U Bonnington 1-6	West Kootenay Power Limited								0
2078	Waseta 1-4	West Kootenay Power Limited								0
2079	Pueblo ST5									0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Main Begin	Main End	Forced Outage	Main Rate	No Cycling	Main Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity	
2080	Pueblo ST6	West Plains Energy	13700	20000	105	8	2.3	XNGST4SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	94	0	0	0
2081	Pueblo IC1	West Plains Energy	10600	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	94	0	0	0
2082	Pueblo IC2	West Plains Energy	10600	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	94	0	0	0
2083	Pueblo IC3	West Plains Energy	10600	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	94	0	0	0
2084	Pueblo IC4	West Plains Energy	10600	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	94	0	0	0
2085	Pueblo IC5	West Plains Energy	10600	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	94	0	0	0
2086	Pueblo IC6	West Plains Energy	10600	10000	105	8	1.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	40	0	6	-1	-1	-1	-1	-1	66	0	0	0
2087	Rocky Ford IC1	West Plains Energy	10700	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	93	0	0	0
2088	Rocky Ford IC2	West Plains Energy	10700	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	93	0	0	0
2089	Rocky Ford IC3	West Plains Energy	10700	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	93	0	0	0
2090	Rocky Ford IC4	West Plains Energy	10700	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	93	0	0	0
2091	Rocky Ford IC5	West Plains Energy	10700	2000	42	8	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	93	0	0	0
2092	W N Clark 1	West Plains Energy	13100	17000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	153	0	0	0
2093	W N Clark 2	West Plains Energy	13600	24000	36	8	1.9	XCLST5SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	158	0	0	0
2094	Warm Spgs Dam 1	Western Area Power Administrat	0	1000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Mar-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
2095	Colgate 1	Yuba County Water Agency - CA	0	170000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
2096	Colgate 2	Yuba County Water Agency - CA	0	170000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
2097	Deadwood Creek 1	Yuba County Water Agency - CA	0	2000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
2098	Fish Power 1	Yuba County Water Agency - CA	0	150	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
2099	Narrows 2 1	Yuba County Water Agency - CA	0	55000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	0
2100	Demand Side Curtailment Area1 90	na	10000	4000000	11	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2101	Demand Side Curtailment Area1 120	na	10000	8000000	12	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2102	Demand Side Curtailment Area1 150	na	10000	8000000	13	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2103	Demand Side Curtailment Area1 200	na	10000	8000000	14	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2104	Demand Side Curtailment Area1 400	na	10000	8000000	15	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2105	Demand Side Curtailment Area2 90	na	10000	10000000	11	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2106	Demand Side Curtailment Area2 120	na	10000	3600000	12	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2107	Demand Side Curtailment Area2 150	na	10000	3600000	13	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2108	Demand Side Curtailment Area2 200	na	10000	3600000	14	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2109	Demand Side Curtailment Area2 400	na	10000	3600000	15	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2110	Demand Side Curtailment Area2 900	na	10000	100000000	16	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2111	Demand Side Curtailment Area2 NDCURT	na	10000	2400000	11	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2112	Demand Side Curtailment Area3 90	na	10000	4800000	12	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2113	Demand Side Curtailment Area3 120	na	10000	4800000	13	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2114	Demand Side Curtailment Area3 150	na	10000	4800000	14	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2115	Demand Side Curtailment Area3 200	na	10000	4800000	15	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2116	Demand Side Curtailment Area3 400	na	10000	4800000	16	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2117	Demand Side Curtailment Area3 NDCURT	na	10000	2800000	11	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2118	Demand Side Curtailment Area4 90	na	10000	2800000	11	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2119	Demand Side Curtailment Area4 120	na	10000	5600000	12	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	0
2120	Demand Side Curtailment Area4 150	na	10000	5600000	13	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	0	0	0	

Number	Name	Utility	Max/min Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2080	Pueblo ST6	West Plains Energy			FALSE						
2081	Pueblo IC1	West Plains Energy			FALSE						
2082	Pueblo IC2	West Plains Energy			FALSE						
2083	Pueblo IC3	West Plains Energy			FALSE						
2084	Pueblo IC4	West Plains Energy			FALSE						
2085	Pueblo IC5	West Plains Energy			FALSE						
2086	Pueblo IC6	West Plains Energy			FALSE						
2087	Rocky Ford IC1	West Plains Energy			FALSE						
2088	Rocky Ford IC2	West Plains Energy			FALSE						
2089	Rocky Ford IC3	West Plains Energy			FALSE						
2090	Rocky Ford IC4	West Plains Energy			FALSE						
2091	Rocky Ford IC5	West Plains Energy			FALSE						
2092	W N Clark 1	West Plains Energy			FALSE						
2093	W N Clark 2	West Plains Energy			FALSE						
2094	Warm Spgs Dam 1	Western Area Power Administrat			FALSE		H0485	SONOMA COUNTY WATER AGENCY	WARM SPRINGS DAM		
2095	Colgate 1	Yuba County Water Agency - CA			FALSE		H0352	COLGATE			
2096	Colgate 2	Yuba County Water Agency - CA			FALSE		H0352	COLGATE			
2097	Deadwood Creek 1	Yuba County Water Agency - CA			FALSE		H0362	YUBA COUNTY WATER	CHALLENGE or DEADWOOD CREEK		
2098	Fish Power 1	Yuba County Water Agency - CA			FALSE		H0053	YUBA COUNTY WATER AGENCY	BULLARDS BAR or FISH POWER		
2099	Narrows 2 1	Yuba County Water Agency - CA			FALSE		H0354	NEW NARROWS			
2100	Demand Side Curtailment Area1 90	na			FALSE						
2101	Demand Side Curtailment Area1 120	na			FALSE						
2102	Demand Side Curtailment Area1 150	na			FALSE						
2103	Demand Side Curtailment Area1 200	na			FALSE						
2104	Demand Side Curtailment Area1 400	na			FALSE						
2105	Demand Side Curtailment Area1 NDCurt	na			FALSE						
2106	Demand Side Curtailment Area2 90	na			FALSE						
2107	Demand Side Curtailment Area2 120	na			FALSE						
2108	Demand Side Curtailment Area2 150	na			FALSE						
2109	Demand Side Curtailment Area2 200	na			FALSE						
2110	Demand Side Curtailment Area2 400	na			FALSE						
2111	Demand Side Curtailment Area2 NDCurt	na			FALSE						
2112	Demand Side Curtailment Area3 90	na			FALSE						
2113	Demand Side Curtailment Area3 120	na			FALSE						
2114	Demand Side Curtailment Area3 150	na			FALSE						
2115	Demand Side Curtailment Area3 200	na			FALSE						
2116	Demand Side Curtailment Area3 400	na			FALSE						
2117	Demand Side Curtailment Area3 NDCurt	na			FALSE						
2118	Demand Side Curtailment Area4 90	na			FALSE						
2119	Demand Side Curtailment Area4 120	na			FALSE						
2120	Demand Side Curtailment Area4 150	na			FALSE						
2121	Demand Side Curtailment Area4 200	na			FALSE						
2122	Demand Side Curtailment Area4 400	na			FALSE						
2123	Demand Side Curtailment Area4 NDCurt	na			FALSE						
2124	Demand Side Curtailment Area5 90	na			FALSE						
2125	Demand Side Curtailment Area5 120	na			FALSE						
2126	Demand Side Curtailment Area5 150	na			FALSE						
2127	Demand Side Curtailment Area5 200	na			FALSE						
2128	Demand Side Curtailment Area5 400	na			FALSE						
2129	Demand Side Curtailment Area5 NDCurt	na			FALSE						
2130	Demand Side Curtailment Area6 90	na			FALSE						
2131	Demand Side Curtailment Area6 120	na			FALSE						
2132	Demand Side Curtailment Area6 150	na			FALSE						
2133	Demand Side Curtailment Area6 200	na			FALSE						
2134	Demand Side Curtailment Area6 400	na			FALSE						
2135	Demand Side Curtailment Area6 NDCurt	na			FALSE						
2136	Demand Side Curtailment Area7 90	na			FALSE						
2137	Demand Side Curtailment Area7 120	na			FALSE						
2138	Demand Side Curtailment Area7 150	na			FALSE						
2139	Demand Side Curtailment Area7 200	na			FALSE						
2140	Demand Side Curtailment Area7 400	na			FALSE						
2141	Demand Side Curtailment Area7 NDCurt	na			FALSE						
2142	Demand Side Curtailment Area8 90	na			FALSE						
2143	Demand Side Curtailment Area8 120	na			FALSE						
2144	Demand Side Curtailment Area8 150	na			FALSE						
2145	Demand Side Curtailment Area8 200	na			FALSE						
2146	Demand Side Curtailment Area8 400	na			FALSE						
2147	Demand Side Curtailment Area8 NDCurt	na			FALSE						
2148	Demand Side Curtailment Area9 90	na			FALSE						
2149	Demand Side Curtailment Area9 120	na			FALSE						
2150	Demand Side Curtailment Area9 150	na			FALSE						
2151	Demand Side Curtailment Area9 200	na			FALSE						
2152	Demand Side Curtailment Area9 400	na			FALSE						
2153	Demand Side Curtailment Area9 NDCurt	na			FALSE						
2154	Demand Side Curtailment Area10 90	na			FALSE						
2155	Demand Side Curtailment Area10 120	na			FALSE						
2156	Demand Side Curtailment Area10 150	na			FALSE						
2157	Demand Side Curtailment Area10 200	na			FALSE						
2158	Demand Side Curtailment Area10 400	na			FALSE						
2159	Demand Side Curtailment Area10 NDCurt	na			FALSE						
2160	Demand Side Curtailment Area11 90	na			FALSE						
2161	Demand Side Curtailment Area11 120	na			FALSE						
2162	Demand Side Curtailment Area11 150	na			FALSE						
2163	Demand Side Curtailment Area11 200	na			FALSE						
2164	Demand Side Curtailment Area11 400	na			FALSE						
2165	Demand Side Curtailment Area11 NDCurt	na			FALSE						
2166	Demand Side Curtailment Area12 90	na			FALSE						
2167	Demand Side Curtailment Area12 120	na			FALSE						
2168	Demand Side Curtailment Area12 150	na			FALSE						
2169	Demand Side Curtailment Area12 200	na			FALSE						
2170	Demand Side Curtailment Area12 400	na			FALSE						
2171	Demand Side Curtailment Area12 NDCurt	na			FALSE						
2172	Demand Side Curtailment Area13 90	na			FALSE						
2173	Demand Side Curtailment Area13 120	na			FALSE						
2174	Demand Side Curtailment Area13 150	na			FALSE						
2175	Demand Side Curtailment Area13 200	na			FALSE						
2176	Demand Side Curtailment Area13 400	na			FALSE						
2177	Demand Side Curtailment Area13 NDCurt	na			FALSE						
2178	Syncrude Aurora GTCG	Syncrude			FALSE						



Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2080	Pueblo ST6	West Plains Energy								0
2081	Pueblo IC1	West Plains Energy								0
2082	Pueblo IC2	West Plains Energy								0
2083	Pueblo IC3	West Plains Energy								0
2084	Pueblo IC4	West Plains Energy								0
2085	Pueblo IC5	West Plains Energy								0
2086	Pueblo IC6	West Plains Energy								0
2087	Rocky Ford IC1	West Plains Energy								0
2088	Rocky Ford IC2	West Plains Energy								0
2089	Rocky Ford IC3	West Plains Energy								0
2090	Rocky Ford IC4	West Plains Energy								0
2091	Rocky Ford IC5	West Plains Energy								0
2092	W N Clark 1	West Plains Energy								0
2093	W N Clark 2	West Plains Energy								0
2094	Warm Spgs Dam 1	Western Area Power Administrat	SONOMA		3333 SKAGGS SPRING ROAD	HYDRO	HYDRO		NO	0
2095	Colgate 1	Yuba County Water Agency - CA	YUBA			HYDRO	HYDRO	HYDRO, WATER	NO	0
2096	Colgate 2	Yuba County Water Agency - CA	YUBA			HYDRO	HYDRO	HYDRO, WATER	NO	0
2097	Deadwood Creek 1	Yuba County Water Agency - CA	YUBA			HYDRO	HYDRO	HYDRO	NO	0
2098	Fish Power 1	Yuba County Water Agency - CA	YUBA			HYDRO	HYDRO	HYDRO, WATER	NO	0
2099	Narrows 2 1	Yuba County Water Agency - CA	YUBA			HYDRO	HYDRO		NO	0
2100	Demand Side Curtailment Area1 90	na								0
2101	Demand Side Curtailment Area1 120	na								0
2102	Demand Side Curtailment Area1 150	na								0
2103	Demand Side Curtailment Area1 200	na								0
2104	Demand Side Curtailment Area1 400	na								0
2105	Demand Side Curtailment Area1 NDCurt	na								0
2106	Demand Side Curtailment Area2 90	na								0
2107	Demand Side Curtailment Area2 120	na								0
2108	Demand Side Curtailment Area2 150	na								0
2109	Demand Side Curtailment Area2 200	na								0
2110	Demand Side Curtailment Area2 400	na								0
2111	Demand Side Curtailment Area2 NDCurt	na								0
2112	Demand Side Curtailment Area3 90	na								0
2113	Demand Side Curtailment Area3 120	na								0
2114	Demand Side Curtailment Area3 150	na								0
2115	Demand Side Curtailment Area3 200	na								0
2116	Demand Side Curtailment Area3 400	na								0
2117	Demand Side Curtailment Area3 NDCurt	na								0
2118	Demand Side Curtailment Area4 90	na								0
2119	Demand Side Curtailment Area4 120	na								0
2120	Demand Side Curtailment Area4 150	na								0
2121	Demand Side Curtailment Area4 200	na								0
2122	Demand Side Curtailment Area4 400	na								0
2123	Demand Side Curtailment Area4 NDCurt	na								0
2124	Demand Side Curtailment Area5 90	na								0
2125	Demand Side Curtailment Area5 120	na								0
2126	Demand Side Curtailment Area5 150	na								0
2127	Demand Side Curtailment Area5 200	na								0
2128	Demand Side Curtailment Area5 400	na								0
2129	Demand Side Curtailment Area5 NDCurt	na								0
2130	Demand Side Curtailment Area6 90	na								0
2131	Demand Side Curtailment Area6 120	na								0
2132	Demand Side Curtailment Area6 150	na								0
2133	Demand Side Curtailment Area6 200	na								0
2134	Demand Side Curtailment Area6 400	na								0
2135	Demand Side Curtailment Area6 NDCurt	na								0
2136	Demand Side Curtailment Area7 90	na								0
2137	Demand Side Curtailment Area7 120	na								0
2138	Demand Side Curtailment Area7 150	na								0
2139	Demand Side Curtailment Area7 200	na								0
2140	Demand Side Curtailment Area7 400	na								0
2141	Demand Side Curtailment Area7 NDCurt	na								0
2142	Demand Side Curtailment Area8 90	na								0
2143	Demand Side Curtailment Area8 120	na								0
2144	Demand Side Curtailment Area8 150	na								0
2145	Demand Side Curtailment Area8 200	na								0
2146	Demand Side Curtailment Area8 400	na								0
2147	Demand Side Curtailment Area8 NDCurt	na								0
2148	Demand Side Curtailment Area9 90	na								0
2149	Demand Side Curtailment Area9 120	na								0
2150	Demand Side Curtailment Area9 150	na								0
2151	Demand Side Curtailment Area9 200	na								0
2152	Demand Side Curtailment Area9 400	na								0
2153	Demand Side Curtailment Area9 NDCurt	na								0
2154	Demand Side Curtailment Area10 90	na								0
2155	Demand Side Curtailment Area10 120	na								0
2156	Demand Side Curtailment Area10 150	na								0
2157	Demand Side Curtailment Area10 200	na								0
2158	Demand Side Curtailment Area10 400	na								0
2159	Demand Side Curtailment Area10 NDCurt	na								0
2160	Demand Side Curtailment Area11 90	na								0
2161	Demand Side Curtailment Area11 120	na								0
2162	Demand Side Curtailment Area11 150	na								0
2163	Demand Side Curtailment Area11 200	na								0
2164	Demand Side Curtailment Area11 400	na								0
2165	Demand Side Curtailment Area11 NDCurt	na								0
2166	Demand Side Curtailment Area12 90	na								0
2167	Demand Side Curtailment Area12 120	na								0
2168	Demand Side Curtailment Area12 150	na								0
2169	Demand Side Curtailment Area12 200	na								0
2170	Demand Side Curtailment Area12 400	na								0
2171	Demand Side Curtailment Area12 NDCurt	na								0
2172	Demand Side Curtailment Area13 90	na								0
2173	Demand Side Curtailment Area13 120	na								0
2174	Demand Side Curtailment Area13 150	na								0
2175	Demand Side Curtailment Area13 200	na								0
2176	Demand Side Curtailment Area13 400	na								0
2177	Demand Side Curtailment Area13 NDCurt	na								0
2178	Syncrude Aurora GTCG	Syncrude								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cyclic	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity	
2179	Balfac GTCC	PanCanadian Petroleum + Canada	6800	106000	71	13	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	147	0	0	0	
2180	Condom Wind	SeaWest WindPower	0	49800	2	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	0	0	0	0	
2181	Delta-Person GT	Delta Energy-John Hancock Life	8750	140000	84	9	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	114	0	0	0	
2182	Edorado 1 CC	Reliant Energy - Sempra Energy	5000	492000	73	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	200	0	0	0	
2183	Foote Creek	PacificCorp/EWB	0	64000	2	7	-1	-1	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	0	0	0	0	
2184	Foote Creek phase 4	SeaWest	0	16300	2	7	-1	-1	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	0	0	0	0	
2185	Fort St Vrain CC1	New Century Energies	8800	246000	80	8	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	114	0	0	0	
2186	Fort St Vrain CC2	New Century Energies	8800	235000	80	8	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	114	0	0	0	
2187	Fort St Vrain CC3	New Century Energies	7500	235000	93	8	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	7500	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	114	0	0	0
2188	Fredrickson GT1	Puget Sound Energy - WA	10600	89000	103	1	0.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	94	0	0	0	
2189	Fredrickson GT2	Puget Sound Energy - WA	10600	89000	103	1	0.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	94	0	0	0	
2190	Fredonia GT1	Puget Sound Energy - WA	10711	123600	103	1	0.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	93	0	0	0	
2191	Fredonia GT2	Puget Sound Energy - WA	10711	123600	103	1	0.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	93	0	0	0	
2192	Fredonia GT3	Puget Sound Energy - WA	10000	53000	92	1	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	33	0	6	-1	-1	-1	-1	109	0	0	0	
2193	Fredonia GT4	Puget Sound Energy - WA	10000	53000	92	1	1.8	305	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	33	0	6	-1	-1	-1	-1	109	0	0	0	
2194	Joffre CCG	ATCO-EPCOR-NOVAChemicals	5000	474000	71	13	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	200	0	0	0	
2195	Klamath CCG	Merchant	6870	550000	92	1	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	146	0	0	0	
2196	La Paloma CC1	PG&E Corp	6800	262000	91	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	16-Sep-01	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	147	0	0	0	
2197	La Paloma CC2	PG&E NEG	7000	262000	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0	
2198	La Paloma CC3	PG&E NEG	7000	262000	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0	
2199	La Paloma CC4	PG&E NEG	7000	262000	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0	
2200	McMahon GTCC1	Westcoast Energy (selling to T	5000	50000	72	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	111	0	0	0	
2201	McMahon GTCC2	ATCO Westcoast	8000	50000	72	4	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	154	0	0	0	
2202	Primrose GT	ATCO Power (IPP)	6860	64000	102	13	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	146	0	0	0	
2203	Rainbow Lake GTCC1	ATCO	9503	22000	102	13	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	105	0	0	0	
2204	Rathburn CC	Cogentrix + Avista	6800	270000	92	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	147	0	0	0	
2205	Redwater GTCC	TransCanada	5000	40000	71	13	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	200	0	0	0	
2206	Salton Sea 1	Calpine	20000	9100	4	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2207	Salton Sea 2	Calpine	20000	18800	4	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2208	Salton Sea 3	Calpine	20000	46300	2	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2209	Salton Sea 4	Calpine	20000	29600	4	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2210	Salton Sea 5	Calpine	10000	41000	4	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-01	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	0	0	0	0	
2211	South Point CC	Calpine	6800	540000	74	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	147	0	0	0	
2212	Suttons GTCC1	Texas Global Gas & Power	8800	169800	91	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	114	0	0	0	
2213	Suttons GTCC2	Mission Energy/Texas	8800	169800	91	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0	
2214	Sutter CC	Calpine	6800	546000	91	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	30-May-02	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	147	0	0	0	
2215	Taylor Coulee Chute	Canadian Hydro - EPCOR	4266	12500	1	13	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	0	0	0	0	
2216	Yamhill	FPL Energy	0	54600	2	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	94	0	0	0	
2217	Los Medanos Energy	Los Medanos Energy	7100	555000	91	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	15-Jul-03	31-Dec-50	FALSE	-1	-1	6	-1	-1	-1	-1	94	0	0	0	
2218	Whitehorn GT2	Puget Sound Energy - WA	10600	88900	103	1	0.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	94	0	0	0	
2219	Whitehorn GT3	Puget Sound Energy - WA	10600	88900	103	1	0.1	266	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	94	0	0	0	
2220	Oldman	Oldman Dam	4266	32000	1	13	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	94	0	0	0	
2221																																		

Number	Name	Utility	Maximum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2179	Baltac GTCG	PanCanadian Petroleum + Canadi			FALSE						
2180	Condon Wind	SeaWest WindPower			FALSE						
2181	Delta-Person GT	Delta Energy-John Hancock Life			FALSE				Cobisa-Person	USA	NM
2182	Eldorado 1 CC	Reliant Energy - Sempra Energy			FALSE					USA	NV
2183	Footee Creek	PacificCorp/EWEB			FALSE					USA	WY
2184	Footee Creek phase 4	SeaWest			FALSE				Footee Creek III	USA	WY
2185	Fort St Vrain CC1	New Century Energies			FALSE						
2186	Fort St Vrain CC2	New Century Energies			FALSE						
2187	Fort St Vrain CC3		-1	-1	FALSE						
2188	Frederickson GT1	Puget Sound Energy - WA			FALSE						
2189	Frederickson GT2	Puget Sound Energy - WA			FALSE						
2190	Fredonia GT1	Puget Sound Energy - WA			FALSE						
2191	Fredonia GT2	Puget Sound Energy - WA			FALSE						
2192	Fredonia GT3				FALSE						
2193	Fredonia GT4				FALSE						
2194	Joffre CCGG	ATCO-EPCOR-NOVAChemicals			FALSE					Canada	AB
2195	Klamath CCGG	Merchant			FALSE			PROJECTION			
2196	La Paloma CC1	PG&E Corp			FALSE						
2197	La Paloma CC2	PG&E NEG			FALSE						
2198	La Paloma CC3	PG&E NEG			FALSE						
2199	La Paloma CC4	PG&E NEG			FALSE						
2200	McMahon GTCG1	Westcoast Energy (selling to T			FALSE						
2201	McMahon GTCG2	ATCO Westcoast			FALSE						
2202	Primrose GT	ATCO Power (IPP)			FALSE					Canada	AB
2203	Rainbow Lake GTCG1	ATCO			FALSE	EPIS New Plant 6/11/01				Canada	AB
2204	Rathdunn CC	Cogentrix + Avista			FALSE					USA	ID
2205	Redwater GTCG	TransCanada			FALSE						
2206	Salton Sea 1				FALSE						
2207	Salton Sea 2				FALSE						
2208	Salton Sea 3				FALSE						
2209	Salton Sea 4				FALSE						
2210	Salton Sea 5	CalEnergy			FALSE		T0016-T0047-T0049			USA	CA
2211	South Point CC	Calpine			FALSE					USA	AZ
2212	Sunrise GTCG1	Texas Global Gas & Power			FALSE			PROJECTION			
2213	Sunrise GTCG2	Mission Energy/Texas			FALSE						
2214	Sutter CC	Calpine			FALSE			PROJECTION			
2215	Taylor Coulee Chute	Canadian Hydro + EPCOR			FALSE				Taylor Chute - Taylor Coulee Shute	Canada	AB
2216	Vanyule	FPL Energy			FALSE						
2217	Los Medanos CC	Los Medanos Energy			FALSE			PROJECTION			
2218	Whitehorn GT2	Puget Sound Energy - WA			FALSE						
2219	Whitehorn GT3	Puget Sound Energy - WA			FALSE						
2220	Oldman	Oldman Dam			FALSE						
2221	939 Coast Management	ONSITE ENERGY			FALSE		G0004	939 COAST MANAGEMENT			
2222	Agua Mansa GT				FALSE						
2223	Coalinga CF GTCG1	AERA			FALSE		G0557	AL RESOURCES (COALINGA)	AERA (COALINGA)		
2224	Coalinga 25D GTCG2	Chevron USA			FALSE						
2225	Coalinga 25D GTCG3	Chevron USA			FALSE						
2226	Coalinga 25D GTCG4	Chevron USA			FALSE						
2227	Coalinga 6C GTCG1	Chevron USA			FALSE						
2228	Coalinga 6C GTCG2	Chevron USA			FALSE						
2229	Aliso Water Management	ALISO WATER MANAGEMENT AGENCY			FALSE		E0155	ALISO WATER MANAGEMENT AGENCY			
2230	All Metals Processing of Orange County				FALSE		G0013	ALL METALS PROCESSING OF ORANGE COUNTY			
2231	Alliant Food Service	KRAFT FOOD SERVICES			FALSE		G0015	ALLIANT FOOD SERVICE, INC. *	MOCERI PRODUCE		
2232	Alta Mesa IV				FALSE						
2233	Alta Mesa VII				FALSE						
2234	Altamont Gas Recovery				FALSE						
2235	ALVARADO HYDRO	SD COUNTY WATER AUTHORITY			FALSE		H0006	ALVARADO HYDRO FACILITY			
2236	Amedee	AMEDEE GEOTHERMAL VENTURE 1			FALSE		T0001	AMEDEE GEOTHERMAL VENTURE 1			
2237	Holiday Inn Embudo	INTEGRATED TOTAL RGY			FALSE		G0022	AMERICAN CORNERSTONE (HOLIDAY INN)			
2238	American McGaw CCGG	AMERICAN MCGAW			FALSE		G0024	AMERICAN MCGAW #2			
2239	Anderson Lithograph CCGG				FALSE		G0028	ANDERSON LITHOGRAPH COMPANY			
2240	Arbutus				FALSE						
2241	ARBuckle Mtn HYDRO	CONSOLIDATED HYDRO, INC. (CHI)			FALSE		H0010	ARBuckle MOUNTAIN HYDRO LLC			
2242	Wilmington Calciner KCCG	ARCO PRODUCTS CO.			FALSE		C0002	ARCO C.Q.C. KILN	ARCO WILMINGTON CALCINER		
2243	ARCO Fee A GTCG1	ARCO			FALSE		G0595	ARCO OIL & GAS (FEE "A")	ARCO FEE A		
2244	ARCO Fee A GTCG2	ARCO			FALSE						
2245	ARCO Fee B GCGT	ARCO			FALSE		G0596	ARCO OIL & GAS (FEE "B")	ARCO FEE B		
2246	ARCO Fee C GTCG1	ARCO			FALSE		G0597	ARCO OIL & GAS (FEE "C")	ARCO FEE C		
2247	ARCO Fee C GTCG2	ARCO			FALSE						
2248	ARCO Oxford GTCG	ARCO			FALSE		G0031	ARCO OIL & GAS (OXFORD)	ARCO OXFORD COGEN		
2249	Argus CLCG1	NORTH AMERICAN CHEMICAL CO			FALSE		C0017	ARGUS	NORTH AMERICAN CHEMICAL CO.		
2250	Argus CLCG2	IMC Chemicals			FALSE						
2251	B Braun Medical GTCG				FALSE						
2252	Badger Creek GTCG	BADGER CREEK LIMITED			FALSE		G0040	BADGER CREEK LIMITED	BADGER CREEK COGEN		
2253	BADGER FILTRATION	SAN DIEGOITO WATER DISTRICT			FALSE		H0016	BADGER FILTRATION			
2254	Bear Mountain GTCG	BEAR MOUNTAIN LIMITED			FALSE		G0028	BEAR MOUNTAIN LIMITED	BEAR MOUNTAIN COGEN		
2255	Berry GTCG	Berry Petroleum Co.			FALSE		G0638	BERRY COGEN-MIDWAY SUNSET	BERRY PETROLEUM COGEN		
2256	Monarch GTCG1				FALSE		G0368	BERRY PETROLEUM COMPANY	MONARCH COGENERATION		
2257	Monarch GTCG2	Monarch Cogeneration			FALSE						
2258	BES HYDRO INC	BES HYDRO CO			FALSE		H0403	BES HYDRO, INC.			
2259	BIG CREEK WATER WKS	BIG CREEK WATER WORKS LTD			FALSE		H0037	BIG CREEK WATER WORKS, LTD			
2260	Big Valley	BIG VALLEY LUMBER			FALSE		E0003	BIG VALLEY LUMBER COMPANY			
2261	Biogen Power	BIOGEN POWER COMPANY			FALSE		E0108	BIOGEN POWER I			
2262	Biola University	BIOLA UNIVERSITY			FALSE		G0054	BIOLA UNIVERSITY			
2263	Bixby Knolls Towers				FALSE		G0055	BIXBY KNOLLS TOWERS			
2264	Blythe CC				FALSE						
2265	Borden Chemical				FALSE		G0057	BORDEN CHEMICAL			
2266	Boulder GT				FALSE						
2267	US Borax GTCG	U.S. BORAX AND CHEMICAL CO			FALSE		G0625	BORON #1	U.S. BORAX AND CHEMICAL		
2268	Brookside Hospital				FALSE		G0062	BROOKSIDE HOSPITAL			
2269	BROWNS VALLEY ID	BVID			FALSE		H0544	BROWNS VALLEY IRRIGATION DISTRICT	VIRGINIA RANCH DAM		
2270	BUCKEYE 82 INV				FALSE		H0051	BUCKEYE 82 INVESTORS			
2271	BURGESS NORMAN ROSS	BURGESS, M&N			FALSE		H0056	BURGESS, NORMAN ROSS	BLUFORD CREEK or THREE FORKS WATER POWER PROJECT		
2272	Burney Forest Prod	BURNEY FOREST PRODUCTS			FALSE		E0005	BURNEY FOREST PRODUCTS	DELWEST SAW MILL COGEN		
2273	Byron Power GTCG	FAYETTE KALINA			FALSE		G0017	BYRON POWER COMPANY			
2274	C & H Sugar GTCG				FALSE		G0509	C & H SUGAR			
2275	Cal Poly Pomona	CAL POLY - POMONA			FALSE		G0069	CAL POLY UNIVERSITY, POMONA			
2276	North Midway GTCG3	AERA			FALSE		G0556	CAL RESOURCES (N. MIDWAY SUNSET)	AERA (N. MIDWAY SUNSET)		
2277	CalTech	CALIFORNIA INSTITUTE OF TECHNO			FALSE		G0757	CALIFORNIA INSTITUTE OF TECHNOLOGY	CAL-TECH		

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2179	Balzac GTCG	PanCanadian Petroleum + Canadi								0
2180	Condon Wind	SeaWest WindPower								0
2181	Delta-Person GT	Delta Energy-John Hancock Life	Bernalillo							2000
2182	Eldorado 1 CC	Electric Energy - Sempra Energy								0
2183	Footo Creek	PacificCorp/EWEB	Carbon							0
2184	Footo Creek phase 4	SeaWest	Carbon							0
2185	Fort St Vrain CC1	New Century Energies								0
2186	Fort St Vrain CC2	New Century Energies								0
2187	Fort St Vrain CC3	New Century Energies								0
2188	Frederickson GT1	Puget Sound Energy - WA								0
2189	Frederickson GT2	Puget Sound Energy - WA								0
2190	Fredonia GT1	Puget Sound Energy - WA								0
2191	Fredonia GT2	Puget Sound Energy - WA								0
2192	Fredonia GT3									0
2193	Fredonia GT4									0
2194	Joffre CCGG	ATCO-EPCOR-NOVAChemicals		Joffre						2000
2195	Klamath CCGG	Merchant								0
2196	La Paloma CC1	PG&E Corp								0
2197	La Paloma CC2	PG&E NEG								0
2198	La Paloma CC3	PG&E NEG								0
2199	La Paloma CC4	PG&E NEG								0
2200	McMahon GTCG1	Westcoast Energy (selling to T								0
2201	McMahon GTCG2	ATCO Westcoast								0
2202	Primrose GT	ATCO Power (IPP)								2000
2203	Rainbow Lake GTCG1	ATCO		Rainbow						2000
2204	Rathdrum CC	Cogentrix + Avista	Kootenai	Rathdrum		NG				2001
2205	Redwater GTCG	TransCanada								0
2206	Salton Sea 1									0
2207	Salton Sea 2									0
2208	Salton Sea 3									0
2209	Salton Sea 4									0
2210	Salton Sea 5	CalEnergy	IMPERIAL						geo	2000
2211	South Point CC	Calpine	Mohave	Bullhead City						0
2212	Sunrise GTCG1	Texas Global Gas & Power								0
2213	Sunrise GTCG2	Mission Energy/Texas								0
2214	Sutter CC	Calpine								0
2215	Taylor Coulee Chute	Canadian Hydro + EPCOR		Taylor Chute						0
2216	Vansycle	FPL Energy								0
2217	Los Medanos CC	Los Medanos Energy								0
2218	Whitehorn GT2	Puget Sound Energy - WA								0
2219	Whitehorn GT3	Puget Sound Energy - WA								0
2220	Oldman	Oldman Dam								0
2221	939 Coast Management	ONSITE ENERGY	SAN DIEGO		939 COAST BLVD.	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2222	Agua Mansa GT									0
2223	Coalunga CF GTCG1	AERA	FRESNO		34395 OIL CITY ROAD	NATURAL GAS	OIL GAS	GAS TURBINE/HEAT RECOVERY STEAM GENERATR	YES	0
2224	Coalunga 25D GTCG2	Chevron USA								0
2225	Coalunga 25D GTCG3	Chevron USA								0
2226	Coalunga 25D GTCG4	Chevron USA								0
2227	Coalunga 6C GTCG1	Chevron USA								0
2228	Coalunga 6C GTCG2	Chevron USA								0
2229	Aliso Water Management	ALISO WATER MANAGEMENT AGENCY	ORANGE		29201 LA PAZ ROAD	DIGESTER GAS	DIGESTER GAS	DIGESTER GAS MUNICIPAL	NO	0
2230	All Metals Processing of Orange County		ORANGE		8401 STANDUSTRIAL	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2231	Alliant Food Service	KRAFT FOOD SERVICES	SAN DIEGO		8515 MARMAR PLACE	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2232	Alta Mesa IV									0
2233	Alta Mesa VII									0
2234	Altamont Gas Recovery									0
2235	ALVARADO HYDRO	SD COUNTY WATER AUTHORITY	SAN DIEGO		WATER FILTRATION PLANT, ON LAKE MURRAY BLVD	HYDRO	HYDRO	HYDROELECTRIC	NO	0
2236	Amodee	AMEDEE GEOTHERMAL VENTURE 1	LASSEN		AMEDEE RD	HYDROTHERMAL	GEOTHERMAL	BINARY	NO	0
2237	Holiday Inn Embudo	INTEGRATED TOTAL RBY	ORANGE		222 W. HOUSTON	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2238	American McGaw CCGG	AMERICAN MCGAW	ORANGE		2525 MCGAW AVENUE (INTERSECTS: JAMBORREE RD)	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2239	Anderson Lithograph CCGG		LOS ANGELES		6802 ACCO STREET	NATURAL GAS	OIL GAS	GAS TURBINE COMBINED CYCLE	YES	0
2240	Arbutus									0
2241	ARBuckle MIN HYDRO	CONSOLIDATED HYDRO INC. (CHI)	SHASTA		0	HYDRO	HYDRO	0	NO	0
2242	Wilmington Calciner KCGG	ARCO PRODUCTS CO.	LOS ANGELES		1175 CARRACK AVE.	PETROLEUM COKE	COAL	MISCELLANEOUS/BOTTOMING CYCLE	YES	0
2243	ARCO Fee A GTCG1	ARCO	KERN		1/2 MILE EAST OF BAKERSFIELD-GLENVILLE RD, 1 MILE NORTH JAMES ROAD	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2244	ARCO Fee A GTCG2	ARCO								0
2245	ARCO Fee B GCGT	ARCO	KERN		1/2 MILE EAST OF BAKERSFIELD-GLENVILLE RD, 1 MILE NORTH JAMES ROAD	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2246	ARCO Fee C GTCG1	ARCO	KERN		2 MILES EAST OF BAKERSFIELD-GLENVILLE RD, 2 MILES NORTH JAMES ROAD	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2247	ARCO Fee C GTCG2	ARCO								0
2248	ARCO Oxford GTCG	ARCO	KERN		MOCAL ROAD AND CROCKER SPRING ROAD	NATURAL GAS	OIL GAS	0	YES	0
2249	Argus CLCG1	NORTH AMERICAN CHEMICAL CO	SAN BERNARDINO		15200 MAIN STREET	COAL	COAL	COAL-FIRED TOPPING CYCLE	YES	0
2250	Argus CLCG2	IMC Chemicals								0
2251	B Braun Medical GTCG									0
2252	Badger Creek GTCG	BADGER CREEK LIMITED	KERN		5801 GRANITE ROAD (& OILFIELD ROAD)	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2253	BADGER FILTRATION	SAN DIEQUITO WATER DISTRICT	SAN DIEGO		18335 ALISO CANYON ROAD	HYDRO	HYDRO	HYDROELECTRIC	NO	0
2254	Bear Mountain GTCG	BEAR MOUNTAIN LIMITED	KERN		7001 CAMBRO GRANDE DRIVE	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2255	Berry GTCG	Berry Petroleum Co.	KERN		28601 HOVEY HILL ROAD (NEAR CADET ROAD, OFF HWY 33)	NATURAL GAS	OIL GAS	0	YES	0
2256	Monarch GTCG1		KERN		SOUTH MIDWAY-SUNSET	NATURAL GAS	OIL GAS	0	YES	0
2257	Monarch GTCG2	Monarch Cogeneration								0
2258	BES HYDRO INC	BES HYDRO CO	MENDOCINO		0	HYDRO	HYDRO	0	NO	0
2259	BIG CREEK WATER WKS	BIG CREEK WATER WORKS LTD	TRINITY		0	HYDRO	HYDRO	0	NO	0
2260	Big Valley	BIG VALLEY LUMBER	LASSEN		HWY 299 EAST	WOODWASTE	BIOMASS	COGENERATION	YES	0
2261	Biogen Power	BIOGEN POWER COMPANY	SAN BERNARDINO		72 YATES WELL-15	INDUSTRIAL WASTE	MSW	INDUSTRIAL WASTE	NO	0
2262	Biology University	BIOLA UNIVERSITY	LOS ANGELES		13806 BIOLA AVE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2263	Bisby Knolls Towers		LOS ANGELES		3747 ATLANTIC AVE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2264	Blythe CC									0
2265	Borden Chemical		ALAMEDA		41100 BOYCE RD	NATURAL GAS	OIL GAS	0	YES	0
2266	Boulder GT									0
2267	US Borax GTCG	U.S. BORAX AND CHEMICAL CO	KERN		14886-BORAX ROAD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2268	Brookside Hospital		CONTRA COSTA		2000 VALE ROAD	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION ENGINE	YES	0
2269	BROWNS VALLEY ID	BVID	YUBA		0	HYDRO	HYDRO	0	NO	0
2270	BUCKEYE 82 INV		EL DORADO		0	HYDRO	HYDRO	HYDRO	NO	0
2271	BURGESS NORMAN ROSS	BURGESS, M&N	TRINITY		0	HYDRO	HYDRO	0	NO	0
2272	Burney Forest Prod	BURNEY FOREST PRODUCTS	SHASTA		35586-B HIGHWAY 299 EAST	WOODWASTE	BIOMASS	0	YES	0
2273	Byron Power GTCG	FAYETTE KALINA	SAN JOAQUIN		4901 BRUNS ROAD	NATURAL GAS	OIL GAS	0	YES	0
2274	C & H Sugar GTCG		CONTRA COSTA		550 LORING	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2275	Cal Poly Pomona	CAL POLY - POMONA	LOS ANGELES		3801 W. TEMPLE AVE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2276	North Midway GTCG3	ALFA	KERN		MOCAL ROAD AND MID OIL ROAD	NATURAL GAS	OIL GAS	0	YES	0
2277	CalTech	CALIFORNIA INSTITUTE OF TECHNO	LOS ANGELES		950 SOUTH WILSON ST	NATURAL GAS	OIL GAS	0	YES	0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	No. Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity		
2278	California Cedar Products	CALIFORNIA CEDAR PRODUCTS	8000	850	7	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2279	California Medical Facility	CALIFORNIA MEDICAL FACILITY	5000	1500	91	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2280	California Portland Cement	CALIFORNIA PORTLAND CEMENT	10000	28500	27	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2281	Bear Canyon 1-2	CALPINE	20000	19600	4	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Sep-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2282	Beaumont Front Plant	CALPINE	20000	29200	2	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2283	Watsonville CCGG	CALPINE	5000	27700	91	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2284	Camano CCGG	Energy Initiatives, Inc	5000	26900	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2285	CAMROSA CITY WTR DIST	CAMROSA COUNTY W. D.	0	150	1	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2286	Cardinal CCGG	Stanford University	5000	50000	91	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2287	Carson CCGG	Carson CCGG	8800	49100	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0		
2288	CBS Studios	CBS Studios	5000	1400	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2289	Century GT	Century GT	10000	43000	111	3	2.3	XNGST6SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0		
2290	Cerritos College	CERRITOS COLLEGE	5000	150	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2291	CES Energy Albehill	CES ALBEHILL, LTD	5000	560	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2292	CES Energy Corona	PACIFIC CLAY PRODUCTS	5000	600	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2293	Chalk Cliff COGEN	CHALK CLIFF COGEN	5000	47300	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2294	Concord CFCG1	CHEVRON U.S.A.	5000	500	91	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2295	Concord CFCG2	Chevron USA	8000	300	91	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2296	Kern River Eastridge GTCG1	CHEVRON U.S.A.	5000	17400	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2297	Kern River Eastridge GTCG2	Chevron USA	8000	17400	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0		
2298	Taft 26C GTCG1	CHEVRON U.S.A.	5000	1200	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2299	Taft 26C GTCG2	Chevron USA	8000	800	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0		
2300	Taft 26C GTCG3	Chevron USA	8000	1200	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0		
2301	Taft 26C GTCG4	Chevron USA	8000	800	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0		
2302	Children's Hospital	CHILDREN'S HOSPITAL & HEALTH C	5000	1020	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2303	Chino Basin MWD	Chino Basin MWD	8000	4800	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2304	Chino CCGG	Energy Initiatives, Inc	10000	25300	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2305	Chiquita Water Reclamation	SANTA MARGARITA WATER DISTRICT	8000	270	7	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2306	Chowchilla II GT	Chowchilla II GT	10000	49000	100	2	2.3	XNGST6SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0		
2307	Chula Vista CCGG	ROHR INCORPORATED	5000	4800	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2308	Chula Vista GT	ROHR INCORPORATED	10000	44000	111	3	2.3	XNGST6SFOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0		
2309	CINNAMON RANCH HYDRO	RICHARD MOSS	0	155	1	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2310	Claremont Tennis Club	CLAREMONT TENNIS CLUB	5000	200	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2311	Yaleville Landfill	L.A. COUNTY SANITATION DISTRICT	8000	4500	7	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2312	Coalings 25D GTCG1	CHEVRON U.S.A.	5000	1400	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2313	Coalings CF GTCG2	Aera Energy	8000	1100	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0		
2314	Coalings GTCG	COALINGA COGENERATION	5000	39800	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2315	Ernie Sanitarium	ST ERNE SANITARIUM	5000	100	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2316	Federal CCGG	SUNLAW ENERGY CORP/COGEN PARTN	5000	28000	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2317	Growers CCGG	SUNLAW ENERGY CORP/COGEN PARTN	5000	28000	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2318	COLLIERVILLE PWR HOUSE	CCWD	0	260300	1	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2319	Collins Pine	COLLINS PINE COMPANY	8000	6100	7	2	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0		
2320	Collins Pine	COLLINS PINE COMPANY	8000	4700	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1																						

Number	Name	Utility	Maxiumm Storage	Initial Contants	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2278	California Cedar Products	CALIFORNIA CEDAR PRODUCTS			FALSE		E0156	CALIFORNIA CEDAR PRODUCTS			
2279	California Medical Facility				FALSE		G0072	CALIFORNIA MEDICAL FACILITY			
2280	California Portland Cement				FALSE						
2281	Bear Canyon 1-2	CALPINE			FALSE		T0005	CALPINE GEYSER CO. L.P. (KW#1)	BEAR CANYON KILOWATT #1; CALPINE G		
2282	West Ford Flat	CALPINE			FALSE		T0007	CALPINE GEYSER CO. L.P. (WF#)	WEST FORD FLAT CALPINE GEYSERS CO		
2283	Watsonville CCGG	CALPINE			FALSE		G0661	CALPINE MONTEREY COGEN	WATSONVILLE COGEN		
2284	Camarillo CCGG	Energy Initiatives, Inc			FALSE		G0403	CAMARRILLO NUG	O.L.S. ENERGY (CAMARRILLO STATE HOSPITAL)		
2285	CAMROSA CTY WTR DIST	CAMROSA COUNTY W. D.			FALSE		H0084	CAMROSA COUNTY WATER DISTRICT			
2286	Cardinal CCGG	Stanford University			FALSE		G0080	CARDINAL COGENERATION			
2287	Carson CCGG				FALSE						
2288	CBS Studios				FALSE		G0756	CBS STUDIOS			
2289	Century GT				FALSE						
2290	Cerritos College	CERRITOS COLLEGE			FALSE		G0091	CERRITOS COLLEGE			
2291	CES Energy Alberhill	CES ALBERHILL, LTD			FALSE		G0064	CES ENERGY ALBERHILL			
2292	CES Energy Corona	PACIFIC CLAY PRODUCTS			FALSE		G0065	CES ENERGY CORONA (PACIFIC CLAY)			
2293	Chalk Cliff GTCG	CHALK CLIFF COGEN			FALSE		G0429	CHALK CLIFF COGEN			
2294	Concord GTCG1	CHEVRON U.S.A.			FALSE		G0101	CHEVRON (CONCORD)	CHEVRON COMPUTER CENTER; CHEVRON USA(CONCORD)		
2295	Concord GTCG2	Chevron USA			FALSE						
2296	Kern River Eastridge GTCG1	CHEVRON U.S.A.	-1	-1	FALSE		G0103	CHEVRON (KERN RIVER EASTRIDGE)			
2297	Kern River Eastridge GTCG2	Chevron USA			FALSE						
2298	Taft 26C GTCG1	CHEVRON U.S.A.			FALSE		G0107	CHEVRON (TAFT/CADET)			
2299	Taft 26C GTCG2	Chevron USA			FALSE						
2300	Taft 26C GTCG3	Chevron USA			FALSE						
2301	Taft 26C GTCG4	Chevron USA			FALSE						
2302	Children's Hospital	CHILDREN'S HOSPITAL & HEALTH C			FALSE		G0109	CHILDREN'S HOSPITAL			
2303	Chino Basin MWD				FALSE		E0014	CHINO BASIN MUNICIPAL WATER DISTRICT			
2304	Chino CCGG	Energy Initiatives, Inc			FALSE		G0404	CHINO NUG	O.L.S. ENERGY (CHINO MEN'S INSTITUTION)		
2305	Chiquita Water Reclamation	SANTA MARGARITA WATER DISTRICT			FALSE		G0110	CHIQUITA WATER RECLAMATION	SANTA MARGARITA WATER DISTRICT		
2306	Chowchilla II GT				FALSE						
2307	Chula Vista CCGG	ROHR INCORPORATED			FALSE		G0805	CHULA VISTA COGENERATION	UNIVERSITY COGENERATION		
2308	Chula Vista GT				FALSE						
2309	CINNAMON RANCH HYDRO	RICHARD MOSS			FALSE		H0410	CINNAMON RANCH HYDROELECTRIC	CINNAMON RANCH		
2310	Claremont Tennis Club	CLAREMONT TENNIS CLUB			FALSE		G0125	CLAREMONT TENNIS CLUB			
2311	Valencia Landfill	L.A. COUNTY SANITATION DISTRIC			FALSE		E0024	CO. SAN. DIST. #32 OF LA CO. (VALENCIA)			
2312	Coalinga 25D GTCG1	CHEVRON U.S.A.			FALSE		G0100	COALINGA COGENERATION COMPANY			
2313	Coalinga CF GTCG2	Aera Energy			FALSE						
2314	Coalinga GTCG	COALINGA COGENERATION			FALSE		G0131	COALINGA COGENERATION COMPANY			
2315	Erme Sanitarium	ST ERNE SANITARIUM			FALSE		G0074	COGENIC - ERME SANITARIUM			
2316	Federal CCGG	SUNLAW ENERGY CORP/COGEN PARTN			FALSE		G0588	COLDGEN; SUNLAW COGEN #1	FEDERAL COGENERATION PLANT		
2317	Growers CCGG	SUNLAW ENERGY CORP/COGEN PARTN			FALSE		G0754	COLDGEN; SUNLAW COGEN #2	U.S. GROWERS COGENERATION PLANT		
2318	COLLIERVILLE PWR HOUSE	CCWD			FALSE		H0107	COLLIERVILLE POWER HOUSE	COLLIERVILLE		
2319	Collins Pine	COLLINS PINE COMPANY			FALSE		E0026	COLLINS PINE			
2320	Comex	COLMAC ENERGY			FALSE		E0027	COLMAC	MECCA PLANT		
2321	Commerce RTE	COMMERCE REFUSE TO ENERGY			FALSE		E0113	COMMERCE REFUSE-TO-ENERGY			
2322	CONEJO HYDRO CALLEGUAS MU	CALLEGUAS MWD			FALSE		H0077	CONEJO HYDRO STATION/CALLEGUAS MU			
2323	White Cap	PG&E			FALSE		G0146	CONTINENTAL CAN (WHITE CAP)			
2324	Cora Products				FALSE		G0751	CORA PRODUCTS			
2325	Corona GTCG	CORONA ENERGY PARTNERS			FALSE		G0149	CORONA ENERGY PARTNERS	CORONA COGEN		
2326	COSO 4 Pwr Dvlpers	CAITHNESS ENERGY LLC			FALSE		T0011	COSO ENERGY DEVELOPERS UNIT (4-6)/CAL			
2327	COSO 5 Pwr Dvlpers	Coso Power Developers			FALSE						
2328	COSO 6 Pwr Dvlpers	Coso Power Developers			FALSE						
2329	COSO 7 Enery Dvlpers	CAITHNESS ENERGY LLC			FALSE		T0009	COSO ENERGY DEVELOPERS UNIT (7-9)/CAL			
2330	COSO 8 Enery Dvlpers	Coso Energy Developers			FALSE						
2331	COSO 9 Enery Dvlpers	Coso Energy Developers			FALSE						
2332	COSO 1 Fin Prtnrs	CAITHNESS ENERGY LLC			FALSE		T0010	COSO FINANCE PARTNERS UNIT (1- 3)			
2333	COSO 2 Fin Prtnrs	Coso Financial Partners			FALSE						
2334	COSO 3 Fin Prtnrs	Coso Financial Partners			FALSE						
2335	Cotija Cheese				FALSE		G0156	COTIJA CHEESE			
2336	Sonoma County Landfill	SONOMA COUNTY			FALSE		E0149	COUNTY OF SONOMA	MICHIGAN COGEN or SONOMA COUNTY CENTRAL DISPOSAL SI or CENTRAL LF		
2337	Creed GT				FALSE						
2338	CSC Western Center Cogeneration	COMPUTER SCIENCE CORPORATION			FALSE		G0141	CSC WESTERN CENTER COGENERATION			
2339	CSU Humboldt				FALSE		G0070	CSU HUMBOLDT			
2340	CSU Long Beach Pool	CSU LONG BEACH			FALSE		G0074	CSU LONG BEACH (POOL)			
2341	Cymric 31X GTCG1	CHEVRON U.S.A.			FALSE		G0102	CYMRIC 6Z/31 X36W	CHEVRON (CYMRIC)		
2342	Cymric 31X GTCG2	Chevron USA			FALSE						
2343	Cymric 36W GTCG1	Chevron USA			FALSE						
2344	Cymric 36W GTCG2	Chevron USA			FALSE						
2345	Cymric 36W GTCG3	Chevron USA			FALSE						
2346	Cymric 36W GTCG4	Chevron USA			FALSE						
2347	Cymric 6Z GTCG1	Chevron USA			FALSE						
2348	Cymric 6Z GTCG2	Chevron USA			FALSE						
2349	Decoel CCGT	DIAMOND ENERGY INC.			FALSE		G0173	DAI/OILDALE CO-GEN. PROJECT	DIAMOND ENERGY or DEZTEL		
2350	DAVID O HARDE	DAVID O. HARDE			FALSE		H0128	DAVID O. HARDE	LANDIS-HARDE HYDROELECTRIC PROJEC		
2351	Decogen				FALSE		G0170	DECOGEN	TAZCOGEN		
2352	DEEP SPRINGS COLLEGE	DEEP SPRINGS COLLEGE			FALSE		H0132	DEEP SPRINGS COLLEGE			
2353	Hech	CALENERGY			FALSE		T0012	DEL RANCH LTD. (NILAND #2)	DEL RANCH, LTD. (NILAND #2)		
2354	DESERT POWER CO	DESERT POWER CO.			FALSE		H0134	DESERT POWER COMPANY			
2355	Diamond Walnut	DIAMOND WALNUT GROWERS			FALSE		E0032	DIAMOND WALNUT GROWERS INC.			
2356	Dinuba GTCG				FALSE						
2357	DOMINGUEZ GAP BARRIER	G SQUARED ENERGY			FALSE		H0342	DOMINGUEZ GAP BARRIER	HYDRO ELECTRIC CONST (DOMINGUEZ GAP BARRIER)		
2358	Double C GTCG1	DOUBLE "C" LIMITED			FALSE		G0176	DOUBLE "C" LIMITED			
2359	Double C GTCG2	El Paso Merchant Energy			FALSE						
2360	Doubletree Hotel	DOUBLE TREE HOTEL.			FALSE		G0002	DOUBLETREE HOTEL.			
2361	Dresss GT				FALSE						
2362	EAGLE HYDRO	EAGLE HYDRO PTNSP			FALSE		H0086	EAGLE HYDRO	CANYON CREEK		
2363	EAST PORTAL HYDRO CALLEGU	CALLEGUAS MWD			FALSE		H0078	EAST PORTAL HYDRO STATION/CALLEGU	EAST PORTAL		
2364	Oakland Wastewater				FALSE		E0036	EBMUD (OAKLAND)			
2365	Ei Cajon GT (CalPeak)				FALSE						
2366	El Conquistador	EL CONQUISTADOR/NW MUTUAL LIFE			FALSE		G0191	EL CONQUISTADOR			
2367	El Dorado				FALSE						
2368	EL DORADO HYDRO MONTGOMERY CRK	EL DORADO HYDRO			FALSE		H0168	EL DORADO HYDRO (MONTGOMERY CREEK			
2369	El Segundo CCGG1	CHEVRON U.S.A.			FALSE		G0105	EL SEGUNDO REFINERY #1			
2370	El Segundo CCGG2	Chevron Products Company / Gov			FALSE		G0106	EL SEGUNDO REFINERY #2			
2371	El Segundo Refinery III	Chevron Products Company / Gov			FALSE		G0108	EL SEGUNDO REFINERY III			
2372	Elmore	CALENERGY			FALSE		T0015	ELMORE LTD	ELMORE, LTD. (NILAND #5)		
2373	Encina Water Pollution Control	ENCINA POLLUTION CONTROL			FALSE		G0198	ENCINA WATER POLLUTION CONTROL			
2374	Enterprise Escondido GT				FALSE						
2375	The Episcopal Home	THE EPISCOPAL HOME			FALSE		G0606	THE EPISCOPAL HOME.			
2376	Escondido GT				FALSE						

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2278	California Cedar Products	CALIFORNIA CEDAR PRODUCTS	SAN JOAQUIN		1340 W. WASHINGTON STREET	WOODWASTE	BIOMASS	0	YES	0
2279	California Medical Facility		SONOMA		VACAVILLE PRISON, 1600 CALIFORNIA DRIVE	NATURAL GAS	OIL GAS	0	YES	0
2280	California Portland Cement									0
2281	Bear Canyon 1-2	CALPINE	LAKE		19759 HIGHWAY 175	DRY STEAM	GEO THERMAL	0	NO	0
2282	West Ford Plant	CALPINE	LAKE		10350 SOCRATES MINE ROAD	DRY STEAM	GEO THERMAL	0	NO	0
2283	Watsonville CCGG	CALPINE	SANTA CRUZ		831 WALKER STREET	NATURAL GAS	OIL GAS	0	YES	0
2284	Camariño CCGG	Energy Initiatives, Inc	VENTURA		1947 WEST POTRERO ROAD	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2285	CAMAROSA CITY WTR DIST	CAMAROSA COUNTY W. D.	VENTURA		WOODCREEK ROAD AND UPLAND ROAD	HYDRO	HYDRO	GAS-FUELED RECIPROCATING ENGINE	NO	0
2286	Cardinal CCGG	Stanford University	SANTA CLARA		BLDG 14-105 STANFORD UNIVERSITY	NATURAL GAS	OIL GAS	0	YES	0
2287	Carson CCGG									0
2288	CBS Studios		LOS ANGELES		7800 BEVERLY BLVD.	NATURAL GAS	OIL GAS	0	YES	0
2289	Century GT									0
2290	Cerritos College	CERRITOS COLLEGE	LOS ANGELES		11110 E. ALONDRA, NORWALK	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2291	CES Energy Albehill	CES ALBERHILL, LTD	RIVERSIDE		14741 LAKE STREET	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2292	CES Energy Corona	PACIFIC CLAY PRODUCTS	RIVERSIDE		20325 TEMESCAL CANYON ROAD	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2293	Chalk Cliff GTGC	CHALK CLIFF COGEN	KERN		29041 HIGHWAY 33	NATURAL GAS	OIL GAS	0	YES	0
2294	Concord GTCG1	CHEVRON U.S.A.	CONTRA COSTA		2001 DIAMOND BOULEVARD	NATURAL GAS	OIL GAS	0	YES	0
2295	Concord GTCG2	Chevron USA								0
2296	Kern River Eastridge GTGC1	CHEVRON U.S.A.	KERN		KERN RIVER OIL FIELD	NATURAL GAS	OIL GAS	0	YES	0
2297	Kern River Eastridge GTGC2	Chevron USA								0
2298	Taft 26C GTCG1	CHEVRON U.S.A.	KERN		0	NATURAL GAS	OIL GAS	0	YES	0
2299	Taft 26C GTCG2	Chevron USA								0
2300	Taft 26C GTCG3	Chevron USA								0
2301	Taft 26C GTCG4	Chevron USA								0
2302	Children's Hospital	CHILDREN'S HOSPITAL & HEALTH C	SAN DIEGO		8001 FROST ST. OR 3020 CHILDRENS WAY	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2303	Chino Basin MWD		SAN BERNARDINO		8555 ARCHBOLD AVENUE	DIGESTER GAS	DIGESTER GAS	DIGESTER GAS MUNICIPAL	NO	0
2304	Chino CCGG	Energy Initiatives, Inc	SAN BERNARDINO		5601 EUCLYPTUS AVENUE	NATURAL GAS, DIST	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2305	Chiquita Water Reclamation	SANTA MARGARITA WATER DISTRICT	ORANGE		28793 ORTEGA HWY.	METHANE	OIL GAS	RECIPROCATING	NO	0
2306	Chowchilla II GT									0
2307	Chula Vista CCGG		SAN DIEGO		678 3RD AVENUE (FOOT OF H STREET)	NATURAL GAS	OIL GAS	COMBINED CYCLE	YES	0
2308	Chula Vista GT									0
2309	CINNAMON RANCH HYDRO	RICHARD MOSS	INYO		85 HIGHWAY 6	HYDRO	HYDRO	RUN-OF-RIVER	NO	0
2310	Claremont Tennis Club	CLAREMONT TENNIS CLUB	LOS ANGELES		1777 PADUA AVE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2311	Coalinga Landfill	L.A. COUNTY SANITATION DISTRICT	LOS ANGELES		28185 THE OLD ROAD	DIGESTER GAS	DIGESTER GAS	DIGESTER GAS MUNICIPAL	NO	0
2312	Coalinga 25D GTCG1	CHEVRON U.S.A.	FRESNO		39405 SOUTH DERRICK	NATURAL GAS	OIL GAS	GAS TURBINE/HEAT RECOVERY STEAM GENERATR	YES	0
2313	Coalinga CF GTCG2	Aera Energy								0
2314	Coalinga GTGC	COALINGA COGENERATION	FRESNO		32812 WEST GALE AVENUE (EAST OF DERRICK AVE)	NATURAL GAS /EOR	OIL GAS	0	YES	0
2315	Erme Sanitarium	ST ERME SANITARIUM	LOS ANGELES		527 BOND STREET	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2316	Federal CCGG	SUNLAW ENERGY CORP/COGEN PARTN	LOS ANGELES		4151 EAST FRUITLAND AVENUE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2317	Growers CCGG	SUNLAW ENERGY CORP/COGEN PARTN	LOS ANGELES		3470 EAST VERNON AVENUE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2318	COLLIERVILLE PWR HOUSE	CCWD	CALAVERAS		0	HYDRO	HYDRO	0	NO	0
2319	Collins Pine	COLLINS PINE COMPANY	FRESNO		500 MAIN STREET	WOODWASTE	BIOMASS	COGENERATION	YES	0
2320	Comarc Energy	COMARC ENERGY	RIVERSIDE		62-300 GENE WELMAS DRIVE, HWY 111 AND AVENUE 62)	AG. & WOODWASTE	BIOMASS	AGRICULTURAL WASTE	NO	0
2321	Commerce RTE	COMMERCE REFUSE TO ENERGY	LOS ANGELES		5926 SHEILA STREET	REFUSE-DERIVED	MSW	MUNICIPAL SOLID WASTE	NO	0
2322	CONEJO HYDRO CALLEGUAS MU	CALLEGUAS MWD	VENTURA		2100 OLSEN ROAD	HYDRO	HYDRO	PRESSURE-REDUCING STATION	NO	0
2323	White Cap	PG&E	ALAMEDA		24493 CLAWITER ROAD	NATURAL GAS	OIL GAS	0	NO	0
2324	Coso Products		SAN JOAQUIN		1021 INDUSTRIAL DRIVE	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2325	Corona GTGC	CORONA ENERGY PARTNERS	RIVERSIDE		1130 WEST RINCON STREET	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2326	COSO 4 Pwr Dvlps	CAITHNESS ENERGY LLC	INYO		900 NORTH HERITAGE DRIVE, OFF HWY 395	HYDROTHERMAL	GEO THERMAL	DOUBLE-FLASH CYCLE	NO	0
2327	COSO 5 Pwr Dvlps	Coso Power Developers								0
2328	COSO 6 Pwr Dvlps	Coso Power Developers								0
2329	COSO 7 Energy Dvlps	CAITHNESS ENERGY LLC	INYO		900 NORTH HERITAGE DRIVE, OFF HWY 395	HYDROTHERMAL	GEO THERMAL	DOUBLE-FLASH CYCLE	NO	0
2330	COSO 8 Energy Dvlps	Coso Energy Developers								0
2331	COSO 9 Energy Dvlps	Coso Energy Developers								0
2332	COSO 1 Fin Prtns	CAITHNESS ENERGY LLC	INYO		900 NORTH HERITAGE DRIVE, OFF HWY 395	HYDROTHERMAL	GEO THERMAL	DOUBLE-FLASH CYCLE	NO	0
2333	COSO 2 Fin Prtns	Coso Financial Partners								0
2334	COSO 3 Fin Prtns	Coso Financial Partners								0
2335	Cotia Cheese		LOS ANGELES		15130 EAST NELSON AVE	NATURAL GAS	OIL GAS	COGENERATION	YES	0
2336	Sonoma County Landfill	SONOMA COUNTY	SONOMA		500 MECHAM RD	NATURAL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2337	Cred GT									0
2338	CSC Western Center Cogeneration	COMPUTER SCIENCE CORPORATION	SAN DIEGO		5021 KEARNEY VILLA RD, BUILDING 80	NATURAL GAS	OIL GAS	TURBINE	YES	0
2339	CSU Humboldt		HUMBOLDT		1 HARPST STREET	NATURAL GAS	OIL GAS	0	YES	0
2340	CSU Long Beach Pool	CSU LONG BEACH	LOS ANGELES		1401 PAOLO VERBE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2341	Cymric 31X GTCG1	CHEVRON U.S.A.	KERN		WEST OF FRANCO WESTERN, SE OF CYMRIC ROAD	NATURAL GAS	OIL GAS	0	YES	0
2342	Cymric 31X GTCG2	Chevron USA								0
2343	Cymric 36W GTCG1	Chevron USA								0
2344	Cymric 36W GTCG2	Chevron USA								0
2345	Cymric 36W GTCG3	Chevron USA								0
2346	Cymric 36W GTCG4	Chevron USA								0
2347	Cymric 6Z GTCG1	Chevron USA								0
2348	Cymric 6Z GTCG2	Chevron USA								0
2349	Decent CCGT	DIAMOND ENERGY INC.	KERN		3300 MANOR STREET	NATURAL GAS/EOR	OIL GAS	GAS TURBINE	YES	0
2350	DAVID O HARDE		EL DORADO		0	HYDRO	HYDRO	0	NO	0
2351	Decogen		LOS ANGELES		444 NASH ST. (A GRANT STREET)	NATURAL GAS	OIL GAS	NATURAL GAS	YES	0
2352	DEEP SPRINGS COLLEGE	DEEP SPRINGS COLLEGE	INYO		350 LAGOON STREET	HYDRO	HYDRO	RUN-OF-RIVER	NO	0
2353	Hech	CALENERGY	IMPERIAL		7029 GENTRY ROAD	HYDROTHERMAL	GEO THERMAL	DOUBLE-FLASH CYCLE	NO	0
2354	DESERT POWER CO	DESERT POWER CO.	INYO		85 HIGHWAY 6	HYDRO	HYDRO	RUN-OF-RIVER	NO	0
2355	Diamond Walnut	DIAMOND WALNUT GROWERS	SAN JOAQUIN		1050 SOUTH DIAMOND STREET	AG. WASTE - WALNUT SH	BIOMASS	COGENERATION	YES	0
2356	Dinuba GTGC									0
2357	DOMINGUEZ GAP BARRIER	G SQUARED ENERGY	LOS ANGELES		218 PLACE AND ALAMEDA STREET	HYDRO	HYDRO	P.R. STATION	NO	0
2358	Double C GTCG1	DOUBLE "C" LIMITED	KERN		10245 OILFIELD ROAD	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2359	Double C GTCG2	El Paso Merchant Energy								0
2360	Doubtless Hotel	DOUBLE TREE HOTEL	VENTURA		2055 HARBOR BLVD.	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2361	Dress GT									0
2362	EAGLE HYDRO	EAGLE HYDRO PTNSP	EL DORADO		0	HYDRO	HYDRO	0	NO	0
2363	EAST PORTAL HYDRO CALLEGU	CALLEGUAS MWD	LOS ANGELES		OFF DEVONSHIRE ST. IN WEST CENTRAL PORTION OF CHATSWORTH PARK	HYDRO	HYDRO	PRESSURE-REDUCING STATION	NO	0
2364	Oakland Wastewater		ALAMEDA		2020 WAKE AVE	MSW	MSW	DIGESTER GAS	YES	0
2365	El Cajon GT (CalPeak)									0
2366	El Conquistador	EL CONQUISTADOR/NW MUTUAL LIFE	SAN DIEGO		5533 MONTEZUMA RD.	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2367	El Dorado									0
2368	EL DORADO HYDRO MONTGOMERY CRK	EL DORADO HYDRO	SHASTA		ROUTE 299 NORTH	HYDRO	HYDRO	0	NO	0
2369	El Segundo CCGG1	CHEVRON U.S.A.	LOS ANGELES		324 WEST EL SEGUNDO BLVD	NATURAL GAS	OIL GAS	STEAM TOPPING CYCLE	YES	0
2370	El Segundo CCGG2	Chevron Products Company / Gov	LOS ANGELES		324 WEST EL SEGUNDO BLVD	NATURAL GAS, BUTANE	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2371	El Segundo Refinery III	Chevron Products Company / Gov	LOS ANGELES		324 WEST EL SEGUNDO BLVD	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2372	Elmore	CALENERGY	IMPERIAL		786 WEST SINCLAIR ROAD	HYDROTHERMAL	GEO THERMAL	DOUBLE-FLASH CYCLE	NO	0
2373	Encina Water Pollution Control	ENCINA POLLUTION CONTROL	SAN DIEGO		6200 AVENIDA ENCINAS	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2374	Enterprise Escondido GT									0
2375	The Episcopal Home	THE EPISCOPAL HOME	LOS ANGELES		1428 S. MARENGO	NATURAL GAS	OIL GAS	GAS FUELED RECIPROCATING ENGINE	YES	0
2376	Escondido GT									0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Plant Rating	No. Cycling	No. Non Cycling	Start Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
2377	Monterey Country Club	THE MONTEREY COUNTRY CLUB	5000	115	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2378	Palm Valley Country Club	THE PALM VALLEY C C	5000	410	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2379	Vintage Country Club	RIDGEWOOD POWER CORP.	5000	600	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2380	Sanita Ynez CCGG	XGCON COMPANY, U.S.A.	5000	1700	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2381	Fairhaven	FAIRHAVEN POWER COMPANY	8000	1500	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2382	Falcon Foam Plastics	FALCON FOAM PLASTICS	8000	365	7	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2383	Feather River GT	XNGST65FOM	10000	45000	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2384	FALL CREEK	PCORP	0	2300	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2385	FLESH HYDRO	SPIC	0	2250	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2386	THE Forum #1	THE FORUM	5000	115	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Sep-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2387	FW Martinez CCGG	FOSTER WHEELER POWER SYSTEMS.	5000	105000	91	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2388	Fremont Landfill	PCORP	8000	2625	6	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2389	Fresno GT	XNGST65FOM	10000	49500	111	3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2390	Fresno CCGG	FRESNO COGENERATION PARTNERS	5000	25000	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2391	Fresno GTCC	XNGST65FOM	10000	22400	111	3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2392	Fresno Landfill WWTP	PCORP	8000	1300	6	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2393	FRIANT DAM	PCORP	0	25000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2394	Frito-Lay GTCC	FRITO-LAY INC	5000	4600	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2395	Gates GT	XNGST65FOM	10000	45000	111	3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2396	FULLERTON HYDRO PARTNERS	FULLERTON HYDRO PNRS	0	400	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2397	G SQUARED NRG ALAMITOS BARRIER	G SQUARED ENCY NO. 2	0	290	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2398	American Can Landfill	SOUTH NAPA WASTE AUTHORITY	8000	1350	7	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2399	Guadalupe Landfill	GUADALUPE RUBBISH DISPOSAL COM	8000	1996	7	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2400	Menlo Park Landfill	CITY OF MENLO PARK	8000	1900	7	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2401	Newly Island Landfill 2	BFI	8000	3738	2	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2402	Gaylord Container GTCC	Gaylord Container Corp.	5000	49700	91	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2403	Aldin 1-2	GEOHERMAL ENERGY PARTNERS	20000	18100	4	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Oct-03	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2404	Fi Bragg WWP 1	GEORGIA PACIFIC CORP	8000	500	7	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2405	Fi Bragg WWP 2	Georgia Pacific	10000	500	7	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2406	Fi Bragg WWP 3	Georgia Pacific	10000	500	7	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2407	Goal Line CCGG	Goal Line L.P.	5000	48100	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2408	Goose Haven GT	XNGST65FOM	10000	45000	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2409	GOLETA WATER DIST	GOLETA WATER DIST.	0	145	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2410	Great Western MILEAGE	PCORP	5000	750	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2411	Greenleaf One GTCC	CALPINE	5000	48100	91	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2412	Greenleaf Two GTCC	CALPINE	5000	48500	91	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2413	Grossmont Community College	GROSSMONT HOSPITAL COMM COLLEG	5000	200	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2414	Grossmont Hospital	GROSSMONT HOSPITAL COMM COLLEG	5000	1544	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2415	East 3rd St CCGG	GWF POWER SYSTEMS	10000	17100	27	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2416	Loveridge Road CCGG	GWF POWER SYSTEMS	10000	18000	27	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2417	Wilbur West CCGG	GWF POWER SYSTEMS	10000	17100	27	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2418	Wilbur East CCGG	GWF POWER SYSTEMS	10000	17700	27	2	-1	-1	01-Jan																									



Number	Name	Utility	Maxiumm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2377	Monterey Country Club	THE MONTEREY COUNTRY CLUB			FALSE		G0182	EUA/FRCH (MONTEREY COUNTRY CLUB)	EUA/FRCH ENERGY ASSOCIATES (MONTEREY COUNTRY CLUB)		
2378	Palm Valley Country Club	THE PALM VALLEY C C			FALSE		G0183	EUA/FRCH (PALM VALLEY COUNTRY CLUB)	EUA/FRCH ENERGY ASSOCIATES (PALM VALLEY COUNTRY CLUB)		
2379	Vintage Country Club	RIDGEWOOD POWER CORP			FALSE		G0184	EUA/FRCH (VINTAGE COUNTRY CLUB)	EUA/FRCH ENERGY ASSOCIATES (VINTAGE COUNTRY CLUB)		
2380	Santa Ynez CCGG	EXXON COMPANY, U.S.A.			FALSE		G0202	EXXON COMPANY, USA	SANTA YNEZ FACILITY		
2381	Fairhaven	FAIRHAVEN POWER COMPANY			FALSE		E0017	FABRIVAR POWER CO.			
2382	Falcon Foam Plastics	FALCON FOAM PLASTICS			FALSE		E0115	FALCON FOAM PLASTICS			
2383	Feather River GT				FALSE						
2384	FALL CREEK	PCORP			FALSE		H0177	FALL CREEK			
2385	FLESH HYDRO	SPIC			FALSE		H0184	FLESH HYDRO			
2386	The Forum #1	THE FORUM			FALSE		G0607	THE FORUM #1			
2387	FW Martinez CCGG	FOSTER WHEELER POWER SYSTEMS,			FALSE		G0613	FOSTER-WHEELER MARTINEZ COGEN L.P.	TOSCO MARTINEZ		
2388	Fremont Landfill				FALSE						
2389	Fresno GT				FALSE						
2390	Fresno CCGG	FRESNO COGENERATION PARTNERS			FALSE		G0584	FRESNO COGENERATION PARTNERS	AGRICO COGEN, SAN JOAQUIN COGEN		
2391	Fresno GTCG				FALSE						
2392	Fresno Landfill WWTP				FALSE		E0161	FRESNO WWTP			
2393	FRIANT DAM				FALSE		H0198	FRIANT DAM	FRIANT HYDROELECTRIC PROJECT		
2394	Frito-Lay GTCG	FRITO-LAY INC			FALSE		G0216	FRITO-LAY			
2395	Gates GT				FALSE						
2396	FULLERTON HYDRO PARTNERS	FULLERTON HYDRO PNRS			FALSE		H0199	FULLERTON HYDRO PARTNERS	FULLERTON HYDRO PARTNERS		
2397	G SQUARED NRG ALAMITOS BARRIER	G SQUARED ENGY NO. 2			FALSE		H0200	G SQUARED ENERGY (ALAMITOS BARRIER)			
2398	American Canyon Landfill	SOUTH NAPA WASTE AUTHORITY			FALSE		E0118	GAS RECOVERY SYSTEMS, (AMERICAN CYN)	AMERICAN CANYON SLP		
2399	Guadalupe Landfill	GUADALUPE RUBBISH DISPOSAL COM			FALSE		E0120	GAS RECOVERY SYSTEMS, (GUADALUPE)	GUADALUPE DISPOSAL SITE		
2400	Menlo Park Landfill	CITY OF MENLO PARK			FALSE		E0123	GAS RECOVERY SYSTEMS, (MENLO PARK)	MENLO PARK LF		
2401	Newby Island Landfill 2	BFI			FALSE		E0122	GAS RECOVERY SYSTEMS, (NEWBY ISLAND 2)			
2402	Gaylord Container GTCG	Gaylord Container Corp.			FALSE		E0224	GAYLORD CONTAINER			
2403	Aidlin 1-2	GEO THERMAL ENERGY PARTNERS			FALSE		T0076	GEO THERMAL ENERGY PARTNERS 2			
2404	Fi Bragg WWP 1	GEORGIA PACIFIC CORP			FALSE		E0039	GEORGIA PACIFIC CORP.	GEORGIA PACIFIC WEST INC.		
2405	Fi Bragg WWP 2	Georgia Pacific	-1	-1	FALSE						
2406	Fi Bragg WWP 3	Georgia Pacific	-1	-1	FALSE						
2407	Goal Line CCGG	Goal Line L.P.			FALSE		G0233	GOAL LINE			
2408	Goose Haven GT				FALSE						
2409	GOLETA WATER DIST	GOLETA WATER DIST.			FALSE		H0207	GOLETA WATER DISTRICT			
2410	Great Western Milling				FALSE		G0237	GREAT WESTERN MILLING COMPANY			
2411	Greenleaf One GTCG	CALPINE			FALSE		G0238	GREENLEAF UNIT ONE			
2412	Greenleaf Two GTCG	CALPINE			FALSE		G0239	GREENLEAF UNIT TWO			
2413	Grossmont Community College	GROSSMONT HOSPITAL COMM COLLEG			FALSE		G0240	GROSSMONT COMMUNITY COLLEGE			
2414	Grossmont Hospital	GROSSMONT HOSPITAL COMM COLLEG			FALSE		G0241	GROSSMONT HOSPITAL			
2415	East 9th CKCG	GWF POWER SYSTEMS			FALSE		C0008	GWF POWER SYSTEMS SITE #1			
2416	Loveridge Road CKCG	GWF POWER SYSTEMS			FALSE		C0009	GWF POWER SYSTEMS SITE #2			
2417	Wilbur West CKCG	GWF POWER SYSTEMS			FALSE		C0010	GWF POWER SYSTEMS SITE #3	WILBUR WEST POWER PLANT		
2418	Wilbur East CKCG	GWF POWER SYSTEMS			FALSE		C0011	GWF POWER SYSTEMS SITE #4	WILBUR EAST POWER PLANT		
2419	Nichols Road CKCG	GWF POWER SYSTEMS			FALSE		C0012	GWF POWER SYSTEMS SITE #5			
2420	Hanford CKCG	GWF POWER SYSTEMS			FALSE		C0007	HANFORD L.P.	HANFORD COGEN		
2421	Hanford GT1				FALSE						
2422	Hanford GT2				FALSE						
2423	Harbor CCGG				FALSE						
2424	Harbor GTCG				FALSE						
2425	HAT CREEK HEREFORD RANCH	ROBERT THOMPSON			FALSE		H0223	HAT CREEK HEREFORD RANCH			
2426	HAYPRESS HYDRO LOWER	HAYPRESS HYDROELECTRIC INC			FALSE		H0226	HAYPRESS HYDROELECTRIC (LOWER)	HAYPRESS CREEK LOWER		
2427	HAYPRESS HYDRO MIDDLE	HAYPRESS HYDROELECTRIC INC			FALSE		H0227	HAYPRESS HYDROELECTRIC (MIDDLE)	HAYPRESS CREEK (MIDDLE)		
2428	Covanta Heber	CALPINE/ERC			FALSE		T0033	HEBER GEOTHERMAL COMPANY	HEBER FIELD COMPANY		
2429	Hennietta Peaker GT1				FALSE						
2430	Hennietta Peaker GT2				FALSE						
2431	Henry Mayo Newhall Memorial Hospital	HENRY MAYO NEWHALL MEMORIAL			FALSE		G0251	HENRY MAYO NEWHALL MEMORIAL HOSPITAL			
2432	HENWOOD ASSOC	HESI			FALSE		H0429	HENWOOD ASSOCIATES	SALMON CREEK HYDROELECTRIC PROJEC		
2433	HENWOOD ASSOC - MILLNER CRK	HESI			FALSE		H0231	HENWOOD ASSOCIATES (MILLNER CREEK)			
2434	HI Power	HI POWER CO			FALSE		E0041	HI POWER	HONEY LAKE POWER COMPANY		
2435	HI HEAD HYDRO - PILUTE CREEK	HI HEAD HYDRO INC			FALSE		H0233	HI HEAD HYDRO (PILUTE CREEK)			
2436	High Sierra GTCG1	HIGH SIERRA LIMITED			FALSE		G0258	HIGH SIERRA LIMITED			
2437	High Sierra GTCG2	El Paso Merchant Energy			FALSE						
2438	High Winds Phase 1				FALSE						
2439	High Winds Phase 2				FALSE						
2440	Hotel del Coronado	HOTEL DEL CORONADO			FALSE		G0265	HOTEL DEL CORONADO			
2441	Hueneeme Paper CCGG	WILLIAMETTE INDUSTRIES INC			FALSE		G0677	HUENEME PAPER MILL	WILLIAMETTE INDUSTRIES		
2442	HUMBOLDT BAY MWD				FALSE		H0241	HUMBOLDT BAY MWD	GOSSELIN HYDROELECTRIC PLANT, HUMBOLDT		
2443	Humboldt Pulp Mill				FALSE		E0088	HUMBOLDT PULP MILL			
2444	Hunter Industries	HUNTER INDUSTRIES			FALSE		G0271	HUNTER INDUSTRIES			
2445	Imperial Resource Recovery	WESTERN POWER GROUP, INC			FALSE		E0042	IMPERIAL RESOURCE RECOVERY	IMERIAL RESOURCE RECOVERY ASSOCIATES or SCHOLL CANYON SLP		
2446	Indeck Ontario GTCG1	Indeck Capital, Inc.			FALSE		G0415	INDECK ONTARIO COGEN	ONTARIO COGENERATION (SUNKIST)		
2447	Indeck Ontario GTCG2	Indeck Capital			FALSE						
2448	INDIAN VALLEY HYDRO	CATALYST ENRGY DEVELOPMENT			FALSE		H0243	INDIAN VALLEY HYDRO			
2449	Ontario Mill GTCG	INLAND CONTAINER CORPORATION			FALSE		G0280	INLAND PAPERBOARD & PACKAGING	ONTARIO MILL or INLAND CONTAINER CORPORATION		
2450	IRON GATE	PCORP			FALSE		H0245	IRON GATE			
2451	IRVINE RANCH WATER DIST	IRVINE RANCH WTR DIS			FALSE		H0247	IRVINE RANCH WATER DISTRICT	TURTLE ROCK-QUAIL HILL		
2452	ISABELLA HYDRO	MAIN DAM CAMPGROUND			FALSE		H0094	ISABELLA HYDRO			
2453	Jackson Valley				FALSE		E0201	JACKSON VALLEY ENERGY			
2454	Vernon GTCG	Jefferson Smurfit Corp.			FALSE		G0145	JEFFERSON SMURFIT CORPORATION	CCOA VERNON COGEN		
2455	JOHN HOWARD MONTECTIO WTR	MONTECTIO WATER DIST			FALSE		H0254	JOHN E. HOWARD (MONTECTIO WATER DIST)	PICAY		
2456	Kaweah Delta District Hospital	KAWEAH DELTA HOSPITA			FALSE		G0288	KAWEAH DELTA DISTRICT HOSPITAL			
2457	KAWEAH RIV PWR AUTH TERM	KAWEAH RIVER POWER AUTHORITY			FALSE		H0262	KAWEAH RIVER POWER AUTHORITY (TERMINUS)	TERMINUS DAM		
2458	Kern Front GTCG1	DESTEC. ATTN: Owner, Kern Fron			FALSE		G0292	KERN FRONT LIMITED			
2459	Kern Front GTCG2	El Paso Merchant Energy			FALSE						
2460	King City GT				FALSE						
2461	Kings County State Prison GTCG				FALSE						
2462	KERN HYDRO OLCSE	OLCESE WATER DISTRICT			FALSE		H0367	KERN HYDRO (OLCESE)	RIO BRAVO HYDROELECTRIC		
2463	Kyocera	CALPINE			FALSE		G0298	KYOCERA INTERNATIONAL			
2464	LA Canada School				FALSE		G0300	LA CANADA USD (LA-CANADA SCHOOL)			
2465	LA Cold Storage ICCG1-3				FALSE						
2466	Lambie GT				FALSE						
2467	LA COUNTY FLOOD CONTROL	WEATHERLY PRIVATE CA			FALSE		H0291	LOS ANGELES COUNTY FLOOD CONTROL DISTRICT	BASIN BARRIER HYDROELECTRIC		
2468	LAKE HEMET MWD NORTH FORK	LAKE HEMET MWD			FALSE		H0281	LAKE HEMET MWD (NORTH FORK)			
2469	San Joaquin Landfill	CITY OF SANTA CRUZ			FALSE		E0132	LANDFILL GENERATING PINKS 1	DIMENO LANDFILL or SANTA CRUZ FACILITY - LANDFILL GR or SANTA CRUZ CITY SLP		
2470	LASSEN STATION CAMP CRK	LASSEN STATION HYDROELECTRIC L			FALSE		H0292	LASSEN STATION CAMP CREEK			
2471	Le Meridian Hotel	EUA-ONSITE ENERGY, L.P.			FALSE		G0310	LE MERIDEN HOTEL 1			
2472	Leathers	CALENERGY			FALSE		T0034	LEATHERS L.P.	LEATHERS, L.P. (NILAND #4)		
2473	Live Oak GTCG	LIVE OAK LIMITED			FALSE		G0315	LIVE OAK LIMITED			
2474	LJ STEPHENSON MIDDLE FORK	PCWA			FALSE		H0275	L.J. STEPHENSON (MIDDLE FORK)			
2475	LOFTON RANCH HYDRO	RUGRAW, INC.			FALSE		H0018	LOFTON RANCH HYDROELECTRIC			

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2377	Monterey Country Club	THE MONTEREY COUNTRY CLUB	RIVERSIDE		41500 MONTEREY AVE.	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2378	Palm Valley Country Club	THE PALM VALLEY C C	RIVERSIDE		39205 PALM VALLEY	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2379	Vintage Country Club	RIDGEWOOD POWER CORP	RIVERSIDE		75001 VINTAGE DRIVE WEST	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2380	Santa Ynez CCGG	EXCON COMPANY, U.S.A.	SANTA BARBARA		12000 CALLE REAL	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2381	Fairhaven	FAIRHAVEN POWER COMPANY	HUMBOLDT		97 BAY STREET (A NAVY BASE ROAD)	WOODWASTE	BIOMASS	GRATE BOILER	NO	0
2382	Falcon Foam Plastics	FALCON FOAM PLASTICS	LOS ANGELES		14110 TOWN AVE.	INDUSTRIAL WASTE	MSW	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2383	Feather River GT									0
2384	FALL CREEK	PCORP	SISKIYOU		0	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
2385	FLESH HYDRO	SPIC	SIERRA		LOCATED OFF I-80 ON TRUCKEE RIVER, 18 MI SW OF RENO	HYDRO	HYDRO	GRATE BOILER	NO	0
2386	The Forum #1	THE FORUM	LOS ANGELES		3900 W. MANCHESTER	NATURAL GAS	OIL GAS	GAS FUELED RECIPROCATING ENGINE	YES	0
2387	FW Martinez CCGG	FOSTER WHEELER POWER SYSTEMS,	CONTRA COSTA		550 SOLANO WAY	NATURAL GAS	OIL GAS	GAS TURBINE/HEAT RECOVERY STEAM GENERATR	YES	0
2388	Fremont Landfill									0
2389	Fresno GT									0
2390	Fresno CCGG	FRESNO COGENERATION PARTNERS	FRESNO		8105-B SOUTH LASSEN AVENUE	NATURAL GAS	OIL GAS	0	YES	0
2391	Fresno GTCCG									0
2392	Fresno Landfill WWTP		FRESNO		5607 WEST JENSON AVENUE	MSW	MSW	LANDFILL GAS	NO	0
2393	FRIANT DAM		MADERA		0	HYDRO	HYDRO	0	NO	0
2394	Frito-Lay GTCCG	FRITO-LAY INC	KERN		22801 HIGHWAY 58	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2395	Gates GT									0
2396	FULLERTON HYDRO PARTNERS	FULLERTON HYDRO PNRS	ORANGE		LAMBERT & EUCLID	HYDRO	HYDRO	PRESSURE-REDUCING STATION	NO	0
2397	G SQUARED NRG ALAMITOS BARRIER	G SQUARED ENGY NO. 2	LOS ANGELES		WOODRUFF AND WARDLOW	HYDRO	HYDRO	P.R. STATION	NO	0
2398	American Canyon Landfill	SOUTH NAPA WASTE AUTHORITY	NAPA		725 EUCALYPTUS DRIVE	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2399	Guadalupe Landfill	GUADALUPE RUBBISH DISPOSAL COM	SANTA CLARA		15999 GUADALUPE MINES ROAD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2400	Menlo Park Landfill	CITY OF MENLO PARK	SAN MATEO		1680 MARSH ROAD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2401	Newby Island Landfill 2	BFI	SANTA CLARA		1804 DIXON LANDING ROAD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2402	Gaylord Container GTCCG	Gaylord Container Corp.	CONTRA COSTA		2300 WILBUR AVENUE	NATURAL GAS	OIL GAS	0	NO	0
2403	Aidlin 1-2	GEOTHERMAL ENERGY PARTNERS	SONOMA		9500 GEYSERS ROAD	DRY STEAM	GEOTHERMAL	0	NO	0
2404	Fi Bragg WWP 1	GEORGIA PACIFIC CORP	MENDOCINO		90 WEST REDWOOD AVE.	WOODWASTE	BIOMASS	0	NO	0
2405	Fi Bragg WWP 2	Georgia Pacific								0
2406	Fi Bragg WWP 3	Georgia Pacific								0
2407	Goal Line CCGG	Goal Line L.P.	SAN DIEGO		555 NORTH TULIP STREET	NATURAL GAS	OIL GAS	COMBINED CYCLE	YES	0
2408	Goose Haven GT									0
2409	GOLETA WATER DIST	GOLETA WATER DIST.	SANTA BARBARA		6500 CATHEDRAL OAKS	HYDRO	HYDRO	P.R. STATION	NO	0
2410	Greenleaf Milling		LOS ANGELES		5945 MALT AVE.	NATURAL GAS	OIL GAS	GAS FUELED RECIPROCATING ENGINE	YES	0
2411	Greenleaf One GTCCG	CALPINE	SUTTER		5087 SOUTH TOWNSHIP ROAD (A BEST ROAD)	NATURAL GAS	OIL GAS	0	YES	0
2412	Greenleaf Two GTCCG	CALPINE	SUTTER		875 NORTH WALTON AVENUE	NATURAL GAS	OIL GAS	0	YES	0
2413	Grossmont Community College	GROSSMONT HOSPITAL COMM COLLEG	SAN DIEGO		8800 GROSSMONT COLLEGE DRIVE	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2414	Grossmont Hospital	GROSSMONT HOSPITAL COMM COLLEG	SAN DIEGO		5555 GROSSMONT CENTER DRIVE	NATURAL GAS	OIL GAS	GAS TURBINE	NO	0
2415	East 3rd CKCG	GWF POWER SYSTEMS	CONTRA COSTA		895 EAST 3RD STREET & HARBOR STREET)	PET COKE, CRUDE OIL	COAL	FLUIDIZED BOILER	NO	0
2416	Loveridge Road CKCG	GWF POWER SYSTEMS	CONTRA COSTA		1605 LOVERIDGE ROAD & EAST 14TH ST.	PET COKE, CRUDE OIL	COAL	FLUIDIZED BOILER	NO	0
2417	Wilbur West CKCG	GWF POWER SYSTEMS	CONTRA COSTA		1900 WILBUR AVENUE	PET COKE, CRUDE OIL	COAL	FLUIDIZED BOILER	NO	0
2418	Wilbur East CKCG	GWF POWER SYSTEMS	CONTRA COSTA		3400 WILBUR AVENUE (WEST OF HWY 160)	PET COKE, CRUDE OIL	COAL	FLUIDIZED BOILER	NO	0
2419	Nichols Road CKCG	GWF POWER SYSTEMS	CONTRA COSTA		555 NICHOLS ROAD	PET COKE, CRUDE OIL	COAL	FLUIDIZED BOILER	NO	0
2420	Hanford CKCG	GWF POWER SYSTEMS	KINGS		10596 IDAHO AVENUE	PETROLEUM COKE, CRUD	COAL	0	YES	0
2421	Hanford GT1									0
2422	Hanford GT2									0
2423	Harbor CCGG	Harbor CCGG								0
2424	Harbor GTCCG									0
2425	HAT CREEK HEREFORD RANCH	ROBERT THOMPSON	SHASTA		0	HYDRO	HYDRO	0	NO	0
2426	HAYPRESS HYDRO LOWER	HAYPRESS HYDROELECTRIC INC	SIERRA		0	HYDRO	HYDRO	0	NO	0
2427	HAYPRESS HYDRO MIDDLE	HAYPRESS HYDROELECTRIC INC	SIERRA		0	HYDRO	HYDRO	0	NO	0
2428	Covanta Heber	CALPINE/ERC	IMPERIAL		895 PITZER ROAD	HYDROTHERMAL	GEOTHERMAL	DOUBLE-FLASH CYCLE	NO	0
2429	Hennietta Peaker GT1									0
2430	Hennietta Peaker GT2									0
2431	Henry Mayo Newhall Memorial Hospital	HENRY MAYO NEWHALL MEMORIAL	LOS ANGELES		23845 W. MC BEAN PARKWAY	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2432	HENWOOD ASSOC	HESI	SIERRA		0	HYDRO	HYDRO	0	NO	0
2433	HENWOOD ASSOC - MILLNER CRK	HESI	MONO		0	HYDRO	HYDRO	RUN-OFF-RIVER	NO	0
2434	HL Power	HL POWER CO	LASSEN		732-025 WENDEL ROAD	WOODWASTE	BIOMASS	0	YES	0
2435	HI HEAD HYDRO - PILITE CREEK	HI HEAD HYDRO INC	MONO		0	HYDRO	HYDRO	RUN-OFF-RIVER	NO	0
2436	High Sierra GTCCG1	HIGH SIERRA LIMITED	KERN		10600 OILFIELD ROAD	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2437	High Sierra GTCCG2	El Paso Merchant Energy								0
2438	High Winds Phase 1									0
2439	High Winds Phase 2									0
2440	Hotel del Coronado	HOTEL DEL CORONADO	SAN DIEGO		1500 ORANGE AVE	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2441	Hueneume Paper CCGG	WILLIAMETTE INDUSTRIES INC	VENTURA		5936 PERKINS RD.	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2442	HUMBOLDT BAY MWD		TRINITY		0	HYDRO	HYDRO	0	NO	0
2443	Humboldt Pulp Mill		HUMBOLDT		1900 BENDEKSEN ROAD	WOODWASTE, HOG FUEL,	BIOMASS	0	YES	0
2444	Hunter Industries	HUNTER INDUSTRIES	SAN DIEGO		1940 DIAMOND ST.	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2445	Imperial Resource Recovery	WESTERN POWER GROUP, INC	IMPERIAL		3505 HIGHWAY 111	AG. & ANIMAL WASTE	BIOMASS	0	NO	0
2446	Indeck Ontario GTCCG1	Indeck Capital, Inc.	SAN BERNARDINO		705 EAST CALIFORNIA STREET	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2447	Indeck Ontario GTCCG2	Indeck Capital								0
2448	INDIAN VALLEY HYDRO	CATALYST ENERGY DEVELOPMENT	LAKE		4064 ACCESS ROAD	HYDRO	HYDRO	0	NO	0
2449	Ontario Mill GTCCG	INLAND CONTAINER CORPORATION	SAN BERNARDINO		5101 JURUPA STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2450	IRON GATE	PCORP	SISKIYOU		0	HYDRO	HYDRO	HYDRAULIC TURBINE - CONVENTIONAL	NO	0
2451	IRVINE RANCH WATER DIST	IRVINE RANCH WTR DIS	ORANGE		UNIVERSITY OF YALE, 3512 MICHELSON DRIVE	HYDRO	HYDRO	P.R. STATION	NO	0
2452	ISABELLA HYDRO	MAIN DAM CAMPGROUND	KERN		0	HYDRO	HYDRO	DAM-SITE HYDRO	NO	0
2453	Jackson Valley		AMADOR		4655 COAL MINE ROAD	MSW	MSW	0	YES	0
2454	Vernon GTCCG	Jefferson Smauff Corp.	LOS ANGELES		201 E. 57TH STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2455	JOHN HOWARD MONTECTO WTR	MONTECTO WATER DIST	SANTA BARBARA		0	HYDRO	HYDRO	P.R. STATION	NO	0
2456	Kaweah Delta District Hospital	CITY OF SANTA CRUZ	TULARE		310 SOUTHWEST STREET	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2457	KAWEAH RIV PWR AUTH TERM	KAWEAH RIVER POWER AUTHORITY	TULARE		TERMINUS DAM	HYDRO	HYDRO	DAM CONVENTIONAL	NO	0
2458	Kern Front GTCCG1	DESTEC. ATTN: Owner, Kern Fron	KERN		12241 OILFIELD ROAD	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2459	Kern Front GTCCG2	El Paso Merchant Energy								0
2460	King City GT									0
2461	Kings County State Prison GTCCG									0
2462	KERN HYDRO OLCSE	OLCSE WATER DISTRICT	KERN		16500 ROUTE 178	HYDRO	HYDRO	0	NO	0
2463	Kyoovera	CALPINE	SAN DIEGO		8611 BALBOA AVENUE	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2464	La Canada School		LOS ANGELES		4463 OAK GROVE DRIVE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2465	LA Cold Storage ICCG1-3									0
2466	Lambie GT									0
2467	LA COUNTY FLOOD CONTROL	WEATHERLY PRIVATE CA	LOS ANGELES		2155 E. EL SEGUNDO	HYDRO	HYDRO	P.R. STATION	NO	0
2468	LAKE HEMET MWD NORTH FORK	LAKE HEMET MWD	RIVERSIDE		48550 HIGHWAY 74	HYDRO	HYDRO	P.R. STATION	NO	0
2469	San Joaquin Landfill	CITY OF SANTA CRUZ	SANTA CRUZ		604 DIME LAKE	MSW	MSW	LANDFILL GAS	NO	0
2470	LASSEN STATION CAMP CRK	LASSEN STATION HYDROELECTRIC L	BUTTE		0	HYDRO	HYDRO	0	NO	0
2471	Le Meridian Hotel	EUA-ONSITE ENERGY, L.P.	SAN DIEGO		2000 SECOND ST.	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2472	Leathes	CALENERGY	IMPERIAL		342 WEST SINCLAIR ROAD	HYDROTHERMAL	GEOTHERMAL	DOUBLE-FLASH CYCLE	NO	0
2473	Live Oak GTCCG	LIVE OAK LIMITED	KERN		7001 GRANITE ROAD	NATURAL GAS	OIL GAS	0	YES	0
2474	LJ STEPHENSON MIDDLE FORK	PCWA	PLACER		0	HYDRO	HYDRO	L.J. STEPHENSON (MIDDLE FORK), WATER	NO	0
2475	LOFTON RANCH HYDRO	RUGRAW, INC.	SHASTA		1000 LOFTON RANCH ROAD	HYDRO	HYDRO	0	NO	0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Main Begin	Main End	Forced Outage	Main Rate	No. Cycling	Main Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Shape	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity
2476	Loma Linda U CCCC	LOMA LINDA UNIVERSITY	5000	300	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	15-Jul-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2477	Loma Linda U	LOMA LINDA UNIVERSITY	10000	100	111	3	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2478	Belmont Plaza Pool	CITY OF LONG BEACH	5000	120	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2479	SERRF MSW	SOUTH BEACH RR AUTHORITY	8000	30600	6	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2480	Los Alamitos Energy, LLC	LOS ALAMITOS ENERGY, LLC	8000	7000	7	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2481	Tosco GTCC1	Tosco Refining Co.	10000	2100	7	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2482	Tosco GTCC2	Tosco Refining	8000	400	7	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0
2483	Los Banos GT	LOS BANOS GT	10000	49900	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2484	Los Esteros GT1	LOS ESTEROS GT1	10000	48700	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2485	Los Esteros GT2	LOS ESTEROS GT2	10000	48700	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2486	Los Esteros GT3	LOS ESTEROS GT3	10000	48700	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2487	Los Esteros GT4	LOS ESTEROS GT4	10000	48700	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0
2488	LOWER TULE RIVER LAKE SUCCESS	LOWER TULE RIVER IRRIGATION DI	0	1500	1	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2489	Lundy (Thagard Oil)	LUNDAY THAGARD CO.	5000	400	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2490	Madera Power Facility	MADERA POWER FACILITY	8000	25000	7	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2491	MADERA CANAL 1174-84	MCPA	0	563	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2492	MADERA CANAL 1923	MCPA	0	925	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	29-May-01	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2493	MADERA CANAL STATION 1302	MCPA	0	424	2	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2494	MADERA CHOWCHILLA	MCPA	0	1800	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2495	MALACHA HYDRO LP	MALACHA HYDRO LIMITED PARTNERS	0	26000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2496	Mammoth Pacific III	OGDEN POWER CORPORATION	20000	8200	4	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Sep-00	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2497	Mammoth Pacific I	OGDEN POWER CORPORATION	20000	5100	47	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	02-Jul-01	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2498	Mammoth Pacific II	OGDEN POWER CORPORATION	20000	6700	4	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Sep-00	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2499	Marion Hotel & Marina I - North	MARRIOTT ENTERPRISES	5000	800	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	30-Jan-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2500	Marion Hotel & Marina II - South	MARRIOTT ENTERPRISES	5000	800	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	30-Jan-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2501	McAnally Refining	MCANALLY REFINING	8000	1200	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2502	McAnally Egg Ranch	MCANALLY REFINING	5000	1200	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2503	McKinrick GTCC	MCKINTRICK LIMITED	5000	4700	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2504	Medical Center Hospital	WESTNAVAFCENCOM_CODE 163	5000	2400	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2505	MEGA HYDRO I	MEGA HYDRO INC	0	1000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2506	MEGA RENEW BIDWELL DITCH	MEGA RENEWABLES	0	2000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2507	MEGA RENEW HATCHET CREEK	MEGA RENEWABLES	0	2000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2508	MEGA RENEW ROARING CRK	ROARING CREEK RANCH MEGA RENEW	0	2000	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2509	Metro Biometh	THERMO ECOTEK	8000	2500	7	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2510	MERCED ID PARKER	MEID	0	2690	1	2	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2511	Mercy Hospital II	MERCY HOSPITAL AND MEDICAL CEN	5000	800	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	15-Mar-03	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2512	Metal Surfaces	METAL SURFACES	5000	350	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2513	MH Whittier Cal	MH WHITTIER CAL	5000	500	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2514	Moss Plating	FOSS PLATING INC	5000	100	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2515	Lake Arrowhead Hilton	LAKE ARROWHEAD HILTON	5000	280	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2516	Quaker	TRAIN JOHNSON POWER	5000	100	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2517	Salt Plating	TRAIN JOHNSON POWER	5000	100	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0
2518	Mid-Set GTCC	Mid-Set Cogeneration Company	5000	44800	97	3	-1	-1																									

Number	Name	Utility	Maximm Storage	Initial Contants	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2476	Loma Linda U CCCC	LOMA LINDA UNIVERSITY			FALSE		G0517	LOMA LINDA UNIVERSITY			
2477	Loma Linda U IC				FALSE						
2478	Belmont Plaza Pool	CITY OF LONG BEACH			FALSE		G0117	CITY OF LONG BEACH (BELMONT PLAZA POOL)			
2479	SERRF MSW	SOUTHEAST RR AUTHORITY			FALSE		E0112	CITY OF LONG BEACH (SERRF)	SOUTHEAST RESOURCE RECOVERY FACILITY		
2480	Los Alamitos Energy	LOS ALAMOS ENERGY, LLC			FALSE		E0163	LOS ALAMOS ENERGY LLC			
2481	Tosco GTCC1	Tosco Refining Co.			FALSE		G0759	LOS ANGELES REFINERY			
2482	Tosco GTCC2	Tosco Refining Co.			FALSE						
2483	Los Banos GT				FALSE						
2484	Los Esteros GT1				FALSE						
2485	Los Esteros GT2				FALSE						
2486	Los Esteros GT3				FALSE						
2487	Los Esteros GT4				FALSE						
2488	LOWER TULE RIV ID LAKE SUCCESS	LOWER TULE RIVER IRRIGATION DI			FALSE		H0293	LOWER TULE RIVER ID (LAKE SUCCESS)			
2489	Lundy (Thagard Oil)	LUNDAY THAGARD CO.			FALSE		G0521	LUNDY (THAGARD OIL)			
2490	Madera Power Facility		-1	-1	FALSE						
2491	MADERA CANAL 1174-84	MCPA			FALSE		H0305	MADERA CANAL (1174 + 84)	STATION 1174-84 MADERA-CHOWCHILLA		
2492	MADERA CANAL 1923	MCPA			FALSE		H0306	MADERA CANAL (1923)	STATION 1923-10 MADERA-CHOWCHILLA		
2493	MADERA CANAL STATION 1302	MCPA			FALSE		H0309	MADERA CANAL STATION 1302	STATION 1302-10 MADERA-CHOWCHILLA		
2494	MADERA CHOWCHILLA	MCPA			FALSE		H0310	MADERA CHOWCHILLA	STATION 980-65 MADERA-CHOWCHILLA		
2495	MALACHA HYDRO LP	MALACHA HYDRO LIMITED PARTNERS			FALSE		H0311	MALACHA HYDRO L.P.	MUCK VALLEY HYDROELECTRIC PROJECT		
2496	Mammoth Pacific III	OGDEN POWER CORPORATION			FALSE		T0037	MAMMOTH PACIFIC #3			
2497	Mammoth Pacific I	OGDEN POWER CORPORATION			FALSE		T0035	MAMMOTH PACIFIC I			
2498	Mammoth Pacific II	OGDEN POWER CORPORATION			FALSE		T0036	MAMMOTH-PACIFIC II			
2499	Marriott Hotel & Marina I - North	MARRIOTT ENTERPRISES			FALSE		G0331	MARRIOTT HOTEL & MARINA I - NORTH			
2500	Marriott Hotel & Marina II - South	MARRIOTT ENTERPRISES			FALSE		G0332	MARRIOTT HOTEL & MARINA II - SOUTH			
2501	McAnally Refining CCG		-1	-1	FALSE						
2502	McAnally Egg Ranch				FALSE		G0334	MCANALLY EGG RANCH			
2503	McKittrick GTCC	MCKITTRICK LIMITED			FALSE		G0339	MCKITTRICK LIMITED			
2504	Medical Center Hospital	WESTNAVFACENCOM - CODE 163			FALSE		G0388	MEDICAL CENTER HOSPITAL			
2505	MEGA HYDRO1	MEGA HYDRO INC			FALSE		H0329	MEGA HYDRO	CLOVER CREEK (HYDRO PARTNERS)		
2506	MEGA RENEW BIDWELL DITCH	MEGA RENEWABLES			FALSE		H0323	MEGA RENEWABLES (BIDWELL DITCH)			
2507	MEGA RENEW HATCHET CREEK	MEGA RENEWABLES			FALSE		H0321	MEGA RENEWABLES (HATCHET CREEK)			
2508	MEGA RENEW ROARING CRK	ROARING CREEK RANCH MEGA RENEW			FALSE		H0322	MEGA RENEWABLES (ROARING CRK)	ROARING CREEK (MEGA RENEWABLES)		
2509	Mendota Biomass	THERRMO ECOTEK			FALSE		E0052	MENDOTA BIOMASS POWER			
2510	MERCED ID PARKER	MEID			FALSE		H0325	MERCED ID (PARKER)	RICHARD B. PARKER		
2511	Mercy Hospital II	MERCY HOSPITAL AND MEDICAL CEN			FALSE		G0341	MERCY HOSPITAL II			
2512	Metal Surfaces				FALSE		G0343	METAL SURFACES			
2513	M H Whittier Cal				FALSE		G0322	M.H. WHITTIER CAL			
2514	Foss Planting	FOSS PLATING INC			FALSE		G0349	MICRO UTILITY (FOSS PLANTING)	MICRO UTILITY PARTNERS OF AMERICA (FOSS PLANTING)		
2515	Lake Arrowhead Hilton	LAKE ARROWHEAD HILTON			FALSE		G0345	MICRO UTILITY (LAKE ARROWHEAD HILTON)	MICRO UTILITY PARTNERS (L.K. ARROWHEAD HILTON)		
2516	Quaker	TRAIN JOHNSON POWER			FALSE		G0352	MICRO UTILITY (QUAKER)	MICRO UTILITY PARTNERS OF AMERICA (QUAKER)		
2517	Safe Planting	TRAIN JOHNSON POWER			FALSE		G0353	MICRO UTILITY (SAFE PLANTING)	MICRO UTILITY PARTNERS OF AMERICA (SAFE PLTNG)		
2518	Mid-Set GTCC	Mid-Set Cogeneration Company			FALSE		G0355	MID-SET COGENERATION			
2519	Midsun GTCC1	LFC Power Systems Corp.			FALSE		G0356	MIDSUN PARTNERS			
2520	Midsun GTCC2	Energy Transfer/Hannover			FALSE						
2521	MILL AND SULPHUR CRK PROJ	MILLS & SULPHUR CREEK POWER PL			FALSE		H0329	MILL AND SULPHUR CREEK PROJECT			
2522	MM Lopez	MINNESOTA METHANE			FALSE		E0168	MINNESOTA METHANE (LOPEZ)	CITY OF L.A. LOPEX CANYON LANDFILL		
2523	MM BKK I	BKK CORPORATION			FALSE		E0152	MINNESOTA METHANE (BKKI)	MM WEST COVINA LLC 1 or BKK LANDFILL PHASE I		
2524	MM BKK II	BKK CORPORATION			FALSE		E0153	MINNESOTA METHANE (BKKII)	BKK LANDFILL II or MM WEST COVINA LLC II		
2525	Miramar GT	DYNERGY POWER AND NRG ENERGY.			FALSE		G0360	MIRAMAR			
2526	MM West Covina 1				FALSE						
2527	MM West Covina 2				FALSE						
2528	MIRAMAR HYDRO FACIL	SD COUNTY WATER AUTHORITY			FALSE		H0335	MIRAMAR HYDRO FACILITY	ESCONDIDO HYDRO		
2529	MM Woodville rerate	MM WOODVILLE ENERGY LLC			FALSE		E0196	MM WOODVILLE	WOODVILLE DISPOSAL SITE		
2530	Mojave CCG	MOJAVE COGENERATION CO			FALSE		G0366	MOJAVE COGENERATION			
2531	MONTE VISTA WTR DIST	MONTE VISTA WTR DIST			FALSE		H0340	MONTE VISTA WATER DISTRICT			
2532	MONTEREY CTY RES AGENCY	MONTEREY CO FC & WCD			FALSE		H0341	MONTEREY COUNTY RES AGENCY	NACIMIENTO HYDROELECTRIC PROJECT		
2533	Sunnyside GTCC				FALSE		G0589	MONTEREY POWER COMPANY	SUNNYSIDE COGEN		
2534	Monterey Landfill	MONTEREY REGIONAL WAST MGMT DI			FALSE		E0135	MONTEREY REGIONAL WASTE MANAGEMEN DIST	MONTEREY PENINSULA SLF		
2535	Mt Poso CCLG	Pyro-Pacific Operating Co.			FALSE		C0016	MT. POSO COGEN			
2536	Mule Creek State Prison	MULE CREEK STATE PRISON			FALSE		G0378	MULE CREEK STATE PRISON			
2537	MUNI WTR DIST ORANGE CTY	MWD OF ORANGE COUNTY			FALSE		H0345	MUNICIPAL WATER DIST OF ORANGE COUNTY			
2538	Municipal Cogen	CITY OF PALM SPRINGS			FALSE		G0119	MUNICIPAL COGEN			
2539	Napa State Hospital				FALSE		G0387	NAPA STATE HOSPITAL			
2540	NELSON CRK HYDRO	NELSON CREEK POWER INC			FALSE		H0349	NELSON CREEK HYDROELECTRIC			
2541	NEW SPICER MEADOW	CCWD			FALSE		H0356	NEW SPICER MEADOW	NEW SPICER		
2542	Newby Island Landfill 1	BFI			FALSE		E0179	NEWBY LAND			
2543	North Island EF CCG	SITHE-ENERGIES GROUP			FALSE		G0399	NORTH ISLAND ENERGY FACILITY			
2544	Contra Costa Landfill				FALSE		E0137	NOVE INVESTMENTS			
2545	NP CCG	GE Contractual Services			FALSE		G0203	N.P. COGENERATION, INC	FPB COGENERATION PARTNERS, L.P.		
2546	NTC MCRD EF CCG	SITHE-ENERGIES GROUP			FALSE		G0386	NTC MCRD ENERGY FACILITY			
2547	NTC MCRD Steam Turbine	SITHE-ENERGIES GROUP			FALSE		H0607	NTC MCRD STEAM TURBINE			
2548	Welpport				FALSE		G0644	NUOVO ENERGY COMPANY (WELPORT)			
2549	Nuevo Energy GTCC	UNOCAL			FALSE		G0627	NUOVO ENERGY COMPANY (DOME)			
2550	Kelco GTCC1	KELCO - DIVISION OF MERCK & CO.			FALSE		G0290	NUTRA SWEET KELCO			
2551	Kelco GTCC2	Merck			FALSE						
2552	Kelco GTCC3	Merck			FALSE						
2553	O'Brien CCG	O'BRIEN CALIFORNIA COGEN LTD			FALSE		G0401	O'BRIEN CALIFORNIA COGEN (CAL MILK)	CALIFORNIA MILK PRODUCERS		
2554	Corona Landfill	O'BRIEN ENERGY SYSTEM			FALSE		E0139	O'BRIEN ENERGY SYSTEMS, INC. (COR)			
2555	O'Brien GTCC				FALSE		G0760	O'BRIEN ENERGY SYSTEMS (SANTA MARIA)			
2556	Occidental of Elk Hills GTCC				FALSE						
2557	Santa Clara Landfill	CITY OF SANTA CLARA			FALSE		E0141	OGDEN PACIFIC POWER (SANTA CLARA)	SANTA CLARA POWER STATION or CITY OF SANTA CLARA LF		
2558	Salinas Landfill				FALSE		E0144	OGDEN PACIFIC POWER (SALINAS)	SALINAS POWER STATION		
2559	Austin Road Landfill	CITY OF STOCKTON			FALSE		E0145	OGDEN PACIFIC POWER (STOCKTON)	STOCKTON POWER STATION - AUSTIN ROAD LF		
2560	Burney Mountain	OGDEN ENERGY GROUP, INC.			FALSE		E0006	OGDEN POWER PACIFIC, INC. (BURNEY)	BURNEY MOUNTAIN POWER		
2561	Chinese Station	PAC ENERGY, ULTRASYS, CONS			FALSE		E0100	OGDEN POWER PACIFIC, INC. (CHINESE STATION)	PACIFIC-ULTRAPOWER CHINESE STATION		
2562	Mt Lassen Power	PLES AND ULTRASYS			FALSE		G0609	OGDEN POWER PACIFIC, INC. (MT. LASSEN)	MT. LASSEN POWER		
2563	Oildale GTCC	OILDAL ENERGY LLC			FALSE		G0609	OILDAL ENERGY LLC			
2564	Olinda Alpha Landfill	ORANGE COUNTY IWD			FALSE		E0109	OLINDA POWER	OLINDA ALPHA SLF		
2565	OLIVENHAIN MUNI WTR DIST	OLIVENHAIN MUNICIPAL WATER DIS			FALSE		H0369	OLIVENHAIN MUNICIPAL WATER DISTRICT	ROGER MILLER HYDRO		
2566	Agnews CCG	CALPINE			FALSE		G0221	OLS ENERGY - AGNEWS, INC.	AGNEWS STATE HOSPITAL		
2567	OLSEN PWR PARTNERS	OLSEN POWER PTNS			FALSE		H0371	OLSEN POWER PARTNERS			
2568	OCSD Plant 1	ORANGE COUNTY SANITATION DISTR			FALSE		G0483	ORANGE COUNTY SANITATION DISTRICT PLANT 1	RECLAMATION PLANT #1-FOUNTAIN VALLEY		
2569	Ormesa II	FPL ENERGY, INC.			FALSE		T0043	ORMESA GEOTHERMAL II			
2570	Ormesa I	OESI POWER CORPORATION			FALSE		T0062	ORMESA I, IE, IIE			
2571	Ormesa IE	OESI POWER CORPORATION			FALSE		T0063	ORMESA IE			
2572	Ormesa IH	OESI POWER CORPORATION			FALSE		T0066	ORMESA IH			
2573	Oroville ICCG	LOUISIANA PACIFIC CORPORATION			FALSE		G0424	OROVILLE COGENERATION			
2574	Otay I Power Station	OGDEN ENERGY GROUP, INC.			FALSE		E0061	OTAY I POWER STATION			

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2476	Loma Linda U CCCC	LOMA LINDA UNIVERSITY	SAN BERNARDINO		11100 ANDERSON ST	NATURAL GAS	OIL GAS	CT PROCESS STEAM PLANT/TOPPING	YES	0
2477	Loma Linda U IC									0
2478	Belmont Plaza Pool	CITY OF LONG BEACH	LOS ANGELES		4000 OLYMPIC PLAZA	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2479	SERRF MSW	SOUTHEAST RR AUTHORITY	LOS ANGELES		120 HENRY FORD AVENUE	MSW	MSW	MUNICIPAL SOLID WASTE	NO	0
2480	Los Alamitos Energy	LOS ALAMOS ENERGY, LLC	SANTA BARBARA			MSW	MSW	RECIPROCATING ENGINE	NO	0
2481	Tosco GTCC1	Tosco Refining Co.	LOS ANGELES		1660 WEST ANAHEIM STREET	NATURAL GAS, REFINER	OIL GAS	0	YES	0
2482	Tosco GTCC2	Tosco Refining Co.								0
2483	Los Banos GT									0
2484	Los Esteros GT1									0
2485	Los Esteros GT2									0
2486	Los Esteros GT3									0
2487	Los Esteros GT4									0
2488	LOWER TULE RIV ID LAKE SUCCESS	LOWER TULE RIVER IRRIGATION DI	TULARE		0	HYDRO	HYDRO	DAM SITE HYDRO	NO	0
2489	Lundy (Thagard Oil)	LUNDAY THAGARD CO.	LOS ANGELES		9301 SOUTH GARFIELD AVENUE	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2490	Madera Power Facility									0
2491	MADERA CANAL 1174-84	MCPA	MADERA		0	HYDRO	HYDRO	0	NO	0
2492	MADERA CANAL 1923	MCPA	MADERA		0	HYDRO	HYDRO	0	NO	0
2493	MADERA CANAL STATION 1302	MCPA	MADERA		0	HYDRO	HYDRO	0	NO	0
2494	MADERA CHOWCHILLA	MCPA	MADERA		0	HYDRO	HYDRO	0	NO	0
2495	MALACHA HYDRO LP	MALACHA HYDRO LIMITED PARTNERS	LASSEN		MUCK VALLEY ACCESS RD, MILE W OF NUBIEBER, HWY 299	HYDRO	HYDRO	0	NO	0
2496	Mammoth Pacific III	OGDEN POWER CORPORATION	MONO		JUNCTION OLD HWY 395 & HWY 203	HYDROTHERMAL	GEO THERMAL	BINARY CYCLE	NO	0
2497	Mammoth Pacific I	OGDEN POWER CORPORATION	MONO		JUNCTION OLD HWY 395 & HWY 203	HYDROTHERMAL	GEO THERMAL	BINARY CYCLE	NO	0
2498	Mammoth Pacific II	OGDEN POWER CORPORATION	MONO		JUNCTION OLD HWY 395 & HWY 203	HYDROTHERMAL	GEO THERMAL	BINARY CYCLE	NO	0
2499	Marriott Hotel & Marina I - North	MARRIOTT ENTERPRISES	SAN DIEGO		333 WEST HARBOR DR.	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2500	Marriott Hotel & Marina II - South	MARRIOTT ENTERPRISES	SAN DIEGO		333 WEST HARBOR DR.	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2501	Marinez Refining CCG									0
2502	McAnally Egg Ranch		SAN BERNARDINO		0	NATURAL GAS	OIL GAS	NATURAL GAS	YES	0
2503	McKittrick GTCC	MCKITTRICK LIMITED	KERN		4905 WEST REWARD ROAD	NATURAL GAS	OIL GAS	0	YES	0
2504	Medical Center Hospital	WESTNAVAFACENCOM - CODE 163	SAN DIEGO		100 BALBOA PARK, 34800 BOB WILSON DRIVE	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2505	MEGA HYDRO1	MEGA HYDRO INC	SHASTA			HYDRO	HYDRO	0	NO	0
2506	MEGA RENEW BIDWELL DITCH	MEGA RENEWABLES	SHASTA		WILCOX ROAD	HYDRO	HYDRO	0	NO	0
2507	MEGA RENEW HATCHET CREEK	MEGA RENEWABLES	SHASTA		COVE ROAD	HYDRO	HYDRO	0	NO	0
2508	MEGA RENEW ROARING CRK	ROARING CREEK RANCH MEGA RENEW	SHASTA		COVE ROAD	HYDRO	HYDRO	0	NO	0
2509	Merced Biomass	THERMO ECOTEK	FRESNO		400 GUILLEN PARKWAY	AG. & WOODWASTE	BIOMASS	FLUIDIZED BOILER BIOMASS & NATURAL GAS	YES	0
2510	MERCED ID PARKER	MEID	MERCED		EAST OF SNELLING RD.	HYDRO	HYDRO	HYDRAULIC TURBINE PIPELINE WATER	NO	0
2511	Mercy Hospital II	MERCY HOSPITAL AND MEDICAL CEN	SAN DIEGO		4077 5TH AVE.	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2512	Metal Surfaces		LOS ANGELES		6060 SHULL STREET	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2513	Met Whiner Cal		KERN		MIDWAY SUNSET OIL FIELD	NATURAL GAS	OIL GAS	0	NO	0
2514	Foss Plating	FOSS PLATING INC	LOS ANGELES		8140 SECURA WAY	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2515	Lake Arrowhead Hilton	LAKE ARROWHEAD HILTON	SAN BERNARDINO		27984 HIGHWAY 189	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2516	Quaker	TRAIN JOHNSON POWER	LOS ANGELES		7937 CHATFIELD	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2517	Safe Plating	TRAIN JOHNSON POWER	LOS ANGELES		18001 RAILROAD STREET	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2518	Mid-Set GTCC	Mid-Set Cogeneration Company	KERN		1705 SHALE ROAD	NATURAL GAS	OIL GAS	0	YES	0
2519	Midsun GTCC1	LFC Power Systems Corp.	KERN		3344 CROCKER SPRINGS ROAD	NATURAL GAS	OIL GAS	0	YES	0
2520	Midsun GTCC2	Energy Transfer/Hannover			0	HYDRO	HYDRO	0	NO	0
2521	MILL AND SULPHUR CRK PROJ	MILLS & SULPHUR CREEK POWER PL	HUMBOLDT		0	HYDRO	HYDRO	0	NO	0
2522	MM Loper	MINNESOTA METHANE	LOS ANGELES		11950 LOPEZ CANYON ROAD	MSW	MSW	RECIPROCATING ENGINE	NO	0
2523	MM BKK I	BKK CORPORATION	LOS ANGELES		2210 SOUTH AZUSA AVENUE	MSW	MSW	LANDFILL GAS RECOVERY, STEAM TURBINE	NO	0
2524	MM BKK II	BKK CORPORATION	LOS ANGELES		2210 SOUTH AZUSA AVENUE	MSW	MSW	LANDFILL GAS RECOVERY, STEAM TURBINE	NO	0
2525	Miramar GT	DYNERGY POWER AND NRG ENERGY.	SAN DIEGO		6897 CONSOLIDATED WAY	NATURAL GAS	OIL GAS	COMBUSTION TURBINE	NO	0
2526	MM West Covina 1									0
2527	MM West Covina 2									0
2528	MIRAMAR HYDRO FACIL	SD COUNTY WATER AUTHORITY	SAN DIEGO		610 W. 5TH AVENUE	HYDRO	HYDRO	HYDROELECTRIC	NO	0
2529	MM Woodville rerate	MM WOODVILLE ENERGY LLC	TULARE		0	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2530	Mojave CCG	MOJAVE COGENERATION CO	KERN		14486 BORAX ROAD (8 SUCKOW ROAD)	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2531	MONTE VISTA WTR DIST	MONTE VISTA WTR DIST	SAN BERNARDINO		5501 ARROW HIGHWAY	HYDRO	HYDRO	P.R. STATION	NO	0
2532	MONTEREY CTY RES AGENCY	MONTEREY CO FC & WCD	SAN LUIS OBISPO		0	HYDRO	HYDRO	0	NO	0
2533	Sunnyvale GTCC		MONTEREY		430 ESPINOSA ROAD	NATURAL GAS	OIL GAS	0	YES	0
2534	Monterey Landfill	MONTEREY REGIONAL WAST MGMT DI	MONTEREY		14201 DEL MONTE BLVD	MSW	MSW	LANDFILL GAS	NO	0
2535	Mt Paso CCLG	Pyro-Pacific Operating Co.	KERN		36157 FAMOSA WOODY ROAD	FOR. NATURAL GAS	COAL	CIRCULATING FLUIDIZED BED COMBUSTOR	YES	0
2536	Mule Creek State Prison	MULE CREEK STATE PRISON	AMADOR		4001 HIGHWAY 104	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION ENGINE	YES	0
2537	MUNI WTR DIST ORANGE CTY	MWD OF ORANGE COUNTY	ORANGE		0	HYDRO	HYDRO	P.R. STATION	NO	0
2538	Municipal Cogen	CITY OF PALM SPRINGS	RIVERSIDE		205 NORTH EL CIELO	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2539	Napa State Hospital		NAPA		2100 NAPA VILLEGIO	NATURAL GAS	OIL GAS	0	YES	0
2540	NELSON CRK HYDRO	NELSON CREEK POWER INC	SHASTA		NELSON CREEK ROAD	HYDRO	HYDRO	0	NO	0
2541	NEW SPICER MEADOW	CCWD	TUOLUMNE		0	HYDRO	HYDRO	0	NO	0
2542	Newby Island Landfill 1	BFI	SANTA CLARA		0	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2543	North Island EF CCG	SITHE-ENERGIES GROUP	SAN DIEGO		END OF HWY 282, WEST OF ORANGE AVE, ROGERS ROAD AT QUAY STREET	STEAM & NATURAL GAS	OIL GAS	COMBINED CYCLE	YES	0
2544	Contra Costa Landfill		CONTRA COSTA		FOOT OF PARR BLVD. AT W CONTRA COSTA CNTY LANFILL	LANDFILL GAS	LANDFILL GAS	INTERNAL COMBUSTION ENGINE	NO	0
2545	NP CCGC	GE Contractual Services	LOS ANGELES		5605 EAST 61ST STREET	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2546	NTC MCRD EF CCGC	SITHE-ENERGIES GROUP	SAN DIEGO		NTC/MCRD BLDG 366, END OF NEVILLE RD	STEAM & NATURAL GAS	OIL GAS	COMBINED CYCLE	YES	0
2547	NTC/MCRD Steam Turbine	SITHE-ENERGIES GROUP	SAN DIEGO		NTC/MCRD BLDG 366, END OF NEVILLE RD	STEAM TURBINE	OIL GAS	STEAM TURBINE	YES	0
2548	Welport		KERN		1 MILE SOUTH OF CYMRIC RD, OFF FRANCO WESTERN RD	NATURAL GAS	OIL GAS	0	YES	0
2549	Nuevo Energy GTCC	UNOCAL	KERN		HIGHWAY 33 & SHALE ROAD	NATURAL GAS	OIL GAS	0	YES	0
2550	Kelco GTCC1	KELCO - DIVISION OF MERCK & CO.	SAN DIEGO		2145 EAST BELT STREET	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2551	Kelco GTCC2	Merk								0
2552	Kelco GTCC3	Merk								0
2553	O'Brien CCG	O'BRIEN CALIFORNIA COGEN LTD	LOS ANGELES		17306 FALLON AVENUE	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2554	Corona Landfill	O'BRIEN ENERGY SYSTEM	RIVERSIDE		1300 MAGNOLIA AVENUE	MSW	MSW	LANDFILL GAS RECOVERY	NO	0
2555	O'Brien GTCC		SANTA BARBARA		1660 SINTON ROAD	NATURAL GAS	OIL GAS	0	YES	0
2556	Occidental of Elk Hills GTCC									0
2557	Santa Clara Landfill	CITY OF SANTA CLARA	SANTA CLARA		5401 LAFAYETTE STREET	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2558	Salinas Landfill		MONTEREY		350 CRAZY HORSE CANYON ROAD	MSW	MSW	LANDFILL GAS	NO	0
2559	Aspen Road Landfill	CITY OF STOCKTON	SAN JOAQUIN		9075 ALISTER ROAD	MSW	MSW	LANDFILL GAS	NO	0
2560	Barney Mountain	OGDEN ENERGY GROUP, INC.	SHASTA		HWY 299 EAST AND ENERGY DRIVE	WOODWASTE	BIOMASS	0	YES	0
2561	Chinese Station	PAC ENERGY, ULTRASYS, CONS	TUOLUMNE		8755 ENTERPRISE DRIVE	WOODWASTE	BIOMASS	0	NO	0
2562	Mt Lassen Power	PLES AND ULTRASYS	LASSEN		COUNTY ROAD A-21	WOODWASTE	BIOMASS	0	YES	0
2563	Oildale GTCC	OILDALE ENERGY LLC	KERN		1134 MANOR STREET (8 NORRIS RD)	NATURAL GAS	OIL GAS	0	NO	0
2564	Olinda Alpha Landfill	ORANGE COUNTY IWD	ORANGE		1942 VALENCIA BLVD	MSW	MSW	RECIPROCATING ENGINE	NO	0
2565	OLIVENHAIN MUNI WTR DIST	OLIVENHAIN MUNICIPAL WATER DIS	SAN DIEGO		1966 OLIVENHAIN RD.	HYDRO	HYDRO	HYDROELECTRIC	NO	0
2566	Agnew CCG	CALPINE	SANTA CLARA		3530 ZANKER ROAD	NATURAL GAS	OIL GAS	0	YES	0
2567	OLSEN PWR PARTNERS	OLSEN POWER PTNS	SHASTA		0	HYDRO	HYDRO	0	NO	0
2568	OCNG Plant 1	ORANGE COUNTY SANITATION DISTR	ORANGE		10844 ELLIS AVENUE	HYDRO	HYDRO	GAS-FUELED RECIPROCATING ENGINE	YES	0
2569	Ormesa II	FPL ENERGY, INC.	IMPERIAL		3304 E. EVAN HEWES HIGHWAY	HYDROTHERMAL	GEO THERMAL	BINARY CYCLE	NO	0
2570	Ormesa I	OESI POWER CORPORATION	IMPERIAL		3300 E. EVAN HEWES HIGHWAY	HYDROTHERMAL	GEO THERMAL	BINARY CYCLE	NO	0
2571	Ormesa IE	OESI POWER CORPORATION	IMPERIAL		3300 E. EVAN HEWES HIGHWAY	HYDROTHERMAL	GEO THERMAL	BINARY CYCLE	NO	0
2572	Ormesa IH	OESI POWER CORPORATION	IMPERIAL		3300 E. EVAN HEWES HIGHWAY	HYDROTHERMAL	GEO THERMAL	BINARY CYCLE	NO	0
2573	Onsville ICCG	LOUISIANA PACIFIC CORPORATION	BUTTE		695 CAL OAK DRIVE	NATURAL GAS	OIL GAS	INTERNAL COMBUSTION ENGINE	YES	0
2574	Otay I Power Station	OGDEN ENERGY GROUP, INC.	SAN DIEGO		1600 MAXWELL ROAD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Main Begin	Main End	Forced Outage	Main Rate	Non Cyclic	Main Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOX Emission Rate	SO2 Emission Rate	Recharge Capacity		
2575	Oxay Landfill 2	ALLIED WASTE	8000	1196	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2576	Oxnard High School	OXNARD HIGH SCHOOL	8000	120	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2577	Oxnard Landfill	J & C PROPERTIES, ET AL.	8000	5096	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2578	Oxnard WWP1	CITY OF OXNARD	5000	1500	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2579	Oxnard GTCG1	National Gas & Electric	5000	1800	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2580	Oxnard GTCG2	PROCTER & GAMBLE	5000	34700	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2581	Pacific Bell GT		5000	4900	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2582	Pacific Lumber 1	CIFIC LUMBER COMPANY	8000	10000	7	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2583	Pacific Lumber 2	Pacific Lumber Company	8000	10000	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	20	-	31-Dec-99	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	-	102	0	0	0	
2584	Palo Alto Landfill	CITY OF PALM SPRINGS	8000	250	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2585	Sumrise Plaza	CITY OF PALM SPRINGS	5000	641	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2586	Palo Alto Landfill	CITY OF PALO ALTO	8000	1000	97	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2587	Palomar Medical Center	PALOMAR POMERADO HOSPITAL DIST	5000	1300	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2588	Palms Verde	L.A. COUNTY SANITATION DISTRICT	8000	11400	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2589	Panoche GT		10000	49100	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	20	-	31-Dec-99	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	-	-	102	0	0	
2590	PAN PAC HYDRO WEBER FLAT	PAN PACIFIC HYDRO INC	0	975	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Apr-03	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2591	Paper Pak Products	PAPER PAK PRODUCTS	5000	1400	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2592	PCA Metal Finishing		5000	100	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2593	UC Berkeley CCCC	PE-Berkeley, Inc (Lessee)	5000	25500	91	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Aug-01	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2594	Kingsburg CCCC	PE Management-Kingsburg, LLC	5000	33000	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2595	Penrose Power Station	OGDEN ENERGY GROUP, INC.	8000	10885	6	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Jan-00	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2596	Petrominerals	PETROMINERALS CORP	5000	500	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2597	Pitchee CCCC	Pitchee Cogen, Los Angeles Co	5000	23600	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2598	Pittsburg GTCG1		10000	18000	91	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2599	Pittsburg GTCG2		10000	24000	91	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2600	Pittsburg GTCG3		10000	24000	91	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2601	Piacentia GTCG1	ARCO	5000	20000	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2602	Piacentia GTCG2	ARCO WESTERN ENERGY	5000	20000	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2603	OPCD Plant 2	ORANGE COUNTY SANITATION DISTRICT	8000	1200	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2604	PLES 1	MAMMOTH PACIFIC LP	20000	7300	27	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2605	Pomerado Hospital	PALOMAR POMERADO HOSPITAL DIST	5000	350	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2606	Pomona Power Facility	POMONA G P INC	5000	3300	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	18-May-01	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2607	Pomona Valley Community Hospital	POMONA VALLEY COMMUNITY HOSPIT	5000	800	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2608	Port Rockwell CCLG	PROSPECT POWER CO.	10000	38700	27	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	102	0	0	
2609	PRATHER CRK	TKO POWER	0	100	1	2	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2610	MM Prima Descheba	ORANGE COUNTY L.W.M.	8000	5210	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2611	Gaviota GTCG1	CHEVRON U.S.A.	5000	2700	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	28-May-01	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2612	Gaviota GTCG2	Chevron USA	8000	2700	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	125	0	0	
2613	Gaviota GTCG3	Chevron USA	8000	2700	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	125	0	0	
2614	Gaviota GTCG4	Chevron USA	8000	2700	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	125	0	0	
2615	Pl Loma Sewage Treatment	SAN DIEGO WATER UTILITIES	8000	1890	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2616	Puente Hills 1	L.A. COUNTY SANITATION DISTRICT	8000	44200	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2617	Puente Hills 2	L.A. COUNTY SANITATION DISTRICT	8000	3500	7	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	-	-	0	0	0	
2618	Qualcomm	HOME FED BANK	5000	2250	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-</										

Number	Name	Utility	Maximum Storage	Initial Contests	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2575	Otay Landfill 2	ALLIED WASTE			FALSE		E0062	OTAY LANDFILL 2			
2576	Oxnard High School	OXNARD HIGH SCHOOL			FALSE		G0425	OXNARD HIGH SCHOOL			
2577	Oxnard Landfill	J & C PROPERTIES, ET AL.			FALSE		E0125	OXNARD LANDFILL	BAILLARD LF		
2578	Oxnard WWTP	CITY OF OXNARD			FALSE		G0003	OXNARD WWTP			
2579	Oxnard GTCC1	National Gas & Electric			FALSE		G0468	PROCTER & GAMBLE (OXNARD) 1			
2580	Oxnard GTCC2	PROCTER & GAMBLE			FALSE		G0469	PROCTER & GAMBLE (OXNARD) 2			
2581	Pacific Bell GT				FALSE		G0695	PACIFIC BELL			
2582	Pacific Lumber 1	PACIFIC LUMBER COMPANY			FALSE		E0063	PACIFIC LUMBER COMPANY			
2583	Pacific Lumber 2	Pacific Lumber Company			FALSE						
2584	Palm Springs	CITY OF PALM SPRINGS			FALSE		E0021	CITY OF PALM SPRINGS			
2585	Sunrise Plaza	CITY OF PALM SPRINGS			FALSE		G0120	CITY OF PALM SPRINGS (SUNRISE PLAZA)			
2586	Palo Alto Landfill	CITY OF PALO ALTO			FALSE		E0146	PALO ALTO LANDFILL	BYXBEE PARK SANITARY LANDFILL		
2587	Palomar Medical Center	PALOMAR POMERADO HOSPITAL DIST			FALSE		G0434	PALOMAR MEDICAL CENTER			
2588	Palos Verdes	L.A. COUNTY SANITATION DISTRICT			FALSE		E0130	PALOS VERDES ENERGY RECOVERY FROM	PALOS VERDES LF		
2589	Panoche GT				FALSE						
2590	PAN PAC HYDRO WEBER FLAT	PAN PACIFIC HYDRO INC			FALSE		H0556	PAN PACIFIC HYDRO WEBER FLAT PROJ			
2591	Paper Pak Products	PAPER PAK PRODUCTS			FALSE		G0437	PAPER PAK PRODUCTS			
2592	PCA Metal Finishing				FALSE		G0437	PCA METAL FINISHING			
2593	UC Berkeley CCGG	PE - Berkeley, Inc (Lessee)			FALSE		G0405	PE - BERKELEY, INC.	O.L.S. ENERGY (BERKELEY) or UC BERKELEY MAIN STEAM PLANT		
2594	Kingsburg CCGG	PE Management-Kingsburg, LLC			FALSE		G0286	PE - KES KINGSBURG, LLC	KES KINGSBURG		
2595	Penrose Power Station	OGDEN ENERGY GROUP, INC.			FALSE		E0142	PENROSE POWER STATION			
2596	Petrominerals	PETROMINERALS CORP			FALSE		G0445	PETROMINERALS CORPORATION	PETROMINERALS CORPORATION		
2597	Pitchess CCGG	Pitchess Cogeneration, Los Angeles Co			FALSE		G0157	PITCHESS COGEN	PITCHESS HONOR RANCH		
2598	Pittsburg GTCC1		-1	-1	FALSE						
2599	Pittsburg GTCC2		-1	-1	FALSE						
2600	Pittsburg GTCC3		-1	-1	FALSE						
2601	Placerita GTCC1	ARCO			FALSE		G0032	PLACERITA UNIT I	ARCO OIL & GAS COMPANY- PLACERITA I OR ARCO PLACERITA COGEN 1		
2602	Placerita GTCC2	ARCO WESTERN ENERGY			FALSE		G0033	PLACERITA UNIT II	ARCO OIL & GAS COMPANY- PLACERITA II OR ARCO PLACERITA COGEN 2		
2603	OCSD Plant 2	ORANGE COUNTY SANITATION DISTRICT			FALSE		E0025	PLANT NO. 2, ORANGE COUNTY SANITATION			
2604	PLES 1	MAMMOTH PACIFIC, L.P.			FALSE		T0038	PLES 1			
2605	Pomerado Hospital	PALOMAR POMERADO HOSPITAL DIST			FALSE		G0455	POMERADO HOSPITAL			
2606	Pomona Power Facility	POMONA G P INC			FALSE		G0456	POMONA POWER FACILITY			
2607	Pomona Valley Community Hospital	POMONA VALLEY COMMUNITY HOSPITAL			FALSE		G0457	POMONA VALLEY COMMUNITY HOSPITAL			
2608	Port of Stockton CCLG	POSDEF POWER CO.			FALSE		G0457	PORT OF STOCKTON DISTRICT ENERGY	POSDEF		
2609	PRATHER CRK	TKO POWER			FALSE		H0404	PRATHER CREEK			
2610	MM Prima Deschecha	ORANGE COUNTY L.W.M.			FALSE		E0066	PRIMA DESHECHA LANDFILL			
2611	Gaviota GTCC1	CHEVRON U.S.A.			FALSE		G0453	POINT ARGUELLO PIPELINE COMPANY	GAVIOTA OIL PLANT		
2612	Gaviota GTCC2	Chevron USA			FALSE						
2613	Gaviota GTCC3	Chevron USA			FALSE						
2614	Gaviota GTCC4	Chevron USA			FALSE						
2615	Pt Loma Sewage Treatment	SAN DIEGO WATER UTILITIES			FALSE		E0067	PT. LOMA SEWAGE TREATMENT			
2616	Puente Hills 1	L.A. COUNTY SANITATION DISTRICT			FALSE		E0127	PUEENTE HILLS ENERGY RECOVERY A	PUEENTE HILLS (GAS TURBINES)		
2617	Puente Hills 2	L.A. COUNTY SANITATION DISTRICT			FALSE		E0128	PUEENTE HILLS ENERGY RECOVERY B	PUEENTE HILLS (STEAM CYCLE PLANT)		
2618	Qualcomm	HOME FED BANK			FALSE		G0475	QUALCOMM			
2619	Red Lion Inn	RED LION INN			FALSE		G0485	RED LION INN			
2620	Dominguez Plant	RHONE-POULENC BASIC CHEMICALS			FALSE		G0495	RHONE-POULENC (DOMINGUEZ PLANT)	RHONE-POULENC BASIC CHEMICALS CO.		
2621	Rhone-Poulenc				FALSE		G0494	RHONE-POULENC (STALFETER CHEMICAL)	MARTINEZ REGON SULFURIC ACID PLANT		
2622	Eisenhower High School	EISENHOWER HIGH SCHOOL			FALSE		G0496	RIALTO USD			
2623	Richmond GTCC1	CHEVRON U.S.A.			FALSE		G0104	RICHMOND REFINERY COGEN	CHEVRON (RICHMOND REFINERY)		
2624	Richmond GTCC2	Chevron USA	-1	-1	FALSE						
2625	Rimrock Village Apartments	RIMROCK VILLAGE APARTMENTS			FALSE		G0497	RIMROCK VILLAGE PARTERSHIP			
2626	Rio Bravo JASMIN	RIO BRAVO JASMIN			FALSE		C0018	RIO BRAVO JASMIN			
2627	Rio Bravo Poso CCLG	RIO BRAVO REFINING			FALSE		C0022	RIO BRAVO POSO	ULTRAPOWDER (OGLE)		
2628	Ripon Mill GTCC	Ripon Cogeneration, Inc.			FALSE		G0564	RIPON COGENERATION			
2629	Riverside Cement CCKG1	RIVERSIDE CEMENT CO.			FALSE		C0019	RIVERSIDE CEMENT COMPANY			
2630	Riverside Cement CCKG2	Riverside Cement			FALSE						
2631	R J Donovan Correctional Facility				FALSE		G0477	R.J. DONOVAN CORRECTIONAL FACILITY			
2632	Red Bluff GT				FALSE						
2633	Riverview				FALSE						
2634	Rockwell GTCC				FALSE						
2635	Roy Sharp Jr				FALSE		G0512	ROY SHARP JR.	SHARP ENTERPRISES		
2636	Royal Farms #2	ROYAL FARMS			FALSE		E0073	ROYAL FARMS #2			
2637	Royalty Carpet Mills				FALSE		G0507	ROYALTY CARPET MILLS			
2638	RUGRAW DIGGER CRK	RUGRAW INC			FALSE		H0140	RUGRAW, INC. (DIGGER CREEK)			
2639	Saint Agnes Hospital				FALSE		G0518	SANT AGNES HOSPITAL			
2640	Salinas River GTCC		-1	-1	FALSE						
2641	Salk Institute				FALSE		G0521	SALK INSTITUTE			
2642	Salton Sea				FALSE						
2643	San Antonio Community Hospital	SAN ANTONIO COMMUNIT			FALSE		G0522	SAN ANTONIO COMMUNITY HOSPITAL			
2644	San Diego WWTP		-1	-1	FALSE						
2645	SAN BERNARDINO MWD1720	SAN BERNARDINO MWD.			FALSE		H0434	SAN BERNARDINO MWD (SITE 1720)			
2646	San Diego Power & Cooling	ONSITE ENERGY, INC.			FALSE		G0527	SAN DIEGO POWER & COOLING COMPANY			
2647	SAN DIMAS WASH	SAN GABRIEL VALLEY M			FALSE		H0443	SAN DIMAS WASH			
2648	SF Refinery GTCC1				FALSE		G0632	SAN FRANCISCO REFINERY			
2649	SF Refinery GTCC2	Tosco Refining	-1	-1	FALSE						
2650	SF Refinery GTCC3	Tosco Refining	-1	-1	FALSE						
2651	San Gabriel Mill GTCC	Tractebel Electricity & Gas			FALSE		G0562	SAN GABRIEL COGEN	SIMPSON PAPER COMPANY or SAN GABRIEL MILL		
2652	SAN GABRIEL HYDRO	SAN GABRIEL HYDROELE			FALSE		H0442	SAN GABRIEL HYDROELECTRIC PROJECT			
2653	San Joaquin GTCC	SAN JOAQUIN COGEN LTD			FALSE		G0529	SAN JOAQUIN COGEN			
2654	San Joaquin GTCC1				FALSE		G0283	SAN JOAQUIN POWER COMPANY			
2655	San Joaquin GTCC2	JRW & Associates			FALSE						
2656	San Joaquin GTCC3	JRW & Associates			FALSE						
2657	San Joaquin GTCC4	JRW & Associates			FALSE						
2658	San Joaquin GTCC5	JRW & Associates			FALSE						
2659	San Joaquin GTCC6	JRW & Associates			FALSE						
2660	San Joaquin GTCC7	JRW & Associates			FALSE						
2661	San Joaquin GTCC8	JRW & Associates			FALSE						
2662	San Jose GTCC				FALSE		G0087	SAN JOSE COGEN			
2663	San Jose Convention Center				FALSE		G0121	SAN JOSE CONVENTION CENTER			
2664	San Marcos Landfill Facility	SAN DIEGO COUNTY			FALSE		E0075	SAN MARCOS LANDFILL FACILITY - LA			
2665	Sanger GTCC	DYNAMIS INC.			FALSE		G0536	SANGER POWER & FEED	DYNAMIS COGEN		
2666	SANTA ANA	CITY OF SANTA ANA			FALSE		H0100	CITY OF SANTA ANA			
2667	Santa Barbara Hospital GTCC				FALSE		G0761	SANTA BARBARA COTTAGE HOSPITAL			
2668	Santa Barbara County Jail				FALSE		G0508	SANTA BARBARA COUNTY JAIL			
2669	Santa Clara GTCC	CSC			FALSE		G0114	CITY OF SANTA CLARA			
2670	Santa Cruz Cogeneration				FALSE		G0541	SANTA CRUZ COGEN	FACKLER COGEN		
2671	SANTA FELICIA	UNITED WATER CONSERVATION DIST			FALSE		H0533	SANTA FELICIA			
2672	Santa Maria GTCC	Do Not Mail--Santa Maria Cogeneration			FALSE		G0056	SANTA MARIA COGEN			
2673	Santa Monica Bay Hotel	LOEWS SANTA MONICA BEACH HOTEL			FALSE		G0544	SANTA MONICA BAY HOTEL			

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2575	Olney Landfill 2	ALLIED WASTE	SAN DIEGO		1600 MAXWELL ROAD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2576	Oxnard High School	OXNARD HIGH SCHOOL	VENTURA		937 W. 5TH STREET	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2577	Oxnard Landfill	J & C PROPERTIES, ET AL.	VENTURA		2501 NORTH VENTURA ROAD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2578	Oxnard WWT/P	CITY OF OXNARD	VENTURA		6001 SOUTH PERKINS ROAD	NATURAL GAS	OIL GAS	GAS TURBINE COMBINED CYCLE	YES	0
2579	Oxnard GTCC1	National Gas & Electric	VENTURA		800 NORTH RICE AVENUE	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2580	Oxnard GTCC2	PROCTER & GAMBLE	VENTURA		800 NORTH RICE AVENUE	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2581	Pacific Bell GT		SAN DIEGO		2228 SAIPAN DRIVE	NATURAL GAS	OIL GAS	3 1/2 KW TURBINES	NO	0
2582	Pacific Lumber 1	PACIFIC LUMBER COMPANY	HUMBOLDT		HWY 101, 125 MAIN STREET	WOODWASTE	BIOMASS	GRATE BOILER	YES	0
2583	Pacific Lumber 2	Pacific Lumber Company								0
2584	Palm Springs	CITY OF PALM SPRINGS	RIVERSIDE		4375 MESQUITE	DIGESTER GAS	DIGESTER GAS	DIGESTER GAS MUNICIPAL	NO	0
2585	Sumrise Plaza	CITY OF PALM SPRINGS	RIVERSIDE		403 S. CERRITOS DRIVE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2586	Palo Alto Landfill	CITY OF PALO ALTO	SANTA CLARA		2380 EMBARCADERO ROAD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2587	Palomar Medical Center	PALOMAR POMERADO HOSPITAL DIST	SAN DIEGO		555 EAST VALLEY PARKWAY	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2588	Palos Verdes	L.A. COUNTY SANITATION DISTRICT	LOS ANGELES		25704 HAWTHORNE BLVD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2589	Panoche GT									0
2590	PAN PAC HYDRO WEBER FLAT	PAN PACIFIC HYDRO INC	TRINITY		0	HYDRO	HYDRO	0	NO	0
2591	Paper Pak Products	PAPER PAK PRODUCTS	LOS ANGELES		1941 WHITE AVENUE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2592	PCA Metal Finishing		ORANGE		1726 EAST ROSSLYNN AVE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2593	UC Berkeley CCGG	PE-Berkeley, Inc (Lessee)	ALAMEDA		CROSS CAMPUS ROAD	NATURAL GAS, DIS	OIL GAS	0	YES	0
2594	Kingsburg CCGG	PE Management-Kingsburg, LLC	FRESNO		11765 E. MOUNTAINVIEW ROAD	NATURAL GAS, DIST. C	OIL GAS	0	YES	0
2595	Penrose Power Station	OGDEN ENERGY GROUP, INC.	LOS ANGELES		8301 TUJUNGA AVENUE	MSW	MSW	RECIPROCATING ENGINE	NO	0
2596	Petromineral	PETROMINERALS CORP	LOS ANGELES		29007 12 HASLEY CANYON RD	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2597	Pitchess CCGG	Pitchess Cogen, Los Angeles Co	LOS ANGELES		29300 THE OLD ROAD	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2598	Pittsburg GTCC1									0
2599	Pittsburg GTCC2									0
2600	Pittsburg GTCC3									0
2601	Placertia GTCC1	ARCO	LOS ANGELES		25121 N.SIERRA HIGHWAY	NATURAL GAS	OIL GAS	I.C. TOPPING CYCLE	YES	0
2602	Placertia GTCC2	ARCO WESTERN ENERGY	LOS ANGELES		25121 N.SIERRA HIGHWAY	OIL GAS	OIL GAS	I.C. TOPPING CYCLE	YES	0
2603	OCSD Plant 2	ORANGE COUNTY SANITATION DISTRICT	ORANGE		22212 BROOKHURST AVENUE	DIGESTER GAS	DIGESTER GAS	DIGESTER GAS/OTHER	NO	0
2604	OMI	MAMMONT OIL FIELD L.P.	SAN DIEGO		JUNCTION OLD HWY 95 & HWY 203	HYDROTHERMAL	GEO/THERMAL	COMBINED CYCLE	YES	0
2605	Pomerado Hospital	PALOMAR POMERADO HOSPITAL DIST	SAN DIEGO		15615 POMERADO ROAD	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2606	Pomona Power Facility	POMONA G.P. INC	LOS ANGELES		800 E. BONITA AVENUE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2607	Pomona Valley Community Hospital	POMONA VALLEY COMMUNITY HOSPITAL	LOS ANGELES		1798 NORTH GAREY AVENUE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2608	Port of Stockton CCLG	PPSDFEED POWER CO.	SAN JOAQUIN		2526 WEST WASHINGTON STREET	DISTILLATE	COAL	0	YES	0
2609	PRATHER CRK	TKO POWER	SISKIYOU		HIGHWAY 97	HYDRO	HYDRO	0	NO	0
2610	MM Prima Deschecha	ORANGE COUNTY I.W.M.	ORANGE		32250 LA PATA AVENUE	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2611	Gaviota GTCC1	CHEVRON U.S.A.	SANTA BARBARA		17100 CALLE MARIPOSA REINA	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2612	Gaviota GTCC2	Chevron USA								0
2613	Gaviota GTCC3	Chevron USA								0
2614	Gaviota GTCC4	Chevron USA								0
2615	Ph Loma Sewage Treatment	SAN DIEGO WATER UTILITIES	SAN DIEGO		1902 GATCHEL ROAD	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2616	Puente Hills 1	L.A. COUNTY SANITATION DISTRICT	LOS ANGELES		2800 WORKMAN MILL ROAD	LANDFILL GAS	LANDFILL GAS	GAS TURBINE	NO	0
2617	Puente Hills 2	L.A. COUNTY SANITATION DISTRICT	LOS ANGELES		2800 WORKMAN MILL ROAD	LANDFILL GAS	LANDFILL GAS	STEAM TURBINE	NO	0
2618	Qualcomm	HOME FED BANK	SAN DIEGO		5545 MOREHOUSE DR.	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2619	Red Lion Inn	RED LION INN	ORANGE		3050 BRISTOL	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2620	Dominique Plant	RHONE-POULENC BASIC CHEMICALS	LOS ANGELES		20720 SOUTH WILMINGTON AVE	NATURAL GAS	OIL GAS	PROCESS STEAM PLANT/ BOTTOMING CYCLE	YES	0
2621	Ribon Mill CCLG		LOS ANGELES		100 MCKEE ROAD	NATURAL GAS	OIL GAS	GAS TURBINE/HEAT RECOVERY STEAM GENERATOR	YES	0
2622	Eisenhower High School	EISENHOWER HIGH SCHOOL	SAN BERNARDINO		1321 N. LILAC AVE.	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2623	Richmond GTCC1	CHEVRON U.S.A.	CONTRA COSTA		841 CHEVRON WAY & (CASTRO ST)	NATURAL GAS, DISTILL	OIL GAS	0	YES	0
2624	Richmond GTCC2	Chevron USA								0
2625	Rimrock Village Apartments	RIMROCK VILLAGE APARTMENTS	SAN BERNARDINO		1801 RIMROCK	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2626	Rio Bravo Jasmín CCKG	RIO BRAVO JASMIN	KERN		11258 PORTERVILLE HIGHWAY	PETROLEUM COKE	COAL	STEAM TURBINE-ENHANCED OIL RECOVERY	YES	0
2627	Rio Bravo Poso CCLG	RIO BRAVO REFINING	KERN		16608 PORTERVILLE HIGHWAY	COAL	COAL	0	YES	0
2628	Ripon Mill GTCC	Ripon Cogeneration, Inc.	SAN JOAQUIN		942 SOUTH STOCKTON STREET	NATURAL GAS	OIL GAS	0	YES	0
2629	Riverside Cement CCKG1	RIVERSIDE CEMENT CO.	SAN BERNARDINO		19409 NATIONAL TRAILS HIGHWAY	COAL	COAL	COAL FIRED BOTTOMING CYCLE	YES	0
2630	Riverside Cement CCKG2	Riverside Cement								0
2631	R J Donovan Correctional Facility		SAN DIEGO		480 ALTA ROAD	NATURAL GAS	OIL GAS	GAS TURBINE	YES	0
2632	Red Bluff GT									0
2633	Riverview									0
2634	Rockwell GTCC									0
2635	Roy Sharp Jr		FRESNO		6693 W. MOUNTAIN VIEW	MSW	MSW	DIGESTER GAS	NO	0
2636	Royal Farms #2	ROYAL FARMS	TULARE		20174 RD. 140	MSW	MSW	DIGESTER GAS/OTHER	NO	0
2637	Royalty Carpet Mills		ORANGE		17352 DERIAN AVENUE	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2638	RUGRAW DIGESTER CRK	RUGRAW INC	TEHAMA		0	HYDRO	HYDRO	0	NO	0
2639	Saint Agnes Hospital		FRESNO		1303 EAST HERNDON AVENUE	NATURAL GAS	OIL GAS	GAS TURBINE/HEAT RECOVERY STEAM GENERATOR	YES	0
2640	Salinas River GTCC									0
2641	Silk Institute		SAN DIEGO		10010 NORTH TORREY PINES ROAD	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2642	Salton Sea									0
2643	San Antonio Community Hospital	SAN ANTONIO COMMUNIT	SAN BERNARDINO		999 SAN BARNARDINO ROAD	NATURAL GAS	OIL GAS	GAS-FUELED RECIPROCATING ENGINE	YES	0
2644	San Diego WWT/P									0
2645	SAN BERNARDINO MWD1720	SAN BERNARDINO MWD.	SAN BERNARDINO		WEST OF CAJON AND NORTH OF DEVORE ROAD	HYDRO	HYDRO	P.R. STATION	NO	0
2646	San Diego Power & Cogeneration	ONSITE ENERGY, INC.	SAN DIEGO		901 KETNER BLVD	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2647	SAN DIMAS WASH	SAN GABRIEL VALLEY M	LOS ANGELES		190 EAST FOOTHILL BLVD	HYDRO	HYDRO	P.R. STATION	NO	0
2648	SF Refinery GTCC1		CONTRA COSTA		1380 SAN PABLO AVENUE	NATURAL GAS	OIL GAS	0	YES	0
2649	SF Refinery GTCC2	Tosco Refining								0
2650	SF Refinery GTCC3	Tosco Refining								0
2651	San Gabriel Mill GTCC	Tracibel Electricity & Gas	LOS ANGELES		100 NORTH ERIE STREET	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2652	SAN GABRIEL HYDRO	SAN GABRIEL HYDROELE	LOS ANGELES		9700 NORTH HIGHWAY 39	HYDRO	HYDRO	SMALL HYDRO IMPROVEMENT PROJECT	NO	0
2653	San Joaquin GTCC	SAN JOAQUIN COGEN LTD	SAN JOAQUIN		17200 SOUTH HARLAND ROAD	NATURAL GAS	OIL GAS	0	YES	0
2654	San Joaquin GTCC1		MERCED		5129 NORTH ORCHARD PARKVIEW	NATURAL GAS	OIL GAS	0	YES	0
2655	San Joaquin GTCC2	JRW & Associates								0
2656	San Joaquin GTCC3	JRW & Associates								0
2657	San Joaquin GTCC4	JRW & Associates								0
2658	San Joaquin GTCC5	JRW & Associates								0
2659	San Joaquin GTCC6	JRW & Associates								0
2660	San Joaquin GTCC7	JRW & Associates								0
2661	San Joaquin GTCC8	JRW & Associates								0
2662	San Jose GTCC		SANTA CLARA		129 SOUTH 10TH STREET	NATURAL GAS	OIL GAS	0	YES	0
2663	San Jose Convention Center		SANTA CLARA		408 ALMADEN STREET	NATURAL GAS	OIL GAS	0	YES	0
2664	San Marcos Landfill Facility	SAN DIEGO COUNTY	SAN DIEGO		1595 QUESTHAVEN RD	LANDFILL GAS	LANDFILL GAS	GAS TURBINES	NO	0
2665	Sanger GTCC	DYONAMIS INC.	FRESNO		1125 MUSCAT AVE	NATURAL GAS	OIL GAS	0	YES	0
2666	SANTA ANA	CITY OF SANTA ANA	ORANGE		2415 N. BRISTOL STREET	HYDRO	HYDRO	P.R. STATION	NO	0
2667	Santa Barbara Hospital GTCC		SANTA BARBARA		PUEBLO AT BATH STREET	NATURAL GAS	OIL GAS	0	YES	0
2668	Santa Barbara County Jail		SANTA BARBARA		4436 CALLE REAL	NATURAL GAS	OIL GAS	FUEL CELL/WASTEHEAT RECOVERY	YES	0
2669	Santa Clara GTCC	CSC	SANTA CLARA		524 ROBERT AVENUE	NATURAL GAS	OIL GAS	COMBUSTION TURBINE WITH WASTE HEAT	YES	0
2670	Santa Cruz Cogen		SANTA CRUZ		1156 HIGH STREET	NATURAL GAS	OIL GAS	0	YES	0
2671	SANTA FELICIA	UNITED WATER CONSERVATION DIST	VENTURA		0	HYDRO	HYDRO	SMALL HYDRO IMPROVEMENT PROJECT	NO	0
2672	Santa Maria GTCC	Do Not Mail-Santa Maria Cogen	SANTA BARBARA		732 SOUTH HANSON WAY	NATURAL GAS	OIL GAS	0	YES	0
2673	Santa Monica Bay Hotel	LOEWS SANTA MONICA BEACH HOTEL	LOS ANGELES		1700 OCEAN AVENUE	NATURAL GAS	OIL GAS	CT/INDUSTRIAL TOPPING CYCLE	YES	0





Number	Name	Utility	Maximum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2674	Sagehen Canyon GTCG		-1	-1	FALSE						
2675	SANTA ROSA HYDRO CALLEGUA	CALLEGUAS MWD			FALSE		H0079	SANTA ROSA HYDRO STATION CALLEGUA			
2676	SCHAADS HYDRO				FALSE		H0469	SCHAADS HYDROELECTRIC FACILITY			
2677	SDSU Main	SAN DIEGO STATE UNIVERSITY			FALSE		G0511	SDSU MAIN	SAN DIEGO STATE UNIVERSITY		
2678	SEA WORLD	SEA WORLD, INC.			FALSE		G051	SEA WORLD, INC.			
2679	SIGC	OGDEN POWER CORPORATION			FALSE		T0051	SECOND IMPERIAL GEOTHERMAL			
2680	LUZ SEG5 I	LUZ SOLAR PARTNERS II			FALSE		S0069	SEG5 I AND 2/SUNRAY ENERGY, INC.	DAGGETT LEASING CORPORATION (SEG5 I)		
2681	LUZ SEG5 II	LUZ Solar Partners			FALSE						
2682	LUZ SEG5 III	KRAMER JUNCTION COMPANY			FALSE		S0071	SEG5 3, LUZ SOLAR PARTNERS LTD			
2683	LUZ SEG5 IV	KRAMER JUNCTION COMPANY			FALSE		S0072	SEG5 4, LUZ SOLAR PARTNERS LTD			
2684	LUZ SEG5 V	KRAMER JUNCTION COMPANY			FALSE		S0074	SEG5 5, LUZ SOLAR PARTNERS LTD	LUZ SEG5 V		
2685	LUZ SEG5 VI	KRAMER JUNCTION COMPANY			FALSE		S0075	SEG5 6, LUZ SOLAR PARTNERS LTD	LUZ SEG5 VI		
2686	LUZ SEG5 VII	KRAMER JUNCTION COMPANY			FALSE		S0076	SEG5 7, LUZ SOLAR PARTNERS LTD	LUZ SEG5 VII		
2687	LUZ SEG5 VIII	HARPER LAKE COMPANY VIII			FALSE		S0077	SEG5 8 - LUZ SOLAR PARTNERS LTD	HARPER LAKE PLANT		
2688	LUZ SEG5 IX	LUZ SOLAR PARTNERS INC, LTD.			FALSE		S0073	SEG5 9, LUZ SOLAR PARTNERS LTD	HARPER LAKE PLANT		
2689	Southeast Kern River GTCG1	Texaco			FALSE		G0558	SEKR COGENERATION	CAL RESOURCES (SE KERN RIVER)		
2690	Southeast Kern River GTCG2	Texaco			FALSE						
2691	Southeast Kern River GTCG3	Texaco			FALSE						
2692	SF PEAK HYDRO	CITY OF OCEANSIDE			FALSE		H0439	SAN FRANCISCO PEAK HYDRO			
2693	SIERRA ENERGY CO	ROBERT T. SUTER			FALSE		H0396	SIERRA ENERGY COMPANY	POND & DARDANELLES CREEK		
2694	Sierra Pacific Industries (Anderson)	SIERRA PACIFIC INDUSTRIES			FALSE		E0174	SIERRA PACIFIC INDUSTRIES (ANDERSON)			
2695	SPI Bamey	SIERRA PACIFIC INDUSTRIES			FALSE		E0078	SIERRA PACIFIC IND. (BAMEY)			
2696	SPI Quincy	SIERRA PACIFIC INDUSTRIES			FALSE		E0081	SIERRA PACIFIC IND. (QUINCY)			
2697	Sonora	SIERRA PACIFIC INDUSTRIES			FALSE		E0038	SIERRA PACIFIC INDUSTRIES (SONORA)			
2698	SPI Susanville	SIERRA PACIFIC INDUSTRIES			FALSE		E0082	SIERRA PACIFIC IND. (SUSANVILLE)			
2699	SPI Lincoln	SIERRA PACIFIC INDUSTRIES			FALSE		E0094	SIERRA PACIFIC IND. (LINCOLN)	LINCOLN COGENERATION		
2700	SILVER SPRGS MEGA RENEW	MEGA RENEWABLES			FALSE		H0480	SILVER SPRINGS (MEGA RENEWABLES)			
2701	E F Oxnard GTGC	Sithe Energies, Inc.			FALSE		G0180	SITHE ENERGIES	OXNARD ENERGY FACILITY or E.F. OXNARD		
2702	SLATE CREEK	CATALYST SLATE CREEK HYDRO PTN			FALSE		H0483	SLATE CREEK			
2703	Smurfit Mill GTGC	Smurfit Newsprint Corp.			FALSE		G0665	SMURFIT POMONA MILL	SMURFIT NEWSPRINT CORPORATION		
2704	SNOW CREEK	DESERT WATER AGENCY			FALSE		H0135	SNOW CREEK			
2705	SNOW MT HYDRO BURNEY CRK	HIGHLAND HYDRO CONSTRUCTION			FALSE		H0240	SNOW MOUNTAIN HYDRO (BURNEY CREEK)			
2706	SNOW MT HYDRO COVE	HIGHLAND HYDRO CONSTRUCTION			FALSE		H0236	SNOW MOUNTAIN HYDRO (COVE)	COLDWATER		
2707	SNOW MT HYDRO LOST CRK 1	HIGHLAND HYDRO CONSTRUCTION			FALSE		H0237	SNOW MOUNTAIN HYDRO LLC (LOST CREEK 1)			
2708	SNOW MT HYDRO LOST CRK 2	HIGHLAND HYDRO CONSTRUCTION			FALSE		H0239	SNOW MOUNTAIN HYDRO LLC (LOST CREEK 2)			
2709	SNOW MT HYDRO PONDEROSA BAILY	HIGHLAND HYDRO CONSTRUCTION			FALSE		H0237	SNOW MOUNTAIN HYDRO (PONDEROSA BAILY)			
2710	Hyatt Regency				FALSE		G0513	SOUTHERN CALIFORNIA GAS (HYATT REGENCY)			
2711	SCAQMD				FALSE		G0514	SOUTHERN CALIFORNIA GAS (SCAQMD)			
2712	UCSB				FALSE		G0578	SOUTHERN CALIFORNIA GAS (UCSB)			
2713	Solano County Government Center				FALSE		G0159	SOLANO COUNTY GOVERNMENT CENTER			
2714	Soledad State Prison	CALPINE			FALSE		G0570	SOLEDAD STATE PRISON			
2715	Sonoma Geothermal				FALSE		T0070	SONOMA - CALPINE GEYSER	SMUDGE #1		
2716	South Belridge GTCG1	CAL RESOURCES LLC			FALSE		G0616	SOUTH BELRIDGE COGEN	SWEPI BELRIDGE OR CAL. RESOURCES (S. BELRIDGE)		
2717	South Belridge GTCG2	Cal Resources			FALSE						
2718	South Belridge GTCG3	Cal Resources			FALSE						
2719	Spadra Landfill	CA POLYTECHNIC POMONA			FALSE		E0129	SPADRA LANDFILL			
2720	Springs Substation GT1				FALSE						
2721	Springs Substation GT2				FALSE						
2722	Springs Substation GT3				FALSE						
2723	Springs Substation GT4				FALSE						
2724	SPRINGVILLE HYDRO CALLEGU	CALLEGUAS MWD			FALSE		H0076	SPRINGVILLE HYDRO STATION CALLEGU			
2725	SRI Int GTGC				FALSE		G0515	SRI INTERNATIONAL			
2726	St John's Hospital and Health Center	ST JOHN'S HOSPITAL & HEALTH CTR			FALSE		G0582	ST. JOHN'S HOSPITAL AND HEALTH CENTER			
2727	St Luke Medical Center	ORNDENA HEALTH CORPORATION			FALSE		G0762	ST. LUKE MEDICAL CENTER			
2728	Stanislaus RWF	OGDEN MARTY			FALSE		E0150	STANISLAUS WASTE ENERGY	STANISLAUS or RESOURCE RECOVERY FACI		
2729	Stockton CLCG	AIR PRODUCTS & CHEMICALS (MAIN)			FALSE		C0021	STOCKTON COGEN COMPANY			
2730	Stockton WWTP				FALSE		G0585	STOCKTON WWTP			
2731	STS HYDRO LTD KANAKA	STS HYDROPOWER LTD			FALSE		H0427	STS HYDROPOWER LTD (KANAKA)	KANAKA HYDRO PROJECT		
2732	STS HYDRO LTD KEKAWAKA	STS HYDROPOWER LTD			FALSE		H0428	STS HYDROPOWER LTD (KEKAWAKA)	KEKAWAKA HYDRO PROJECT		
2733	SUCCESS PWR PROJ	LOWER TULE RIVER IRRIGATION DI			FALSE		H0503	SUCCESS POWER PROJECT			
2734	Summit Medical Cogeneration				FALSE		G0340	SUMMIT MEDICAL COGENERATION			
2735	Sunnyvale Landfill	CITY OF SUNNYVALE PUBLIC WORKS			FALSE		E0181	SUNNYVALE LANDFILL GAS POWER GENERATION FACILITY	CITY OF SUNNYVALE or SUNNYVALE LF		
2736	SUTTERS MILL HYDRO	FRED W. SUTTER, JR.			FALSE		H0504	SUTTERS MILL HYDRO			
2737	Southwest Marine	SOUTHWEST MARINE			FALSE		G0581	SOUTHWEST MARINE			
2738	SWISS AMERICA	SWISS-AMERICAN CO			FALSE		H0368	SWISS AMERICA	BELL POWERHOUSE		
2739	Sycamore Landfill	ALLIED WASTE			FALSE		E0094	SYCAMORE LANDFILL FACILITY - LAND			
2740	T&G HYDRO	T & G HYDRO			FALSE		H0506	T&G HYDRO			
2741	MM Tajiigas	SANTA BARBARA COUNTY			FALSE		E0095	TAJIIGAS LANDFILL			
2742	Texaco (Lost Hills) GTGC	Texaco			FALSE		G0599	TEXACO (LOST HILLS)			
2743	McKinnick GTCG1	Texaco			FALSE		G0600	TEXACO (MCKINTRICK)			
2744	McKinnick GTCG2	Texaco			FALSE						
2745	McKinnick GTCG3	Texaco			FALSE						
2746	North Midway GTCG1	Texaco			FALSE		G0601	TEXACO (NORTH MIDWAY)			
2747	North Midway GTCG2	Texaco			FALSE						
2748	Tracy Biomass	COMMUNITY ENERGY ALTERNATIVES.			FALSE		E0096	THERMAL ENERGY DEV. CORP.	TRACY BIOMASS PLANT		
2749	THUMS GTGC				FALSE						
2750	THREE VALLEYS MWD FULTON RD	THREE VALLEYS M W D			FALSE		H0513	THREE VALLEYS MWD (FULTON ROAD STATION)			
2751	THREE VALLEYS MWD MIRAMAR	THREE VALLEYS M W D			FALSE		H0514	THREE VALLEYS MWD (MIRAMAR)			
2752	THREE VALLEYS MWD WILLIAMS AV	THREE VALLEYS M W D			FALSE		H0515	THREE VALLEYS MWD (WILLIAMS AVE STATION)			
2753	TKO POWER SO FORK BEAR CRK	TKO POWER INC			FALSE		G0630	TKO POWER (SOUTH BEAR CREEK)	NICHOLS HYDRO PROJECT		
2754	SFAR Carbon GTGC	TOSCO			FALSE		G0630	TOSCO SFAR CARBON	CONTRA COSTA CARBON PLANT or UNOCAL CHEMICAL DIVISION		
2755	Total EF	County Sanitation Districts of			FALSE		G0158	TOTAL ENERGY FACILITY, CO. SANITA			
2756	Toyon Canyon Landfill	OGDEN ENERGY GROUP, INC.			FALSE		E0143	TOYON CANYON LANDFILL	TOYON POWER STATION		
2757	Tracy GT1				FALSE						
2758	Tracy GT2				FALSE						
2759	TRW	TRW INC.			FALSE		G0591	TRW			
2760	Tulare Co Correctional Center				FALSE		E0101	CITY OF TULARE			
2761	MM Tulare	MINNESOTA METHANE			FALSE		E0101	TULARE COUNTY LANDFILL	TULARE COUNTY LANDFILL or VISALIA DISPOSAL SITE		
2762	Tulare Detention Facility (Bob Wiley)	COUNTY OF TULARE			FALSE		G0619	TULARE DETENTION FACILITY (BOB WILEY)			
2763	Turbine Tech	TURBINE TECHNOLOGY			FALSE		G0620	TURBINE TECH			
2764	Union-Tribune Publishing	COPLEY PRESS, INC.			FALSE		G0633	UNION-TRIBUNE PUBLISHING CO.			
2765	United CCGD	United Airlines SFONU			FALSE		G0636	UNITED COGEN, INC.			
2766	UNITED HYDRO WOLFEN BYPASS	CCD			FALSE		H0672	UNITED HYDRO (WOLFEN BYPASS)			
2767	USD Cogen GTCG1	HAWTHORNE ENGINE SYSTEMS			FALSE		G0640	UNIVERSITY OF SAN DIEGO			
2768	USD Cogen GTCG2	Hawthorne Engine Systems			FALSE						
2769	USD Cogen GTCG3	Hawthorne Engine Systems			FALSE						
2770	UCSD GTGC				FALSE						
2771	USF GTGC				FALSE		G0641	UNIVERSITY OF SAN FRANCISCO			
2772	Rincon Facility STCG	UNOCAL			FALSE		G0643	UNOCAL RINCON COGENERATION PROJECT			

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2674	Sagehen Canyon GTCG									0
2675	SANTA ROSA HYDRO CALLEGUA	CALLEGUAS MWD	VENTURA		SANTA ROSA ROAD	HYDRO	HYDRO	PRESSURE-REDUCING STATION	NO	0
2676	SCHAADS HYDRO		CALAVERAS		20 MILES N.E. OF MOKELUMNE HILL	HYDRO	HYDRO	0	NO	0
2677	SDSU Main	SAN DIEGO STATE UNIVERSITY	SAN DIEGO		5300 CAMPANILE DRIVE	NATURAL GAS	OIL-GAS	GAS TURBINE	YES	0
2678	Sea World	SEA WORLD, INC.	SAN DIEGO		1720 SOUTH SHORE ROAD	NATURAL GAS	OIL-GAS	RECIPROCATING ENGINE	YES	0
2679	SIGC	OGDEN POWER CORPORATION	IMPERIAL		855 DOGWOOD RD	HYDROTHERMAL	GEOTHERMAL	DOUBLE-FLASH CYCLE	NO	0
2680	Luz SEG5 I	LUZ SOLAR PTNRS II	SAN BERNARDINO		35100 EAST SANTA FE STREET	THERMAL	SOLAR	PARABOLIC TROUGH	NO	0
2681	Luz SEG5 II	Luz Solar Partners								0
2682	Luz SEG5 III	KRAMER JUNCTION COMPANY	SAN BERNARDINO		41100 HIGHWAY 395	THERMAL	SOLAR	PARABOLIC TROUGH	NO	0
2683	Luz SEG5 IV	KRAMER JUNCTION COMPANY	SAN BERNARDINO		41100 HIGHWAY 395	THERMAL	SOLAR	PARABOLIC TROUGH	NO	0
2684	Luz SEG5 V	KRAMER JUNCTION COMPANY	SAN BERNARDINO		41100 HIGHWAY 395	THERMAL	SOLAR	PARABOLIC TROUGH	NO	0
2685	Luz SEG5 VI	KRAMER JUNCTION COMPANY	SAN BERNARDINO		41100 HIGHWAY 395	THERMAL	SOLAR	PARABOLIC TROUGH	NO	0
2686	Luz SEG5 VII	KRAMER JUNCTION COMPANY	SAN BERNARDINO		41100 HIGHWAY 395	THERMAL	SOLAR	PARABOLIC TROUGH	NO	0
2687	Luz SEG5 VIII	HARPER LAKE COMPANY VIII	SAN BERNARDINO		43880 HARPER DRY LAKE ROAD	THERMAL	SOLAR	PARABOLIC TROUGH	NO	0
2688	Luz SEG5 IX	LUZ SOLAR PARTNERS INC. LTD.	SAN BERNARDINO		43880 HARPER DRY LAKE ROAD	THERMAL	SOLAR	PARABOLIC TROUGH	NO	0
2689	Southeast Kern River GTCG1	Texaco	KERN		5060 CALIFORNIA AVENUE	NATURAL GAS	OIL-GAS	0	YES	0
2690	Southeast Kern River GTCG2	Texaco								0
2691	Southeast Kern River GTCG3	Texaco								0
2692	SF PEAK HYDRO	CITY OF OCEANSIDE	SAN DIEGO		320 N. HORNE	HYDRO	HYDRO	HYDROELECTRIC	NO	0
2693	SIERRA ENERGY CO	ROBERT T. SUTER			EL DORADO	HYDRO	HYDRO	0	NO	0
2694	Sierra Pacific Industries (Anderson)	SIERRA PACIFIC INDUSTRIES	SHASTA		19758 RIVERSIDE AVE	WOODWASTE	BIOMASS	FUEL CELL GASIFICATION	YES	0
2695	SPI Butney	SIERRA PACIFIC INDUSTRIES	SHASTA		39338 HIGHWAY 209 EAST	WOODWASTE	BIOMASS	FIXED GRATE	YES	0
2696	SPI Quincy	SIERRA PACIFIC INDUSTRIES	PLUMAS		1538 LEE ROAD	WOODWASTE	BIOMASS	FUEL & TRAVELING GRATE	YES	0
2697	Sonora	SIERRA PACIFIC INDUSTRIES	TUOLUMNE		14560 TUOLUMNE ROAD	WOODWASTE	BIOMASS	TRAVELING GRATE	YES	0
2698	SPI Susanville	SIERRA PACIFIC INDUSTRIES	LASSEN		END OF SUNKIST ROAD	WOODWASTE	BIOMASS	FIXED CRATE	YES	0
2699	SPI Lincoln	SIERRA PACIFIC INDUSTRIES	PLACER		1445 NORTH HIGHWAY 65	WOODWASTE	BIOMASS	FUEL CELL	YES	0
2700	SILVER SPRGS MEGA RENEW	MEGA RENEWABLES	SHASTA		0	HYDRO	HYDRO	0	NO	0
2701	E F Oxard GTCG	Sithe Energies, Inc.	VENTURA		550 S. DIAZ AVENUE	NATURAL GAS	OIL-GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2702	SLATE CREEK	CATALYST SLATE CREEK HYDRO PTN	SHASTA		LA MOINE ROAD	HYDRO	HYDRO	0	NO	0
2703	Smart Mill GTCG	Smart Mill Newgrd Corp	LOS ANGELES		2205 WEST MT. VERNON AVENUE	NATURAL GAS	OIL-GAS	COMBUSTION TURBINE/TOPPING CYCLE	NO	0
2704	SNOW CREEK	DESERT WATER AGENCY	RIVERSIDE		15100 SNOW CREEK	HYDRO	HYDRO	0	NO	0
2705	SNOW MT HYDRO BURNEY CRK	HIGHLAND HYDRO CONSTRUCTION	SHASTA		0	HYDRO	HYDRO	0	NO	0
2706	SNOW MT HYDRO COVE	HIGHLAND HYDRO CONSTRUCTION	SHASTA		COVE ROAD	HYDRO	HYDRO	0	NO	0
2707	SNOW MT HYDRO LOST CRK 1	HIGHLAND HYDRO CONSTRUCTION	SHASTA		0	HYDRO	HYDRO	0	NO	0
2708	SNOW MT HYDRO LOST CRK 2	HIGHLAND HYDRO CONSTRUCTION	SHASTA		0	HYDRO	HYDRO	0	NO	0
2709	SNOW MT HYDRO PONDEROSA BAILY	HIGHLAND HYDRO CONSTRUCTION	SHASTA		0	HYDRO	HYDRO	0	NO	0
2710	Hyatt Regency		ORANGE		17900 JAMBOREE BLVD	NATURAL GAS	OIL-GAS	FUEL CELL/WASTEHEAT RECOVERY	YES	0
2711	SCHAADM		LOS ANGELES		21865 EAST CORLEY DRIVE	OIL-GAS	OIL-GAS	FUEL CELL/WASTEHEAT RECOVERY	YES	0
2712	UCSB		SANTA BARBARA		UNIVERSITY ROAD AND HWY 217	OIL-GAS	OIL-GAS	FUEL CELL/WASTEHEAT RECOVERY	YES	0
2713	Solano County Government Center		SOLANO		501 DELAWARE STREET	NATURAL GAS	OIL-GAS	0	YES	0
2714	Soledad State Prison		MONTEREY		HWY 101, 4 MILES NORTH OF SOLEDAD	NATURAL GAS	OIL-GAS	0	YES	0
2715	Sonoma Geothermal	CALPINE	LAKE		0	NATURAL GAS	OIL-GAS	0	NO	0
2716	South Belridge GTCG1	CAL RESOURCES LLC	KERN		.5 MILES NORTH OF 7TH STANDARD ROAD, 2 MILES WEST OF HWY 33	DRY STEAM	GEOTHERMAL	0	NO	0
2717	South Belridge GTCG2	Cal Resources				NATURAL GAS	OIL-GAS	GAS TURBINE	YES	0
2718	South Belridge GTCG3	Cal Resources								0
2719	Squad Landfill	CA POLYTECHNIC POMONA	LOS ANGELES		4125 W. VALLEY BLVD	LANDFILL GAS	LANDFILL GAS	STEAM TURBINE	NO	0
2720	Springs Substation GT1									0
2721	Springs Substation GT2									0
2722	Springs Substation GT3									0
2723	Springs Substation GT4									0
2724	SPRINGVILLE HYDRO CALLEGU	CALLEGUAS MWD	VENTURA		690 VILLA ZAMORA	HYDRO	HYDRO	HYDRO	NO	0
2725	SRI Int GTCG		SAN MATEO		333 RAVENSWOOD AVENUE	NATURAL GAS	OIL-GAS	0	YES	0
2726	St John's Hospital and Health Center	ST JOHN'S HOSPITAL & HEALTH CTR	LOS ANGELES		1328 22ND STREET	NATURAL GAS	OIL-GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2727	St Luke Medical Center	ORNDENA HEALTH CORPORATION	LOS ANGELES		2632 EAST WASHINGTON BLVD	NATURAL GAS	OIL-GAS	0	YES	0
2728	Stanislaus RRF	OGDEN MARK	STANISLAUS		400 FINK ROAD	MSW	MSW	WASTE	NO	0
2729	Stockton CLCG	AIR PRODUCTS & CHEMICALS (MAIN)	SAN JOAQUIN		1010 ZEPHYR STREET	NATURAL GAS	COAL	0	YES	0
2730	Stockton WWTP		SAN JOAQUIN		2500 NAVY DRIVE	NATURAL GAS	OIL-GAS	0	YES	0
2731	STS HYDRO LTD KANAKA	STS HYDROPOWER LTD	BUTTE		9 LUMPKIN ROAD	HYDRO	HYDRO	0	NO	0
2732	STS HYDRO LTD KEKAWAKA	STS HYDROPOWER LTD	TRINITY		CALVIN STEWART RANCH	HYDRO	HYDRO	0	NO	0
2733	SUCCESS PWR PROJ	LOWER TULE RIVER IRRIGATION DI	TULARE		HIGHWAY 190	HYDRO	HYDRO	0	NO	0
2734	Summit Medical Cogeneration		ALAMEDA		350 HAWTHORNE AVENUE	NATURAL GAS	OIL-GAS	0	YES	0
2735	Sunnyvale Landfill	CITY OF SUNNYVALE PUBLIC WORKS	SANTA CLARA		1444 BORREGAS AVENUE	LANDFILL GAS	LANDFILL GAS	STEAM TURBINE	NO	0
2736	SUTTERS MILL HYDRO	FRED S. SUTTER, JR.	SHASTA			HYDRO	HYDRO	0	NO	0
2737	Southwest Marine	SOUTHWEST MARINE	SAN DIEGO		3165 PACIFIC HWY (FOOT OF SAMPSON STREET)	NATURAL GAS	OIL-GAS	RECIPROCATING ENGINE	YES	0
2738	SWISS AMERICA	SWISS-AMERICAN CO	PLACER		11580 MT. VERNON ROAD	HYDRO	HYDRO	0	NO	0
2739	Sycamore Landfill	ALLIED WASTE	SAN DIEGO		8514 MAST BLVD.	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2740	T&G HYDRO	T & G HYDRO	SHASTA		0	HYDRO	HYDRO	0	NO	0
2741	MM Tejasas	SANTA BARBARA COUNTY	SANTA BARBARA		14470 CALLE REAL	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2742	Texaco (Lost Hills) GTCG	Texaco	KERN		13438 HOLLOWAY ROAD	NATURAL GAS	OIL-GAS	0	YES	0
2743	McKinrick GTCG1	Texaco	KERN		WEST REWARD ROAD	NATURAL GAS	OIL-GAS	0	YES	0
2744	McKinrick GTCG2	Texaco								0
2745	McKinrick GTCG3	Texaco								0
2746	North Midway GTCG1	Texaco	KERN		2505 WEST RESERVE ROAD	NATURAL GAS	OIL-GAS	0	YES	0
2747	North Midway GTCG2	Texaco								0
2748	Tracy Biomass	COMMUNITY ENERGY ALTERNATIVES.	SAN JOAQUIN		14800 W. SCHULTE ROAD	AG. & WOODWASTE	BIOMASS	0	NO	0
2749	THUMS GTCG									0
2750	THREE VALLEYS MWD FULTON RD	THREE VALLEYS M W D	LOS ANGELES		2930 FULTON ROAD	HYDRO	HYDRO	P.R. STATION	NO	0
2751	THREE VALLEYS MWD MIRAMAR	THREE VALLEYS M W D	LOS ANGELES		3300 N. PADUA	HYDRO	HYDRO	P.R. STATION	NO	0
2752	THREE VALLEYS MWD WILLIAMS AV	THREE VALLEYS M W D	LOS ANGELES		3949 WILLIAMS AVE	HYDRO	HYDRO	P.R. STATION	NO	0
2753	TKO POWER SO FORK BAR CRK	TKO POWER INC	SHASTA		NORTH OF BIRWOOD ROAD	HYDRO	HYDRO	0	NO	0
2754	SFAR Carbon GTCG	TOSCO	CONTRA COSTA		2101 FRANKLIN CANYON ROAD	NATURAL GAS	OIL-GAS	0	YES	0
2755	Total EF	County Sanitation Districts of	LOS ANGELES		24501 SOUTH FIGUEROA	DIGESTER GAS	OIL-GAS	GAS TURBINE COMBINED CYCLE	YES	0
2756	Tovon Canyon Landfill	OGDEN ENERGY GROUP, INC.	LOS ANGELES		5050 MOUNT HOLLYWOOD DRIVE (GRIFFFITH PARK)	MSW	MSW	RECIPROCATING ENGINE	NO	0
2757	Tracy GT1									0
2758	Tracy GT2									0
2759	TRW	TRW INC.	SAN DIEGO		1 RANCHO CARMEL DRIVE	NATURAL GAS	OIL-GAS	RECIPROCATING ENGINE	YES	0
2760	Tulare Co Correctional Center		TULARE		1875 SOUTH WEST STREET	MSW	MSW	DIGESTER GAS	NO	0
2761	MM Tulare	MINNESOTA METHANE	TULARE		26651 ROAD 140	LANDFILL GAS	LANDFILL GAS	GAS TURBINE COMBINED CYCLE	NO	0
2762	Tulare Detention Facility (Bob Wiles)	COUNTY OF TULARE	TULARE		36712 ROAD 112	NATURAL GAS	OIL-GAS	GAS FUELED RECIPROCATING ENGINE	YES	0
2763	Turbine Tech	TURBINE TECHNOLOGY	ORANGE		4700 1/2 SAN ANTONIO ROAD	NATURAL GAS	OIL-GAS	GAS FUELED RECIPROCATING ENGINE	YES	0
2764	Union-Tribune Publishing	COPLEY PRESS, INC.	SAN DIEGO		350 CAMINO DE LA REINA	NATURAL GAS	OIL-GAS	GAS TURBINE	YES	0
2765	United CCGJ	United Airlines SFONU	SAN MATEO		SAN FRANCISCO INTL AIRPORT, HWY 101, AIRPORT EXIT	NATURAL GAS	OIL-GAS	0	YES	0
2766	UNITED HYDRO WOLFEN BYPASS	CCD	MERCED		WOLFEN BYPASS	HYDRO	HYDRO	0	NO	0
2767	USD Cogen GTCG1	HAWTHORNE ENGINE SYSTEMS	SAN DIEGO		5908 LINDA VISTA RD	NATURAL GAS	OIL-GAS	RECIPROCATING ENGINE	YES	0
2768	USD Cogen GTCG2	Hawthorne Engine Systems								0
2769	USD Cogen GTCG3	Hawthorne Engine Systems								0
2770	UCSD GTCG									0
2771	USF GTCG		SAN FRANCISCO		2130 FULTON STREET, IGNATIAN HEIGHTS	NATURAL GAS	OIL-GAS	0	YES	0
2772	Rincon Facility STCG	UNOCAL	VENTURA		5777 W. PACIFIC COAST HWY	NATURAL GAS	OIL-GAS	STEAM TURBINE-ENHANCED OIL RECOVERY	YES	0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Main Begin	Main End	Forced Outage	Main Rate	Non Cyclic	Main Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity	
2773	VA Hospital	VA MEDICAL CENTER	5000	850	97	3	-	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2774	Vaca-Dixon GT		10000	49000	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	102	0	0	0		
2775	Valero GTCC1		10000	51000	91	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
2776	Vanguard (Electronic Plating)	VANGUARD/ELECTRONIC PLATING	5000	100	97	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2777	Easton Water Renovation	CITY OF VENTURA	5000	548	97	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2778	Vintage Petroleum	CONOCO, INC.	5000	3300	97	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2779	Vulcan	CALENERGY	20000	29900	4	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jul-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2780	Wadhams	WADHAM ENERGY LIMITED PARTNERS	8000	23600	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2781	WALNUT VALLEY WTR DIST#1	WALNUT VALLEY WATER DISTRICT	0	125	1	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	15-Oct-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2782	The Wave		5000	120	97	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2783	WEA BAKER CRK PROJ	ALBERT HUNT & BAKER STATION ASS	0	1500	1	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	07-May-02	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2784	Westend GTCC	NORTH AMERICAN CHEMICAL CO.	5000	1200	97	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2785	Western Rock Products	WESTERN ROCK PRODUCTS	8000	250	7	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2786	WFA STATION 1	WATER FACILITY AUTH-A JPA	0	224	1	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Mar-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2787	Hudson	WHEELABRATOR	8000	6000	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	30-Apr-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2788	Lassen (Shasta Mill) GTCC	Wheelabrator-Lassen	5000	41200	91	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2789	Martell	WHEELABRATOR MARTELL INC.	8000	8200	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2790	Newark CCG	WHEELABRATOR NORWALK EGY CO	5000	22200	97	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2791	Shasta 1	WHEELABRATOR SHASTA ENERGY COM	8000	16400	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2792	Shasta 2	Wheelabrator	10000	16400	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2793	Shasta 3	Wheelabrator	10000	16400	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2794	Wheelabrator		8000	6070	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2795	WHITEWATER	DESERT WATER AGENCY	0	1000	1	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2796	Praxair GTCC2	Praxair	8000	0	97	3	-1	-	01-Jan-80	01-Jan-80	25	25	1	1	1	1	1	1	1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	125	0	0	0	
2797	Wineagle #2	WINEAGLE DEVELOPMENT, LP	20000	600	4	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	11-Jul-02	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2798	Wintner #2		0	750	0	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2799	Wolfkill GT		10000	45000	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0	
2800	Woodland Biomass	THERMO ECOTEK	8000	22000	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2801	MM Yolo	YOLO COUNTY	8000	2110	7	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2802	YOLO CITY FLD & WTD CLEAR LK	CATALYST ENERGY DEVELOPMENT	0	2500	0	3	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2803	Yountville Cogen		5000	3000	91	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2804	Yuba City GTCC	YUBA CITY COGEN	5000	47900	91	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2805	Yuba City GT		10000	48700	100	2	2.3	XNGST65FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	20	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	102	0	0	0	
2806	Yuba City WWP		5000	140	2	2	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-53	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2807	Windparks - Altamont Pass		0	694840	2	2	-1	-	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2808	Windparks - Pacheco Pass		0	16000	2	2	-1	-	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2809	Windparks - Solano County		0	66800	2	2	-1	-	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2810	Windparks - Tehachapi Pass		0	749998	2	2	-1	-	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	31-Dec-99	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2811	Windparks - Los Angeles		0	500	2	3	-1	-	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2812	Windparks - San Geronimo		0	590257	2	3	-1	-	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	0	
2813	Neil Simpson II GT	Black Hills Corp	8500	42000	93	7	-1	-	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
2814	Whitehead IC3	Springville City of	10000	6800	84	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
2815	Whitehead IC4		10000	4800	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1								

Number	Name	Utility	Maxnum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2773	VA Hospital	VA MEDICAL CENTER			FALSE		G0646	VA HOSPITAL			
2774	Vaca-Dixon GT				FALSE						
2775	Valero GTCG1		-1	-1	FALSE						
2776	Vanguard (Electronic Plating)	VANGUARD/ELECTRONIC PLATING			FALSE		G0650	VANGUARD (ELECTRONIC PLATING)	VANGUARD ELECTRONIC PLATING		
2777	Eastside Water Renovation	CITY OF VENTURA			FALSE		G0123	CITY OF VENTURA EASTSIDE WTR RENOVATION			
2778	Vintage Petroleum	CONOCO, INC.			FALSE		G0658	VINTAGE PETROLEUM			
2779	Vulcan	CALENERGY			FALSE		T0053	VULCAN BN GEOTHERMAL			
2780	Wadhams	WADHAM ENERGY LIMITED PARTNERS			FALSE		E0102	WADHAM ENERGY LTD. PART.	WADHAM ENERGY LIMITED PARTNERSHIP		
2781	WALNUT VALLEY WTR DIST#1	WALNUT VALLEY WATER DISTRICT			FALSE		H0553	WALNUT VALLEY WATER DISTRICT (#1)			
2782	The Wave				FALSE		G0667	THE WAVE			
2783	WEA BAKER CRK PROJ	ALBERT HUNT & BAKER STATION ASS			FALSE		H0547	WEA BAKER CREEK PROJECT	BAKER CREEK PROJECT		
2784	Westend GTCG	NORTH AMERICAN CHEMICAL CO.			FALSE		G0396	WESTEND	NORTH AMERICAN CHEMICAL COMPANY		
2785	Western Rock Products	WESTERN ROCK PRODUCTS			FALSE		E0103	WESTERN ROCK PRODUCTS			
2786	WEA STATION 1	WATER FACILITY AUTH-A JPA			FALSE		H0548	WEA STATION 1			
2787	Hudson	WHEELABRATOR			FALSE		E0165	WHEELABRATOR HUDSON ENERGY COMPANY	WHEELABRATOR HUDSON ENERGY COMPANY		
2788	Lassen (Shasta Mill) GTCG	Wheelabrator-Lassen			FALSE		G0563	WHEELABRATOR LASSEN	SHASTA MILL COGENERATION		
2789	Martell	WHEELABRATOR MARTELL INC.			FALSE		E0051	WHEELABRATOR MARTELL INC.	WHEELABRATOR MARTELL INC.		
2790	Newalk CCG	WHEELABRATOR NORWALK EGY CO			FALSE		G0673	WHEELABRATOR NORWALK ENERGY COMPANY	METROPOLITAN STATE HOSPITAL		
2791	Shasta 1	WHEELABRATOR SHASTA ENERGY COM			FALSE		E0086	WHEELABRATOR SHASTA			
2792	Shasta 2	Wheelabrator	-1	-1	FALSE						
2793	Shasta 3	Wheelabrator	-1	-1	FALSE						
2794	Wheelabrator	Wheelabrator	-1	-1	FALSE						
2795	WHITEWATER	DESERT WATER AGENCY			FALSE		H0136	WHITEWATER			
2796	Praxair GTCG2	Praxair			FALSE						
2797	Wineagle	WINEAGLE DEVELOPMENT, LP			FALSE		T0054	WINEAGLE DEVELOPERS 1	RAMCO or WINEAGLE 1		
2798	Wintec #2				FALSE						
2799	Wolfkill GT				FALSE						
2800	Woodland Biomass	THERMO ECOTEK			FALSE		E0105	WOODLAND BIOMASS	WOODLAND BIOMASS POWER, LTD.		
2801	MM Yolo	YOLO COUNTY			FALSE		E0154	YOLO COUNTY LANDFILL	YOLO LANDFILL		
2802	YOLO CTY FLOOD & WTD CLEAR LK	CATALYST ENERGY DEVELOPMENT			FALSE		H0576	YOLO COUNTY FLOOD & WTD (CLEAR LAKE)	CLEAR LAKE HYDRO		
2803	Yountville Cogem				FALSE		G0653	YOUNTVILLE COGEN	VETERANS HOME OF CALIFORNIA		
2804	Yuba City GTCG	YUBA CITY COGEN			FALSE		G0686	YUBA CITY COGEN			
2805	Yuba City GT				FALSE						
2806	Yuba City WWTP				FALSE		G0688	YUBA CITY WWTP			
2807	Windparks - Altamont Pass				FALSE						
2808	Windparks - Pacheco Pass				FALSE						
2809	Windparks - Solano County				FALSE						
2810	Windparks - Tehachapi Pass				FALSE						
2811	Windparks - Los Angeles				FALSE						
2812	Windparks - San Geronio				FALSE						
2813	Neil Simpson II GT	Black Hills Corp	0	0	FALSE	T1 EPM 2000 add			Neil Simpson II		
2814	Whitehead IC3	Springville City of	0	0	FALSE	T1 EPM 2000 add			Whitehead		
2815	Whitehead IC4				FALSE						
2816	Whitehead IC3-7				FALSE						
2817	Arpahee CC5		-1	-1	FALSE						
2818	Carcarb GTCG	TransCanada	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2819	CE Turbo	CalEnergy	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	CA
2820	Dapp (Westlock)	Drayton Valley Power	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2821	Fort Saskatchewan GTCG1	TransAlta	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2822	Fort Saskatchewan GTCG2	TA/Air Liquide	-1	-1	FALSE						
2823	Drywood STC	Canadian Gas & Electric	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2824	Edmonton GTCG	U of A	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2825	Faraday Rehabilitation	PGE	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	OR
2826	Fort Nelson GT	TransAlta	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2827	Gold Creek	NOVA	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2828	Marsh Valley	Marsh Valley Hydroelectric	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	ID
2829	Poplar Creek CCCC1	TransAlta	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2830	Poplar Creek CCCC2	TransAlta	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2831	Poplar Hill GT	ATCO Power	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2832	Flare Gas plants	Columbia Power Systems	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2833	River Mill Rehabilitation	PGE	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	OR
2834	Scottford Shell GTCG	Air Liquide	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2835	Windplants - Alberta				FALSE						
2836	Springfield ICs	Springfield Utility Board	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	OR
2837	Sullivan Rehabilitation	PGE	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	OR
2838	Valmont GT7	Black Hills	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	CO
2839	Valmont GT8				FALSE						
2840	Diamond Valley Lake Small Conduit (Wadsworth)	Metropolitan Water District	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	CA
2841	Albany CC		-1	-1	FALSE						
2842	Albany GT				FALSE						
2843	Alden Bailey GT				FALSE						
2844	Apex Industrial CC1	Mirant	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	NV
2845	Arlington Valley CC1	Duke Energy NA	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	AZ
2846	Bear Creek CCCC		-1	-1	FALSE						
2847	Beowawe Power	TransAlta	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	WA
2848	Big Hanford CC				FALSE						
2849	Bighorn CC				FALSE						
2850	Blue Spruce GT1				FALSE						
2851	Blue Spruce GT2				FALSE						
2852	BP Cherry Point GT				FALSE						
2853	Brush #4 GT1				FALSE						
2854	Brush #4 GT2				FALSE						
2855	Brush IV GT1				FALSE						
2856	Brush IV GT2				FALSE						
2857	Burdett ICs				FALSE						
2858	Calgary Energy Centre CC	Calpine	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2859	Gitroy GT1	Calpine	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	CA
2860	Gitroy GT2	Calpine			FALSE						
2861	Gitroy GT3	Calpine			FALSE						
2862	Caitness Dixie Valley				FALSE						
2863	Carseland GT1	TransCanada	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2864	Carseland GT2	TransCanada Energy			FALSE						
2865	Cascade Rock Ridge				FALSE						
2866	Cavalier CC	PanCanadian	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2867	Coaldale ICs				FALSE						
2868	Delta Energy Center CC	Calpine & Bechtel	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	CA
2869	Desert Basin CC	Reliant	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	AZ
2870	Drywood Expansion STFCG	Canadian Gas & Electric	-1	-1	FALSE	EPIS New Plant 6/11/01				Canada	AB
2871	Elk Hills CC	Sempra OXY	-1	-1	FALSE	EPIS New Plant 6/11/01				USA	CA

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2773	VA Hospital	VA MEDICAL CENTER	SAN DIEGO		3350 LA JOLLA VILLAGE DR.	NATURAL GAS	OIL GAS	GAS TRUBINE	YES	0
2774	Vaca-Dixon GT									0
2775	Valero GTCG1									0
2776	Vanguard (Electronic Plating)	VANGUARD/ELECTRONIC PLATING	LOS ANGELES		13021 S. BUDLONG AVE	NATURAL GAS	OIL GAS	GAS FUELED RECIPROCATING ENGINE	YES	0
2777	Vantage Renewation	CITY OF VENTURA	VENTURA		1400 SPINNAKER DRIVE	NATURAL GAS	OIL GAS	GAS FUELED RECIPROCATING ENGINE	YES	0
2778	Vintage Petroleum	CONOCO, INC.	VENTURA		290 MAPLE COURT	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2779	Vulcan	CALENERGY	IMPERIAL		7001 GENTRY ROAD	HYDROTHERMAL	GEOTHERMAL	DOUBLE-FLASH CYCLE	NO	0
2780	Wadhams	WADHAM ENERGY LIMITED PARTNERS	COLUSA		6247 MEYERS ROAD	AG WASTE	BIOMASS	0	NO	0
2781	WALNUT VALLEY WTR DIST#1	WALNUT VALLEY WATER DISTRICT	LOS ANGELES		4102 VALLEY BLVD.	HYDRO	HYDRO	P.R. STATION	NO	0
2782	The Wave		SAN DIEGO		161 RECREATION DRIVE	NATURAL GAS	OIL GAS	RECIPROCATING ENGINE	YES	0
2783	WEA BAKER CRK PROJ	ALBERT HUNT & BAKER STATION ASS	HUMBOLDT		0	HYDRO	HYDRO	0	NO	0
2784	Westand GTCG	NORTH AMERICAN CHEMICAL CO.	SAN BERNARDINO		13200 MAIN STREET	NATURAL GAS	OIL GAS	COMBUSTION TURBINE/TOPPING CYCLE	YES	0
2785	Western Rock Products	WESTERN ROCK PRODUCTS	SAN BERNARDINO		31290 TROY ROAD	BIOMASS	BIOMASS	POTENTIAL ENERGY RECOVERY	NO	0
2786	WFA STATION 1	WATER FACILITY AUTH-A JPA	SAN BERNARDINO		0	HYDRO	HYDRO	F.R. STATION	NO	0
2787	Hudson	WHEELABRATOR	SHASTA		6309 HIGHWAY 273	WOODWASTE	BIOMASS	0	YES	0
2788	Lassen (Shasta Mill) GTCG	Wheelabrator-Lassen	SHASTA		21091 HAWES ROAD (& DESCHUTES ROAD)	NATURAL GAS	OIL GAS	0	YES	0
2789	Martell	WHEELABRATOR MARTELL INC.	AMADOR		HWY 49 & RIDGE ROAD	WOODWASTE	BIOMASS	GRATE BOILER	YES	0
2790	Newalk CCG	WHEELABRATOR NORWALK EGY CO	LOS ANGELES		11500 S. NORWALK BLVD	NATURAL GAS	OIL GAS	COMBINED CYCLE/TOPPING CYCLE	YES	0
2791	Shasta 1	WHEELABRATOR SHASTA ENERGY COM	SHASTA		20811 INDUSTRY ROAD	WOODWASTE	BIOMASS	0	YES	0
2792	Shasta 2	Wheelabrator								0
2793	Shasta 3	Wheelabrator								0
2794	Wheelabrator									0
2795	WHITEWATER	DESERT WATER AGENCY	RIVERSIDE		79 WHITEWATER CANYON DRIVE	HYDRO	HYDRO	RUN-OF-RIVER	NO	0
2796	Praxair GTCG2	Praxair								0
2797	Wineagle	WINEAGLE DEVELOPMENT, LP	LASSEN		ANTOLA RD AND WENDEL RD	HYDROTHERMAL	GEOTHERMAL	BINARY	NO	0
2798	Wintec #2									0
2799	Wolfkill GT									0
2800	Woodland Biomass	THERMO ECOTEK	YOLO		1786 E. KENTUCKY AVENUE	AG. & WOODWASTE	BIOMASS	0	NO	0
2801	MM Yolo	YOLO COUNTY	YOLO		44090 COUNTRY RD 28H & COUNTRY RD 104	LANDFILL GAS	LANDFILL GAS	RECIPROCATING ENGINE	NO	0
2802	YOLO CTY FLOOD & WTD CLEAR LK	CATALYST ENERGY DEVELOPMENT	YOLO		1822 DIAM ROAD	LAKE	HYDRO	0	NO	0
2803	Yountville Cogen		NAPA		YOUNTVILLE HOME STATION, CALIFORNIA DRIVE & HWY 29	NATURAL GAS	OIL GAS	0	YES	0
2804	Yuba City GTCG	YUBA CITY COGEN	SUTTER		873 NORTH WALTON AVE.	NATURAL GAS	OIL GAS	0	YES	0
2805	Yuba City GT									0
2806	Yuba City WWTP		SUTTER		0	NATURAL GAS	OIL GAS	0	YES	0
2807	Windparks - Altamont Pass									0
2808	Windparks - Pacheco Pass									0
2809	Windparks - Solano County									0
2810	Windparks - Tehachapi Pass									0
2811	Windparks - Los Angeles									0
2812	Windparks - San Geronio									0
2813	Neil Simpson II GT	Black Hills Corp		Springville		Gas	Gas		NO	2000
2814	Whitehead IC3	Springville City of		Springville		Gas	Gas		NO	2000
2815	Whitehead IC4									0
2816	Whitehead IC3-7									0
2817	Arapahee CC5									0
2818	Carcarb GTCG	TransCanada								2000
2819	CE Turbo	CalEnergy	Imperial				Geothermal			2000
2820	Dapp (Westlock)	Drayton Valley Power		Dapp			Biomass			2000
2821	Fort Saskatchewan GTCG1	TransAlta		Fort Saskatchewan					YES	2000
2822	Fort Saskatchewan GTCG2	TA/Air Liquide								2000
2823	Drywood STC	Canadian Gas & Electric		Drywood			Natural Gas			2000
2824	Edmonton GTCG	U of A		Edmonton					YES	2001
2825	Faraday Rehabilitation	PGE	Clackamas				WAT	HY Eff		0
2826	Fort Nelson GT	TransAlta		Fort Nelson			Gas Turbine			2000
2827	Gold Creek	NOVA		Gold Creek			Waste Heat			2000
2828	Marsh Valley	Marsh Valley Hydroelectric	Bannock				WAT	HY		0
2829	Poplar Creek CCCC1	TransAlta					Gas	Combined		2000
2830	Poplar Creek CCCC2	TransAlta					Gas	Combined		2001
2831	Poplar Hill GT	ATCO Power		Poplar Hill			Gas Turbine			2000
2832	Flare Gas plants	Columbia Power Systems		Red Earth Creek			Natural Gas			2001
2833	River Mill Rehabilitation	PGE	Clackamas				WAT	HY Eff		0
2834	Scottford Shell GTCG	Air Liquide		Scottford					YES	2000
2835	Windplants - Alberta									0
2836	Springfield ICs	Springfield Utility Board	Lane				FO2	IC		2001
2837	Sullivan Rehabilitation	PGE	Clackamas				WAT	HY Eff		0
2838	Valmont GT7	Black Hills	Boulder				Gas/Coal			2000
2839	Valmont GT8									0
2840	Diamond Valley Lake Small Conduit (Wadsworth)	Metropolitan Water District		Hemet			WAT	HY		2001
2841	Albany CC									0
2842	Albany GT									0
2843	Alden Bailey GT									0
2844	Apex Industrial CC1	Miram	Clark				Gas	Combined		2003
2845	Arlington Valley CC1	Duke Energy NA	Maricopa	Arlington Valley			Gas			2002
2846	Bear Creek CCCC									0
2847	Brownaw Power									0
2848	Big Hornford CC	TransAlta	Lewis				NG	CC		2002
2849	Bighorn CC									0
2850	Blue Spruce GT1									0
2851	Blue Spruce GT2									0
2852	BP Cherry Point GT									0
2853	Brush #4 GT1									0
2854	Brush #4 GT2									0
2855	Brush IV GT1									0
2856	Brush IV GT2									0
2857	Burdett ICs									0
2858	Calgary Energy Centre CC	Calpine		Calgary	144Av & 68St NE	Gas		Combined		2002
2859	Gitroy GT1	Calpine	Santa Clara			Gas				2001
2860	Gitroy GT2	Calpine								0
2861	Gitroy GT3	Calpine								0
2862	Cairness Dixie Valley									0
2863	Carseland GT1	TransCanada		Carseland			Gas		YES	2001
2864	Carseland GT2	TransCanada Energy								0
2865	Castle Rock Ridge									0
2866	Cavalier CC	PanCanadian		Cavalier			Natural Gas			2001
2867	Coaldale ICs									0
2868	Delta Energy Center CC	Calpine & Bechtel	Contra Costa	Pittsburg		Gas		Combined		2002
2869	Desert Basin CC	Reliant	Pinal	Casa Grande		Gas				2001
2870	Drywood Expansion STCG	Canadian Gas & Electric		Drywood Exp.		Natural Gas				2001
2871	Elk Hills CC	Sempra OXY	Kern			Gas		CC cogen	YES	2003

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint Rate	Non Cyclic	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity	
2872	Elmworth IC	Northeast Power Corp.	9500	3000	71	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Apr-03	31-Dec-53	FALSE	33	-	-	-	-	-	-	-	-	-	-	-
2873	Egilton GT		10000	38500	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Apr-03	31-Dec-53	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2874	Finsley GT		10000	27000	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Apr-03	31-Dec-53	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2875	Fort Macleod GTCC		10000	55000	71	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Apr-03	31-Dec-53	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2876	Fairford ICs		10000	11400	74	10	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-53	FALSE	0	0	6	-	-	-	-	-	125	0	0	-
2877	Foster Creek GTCC		10000	80000	71	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2878	Frederickson CC	Westcoast Energy/EPCOR dba Fre	7000	249000	92	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2879	Frontier		8000	10000	7	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2880	Georgia Pacific GT1		10000	10700	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2881	Gila River CC1		7000	575000	74	10	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	38	0	6	-	-	-	-	-	108	0	0	-
2882	Gila River CC2		7000	575000	74	10	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	38	0	6	-	-	-	-	-	108	0	0	-
2883	Gila River CC3		7000	575000	74	10	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	38	0	6	-	-	-	-	-	108	0	0	-
2884	Gila River CC4		7000	575000	74	10	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	38	0	6	-	-	-	-	-	108	0	0	-
2885	Gillette GT	Black Hills	10000	42000	93	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2886	Wyggen ST		11000	90000	39	7	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	15-Jan-01	31-Dec-53	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2887	Grande Prairie		8000	25000	7	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2888	Grays Harbor GT1		10000	11000	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2889	Grays Harbor GT2		10000	11000	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2890	Griffith CC	Griffith Energy (PPL & Duke)	7000	520000	74	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2891	Harquahala CC1	PG&E NEG (Harquahala Generation	8500	520000	74	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2892	Harquahala CC2	PG&E NEG (Harquahala Generation	7000	520000	74	10	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	38	0	6	-	-	-	-	-	108	0	0	-
2893	Helena Waste		8000	150	6	6	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0	-
2894	Hermiston Power CCG	Calpine, dba Hermiston Power P	7000	530000	92	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2895	Hermiston Power GT	Calpine	10000	100000	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2896	High Desert CC	Inland Group & Constellation	8500	720000	97	3	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2897	HW Landfill 1,5		8000	10500	92	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	0	0	0	-
2898	Island CCGC	Calpine purchase from Westcoast	7000	250000	72	4	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2899	Klondike Wind	OTH	0	23300	2	1	-	-	01-Jan-80	01-Jan-80	7.5	7.5	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0	-
2900	Kyrene CC		7000	250000	74	10	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	38	0	6	-	-	-	-	-	108	0	0	-
2901	La Rosita CC1		7000	187500	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2902	La Rosita CC2		7000	187500	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	125	0	0	-
2903	La Rosita CC3		7000	155000	97	3	-	-	01-Jan-80	01-Jan-80	25	25	1	1	-	-	-	-	-	31-Dec-99	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	125	0	0	-
2904	Lower Baker Runner Replacement	Puget Sound Energy	0	2000	1	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2905	MacKay River		10000	165000	71	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2906	Mahkesses Cold Lake GT1		10000	95000	71	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2907	Mahkesses Cold Lake GT2		10000	95000	71	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2908	MaBride Lake		0	79000	2	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	0	0	0	-	
2909	156000 GT1 rerated		10000	156000	105	8	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	40	0	6	-	-	-	-	-	66	0	0	-
2910	Manchili GT2 rerated		10000	156000	105	8	1.1	266	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	40	0	6	-	-	-	-	-	66	0	0	-
2911	Mesquite CC1		7000	632500	74	10	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	38	0	6	-	-	-	-	-	108	0	0	-
2912	Milagro GTCC1		10000	28200	77	9	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	125	0	0	-
2913	Milagro GTCC2		10000	28200	77	9	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	125	0	0	-
2914	Muskog Power GT		10000	24000	92	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2915	Muskeg River CCG1	Shell ATCO	6500	85000	71	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2916	Muskeg River CCG2	ATCO/Shell	8800	85000	71	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2917	Nine Canyon	OTH	0	48100	2	1	-	-	01-Jan-80	01-Jan-80	7.5	7.5	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0	-
2918	Nishabur		0	550	2	13	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	-	-	-	-	-	-	-	-	-	-	-	-
2919	Northside Landfill		8000	800	6	1	-	-	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	0	0	6	-	-	-	-	-	0	0	0	-
2920	Okanogan ICs		10000	26000	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2921	Pasco GT1		10000	11000	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2922	Pasco GT2		10000	11000	92	1	1.8	305	01-Jan-80	01-Jan-80	-	-	-	-	-	-	-	-	-	01-Jan-80	31-Dec-50	FALSE	33	0	6	-	-	-	-	-	109	0	0	-
2923	Petzert Table	OTH	0	25200	2	8	-	-																										

Number	Name	Utility	Maximm Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2872	Elmworth IC	Northstone Power Corp.	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2873	Egilton GT				FALSE						
2874	Finley GT				FALSE						
2875	Fort Macleod GTCG		-1	-1	FALSE						
2876	Fort MacLeod ICs				FALSE						
2877	Foster Creek GTCG		-1	-1	FALSE						
2878	Frederickson CC	Westcoast Energy/EPCOR dba Fre	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2879	Frontier		-1	-1	FALSE						
2880	Georgia Pacific GT				FALSE						
2881	Gila River CC1				FALSE						
2882	Gila River CC2				FALSE						
2883	Gila River CC3				FALSE						
2884	Gila River CC4				FALSE						
2885	Gillette GT	Black Hills	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WY
2886	Wygen ST	Black Hills	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WY
2887	Grande Prairie		-1	-1	FALSE						
2888	Grays Harbor GT1				FALSE						
2889	Grays Harbor GT2				FALSE						
2890	Griffith CC	Griffith Energy (PPL & Duke)	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	AZ
2891	Harquahala CC1	PG&E NEG (Harquahala Generatin	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	AZ
2892	Harquahala CC2	PG&E NEG (S199)			FALSE						
2893	Helena Waste				FALSE						
2894	Hermiston Power CCGG	Calpine, dba Hermiston Power P	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	OR
2895	Hermiston Power GT	Calpine			FALSE						
2896	High Desert CC	Inland Group & Constellation	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	CA
2897	HW Hill Landfill 1-5				FALSE						
2898	Island CCGG	Calpine purchase from Westcoast	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	BC
2899	Klondike Wind	OTH			FALSE						
2900	Kyrene CC				FALSE						
2901	La Rosta CC1				FALSE						
2902	La Rosta CC2				FALSE						
2903	La Rosta CC3				FALSE						
2904	Lower Baker Runner Replacement	Puget Sound Energy	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2905	MacKay River		-1	-1	FALSE						
2906	Mahkesses Cold Lake GT1		-1	-1	FALSE						
2907	Mahkesses Cold Lake GT2		-1	-1	FALSE						
2908	McBride Lake				FALSE						
2909	Manchief GT1 rerated	OTH			FALSE						
2910	Manchief GT2 rerated				FALSE						
2911	Mesquite CC1				FALSE						
2912	Milagro GTCG1				FALSE						
2913	Milagro GTCG2				FALSE						
2914	Mirror Power GT				FALSE						
2915	Muskog River CCGG1	Shell ATCO	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2916	Muskog River CCGG2	ATCO/Shell	-1	-1	FALSE						
2917	Nine Canyon	OTH			FALSE						
2918	Nahabford				FALSE						
2919	Northside Landfill				FALSE						
2920	Okanogan ICs				FALSE						
2921	Pasco GT1				FALSE						
2922	Pasco GT2				FALSE						
2923	Petz Table	OTH			FALSE						
2924	Pine Products		-1	-1	FALSE						
2925	Plains End IC1-20				FALSE						
2926	Kentles Hills	Benigo Energy	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2927	Procter & Gamble GTCG	Sacramento Municipal	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	CA
2928	Precision Pine		-1	-1	FALSE						
2929	Randolph Rd IC1-20				FALSE						
2930	Red Deer GTCG	API Grain Processors	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2931	Rye Patch				FALSE						
2932	Scotford CCGG		-1	-1	FALSE						
2933	StateLine Wind	FPL Energy	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2934	Simpson Ridge	OTH			FALSE						
2935	Seven Mile Unit 4	BC Hydro	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	BC
2936	Steamboat Springs				FALSE						
2937	Sturgeon GTCG3	ATCO	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2938	Sundance ST1A	TransAlta	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2939	Sundance GT1				FALSE						
2940	Sundance GT2				FALSE						
2941	Sundance GT3				FALSE						
2942	Sundance GT4				FALSE						
2943	Sundance GT5				FALSE						
2944	Sundance GT6				FALSE						
2945	Taber ICs	Maxim Energy Corp.	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2946	TRI-Center GT1	Naniwa Energy	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	NV
2947	TRI-Center GT2	Naniwa Energy			FALSE						
2948	TRI-Center GT3	Naniwa Energy			FALSE						
2949	TRI-Center GT4	Naniwa Energy			FALSE						
2950	TRI-Center GT5	Naniwa Energy			FALSE						
2951	TRI-Center GT6	Naniwa Energy			FALSE						
2952	Valleyview GTCG	ATCO Power (IPP)	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2953	West Phoenix CC4	APS/Calpine	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	AZ
2954	Indigo GT1	InterGen	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	CA
2955	Indigo GT2	Wildflower LLP			FALSE						
2956	Indigo GT3	Wildflower LLP			FALSE						
2957	Larkspur GT1	InterGen	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	CA
2958	Larkspur GT2	Wildflower LLP			FALSE						
2959	Sturgeon GTCG1	ATCO	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2960	Sturgeon GTCG2		-1	-1	FALSE						
2961	Chin Chute	Irrican Power	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2962	Raymond Reservoir	Irrican Power	-1	-1	FALSE	EPIS NewPlant 6/11/01				Canada	AB
2963	Fountain Valley GT1	Black Hills	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	CO
2964	Fountain Valley GT2	Black Hills Corp			FALSE						
2965	Fountain Valley GT3	Black Hills Corp			FALSE						
2966	Fountain Valley GT4	Black Hills Corp			FALSE						
2967	Fountain Valley GT5	Black Hills Corp			FALSE						
2968	Fountain Valley GT6	Black Hills Corp			FALSE						
2969	Moss Landing CC1	Duke			FALSE					PROJECTION	
2970	Moss Landing CC2	Duke			FALSE					PROJECTION	



Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2872	Elmworth IC	Northstone Power Corp.		Elmworth Area		Natural Gas				2001
2873	Equilon GT									0
2874	Finley GT									0
2875	Fort Macleod GTCG									0
2876	Fort MacLeod ICs									0
2877	Foster Creek GTCG									0
2878	Frederickson CC	Westcoast Energy/EPCOR dba Fre	Pierce	Frederickson		NG		CC		2002
2879	Frontier									0
2880	Georgia Pacific GT									0
2881	Gila River CC1									0
2882	Gila River CC2									0
2883	Gila River CC3									0
2884	Gila River CC4									0
2885	Gillette GT	Black Hills	Campbell	Gillette		Gas				2001
2886	Wygen ST	Black Hills	Campbell	Gillette		Coal				2003
2887	Grande Prairie									0
2888	Grays Harbor GT1									0
2889	Grays Harbor GT2									0
2890	Griffith CC	Griffith Energy (PPL & Duke)	Mohave	Kingman		Gas		Combined		2001
2891	Harquahala CC1	PG&E NEG (Harquahala Generatin	Maricopa			Gas		Combined		2003
2892	Harquahala CC2	PG&E NEG (S199)								0
2893	Helena Waste									0
2894	Hermiston Power CCGG	Calpine, dba Hermiston Power P	Umatilla	Hermiston		NG		CCCG		2002
2895	Hermiston Power GT	Calpine								0
2896	High Desert CC	Inland Group & Constellation	San Bernardino	Victorville		Gas		Combined		2003
2897	HW Hill Landfill 1-5									0
2898	Island CCGG	Calpine purchase from Westcoast		Campbell River		Gas		Combined	YES	2002
2899	Klondike Wind	OTH								0
2900	Kyrene CC									0
2901	La Rosta CC1									0
2902	La Rosta CC2									0
2903	La Rosta CC3									0
2904	Lower Baker Runner Replacement	Puget Sound Energy	Skagit			WAT		HY Eff		2001
2905	MacKay River									0
2906	Mahkesses Cold Lake GT1									0
2907	Mahkesses Cold Lake GT2									0
2908	McBride Lake									0
2909	Manchief GT1 rerated	OTH								0
2910	Manchief GT2 rerated									0
2911	Mesaquite CC1									0
2912	Milagro GTCG1									0
2913	Milagro GTCG2									0
2914	Muirrow Power GT									0
2915	Muskeg River CCGG1	Shell/ATCO		Muskeg		Gas		Cogeneration	YES	2002
2916	Muskeg River CCGG2	ATCO/Shell								0
2917	Nine Canyon	OTH								0
2918	Nahabford									0
2919	Northside Landfill									0
2920	Okanogan ICs									0
2921	Pasco GT1									0
2922	Pasco GT2									0
2923	Petz Table	OTH								0
2924	Pine Products									0
2925	Plains End IC1-20									0
2926	Kentles Hills	Benigo Energy		Pincher Creek		Wind				2001
2927	Procter & Gamble GTCG	Sacramento Municipal	Sacramento			Gas				2001
2928	Precision Pine									0
2929	Randolph Rd IC1-20			Red Deer		Natural Gas				0
2930	Red Deer GTCG	API Grain Processors								2001
2931	Rye Patch									0
2932	Scotford CCGG									0
2933	StateLine Wind	FPL Energy	Walla Walla			WND		WT		2001
2934	Simpson Ridge	OTH								0
2935	Seven Mile Unit 4	BC Hydro		Trail		WAT		HY		2004
2936	Steamboat Springs									0
2937	Sturgeon GTCG3	ATCO				Gas				2001
2938	Sundance ST1A	TransAlta		Sundance Upgrades		Coal				2001
2939	Sundance GT1									0
2940	Sundance GT2									0
2941	Sundance GT3									0
2942	Sundance GT4									0
2943	Sundance GT5									0
2944	Sundance GT6									0
2945	Taber ICs	Maxim Energy Corp.		Taber area		Natural Gas				2001
2946	TRI-Center GT1	Naniwa Energy	Storey			Gas				2001
2947	TRI-Center GT2	Naniwa Energy								0
2948	TRI-Center GT3	Naniwa Energy								0
2949	TRI-Center GT4	Naniwa Energy								0
2950	TRI-Center GT5	Naniwa Energy								0
2951	TRI-Center GT6	Naniwa Energy								0
2952	Valleyview GTCG	ATCO Power (IPP)		Valleyview		Natural Gas				2001
2953	West Phoenix CC4	APS/Calpine	Maricopa	Phoenix	4606 W Hadley, S of Van Buren off 43 Ave	Gas		CCCT		2001
2954	Indigo GT1	InterGen	Riverside	San Diego area		NG				2001
2955	Indigo GT2	Wildflower LLP								0
2956	Indigo GT3	Wildflower LLP								0
2957	Larkspur GT1	InterGen	San Diego	Palm Springs		NG				2001
2958	Larkspur GT2	Wildflower LLP								0
2959	Sturgeon GTCG1	ATCO				Gas				2007
2960	Sturgeon GTCG2									0
2961	Chin Chute	Irrican Power								2007
2962	Raymond Reservoir	Irrican Power								2007
2963	Fountain Valley GT1	Black Hills	El Paso			NG		simple-cycle	NO	2001
2964	Fountain Valley GT2	Black Hills Corp								0
2965	Fountain Valley GT3	Black Hills Corp								0
2966	Fountain Valley GT4	Black Hills Corp								0
2967	Fountain Valley GT5	Black Hills Corp								0
2968	Fountain Valley GT6	Black Hills Corp								0
2969	Moss Landing CC1	Duke								0
2970	Moss Landing CC2	Duke								0

Number	Name	Utility	Heat Rate	Capacity	Fuel	Area	Variable O&M	Fixed O&M	Maint Begin	Maint End	Forced Outage	Maint. Rate	Non Cycling	Maint Run	Hydro Number	Minimum Capacity	Start Up Cost	Can Drop	Resource Group	Resource Begin Date	Resource End Date	Resource Fixed	Capacity Monthly Shape	Bidding Factor	Bidding Shape	Committed Heat Rate	Ramp Rate	Min Up Time	Min Down Time	GHG Emission Rate	NOx Emission Rate	SO2 Emission Rate	Recharge Capacity	
2971	Huntington Beach ST3 repower	AES	8200	225000	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-01	31-Dec-53	FALSE	-1	0	6	-1	-1	-1	-1	-1	147	0	0	-1
2972	Redhawk CC1	APS/Reliant	8500	530000	91	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2973	Redhawk CC2	APS/Reliant	8500	530000	91	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2974	Thermoelectrica de Mexicali CC	APS/Reliant	7000	300000	97	3	-1	-1	01-Jan-80	01-Jan-80	25	25	1	1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	125	0	0	-1
2975	Coyote Springs II CC	Avista Utilities dba Coyote Sp	7000	281000	92	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2976	West Valley GT1		10000	40000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	103	0	0	-1
2977	West Valley GT2		10000	40000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	103	0	0	-1
2978	West Valley GT3		10000	43000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	103	0	0	-1
2979	West Valley GT4		10000	43000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	103	0	0	-1
2980	West Valley GT5		10000	43000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	103	0	0	-1
2981	West Phoenix CCS	APS/Calpine	8000	500000	74	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2982	Sunrise CCG	Texaco Global Gas & Power	8800	260000	111	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	0	6	-1	-1	-1	-1	-1	114	0	0	-1
2983	Chehalis Generation CC	Tractebel	7000	520000	92	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Jan-80	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2984	Goldendale	Tractebel	7000	248000	92	1	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2985	Donald Von Raesfeld(Pico Combined Cycle)	Silicon Valley Power	7000	147000	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2986	Magnolia Power Project	Southern California Public Power Authority	7000	310000	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2987	Metcalf Energy Center	Calpine Corp.	7000	602000	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2988	Pastoria Energy Center	Pastoria Energy Facility LLC	7000	750000	97	3	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2989	Desert Peaking Power	Desert Power LP	10000	80000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	103	0	0	-1
2990	Nebo Power Station	Utah Associated Municipal Power Systems	10000	105000	104	11	1.3	106	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	103	0	0	-1
2991	Gobbler's Knob Wind Farm	General Electric Wind Corp.	0	162000	2	8	-1	-1	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	-1	
2992	Colorado Green Windfarm	PPM Energy & Shell Wind Energy	0	162000	2	8	-1	-1	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	-1	
2993	Rocky Mountain Energy Ct	Calpine Corp	7000	600000	93	8	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2994	Hidalgo Peaking plant	Public Service	10000	80000	84	9	2.3	XNGST55FOM	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	74	0	0	-1
2995	Las Cruces Merchant Plant	Energy Southwest	7000	215000	77	9	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2996	New Mexico Wind Energy Farm	FPL Energy, LLC	0	204000	2	9	-1	-1	01-Jan-80	01-Jan-80	7.5	7.5	-1	-1	-1	-1	-1	-1	-1	31-Dec-04	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	0	0	0	-1	
2997	Silver Hawk Power Plant	Pinnacle West Energy	7000	570000	76	10	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
2998	Wyoming Wind Energy Center	FPL Energy, LLC	0	144000	2	7	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	-1
2999	need new name	scompany	17369	125000	4	7	-1	-1	01-Jan-80	01-Jan-80	-1	-1	-1	-1	-1	-1	-1	-1	-1	01-Dec-04	31-Dec-50	FALSE	0	0	6	-1	-1	-1	-1	-1	0	0	0	-1

Number	Name	Utility	Maximum Storage	Initial Contents	Reporting	REM Change Description	REM CEC ID	REM CEC Name	REM Alias Plant Name	REM Country	REM State
2971	Huntington Beach ST3 repower	AES			FALSE						
2972	Redhawk CC1	APS/Reliant	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	AZ
2973	Redhawk CC2	APS/Reliant	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	AZ
2974	Termostelectrica de Mexicali CC				FALSE						
2975	Coyote Springs II CC	Avista Utilities dba Coyote Sp	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	OR
2976	West Valley GT1				FALSE						
2977	West Valley GT2				FALSE						
2978	West Valley GT3				FALSE						
2979	West Valley GT4				FALSE						
2980	West Valley GT5				FALSE						
2981	West Phoenix CCS	APS/Calpine	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	AZ
2982	Sunrise CCOG	Texaco Global Gas & Power			FALSE			PROJECTION			
2983	Chehalis Generation CC	Tractebel	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2984	Goldendale	Tractebel	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2985	Donald Von Raesfeld(Pico Combined Cycle)	Silicon Valley Power	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2986	Magnolia Power Project	Southern California Public Power Authority	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2987	Metcalf Energy Center	Calpine Corp.	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2988	Pastoria Energy Center	Pastoria Energy Facility LLC	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2989	Desert Peaking Power	Desert Power LP			FALSE						
2990	Nebo Power Station	Utah Associated Municipal Power Systems			FALSE						
2991	Gobbler's Knob Wind Farm	General Electric Wind Corp.			FALSE						
2992	Colorado Green Windfarm	PPM Energy & Shell Wind Energy			FALSE						
2993	Rocky Mountain Energy Ct	Calpine Corp	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2994	Hidalgo Peaking plant	Public Service			FALSE						
2995	Las Cruces Merchant Plant	Energy Southwest	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2996	New Mexico Wind Energy Farm	FPL Energy, LLC			FALSE						
2997	Silver Hawk Power Plant	Pinnacle West Energy	-1	-1	FALSE	EPIS NewPlant 6/11/01				USA	WA
2998	Wyoming Wind Energy Center	FPL Energy, LLC			FALSE						
2999	need new name	scompany			FALSE		T0039	GEOTHERMAL 1	NCPA 1		

Number	Name	Utility	REM County	REM City	REM Address	REM Primary Fuel	REM General Fuel	REM Technology	REM COGEN	Rem Online
2971	Huntington Beach ST3 rpower	AES								0
2972	Redhawk CC1	APS/Reliant	Maricopa			Gas		Combined		2002
2973	Redhawk CC2	APS/Reliant	Maricopa			Gas		Combined		2002
2974	Thermoelectrica de Mexicali CC									0
2975	Coyote Springs II CC	Avista Utilities dba Coyote Sp	Morrow	Boardman		NG		CC		2002
2976	West Valley GT1									0
2977	West Valley GT2									0
2978	West Valley GT3									0
2979	West Valley GT4									0
2980	West Valley GT5									0
2981	West Phoenix CCS	APS/Calpine	Maricopa	Phoenix	4606 W Hadley, S of Van Buren off 43 Ave	Gas		CCCT		2001
2982	Sunrise CCG	Texaco Global Gas & Power								0
2983	Chelalis Generation CC	Tractebel	Chelalis	Sumas		NG		CCCG		2002
2984	Goldendale	Tractebel	Klickitat	Goldendale		NG		CCCG		2004
2985	Donald Von Raesfeld(Pico Combined Cycle)	Silicon Valley Power	Klickitat	Goldendale		NG		CCCG		2004
2986	Magnolia Power Project	Southern California Public Power Authority	Klickitat	Goldendale		NG		CCCG		2004
2987	Metcalf Energy Center	Calpine Corp.	Klickitat	Goldendale		NG		CCCG		2004
2988	Pastoria Energy Center	Pastoria Energy Facility LLC	Klickitat	Goldendale		NG		CCCG		2004
2989	Desert Peaking Power	Desert Power LP								0
2990	Nebo Power Station	Utah Associated Municipal Power Systems								0
2991	Gobbler's Knob Wind Farm	General Electric Wind Corp.								0
2992	Colorado Green Windfarm	PPM Energy & Shell Wind Energy								0
2993	Rocky Mountain Energy Ct	Calpine Corp	Klickitat	Goldendale		NG		CCCG		2004
2994	Hidalgo Peaking plant	Public Service								0
2995	Las Cruces Merchant Plant	Energy Southwest	Klickitat	Goldendale		NG		CCCG		2004
2996	New Mexico Wind Energy Farm	FPL Energy, LLC								0
2997	Silver Hawk Power Plant	Pinnacle West Energy	Klickitat	Goldendale		NG		CCCG		2004
2998	Wyoming Wind Energy Center	FPL Energy, LLC								0
2999	need new name	company	LAKE		11785 SOCRATES MINE ROAD	DRY STEAM	GEOTHERMAL		NO	0

**24. SYSTEM DIAGRAM INFO**

Node Index	Node Left	Node Top	Link 1 Point X	Link 1 Point Y	Link 2 Point X	Link 2 Point Y	Link 3 Point X	Link 3 Point Y	Link 4 Point X	Link 4 Point Y	Link 5 Point X	Link 5 Point Y	Link 6 Point X	Link 6 Point Y	Link 7 Point X	Link 7 Point Y	Link 8 Point X	Link 8 Point Y	Link 9 Point X	Link 9 Point Y	Link 10 Point X	Link 10 Point Y	Link 11 Point X	Link 11 Point Y	Link 12 Point X	Link 12 Point Y	Link 13 Point X	Link 13 Point Y
1	440	2210	360	4440																								
2	80	5090			1800	6960	2160	5760																				
3	2360	6290	3000	5280			5040	7560	5160	6480	3960	5880																
4	1880	240	1200	1200																								
5	5000	2880	3840	2520	6360	2400					4320	3480																
6	4760	1080	3960	1440																								
7	8640	2000	7560	2760	7800	1440			7800	3480																		
8	8960	4440	10320	3840			8160	4440																				
9	7880	5840	9960	5880																								
10	5600	6560			8520	7320	7200	6000																				
11	5840	4520	5280	5160	6720	3960							5520	4320														
12	2720	3800	2880	3240	1800	4560					4680	6000																
13	5600	120	4680	240																								

**25. WEEKLY VECTORS TABLE**

Number	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	
1	Day	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
2	Hour In Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	1	2	3	4	5	6	7	8	9	
3	On-Peak	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	
4	Off-Peak	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0			
5	Forced Outage Rate #1	0	0	0	10	30	50	60	80	90	100	100	100	100	100	100	100	100	100	90	80	50	30	0	0	0	0	0	0	10	30	50	60	80	90	100	100	100	100	100	100	100	100	100	90	80	50	30	0	0	0	0	10	30	50	60	80	90	
6	California Bidding Shape	0.8	0.8	0.8	0.8	0.8	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.5	2.7	3	3	2.4	2	1.7	1.5	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.5	2.7	3	3	2.4	2	1.7	1.5	1	0.7	0.8	0.8	0.8	0.8	0.8	0.8	1	1.2	1.4	







**26. HOURLY PRICE FORECAST**

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
10/1/2006	53.84	48.31	48.00	48.00	47.75	48.70	56.46	60.11	60.73	61.71	63.52	64.21	63.90	63.03	63.30	64.06	63.54	64.00	68.05	68.98	69.72	62.98	56.85	54.39
10/2/2006	51.79	48.87	48.00	48.36	50.94	57.46	62.92	66.18	68.07	68.73	71.31	70.26	70.27	69.18	72.46	67.29	72.34	70.62	70.20	73.10	67.28	64.90	63.25	57.15
10/3/2006	55.54	54.28	51.63	52.19	49.39	63.48	66.08	67.30	72.24	67.28	69.38	69.55	72.34	68.62	70.52	67.29	71.64	68.46	72.34	71.69	69.09	64.24	60.07	57.08
10/4/2006	56.01	51.56	49.36	48.00	52.32	63.15	63.97	67.15	70.41	70.28	69.56	68.26	68.23	67.15	68.82	69.18	69.79	69.22	71.74	70.10	71.86	64.53	58.92	59.93
10/5/2006	57.49	50.78	48.71	54.51	51.68	62.72	65.16	70.23	70.27	66.67	69.96	69.32	69.17	68.78	69.02	72.34	67.42	69.07	69.63	70.09	67.90	67.28	60.74	55.85
10/6/2006	57.37	54.51	48.70	48.46	53.12	61.27	64.01	67.30	68.63	72.34	72.34	67.50	66.13	67.49	68.69	67.43	68.52	67.47	67.69	68.75	67.47	67.08	58.53	54.51
10/7/2006	50.86	48.69	48.71	48.00	53.33	54.38	54.51	59.83	63.52	66.54	66.64	66.09	65.29	61.72	58.66	64.18	63.31	63.19	66.45	64.29	64.58	61.39	57.88	51.82
10/8/2006	48.73	52.68	50.47	51.72	48.44	54.51	54.51	58.30	58.83	60.94	59.25	59.25	59.39	58.21	56.21	57.73	57.76	55.77	63.80	65.79	60.84	56.38	56.93	54.51
10/9/2006	49.86	48.24	51.89	51.71	54.37	63.92	65.64	71.39	72.34	70.21	65.11	65.98	59.24	58.38	56.58	60.10	63.07	65.06	66.87	72.34	70.65	63.87	60.74	58.18
10/10/2006	59.14	50.30	50.71	48.36	55.46	62.79	63.56	71.45	71.72	70.40	66.75	65.91	62.49	57.37	60.49	56.83	62.89	67.71	66.09	68.53	71.15	63.32	63.21	55.20
10/11/2006	60.03	54.51	48.56	51.55	57.09	64.92	65.65	72.18	70.66	71.32	70.05	66.73	66.03	62.10	62.44	62.37	62.42	70.65	72.34	70.35	68.43	61.02	62.68	56.72
10/12/2006	56.73	48.54	48.00	51.75	51.51	63.42	64.29	69.31	69.68	71.44	69.19	67.73	63.42	62.17	62.48	65.02	62.51	67.35	72.34	71.93	66.53	63.43	62.12	58.43
10/13/2006	56.60	54.51	51.40	50.36	55.60	62.71	66.14	72.34	72.34	72.34	73.10	70.82	67.46	66.28	66.25	63.55	68.62	68.38	72.39	72.03	64.93	61.33	62.57	55.03
10/14/2006	54.38	49.50	54.51	48.70	51.85	55.80	54.51	59.48	62.32	64.22	63.48	63.63	56.18	55.68	51.41	54.51	55.47	62.92	68.04	59.73	62.85	61.23	61.68	54.51
10/15/2006	48.49	54.51	48.69	52.07	51.40	50.75	54.76	61.91	60.27	61.35	61.52	57.04	55.36	54.51	56.48	57.31	54.50	56.07	63.97	63.32	58.89	57.80	57.48	50.90
10/16/2006	53.95	48.71	48.53	49.36	54.51	62.49	64.51	67.99	70.44	68.21	66.70	64.48	56.71	51.56	49.41	49.92	57.85	72.34	72.34	70.86	70.23	65.89	63.22	59.33
10/17/2006	54.36	51.84	48.56	49.86	57.61	63.22	64.59	71.64	68.91	69.58	66.78	65.20	59.75	58.71	55.47	56.18	57.37	69.28	67.22	66.64	66.91	62.54	62.77	54.51
10/18/2006	56.22	52.54	48.87	49.23	54.51	63.26	63.21	70.31	70.02	70.10	64.33	69.40	61.40	57.82	59.68	58.46	59.73	68.50	71.13	66.10	68.08	60.28	61.46	55.09
10/19/2006	55.62	54.51	51.70	49.28	54.27	62.59	67.94	71.24	70.87	66.67	67.92	67.56	63.31	62.62	62.53	62.51	63.13	70.48	73.10	71.24	65.49	65.37	62.50	57.18
10/20/2006	52.92	54.51	49.49	49.54	54.51	62.57	62.90	70.82	73.10	72.34	72.27	68.44	67.27	62.72	63.19	64.20	64.65	76.42	77.03	68.83	63.10	62.10	61.67	56.36
10/21/2006	49.97	48.70	52.35	54.51	54.51	54.81	56.14	59.96	62.88	64.83	63.77	62.85	61.16	52.70	49.63	54.51	56.52	65.68	70.94	59.08	62.47	57.21	58.49	54.51
10/22/2006	51.53	51.14	48.20	51.58	48.00	54.51	55.79	60.56	54.73	60.08	59.51	57.06	56.71	56.85	55.84	51.23	54.51	65.65	70.73	67.14	57.88	57.32	54.51	54.51
10/23/2006	50.06	52.30	48.70	50.80	56.67	64.45	65.10	70.50	70.30	70.40	67.26	66.89	61.89	55.54	54.51	54.51	62.61	78.34	75.59	68.11	69.02	63.29	58.81	55.95
10/24/2006	55.76	52.18	54.51	48.65	57.30	63.73	63.53	70.99	70.42	69.31	65.06	65.36	59.38	54.51	53.49	54.51	62.50	76.99	76.18	70.37	69.24	63.87	60.03	55.64
10/25/2006	55.73	50.20	48.00	48.91	54.53	64.76	63.86	70.54	69.25	65.58	65.69	62.77	56.31	53.57	52.87	54.37	54.30	72.34	69.73	69.49	68.81	64.34	62.83	54.51
10/26/2006	55.06	48.00	48.57	54.51	55.56	63.22	71.22	71.33	69.68	66.08	63.33	64.06	60.96	52.87	54.29	54.87	55.76	68.75	71.22	66.69	69.82	62.65	62.38	60.28
10/27/2006	57.48	50.76	52.11	49.68	54.51	63.89	65.23	71.52	72.34	70.46	65.35	61.79	58.37	57.72	55.97	54.32	65.25	70.65	71.61	67.14	68.93	64.08	62.39	58.51
10/28/2006	51.82	49.26	48.62	51.82	54.51	57.92	58.97	61.28	63.05	64.20	63.28	63.50	60.10	54.51	54.51	57.65	61.55	68.87	68.65	57.51	63.89	61.98	61.41	54.51
10/29/2006	51.56	49.73	50.33	49.38	49.65	54.51	59.80	62.52	61.11	60.78	60.58	60.07	59.78	58.01	57.80	57.44	56.22	70.35	70.56	64.22	58.21	60.35	56.31	53.00
10/30/2006	54.51	49.46	48.89	54.51	58.39	63.54	64.21	70.98	70.32	70.35	65.51	64.45	56.14	55.02	50.27	51.51	65.13	97.85	73.10	70.10	69.33	63.47	61.43	56.49
10/31/2006	54.51	50.81	48.45	51.63	56.85	63.30	65.00	68.02	68.05	65.56	64.77	65.38	58.95	52.33	48.63	48.14	61.83	77.69	71.38	67.75	66.85	65.47	63.79	57.02
11/1/2006	51.30	52.68	50.94	50.86	50.38	59.61	61.76	67.65	68.89	65.30	65.87	65.46	62.47	57.26	64.77	62.13	65.14	75.70	75.70	74.41	64.66	63.18	61.42	50.22
11/2/2006	55.84	52.63	49.23	50.07	54.42	58.58	69.04	72.17	68.93	68.85	65.62	65.60	62.95	61.91	59.70	62.60	65.99	76.49	76.49	75.38	69.51	65.31	62.98	53.74
11/3/2006	52.47	50.52	50.22	52.12	53.26	64.49	66.46	72.97	73.59	69.12	67.96	68.36	64.96	61.68	61.32	64.10	66.03	69.84	70.27	66.44	64.55	64.40	60.55	50.96
11/4/2006	50.98	51.23	50.76	52.42	50.21	52.19	55.45	58.21	63.43	67.51	66.24	65.35	60.29	57.04	55.75	57.54	61.31	73.49	69.77	63.00	59.79	58.79	57.30	54.29
11/5/2006	50.96	50.22	50.89	49.91	50.22	50.66	52.96	57.04	57.04	58.73	57.04	57.04	57.04	57.04	57.04	57.04	58.45	72.95	73.95	66.10	58.92	57.04	50.93	50.22
11/6/2006	52.94	50.31	49.41	50.22	52.78	57.04	63.16	66.68	69.21	68.79	68.28	67.51	66.38	60.65	66.39	65.59	65.93	74.13	72.88	71.77	66.92	64.49	61.70	52.95
11/7/2006	57.04	50.22	49.06	53.81	50.99	57.95	66.50	69.64	71.70	66.67	66.95	65.91	67.82	64.90	63.61	63.07	63.81	72.86	74.34	68.76	67.72	64.50	60.79	50.22
11/8/2006	50.71	50.22	53.03	50.21	51.90	57.78	65.53	69.21	69.01	68.26	66.74	67.81	66.48	60.59	65.38	66.38	64.02	72.91	73.97	71.73	65.65	64.23	60.08	50.58
11/9/2006	52.36	50.22	51.82	50.22	55.00	58.56	60.69	70.81	70.45	69.60	67.16	66.70	63.50	58.67	63.97	61.59	63.73	73.13	73.46	67.42	66.51	62.46	56.32	52.11
11/10/2006	52.56	50.95	50.21	50.31	52.81	55.75	61.26	68.39	72.52	70.79	67.37	65.59	59.87	63.69	61.08	64.45	62.82	74.89	72.02	71.00	63.44	60.63	60.22	51.17
11/11/2006	50.22	50.22	50.21	50.38	50.70	52.50	55.89	57.04	60.72	65.66	65.35	63.37	57.04	58.26	58.23	57.04	59.20	68.34	70.12	59.51	62.37	58.75	54.04	54.12
11/12/2006	51.50	50.48	50.21	50.22	50.22	51.05	54.03	56.96	57.04	59.31	58.34	57.04	57.04	57.04	57.04	56.59	54.06	57.04	66.30	71.18	62.59	63.07	57.04	57.04
11/13/2006	56.80	50.45	50.89	50.78	56.92	56.95	63.35	70.44	71.41	69.21	66.67	64.27	63.39	58.20	61.40	63.19	61.44	73.49	73.15	73.08	67.32	65.74	62.23	57.04
11/14/2006	52.39	52.26	54.98	50.22	57.04	59.50	64.73	69.70	70.19	65.90	68.19	64.84	64.48	64.27	66.25	64.67	64.30	74.80	73.94	68.76	68.82	65.39	63.62	57.04
11/15/2006	57.04	50.88	50.68	51.23	57.26	61.89	65.82	72.51	71.32	69.08	67.39	66.41	66.77	62.91	65.30	65.32	65.90	71.00	72.37	71.16	68.96	66.04	64.14	53.43
11/16/2006	54.25	53.35	50.69	50.22	57.04	63.79	64.42	68.59	69.75	67.														

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
12/3/2006	53.93	53.19	53.19	35.08	51.84	53.93	58.39	58.14	58.36	62.76	63.07	60.45	60.45	60.28	60.27	57.99	66.26	71.82	74.05	70.91	69.38	61.46	60.28	53.50
12/4/2006	53.74	53.30	51.78	53.19	57.86	61.96	69.91	77.73	75.32	74.57	70.84	69.29	70.61	70.55	70.38	71.03	68.81	78.67	79.50	77.18	72.15	70.18	67.65	60.44
12/5/2006	59.45	53.19	52.99	53.20	54.63	61.67	67.81	77.27	73.90	72.02	69.63	69.87	67.93	70.00	69.61	65.74	69.96	77.97	77.93	73.43	70.89	69.87	68.73	55.94
12/6/2006	57.01	54.29	53.20	53.99	53.36	60.45	68.64	76.34	76.91	73.18	70.79	68.78	63.55	67.57	67.54	67.79	69.84	80.21	77.88	70.79	74.80	70.49	65.36	58.34
12/7/2006	60.45	53.20	53.98	53.24	55.65	58.35	66.26	77.02	76.86	76.00	73.07	70.34	67.27	67.05	64.25	65.21	67.53	76.52	78.14	72.66	73.36	64.53	63.96	53.32
12/8/2006	60.21	53.40	53.89	53.53	53.84	60.45	65.53	74.35	74.22	72.76	71.51	70.23	69.02	68.11	67.67	63.07	69.77	77.81	80.21	70.29	70.43	65.23	64.92	60.45
12/9/2006	58.43	53.56	53.51	53.57	58.73	54.18	60.44	61.56	66.76	72.49	69.83	67.07	64.34	63.53	62.64	63.44	71.01	75.34	77.22	70.87	67.54	66.45	64.12	54.02
12/10/2006	54.12	55.09	55.09	54.86	54.63	57.96	57.53	60.04	61.55	64.06	66.25	62.45	62.37	60.45	60.44	60.44	68.37	73.55	77.17	73.93	66.51	64.32	61.54	57.39
12/11/2006	57.71	53.19	53.19	55.27	60.44	62.83	70.67	77.89	77.17	77.24	74.57	72.41	71.34	69.44	69.89	69.38	70.59	80.21	88.69	76.69	77.72	71.51	67.88	60.45
12/12/2006	60.44	53.20	53.20	54.15	55.80	63.11	66.82	72.16	73.90	72.73	70.97	70.42	68.41	70.51	68.56	66.57	69.95	78.23	78.71	73.51	73.85	70.27	67.75	60.44
12/13/2006	60.45	53.89	53.28	53.31	55.32	61.78	66.20	70.98	73.53	72.57	70.23	70.67	67.15	69.84	69.97	65.76	69.90	80.21	77.92	68.12	66.67	67.36	62.08	57.38
12/14/2006	54.76	53.19	54.22	53.19	59.11	60.44	67.84	74.58	73.26	71.10	69.60	70.08	70.13	68.57	68.75	69.22	70.20	77.40	77.93	73.91	72.17	67.99	66.33	60.45
12/15/2006	59.13	53.43	53.20	53.20	53.41	60.45	69.34	77.08	77.89	74.79	74.24	71.49	71.48	71.35	70.72	70.88	71.95	80.03	75.74	71.80	72.17	69.53	68.91	61.68
12/16/2006	59.52	58.69	54.11	55.26	54.98	59.69	60.45	63.40	70.09	71.70	70.04	69.77	64.93	64.20	63.81	62.22	69.18	74.48	76.55	68.32	69.93	66.27	64.44	58.05
12/17/2006	53.19	57.31	54.08	55.09	53.19	60.24	58.05	60.45	63.39	64.95	68.98	65.43	63.37	62.33	62.82	60.45	69.17	75.54	77.14	72.53	68.38	65.84	62.18	57.53
12/18/2006	53.74	53.20	54.30	53.19	57.25	61.58	69.83	73.80	76.18	74.68	74.38	71.32	70.97	69.76	70.32	69.67	69.05	78.62	78.06	76.01	74.32	69.56	68.63	57.78
12/19/2006	56.45	54.75	56.31	55.71	56.64	62.38	69.30	72.29	73.39	75.80	70.69	71.90	69.82	70.48	70.30	70.01	69.70	79.28	74.86	70.62	71.06	70.61	67.96	56.10
12/20/2006	56.91	53.63	53.20	53.19	53.19	60.20	63.88	71.12	72.11	71.79	72.78	68.24	66.37	68.10	67.55	60.45	64.52	74.87	72.93	66.14	69.80	66.41	62.91	54.30
12/21/2006	53.89	53.86	52.47	52.06	53.19	58.23	67.11	74.32	74.91	71.18	71.30	70.55	70.41	69.58	69.11	69.08	67.53	77.72	78.19	72.10	71.95	69.28	65.17	57.71
12/22/2006	58.15	53.96	53.20	53.97	53.19	60.23	64.96	76.43	75.44	73.44	70.85	70.10	70.14	69.65	68.01	66.95	67.53	76.99	74.54	71.23	71.62	67.39	67.08	60.44
12/23/2006	53.91	57.50	53.56	52.16	57.54	54.76	56.38	62.63	69.30	74.21	71.67	71.53	66.98	64.00	62.36	61.77	67.46	77.72	76.17	73.21	72.48	67.48	63.60	54.11
12/24/2006	53.20	53.20	53.20	51.00	53.19	57.54	59.81	60.45	66.92	69.48	70.00	67.93	65.54	63.40	62.81	62.52	69.00	80.21	76.08	72.16	69.86	67.44	63.16	57.77
12/25/2006	53.19	53.19	53.19	54.05	60.45	64.67	71.35	77.72	78.84	77.75	76.29	73.61	71.90	71.20	69.35	71.08	69.85	78.54	80.21	76.03	75.10	71.02	70.44	55.72
12/26/2006	55.05	53.48	55.49	58.76	55.80	63.96	70.27	74.72	75.64	77.47	74.88	73.22	72.72	71.17	71.36	69.72	66.89	74.72	73.21	70.50	71.95	70.32	68.34	56.40
12/27/2006	54.55	54.73	53.46	59.32	54.99	63.50	69.51	73.61	77.10	72.90	72.51	70.04	70.43	69.93	68.49	67.61	63.75	71.69	70.20	67.81	68.61	69.16	67.94	55.48
12/28/2006	56.59	53.90	53.19	51.96	53.19	60.44	70.77	76.54	76.19	75.80	72.47	71.52	70.30	68.77	69.16	67.66	65.65	70.80	71.07	71.06	68.18	68.10	68.28	55.80
12/29/2006	57.11	53.19	52.65	53.74	53.20	59.27	67.83	73.43	74.07	73.20	72.29	71.32	69.64	69.84	69.14	68.88	67.06	75.98	73.93	70.10	71.37	71.17	70.45	57.88
12/30/2006	58.28	53.47	53.19	52.47	54.03	56.32	58.44	64.47	66.89	75.58	74.11	76.20	67.59	68.01	61.71	61.23	65.59	76.49	75.38	66.41	68.50	64.44	64.07	53.81
12/31/2006	53.20	54.63	53.19	51.85	53.19	58.19	59.52	60.45	64.53	72.55	70.71	68.86	61.75	61.14	60.45	60.45	64.25	80.21	80.21	75.68	67.99	64.94	60.44	57.34
1/1/2007	47.47	45.85	45.33	48.28	25.13	56.66	62.00	70.87	72.08	72.49	71.99	67.84	70.22	67.48	65.42	66.55	71.56	78.01	75.62	71.17	65.49	60.32	56.10	51.84
1/2/2007	52.04	52.32	52.59	51.31	53.10	53.71	57.48	60.92	63.04	64.65	61.70	57.29	58.16	56.49	56.48	57.14	55.94	64.96	66.34	65.26	61.61	58.46	60.32	52.20
1/3/2007	50.89	46.61	41.74	46.25	51.97	53.96	56.80	62.06	62.35	61.68	62.28	55.86	55.03	53.78	53.11	58.49	58.72	69.75	60.91	60.33	60.32	55.96	53.96	51.76
1/4/2007	52.23	49.13	49.68	45.96	53.10	53.64	55.35	60.33	60.33	60.33	60.32	56.87	53.79	53.97	53.13	53.63	54.60	61.86	62.96	60.32	58.44	54.37	53.75	53.11
1/5/2007	53.10	52.26	53.10	53.10	52.27	53.86	55.48	62.14	63.86	61.80	60.33	60.33	57.18	57.13	60.32	60.33	53.10	68.11	64.02	56.38	58.58	56.18	53.92	52.58
1/6/2007	51.79	50.67	37.70	51.76	51.66	52.19	53.10	53.85	54.15	60.33	57.50	56.16	53.10	53.78	56.61	54.05	54.56	60.32	62.39	60.10	55.87	54.56	55.02	53.71
1/7/2007	53.10	50.93	50.45	49.53	50.91	53.48	53.10	53.10	55.27	56.09	56.37	55.19	53.87	54.02	54.60	54.35	53.92	67.71	64.70	61.23	54.16	53.16	52.42	53.00
1/8/2007	53.10	52.64	25.21	24.98	53.10	52.34	57.40	68.23	77.22	74.54	71.49	62.63	61.42	64.46	56.66	56.18	56.12	78.45	74.63	69.51	63.59	60.33	60.24	53.10
1/9/2007	53.10	52.12	51.29	52.21	41.09	56.78	60.33	76.73	79.78	74.79	69.99	60.33	60.82	60.10	60.32	60.33	60.33	78.62	77.92	69.16	72.09	60.33	53.46	52.50
1/10/2007	53.74	41.96	44.11	45.67	52.03	53.12	55.28	72.49	71.52	71.40	66.14	58.60	56.77	55.39	53.89	57.33	55.06	79.64	80.05	72.74	64.99	55.16	53.18	52.51
1/11/2007	52.09	36.29	52.02	49.51	51.73	53.29	56.25	71.70	75.70	72.40	68.87	60.33	57.44	54.76	53.88	55.77	56.34	72.74	77.42	64.14	60.33	54.38	56.50	53.10
1/12/2007	51.94	53.36	53.10	51.94	25.08	55.75	55.58	63.14	65.05	62.53	61.43	59.81	55.92	55.26	53.73	56.06	57.03	63.11	65.09	60.32	58.55	55.64	56.69	53.10
1/13/2007	52.98	51.79	50.73	36.18	52.52	52.38	53.87	54.97	55.06	59.91	60.32	55.14	53.86	56.08	53.06	55.30	55.41	60.42	61.55	59.50	55.44	53.10	52.68	53.10
1/14/2007	52.05	45.32	51.04	51.93	51.12	51.15	53.10	53.50	53.90	56.18	57.51	53.24	53.10	54.08	53.64	53.92	53.59	61.84	67.33	60.32	57.43	53.10	53.10	53.10
1/15/2007	53.20	51.76	52.67	51.08	53.09	52.02	60.92	71.51	75.24	72.73	72.37	67.73	57.57	57.49	57.16	57.33	60.90	80.05	78.92	70.81	63.42	56.06	53.89	51.72
1/16/2007	53.99	52.62	51.83	52.42	51.85	55.88	60.33	78.88	77.51	72.50	68.96	63.61	60.72	60.33	60.32	59.51	54.87	73.09	78.00	71.51	63.31	56.80	53.84	52.41
1/17/2007	53.10	50.71	34.89	52.75	53.86	56.91	60.32	74.74	72.76	64.58	62.22	61.02	59.83	57.47	56.38	56.86	55.46	78.22	79.11	72.00	67.47	54.50	55.43	52.81
1/18/2007	53.10	53.10	51.93	53.27	53.33	53.78	58.28	76.14	75.16	70.80	68.86													

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
2/4/2007	52.99	51.00	52.99	52.99	55.20	55.79	53.61	57.59	62.24	62.91	61.33	57.31	58.90	53.76	57.09	54.73	54.07	61.30	67.72	63.28	60.21	57.55	57.11	53.76
2/5/2007	53.72	52.99	52.99	52.99	56.49	62.26	70.85	77.48	77.97	77.69	75.16	64.45	72.14	62.85	60.82	60.20	60.21	70.29	78.37	73.39	72.21	56.92	55.56	53.75
2/6/2007	53.00	53.54	52.99	55.07	57.64	57.98	62.46	70.12	69.37	66.15	56.92	64.41	61.75	60.21	59.76	61.30	60.20	62.45	72.61	62.14	70.26	64.04	55.67	56.41
2/7/2007	57.04	52.35	53.00	54.73	58.04	57.92	63.06	77.43	75.42	73.18	70.16	63.03	60.20	65.74	63.66	64.64	65.19	65.43	76.47	69.95	71.48	62.84	60.21	57.52
2/8/2007	52.99	52.99	52.46	53.80	52.99	52.99	64.20	74.38	74.17	69.69	68.26	65.74	60.02	64.42	63.93	65.43	61.69	61.79	73.98	60.86	68.49	60.21	60.20	51.77
2/9/2007	52.02	52.60	52.99	52.99	54.65	53.41	60.74	75.65	73.32	72.07	62.34	57.22	60.52	61.37	63.73	59.46	60.21	62.33	66.39	63.83	59.52	57.15	54.35	53.13
2/10/2007	52.44	52.67	52.21	50.81	52.29	55.68	56.31	58.75	60.20	62.65	60.21	59.16	53.66	52.99	52.99	52.99	53.38	53.21	57.20	56.13	56.52	59.89	57.37	52.99
2/11/2007	37.23	49.12	51.79	53.58	53.65	54.19	57.51	60.37	59.95	61.17	60.62	59.11	53.08	52.99	53.80	53.80	53.74	55.06	63.78	61.80	56.59	53.39	53.73	53.08
2/12/2007	52.55	52.99	52.46	52.54	52.40	53.79	63.12	64.56	66.10	64.81	60.20	57.02	60.56	60.15	60.20	57.34	55.33	55.64	63.75	60.81	58.99	60.21	53.03	52.00
2/13/2007	53.21	52.99	37.85	52.60	51.84	53.60	65.08	69.94	68.57	60.11	56.67	58.76	60.33	63.26	64.55	61.97	61.58	56.76	61.37	57.24	60.19	58.31	60.10	52.99
2/14/2007	53.00	53.00	52.99	52.99	52.13	52.99	64.64	75.46	73.93	70.96	68.75	68.08	60.21	65.37	60.21	60.21	62.44	62.24	76.79	73.50	72.16	62.82	60.21	55.20
2/15/2007	52.99	52.43	51.62	55.43	53.00	52.99	62.70	73.26	71.74	69.37	66.65	64.25	60.09	62.91	63.41	64.45	58.82	60.30	72.50	62.34	61.78	57.14	55.64	53.00
2/16/2007	52.99	53.74	52.46	53.22	54.33	53.59	63.22	73.61	73.16	67.46	62.97	60.21	66.29	66.26	61.82	60.21	61.84	55.24	61.15	65.27	61.68	56.80	54.30	51.84
2/17/2007	52.39	50.85	52.28	52.78	52.03	53.00	56.88	57.17	60.21	64.32	62.05	60.20	53.75	54.80	54.13	57.09	57.42	52.99	55.53	57.31	53.14	57.36	53.85	52.99
2/18/2007	52.99	47.98	52.99	53.18	53.73	54.46	53.28	55.60	57.55	61.91	59.97	57.39	53.33	52.99	52.99	54.74	53.71	55.88	63.14	60.20	60.21	58.38	52.99	52.99
2/19/2007	53.18	52.99	52.99	52.99	52.26	57.90	60.21	65.03	63.59	58.87	56.87	52.99	59.30	60.20	60.20	55.13	55.11	52.87	60.21	60.21	60.21	53.80	56.89	51.82
2/20/2007	51.96	52.99	36.65	52.86	51.73	53.26	62.12	70.75	67.93	66.68	54.46	60.84	58.89	60.63	58.26	60.25	62.13	59.72	65.44	59.88	62.28	65.86	55.86	52.99
2/21/2007	52.53	52.60	53.00	52.99	51.71	57.78	60.20	68.13	67.45	67.04	66.48	65.61	56.81	61.58	61.35	60.21	60.21	55.53	61.47	60.21	67.79	56.51	53.79	53.00
2/22/2007	52.99	51.99	52.48	52.99	52.99	54.86	63.20	69.75	64.45	67.38	63.90	63.74	57.26	63.55	60.21	60.04	60.21	54.06	68.32	61.97	66.03	60.21	56.78	57.21
2/23/2007	52.99	52.99	51.44	53.29	58.23	54.22	62.43	76.33	74.07	61.68	62.70	60.21	66.64	63.85	63.23	61.24	57.23	57.14	59.80	67.63	66.65	62.55	57.66	52.99
2/24/2007	50.71	52.59	52.99	52.49	52.99	56.68	53.55	55.36	61.74	62.61	60.21	55.12	56.30	53.95	57.38	57.25	57.83	52.99	54.56	54.90	60.21	54.98	56.39	52.97
2/25/2007	52.99	50.65	51.61	52.99	52.99	50.86	52.99	55.72	58.30	58.74	56.79	53.82	54.97	57.18	56.65	57.16	55.17	55.72	65.62	66.50	62.88	60.72	57.19	52.99
2/26/2007	52.99	53.34	52.99	52.99	54.02	60.21	60.20	65.94	66.48	60.21	62.76	56.09	63.39	62.75	60.20	60.21	61.19	52.99	64.72	69.90	70.92	56.47	53.00	52.40
2/27/2007	52.99	52.34	51.72	51.59	51.93	53.73	60.21	64.50	66.14	63.17	60.20	60.17	61.67	63.01	63.28	60.20	60.13	55.68	69.25	68.71	60.21	58.44	53.77	52.99
2/28/2007	52.29	51.85	52.01	52.99	52.37	53.00	63.63	64.86	69.34	71.84	69.45	67.79	57.31	65.97	65.16	61.07	61.44	54.52	74.58	74.41	72.61	63.21	60.21	52.99
3/1/2007	50.63	49.42	49.66	50.68	50.63	56.64	59.26	64.57	61.22	61.19	60.40	57.22	53.98	57.51	57.51	54.51	57.51	56.31	61.66	62.03	57.51	57.51	55.99	53.79
3/2/2007	49.45	49.95	49.87	42.04	50.64	51.08	61.28	69.47	67.37	63.20	54.09	54.76	60.67	54.77	55.52	54.81	59.56	50.98	62.28	61.57	58.41	57.90	51.37	51.40
3/3/2007	50.63	50.41	52.53	50.89	51.54	50.64	54.42	57.28	57.40	57.51	57.31	54.80	51.19	54.70	53.81	51.02	56.25	52.21	52.01	53.15	51.36	54.53	52.98	51.42
3/4/2007	50.90	48.27	51.35	50.63	50.63	51.16	51.60	51.40	54.72	57.51	55.86	55.30	55.42	50.90	57.51	54.07	50.64	54.25	58.63	57.32	52.63	54.71	54.05	51.45
3/5/2007	49.82	50.53	50.63	50.63	50.63	53.68	55.18	62.35	63.40	60.80	57.51	61.57	50.63	51.33	59.43	59.51	59.21	54.81	71.86	70.70	67.68	58.49	56.65	52.38
3/6/2007	54.26	50.84	50.22	50.85	50.63	55.92	57.51	64.80	62.03	59.76	56.26	58.32	50.66	51.30	50.71	58.36	57.51	63.85	66.21	63.97	60.39	54.32	57.51	51.08
3/7/2007	51.23	49.34	49.53	49.72	53.16	53.90	57.51	66.12	64.20	57.51	57.51	57.31	52.70	51.84	54.41	59.79	59.64	70.05	68.82	66.85	63.83	59.51	56.22	55.06
3/8/2007	54.19	50.98	50.96	51.34	49.69	51.75	57.81	64.83	61.80	61.32	61.37	57.51	51.46	51.79	51.34	55.71	54.49	55.90	58.85	68.34	62.37	55.82	56.30	53.63
3/9/2007	53.13	48.79	49.67	51.27	50.63	50.63	58.88	66.91	65.60	61.67	61.81	54.99	54.49	54.78	56.52	56.28	61.53	62.54	62.76	59.56	57.51	57.40	50.87	50.89
3/10/2007	52.82	50.82	50.40	51.31	51.57	53.15	54.79	55.29	56.00	57.51	56.64	55.46	55.07	55.71	54.77	54.77	54.29	51.80	51.14	55.12	53.07	55.60	51.36	51.09
3/11/2007	50.63	50.63	50.63	50.63	50.64	51.25	51.12	53.52	54.30	54.77	55.22	54.47	54.25	52.62	54.35	52.62	52.90	51.34	57.01	57.05	54.18	54.80	52.46	51.37
3/12/2007	51.19	50.63	51.06	48.85	50.63	53.51	57.78	63.24	64.11	61.13	62.92	58.23	52.17	54.52	61.96	58.63	57.72	53.05	59.93	59.67	62.99	53.59	55.98	49.41
3/13/2007	50.64	49.08	50.64	49.47	48.79	51.59	57.68	61.85	61.74	61.51	55.92	57.51	51.02	51.33	51.19	57.51	57.51	55.25	57.51	62.78	60.63	52.14	50.63	49.79
3/14/2007	49.70	49.38	50.63	50.63	48.45	50.63	54.19	62.30	60.90	63.70	59.32	56.10	57.51	56.20	57.51	59.94	62.83	64.98	69.81	69.95	64.29	58.92	50.67	50.63
3/15/2007	49.57	49.96	48.32	50.61	49.80	52.41	57.98	63.15	64.64	64.09	65.52	62.77	57.51	57.51	57.28	59.98	58.25	60.95	65.75	68.33	61.88	53.37	50.63	50.63
3/16/2007	50.63	49.42	49.58	50.63	50.63	50.63	57.08	62.47	64.20	61.28	57.51	57.51	54.31	54.45	57.46	55.95	54.41	55.69	57.26	58.89	54.72	53.97	51.17	49.38
3/17/2007	25.21	48.39	40.40	50.63	49.62	50.20	52.51	53.92	56.92	57.22	56.50	56.99	54.92	55.67	57.12	57.04	56.47	50.63	50.75	51.40	52.91	55.75	52.32	49.31
3/18/2007	47.78	44.18	49.73	45.97	50.16	49.45	49.48	51.14	51.15	51.02	50.79	51.70	50.63	54.49	51.43	51.31	50.64	51.06	50.63	54.72	54.35	50.63	50.63	49.32
3/19/2007	49.24	49.67	49.37	50.63	49.73	53.29	55.67	56.44	57.51	58.36	60.11	57.99	52.91	54.00	62.53	55.85	55.34	50.90	56.99	59.89	61.97	57.91	54.29	52.30
3/20/2007	49.72	49.55	51.37	49.61	48.79	51.02	56.44	61.64	61.93	60.05	56.78	59.06	52.37	53.96	52.61	57.51	54.43	54.05	54.57	54.56	57.70	51.38	50.63	50.75
3/21/2007	48.90	49.49	50.63	50.02	50.63	50.64	57.51	65.98	63.72	62.28	61.74	59.75	57.03	59.89	56.78	61.38	59.19	63.12	61.17	71.01	63.98	52.73	50.63	50.63
3/22/2007	50.63	50.12	50.63	49.61	34.79	51.08	51.56	59.81	61.22	66.08	63.90	62.36	57.39	54.79										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
4/8/2007	46.78	45.66	47.15	45.72	46.64	49.72	51.03	53.11	52.59	53.11	53.11	53.11	53.11	53.05	50.88	51.32	49.73	53.11	53.11	52.94	55.50	53.93	53.11	50.86
4/9/2007	46.78	46.78	46.78	50.53	48.51	55.79	61.38	68.27	69.55	65.94	67.78	63.81	57.01	57.58	56.40	59.40	61.25	62.07	60.71	58.42	62.12	61.62	54.41	47.29
4/10/2007	53.56	47.78	49.05	48.08	50.08	55.74	60.75	69.57	70.40	69.45	61.93	59.56	59.37	56.12	59.43	58.30	61.82	61.17	61.23	62.07	64.64	60.33	59.20	46.84
4/11/2007	53.11	46.78	46.78	47.16	47.17	59.81	64.14	68.35	70.49	65.72	64.59	62.97	62.90	62.66	60.20	61.35	63.10	61.50	61.61	62.48	65.21	64.12	57.45	53.11
4/12/2007	47.46	47.91	46.03	47.43	47.97	55.70	61.64	68.92	68.33	64.64	65.25	67.11	63.75	62.46	62.69	62.10	62.02	61.32	61.55	65.24	64.26	59.92	55.54	47.35
4/13/2007	47.84	47.01	47.91	46.78	50.31	53.61	66.21	68.38	70.49	66.70	67.27	63.74	61.17	60.72	60.97	61.34	61.27	61.16	60.38	62.11	62.24	56.86	54.42	47.23
4/14/2007	46.78	46.78	47.07	46.78	46.78	48.86	51.89	53.11	55.84	64.21	63.57	57.60	53.11	50.74	55.29	50.22	50.73	50.88	47.64	50.06	56.37	48.62	49.68	46.78
4/15/2007	46.63	46.31	45.57	46.78	46.78	49.33	49.19	52.22	52.81	55.47	56.08	50.29	54.21	55.75	54.62	52.46	52.61	53.60	52.09	55.16	68.56	57.11	49.51	46.78
4/16/2007	47.17	50.31	46.78	50.93	53.11	55.74	56.60	62.30	68.75	66.64	66.54	66.75	61.85	62.16	62.65	61.20	65.50	63.71	59.88	60.86	67.20	61.70	56.96	49.45
4/17/2007	53.11	46.78	48.21	46.78	48.80	55.15	58.80	66.09	67.96	65.30	66.37	65.00	62.78	64.80	64.45	63.31	65.75	62.09	61.79	63.77	66.71	63.74	55.30	49.17
4/18/2007	50.05	47.40	46.78	46.83	46.78	55.73	59.88	66.54	64.05	65.60	65.28	61.48	63.85	61.64	61.70	64.05	64.82	61.29	60.91	62.11	64.85	61.76	53.56	47.47
4/19/2007	48.54	46.93	46.78	46.78	46.78	63.62	56.93	68.02	68.55	67.16	66.11	62.14	62.49	64.43	61.04	61.65	63.15	59.68	54.89	62.33	64.46	56.51	53.81	47.14
4/20/2007	50.51	46.78	34.05	46.69	50.55	53.06	62.22	69.01	69.23	65.66	65.25	62.02	63.06	63.31	62.03	64.22	61.71	61.13	55.82	61.17	61.03	55.42	53.11	46.78
4/21/2007	47.40	46.78	46.02	46.78	46.78	48.35	50.91	53.11	55.06	62.43	66.91	61.65	61.04	58.45	56.73	54.46	53.93	55.21	47.45	48.62	55.45	53.04	53.11	46.78
4/22/2007	47.41	44.36	46.78	45.11	46.88	46.78	48.58	50.01	47.61	56.25	57.32	56.12	59.86	50.49	53.15	55.88	58.10	57.81	51.07	50.49	61.00	63.36	49.07	46.78
4/23/2007	49.92	46.78	46.78	46.16	46.78	54.78	58.72	65.33	68.28	63.33	67.01	66.39	64.26	65.21	66.96	64.83	68.62	62.56	59.16	54.51	64.83	61.61	56.32	49.23
4/24/2007	51.62	46.78	47.95	46.78	46.78	55.39	56.18	62.15	64.19	64.31	65.66	62.73	61.28	66.03	66.45	66.68	67.11	64.92	59.52	57.21	64.72	61.15	56.41	48.67
4/25/2007	49.57	46.78	46.47	46.89	46.78	55.60	62.02	63.86	64.40	67.37	65.23	62.79	64.15	64.74	65.71	66.26	66.17	63.99	54.87	50.42	61.99	61.54	59.46	48.40
4/26/2007	52.96	47.13	46.78	46.05	46.96	53.11	57.48	63.45	65.02	63.79	61.61	61.91	60.85	62.17	62.98	63.70	65.04	62.55	54.49	53.50	61.03	60.89	55.70	47.46
4/27/2007	49.18	46.78	46.81	46.93	46.78	52.07	59.96	66.01	67.64	64.28	65.06	62.10	61.93	63.80	63.14	65.05	62.88	60.22	58.45	58.62	60.95	56.06	53.91	48.62
4/28/2007	46.91	43.92	46.78	46.78	46.78	45.54	46.78	46.78	55.37	59.68	66.62	66.57	62.65	63.21	61.71	62.75	62.05	61.80	47.48	46.94	54.28	54.24	50.38	47.13
4/29/2007	46.64	46.78	46.78	45.76	46.78	46.14	46.78	48.19	51.80	54.49	55.43	57.45	56.78	57.24	61.40	60.73	61.35	61.09	53.11	52.39	62.14	61.55	49.39	46.78
4/30/2007	47.46	48.23	46.79	45.68	46.78	53.07	57.37	67.12	67.43	63.49	65.72	68.48	66.44	66.62	66.80	66.61	67.32	66.34	63.12	55.38	63.70	61.89	56.21	50.35
5/1/2007	42.49	36.36	34.91	38.19	39.08	44.31	46.50	48.50	47.37	47.35	46.95	46.69	25.21	24.33	45.84	24.89	48.77	45.90	26.02	38.57	25.01	24.78	45.90	24.26
5/2/2007	26.17	41.90	35.22	39.20	36.35	45.77	43.99	46.69	49.76	48.42	47.28	46.69	24.02	43.58	44.78	25.21	46.02	46.15	46.59	45.60	46.69	46.69	46.73	46.47
5/3/2007	42.19	41.57	37.85	25.00	35.53	33.41	33.99	57.86	53.01	55.96	54.21	24.17	21.63	24.86	24.52	45.89	45.48	34.72	47.17	46.52	45.77	48.32	45.78	43.14
5/4/2007	43.64	22.00	19.03	20.72	36.54	44.28	45.87	46.79	47.19	46.69	45.70	45.69	44.74	45.54	26.34	45.71	46.34	46.02	46.69	45.93	46.69	45.11	46.69	45.44
5/5/2007	38.94	11.58	20.94	32.16	36.22	31.52	30.32	43.67	45.64	34.87	46.76	47.74	25.21	25.18	44.86	43.29	24.77	45.03	45.22	43.69	45.71	45.07	45.60	45.91
5/6/2007	36.26	19.85	18.99	19.01	19.29	14.42	18.99	39.83	44.81	45.44	45.85	36.10	45.84	25.12	45.48	25.21	24.73	35.18	45.87	25.20	39.89	44.51	42.78	38.77
5/7/2007	42.38	18.99	22.61	31.78	38.63	24.67	45.31	53.00	55.70	54.44	56.89	56.66	53.00	53.01	46.69	46.69	46.69	49.55	48.08	46.69	47.05	46.69	45.97	46.69
5/8/2007	37.92	19.69	18.99	19.74	25.09	45.44	46.93	48.29	50.95	51.86	57.35	54.03	46.96	46.69	46.69	45.70	46.69	46.96	46.69	47.33	46.69	46.69	46.69	43.94
5/9/2007	25.07	38.57	34.49	30.84	38.13	29.51	46.88	55.99	53.00	56.00	59.73	60.86	54.01	55.17	46.69	46.69	46.69	47.85	46.69	46.69	47.20	46.69	45.96	44.77
5/10/2007	43.13	27.03	20.42	19.88	39.87	36.46	47.44	49.80	50.95	52.93	61.25	61.05	47.17	46.69	46.69	46.69	46.69	46.69	46.69	46.62	50.67	46.69	46.02	44.63
5/11/2007	25.21	22.16	35.98	38.52	35.41	25.02	45.78	64.24	65.05	61.43	64.17	60.14	60.01	58.11	45.75	20.99	46.53	46.69	46.69	46.69	46.69	46.69	44.30	37.73
5/12/2007	39.82	21.39	19.29	19.82	20.15	35.63	39.84	30.51	44.69	46.81	50.46	47.10	46.93	46.69	46.41	18.99	40.63	46.69	46.69	45.49	35.79	46.69	46.69	46.23
5/13/2007	41.85	32.16	19.08	19.45	36.11	37.27	40.73	41.72	44.08	45.81	45.37	45.45	45.85	45.46	44.84	45.65	45.25	45.68	45.71	35.53	45.99	45.79	46.48	40.72
5/14/2007	37.68	19.90	18.99	19.06	24.91	42.52	37.57	46.69	46.69	50.38	55.58	62.17	54.31	57.23	46.91	46.69	47.34	58.02	53.61	48.02	55.40	46.69	45.54	46.69
5/15/2007	37.90	21.79	19.40	39.13	42.37	45.87	45.69	50.85	52.95	55.64	59.21	60.39	53.24	57.91	50.17	48.77	46.44	46.69	46.69	45.54	46.69	46.69	45.58	44.66
5/16/2007	28.97	25.21	20.53	22.15	36.00	45.96	46.69	47.64	49.80	53.00	58.38	55.77	47.36	47.14	46.69	46.69	46.69	58.61	48.52	46.69	50.26	46.82	46.69	46.69
5/17/2007	44.29	32.91	20.42	21.78	45.81	45.83	47.35	52.97	55.13	59.66	62.00	61.67	53.00	58.14	58.18	50.33	53.00	46.69	46.69	46.69	47.30	45.95	46.35	46.35
5/18/2007	45.27	22.23	19.49	19.61	45.88	37.56	46.48	46.96	48.71	51.93	51.96	46.69	46.91	46.69	46.69	46.69	46.69	47.33	48.03	46.69	46.69	46.69	46.69	44.12
5/19/2007	41.43	24.05	25.18	33.82	38.43	34.90	42.81	32.73	48.49	46.85	50.52	54.63	48.54	47.31	49.18	19.83	18.99	45.71	46.54	45.75	45.43	45.86	44.94	44.44
5/20/2007	41.99	21.80	18.99	19.55	19.55	21.66	38.49	40.04	43.94	43.79	46.69	45.89	46.69	46.69	46.69	42.71	45.94	46.69	46.69	43.98	46.69	46.69	39.98	34.82
5/21/2007	38.29	21.70	19.56	24.73	31.81	44.85	44.02	50.25	47.67	52.19	56.11	57.06	53.95	55.80	61.47	53.01	46.69	47.35	47.61	46.69	46.69	46.69	44.33	44.23
5/22/2007	46.40	19.53	18.99	18.99	22.67	42.59	46.69	46.78	49.55	52.21	53.26	61.03	47.37	47.36	53.00	48.37	48.04	59.55	48.01	46.69	47.35	46.69	46.55	46.69
5/23/2007	45.19	35.17	21.03	19.59	42.98	45.54	47.27	54.42	54.53	55.49	61.59	62.02	59.53	60.86	60.62	63.95	60.85	47.17	46.69	46.69	46.69	47.35	45.81	45.69
5/24/2007	39.06	20.37	20.98	19.55	22.33	38.91	46.32	46.69	49.13	58.50	61.34	59.50	58.94	49.										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
6/10/2007	19.21	17.42	17.15	14.28	18.99	15.38	18.99	24.02	37.22	42.84	33.21	32.30	38.66	35.62	19.89	18.99	19.18	23.78	25.21	32.57	19.92	42.15	25.21	23.38
6/11/2007	19.59	15.78	18.99	14.36	18.99	31.34	45.92	41.00	44.91	50.30	48.57	51.65	56.57	45.43	45.48	38.67	49.08	47.04	57.16	49.13	48.23	45.58	38.14	40.75
6/12/2007	20.49	18.99	14.50	18.99	18.99	19.62	38.09	44.39	48.33	46.19	51.99	46.59	45.40	44.21	43.65	43.78	44.95	62.47	47.22	43.04	39.29	43.93	46.20	32.10
6/13/2007	19.60	18.99	18.99	14.26	18.99	19.39	44.41	25.07	22.91	25.21	49.97	51.12	48.98	46.28	46.46	19.56	23.86	48.57	49.20	30.73	21.24	48.36	35.27	28.95
6/14/2007	18.99	18.99	17.20	16.18	17.35	19.22	42.22	48.61	50.35	51.34	54.65	61.86	30.72	18.99	18.99	18.99	19.88	34.59	45.87	46.60	42.45	46.60	45.36	38.44
6/15/2007	19.22	17.09	16.21	14.34	14.32	18.99	45.35	46.60	46.60	48.42	46.60	46.02	41.82	32.49	21.71	42.78	45.93	28.68	45.84	35.07	19.96	19.81	38.89	38.67
6/16/2007	23.49	16.70	15.24	14.65	14.35	15.42	18.99	22.79	24.37	41.24	39.17	24.50	23.25	23.32	18.99	13.43	18.99	24.05	24.20	25.62	18.07	38.02	39.92	38.15
6/17/2007	19.83	16.43	15.91	17.46	14.31	14.24	18.99	26.15	37.89	33.45	42.35	39.31	43.90	37.55	19.59	19.50	18.99	19.95	33.51	44.39	19.03	39.69	42.95	28.35
6/18/2007	21.47	18.99	18.99	14.21	18.99	41.43	45.67	47.23	51.53	25.21	60.99	55.61	49.20	57.28	47.67	47.55	45.60	44.32	36.38	47.93	51.74	47.53	43.36	36.47
6/19/2007	23.57	18.99	17.05	16.11	15.62	19.21	41.34	44.95	44.64	38.92	55.43	55.00	58.84	60.29	45.25	44.07	37.01	46.60	45.61	29.83	40.37	45.78	37.95	23.01
6/20/2007	18.99	18.99	17.33	15.28	14.76	18.99	33.13	45.48	46.60	48.53	47.27	46.60	46.60	46.60	18.99	34.81	30.18	56.52	39.15	28.74	27.35	47.75	30.16	39.11
6/21/2007	19.33	19.08	18.99	16.61	14.27	19.11	42.28	46.69	47.05	33.66	58.38	53.53	40.22	23.13	22.75	45.97	42.56	47.99	25.06	47.05	22.86	49.85	24.77	25.21
6/22/2007	20.76	19.11	18.99	18.99	18.99	19.41	24.94	25.21	38.30	39.54	50.84	47.93	46.12	46.23	19.41	19.35	40.71	52.56	46.12	40.36	33.55	25.21	41.18	30.50
6/23/2007	19.62	16.19	15.21	14.91	14.89	16.02	18.99	21.09	35.29	33.88	42.39	43.91	41.02	18.99	18.99	18.99	15.55	18.99	40.53	44.51	19.56	42.95	38.67	39.71
6/24/2007	23.29	18.99	18.99	14.88	14.30	14.28	18.99	23.22	39.26	25.21	45.57	43.87	30.11	31.64	19.63	21.69	19.69	19.72	25.21	24.91	19.31	44.94	25.21	23.56
6/25/2007	21.78	18.99	18.99	18.99	18.99	24.63	44.87	47.63	47.45	50.14	49.21	49.16	47.18	49.06	50.99	63.50	45.54	46.60	46.60	45.42	44.57	25.21	43.46	43.22
6/26/2007	25.40	19.10	18.99	16.34	15.41	18.99	37.20	46.60	46.60	47.00	47.28	47.16	46.94	46.60	40.29	31.48	52.93	48.46	52.41	30.50	28.76	44.50	47.45	28.48
6/27/2007	19.74	18.99	18.19	18.99	16.21	18.99	39.39	48.01	54.80	46.73	49.13	50.09	49.13	48.29	42.19	36.50	27.92	53.49	43.45	30.30	28.66	46.36	39.64	26.36
6/28/2007	19.90	18.99	17.18	18.99	14.80	19.67	42.74	24.94	47.82	50.74	53.45	51.29	49.68	65.03	25.21	22.18	22.57	45.66	46.33	24.29	43.51	46.60	40.47	37.56
6/29/2007	19.36	14.93	14.69	17.19	15.95	16.91	25.83	28.83	40.28	46.60	46.60	45.41	45.66	43.53	19.40	30.66	29.78	55.76	55.75	51.94	47.90	30.44	38.86	39.02
6/30/2007	24.41	18.99	18.99	14.96	18.99	15.47	19.10	34.85	38.27	26.75	25.00	23.38	50.44	19.18	18.99	18.99	17.14	45.30	47.36	27.11	20.67	25.21	36.63	34.10
7/1/2007	35.54	25.14	42.14	45.51	44.16	40.83	42.37	44.50	45.45	45.31	46.51	46.51	47.00	46.51	45.49	46.51	45.33	45.26	46.51	46.80	46.51	46.64	46.46	46.27
7/2/2007	39.94	45.28	43.29	43.39	26.81	46.51	46.51	48.73	49.95	55.04	60.71	62.65	63.41	58.73	46.52	47.00	46.51	57.47	47.01	47.09	46.70	49.86	48.93	46.51
7/3/2007	44.77	45.07	45.30	43.53	42.31	34.91	46.51	50.29	54.06	60.07	61.54	65.43	64.56	66.54	62.89	46.51	46.51	61.27	51.69	46.51	46.51	56.73	46.51	46.51
7/4/2007	46.43	45.28	35.06	40.97	31.52	46.51	46.51	52.22	48.49	61.12	64.02	66.16	47.33	46.59	46.51	46.51	46.51	46.77	46.89	46.51	46.51	47.04	47.51	46.51
7/5/2007	46.51	45.91	42.85	43.86	24.91	46.51	46.73	46.78	54.60	59.59	62.63	64.60	50.00	46.98	46.51	46.51	46.51	47.18	46.74	46.51	46.51	46.76	47.28	46.72
7/6/2007	46.51	33.54	42.93	42.40	45.76	46.51	46.51	46.51	51.39	52.36	60.27	57.38	59.15	47.10	51.85	46.51	46.51	46.65	46.92	47.05	48.42	47.16	46.84	46.51
7/7/2007	46.51	43.42	32.99	45.55	41.95	40.91	45.87	45.31	46.51	47.05	54.99	58.64	55.69	54.98	46.51	46.51	45.57	46.51	46.51	46.51	46.51	46.51	46.51	45.62
7/8/2007	46.51	45.42	44.23	44.25	42.35	42.16	41.27	45.66	45.54	45.50	46.32	46.88	47.45	46.51	46.51	39.96	42.35	52.80	60.53	54.80	52.65	53.96	32.46	43.67
7/9/2007	45.12	45.63	42.91	43.79	42.52	44.65	46.51	51.95	54.83	59.06	64.98	65.91	67.18	65.75	46.63	46.84	46.84	46.60	48.26	47.41	46.92	56.74	47.12	46.51
7/10/2007	46.51	25.21	44.66	44.90	45.69	45.46	46.51	48.35	52.80	60.25	63.73	66.12	64.06	63.06	46.97	46.51	46.51	48.66	49.59	46.51	46.51	48.76	46.51	46.51
7/11/2007	46.51	43.41	39.12	45.64	45.60	45.98	46.51	48.77	52.42	60.61	62.80	64.53	57.68	46.98	47.18	46.51	46.98	48.50	47.31	46.51	46.51	49.63	46.51	46.51
7/12/2007	46.51	43.79	45.39	42.47	45.25	46.51	46.81	49.74	55.79	61.48	62.66	66.64	62.72	57.97	47.17	46.51	47.63	57.96	58.94	46.83	48.09	57.95	47.25	46.88
7/13/2007	46.51	37.97	44.00	44.91	44.69	46.22	46.51	47.99	50.91	57.63	62.81	64.36	64.03	65.53	52.80	47.18	47.68	52.80	46.51	52.80	52.80	49.74	46.70	46.02
7/14/2007	45.30	45.01	43.78	43.96	43.64	45.72	46.43	45.96	46.51	46.96	49.87	58.67	56.07	46.51	46.51	45.68	44.33	46.51	46.51	46.51	46.51	47.34	46.51	45.56
7/15/2007	45.62	35.47	40.32	43.94	43.29	39.45	44.19	45.41	44.07	46.51	46.51	51.36	53.31	52.02	46.51	46.51	45.95	46.75	47.81	52.80	46.51	54.48	46.51	46.23
7/16/2007	46.51	43.90	32.98	43.57	44.79	46.46	46.51	49.25	54.65	60.09	64.34	66.70	66.31	66.28	63.35	55.91	48.42	62.26	50.51	47.87	46.83	56.66	49.78	46.71
7/17/2007	46.51	45.33	37.47	44.65	45.73	46.51	47.93	53.57	59.96	62.58	65.53	65.98	66.85	65.36	62.32	53.91	58.92	46.51	68.99	66.96	56.70	63.05	53.95	49.33
7/18/2007	48.34	46.51	45.29	45.32	45.79	46.61	50.27	52.80	61.61	64.40	66.12	69.37	70.08	52.08	47.70	47.12	47.16	49.63	52.80	46.74	48.36	49.66	46.51	46.51
7/19/2007	46.51	39.03	44.77	45.19	45.47	45.99	46.74	47.90	46.51	57.74	66.05	66.34	64.05	63.50	49.25	46.98	48.22	62.88	64.56	59.91	46.82	47.18	46.51	46.51
7/20/2007	46.51	46.41	44.87	44.16	44.95	46.51	46.79	46.74	50.56	56.48	61.49	62.87	66.74	65.96	58.60	50.08	50.27	62.36	48.42	61.31	46.60	50.11	46.65	46.63
7/21/2007	46.51	46.51	43.51	45.69	42.14	44.09	44.11	46.51	46.51	47.84	52.80	52.80	50.00	47.20	46.51	46.20	46.51	46.51	47.33	46.67	46.56	47.95	46.51	46.21
7/22/2007	46.51	45.42	43.66	45.27	43.56	38.69	42.73	46.14	45.28	46.51	47.57	48.76	50.25	49.80	46.83	46.51	46.51	46.51	54.29	46.51	49.66	46.51	45.92	45.92
7/23/2007	44.49	45.84	42.76	44.75	44.67	46.40	46.51	54.33	55.51	60.66	64.28	66.84	66.75	66.59	62.38	58.28	56.49	66.42	60.57	50.12	47.01	59.26	52.48	46.51
7/24/2007	46.51	46.05	45.56	45.31	45.70	46.51	46.92	49.40	58.69	60.87	64.71	66.45	66.26	66.23	56.75	48.07	60.07	50.32	59.60	54.73	48.12	55.08	49.59	47.19
7/25/2007	46.51	44.59	45.45	44.93	44.58	46.31	46.51	56.05	49.33	61.50	64.72	70.08	63.78	59.91	49.60	47.17	47.70	58.99	57.38	53.59	46.81	50.16	46.51	46.51
7/26/2007	46.51	46.51	43.95	43.58	43.89	46.51	46.70	49.76	52.80	50.01	65.04	63.60	52.80	5										



Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
8/12/2007	59.65	61.12	58.69	54.25	52.70	52.70	48.53	46.42	47.56	48.88	46.76	47.08	48.31	49.57	51.32	54.64	56.50	60.15	56.68	62.28	59.25	60.43	59.84	61.85
8/13/2007	61.69	58.38	58.48	51.04	49.50	51.38	47.52	46.97	46.42	52.69	58.34	55.90	59.67	60.37	61.80	63.69	64.89	66.57	66.47	64.84	65.28	65.85	66.82	66.80
8/14/2007	64.24	63.91	60.91	60.54	52.70	55.99	53.61	46.42	46.42	46.42	54.82	58.77	60.22	60.59	62.38	63.80	66.92	66.55	68.02	65.21	62.99	66.11	66.77	67.89
8/15/2007	67.20	64.72	61.27	59.65	59.64	55.42	53.32	46.71	46.42	47.07	55.52	60.98	61.28	63.33	63.07	64.55	66.27	66.23	68.69	46.87	59.51	62.70	66.21	67.08
8/16/2007	66.29	64.88	61.61	60.38	55.09	55.81	52.69	49.43	46.42	48.99	56.65	60.93	60.31	61.12	62.79	66.33	66.10	66.93	67.58	65.64	61.25	66.22	67.35	66.43
8/17/2007	66.78	63.45	60.89	61.94	54.71	54.55	52.69	47.09	46.42	48.55	57.40	60.61	59.37	61.89	62.60	62.81	65.38	66.33	69.94	64.89	64.36	66.57	65.93	63.51
8/18/2007	61.24	61.31	62.15	59.12	52.69	52.70	50.66	46.42	46.42	45.03	50.49	50.64	49.99	54.14	58.85	58.69	59.77	62.00	61.51	59.09	56.44	58.90	61.37	60.58
8/19/2007	61.45	62.28	54.53	54.37	49.76	50.14	47.07	46.42	46.73	46.42	46.42	47.27	50.68	49.62	52.13	52.69	57.62	58.12	56.28	57.41	56.24	59.18	58.42	59.19
8/20/2007	57.32	55.99	57.67	52.69	49.45	52.69	46.42	46.42	45.50	45.01	52.69	52.92	54.74	58.50	59.33	59.89	62.32	60.38	61.66	59.49	58.52	63.16	63.72	61.82
8/21/2007	66.76	62.94	60.93	56.07	52.70	52.69	48.09	46.42	46.42	47.28	54.05	61.93	61.38	61.66	61.64	63.13	63.57	62.76	61.94	63.43	62.98	64.12	64.02	63.52
8/22/2007	65.40	63.79	62.24	60.36	54.83	56.28	50.80	46.63	46.42	46.53	56.05	61.87	61.28	61.10	62.45	64.23	63.65	64.11	64.18	58.88	60.00	61.55	63.75	63.25
8/23/2007	67.45	64.38	61.16	60.52	57.83	55.16	52.69	47.09	46.42	52.69	57.45	60.57	62.15	62.01	63.55	63.50	65.82	65.45	65.83	65.91	62.95	63.92	64.44	64.03
8/24/2007	67.26	65.94	62.40	62.26	56.62	56.00	51.58	47.08	46.42	47.87	55.90	61.91	61.05	61.45	64.95	65.26	63.03	65.65	63.73	65.06	65.36	64.20	62.98	61.28
8/25/2007	62.20	60.45	61.08	59.14	52.89	49.86	49.91	46.42	45.17	44.81	47.07	49.87	54.81	51.54	55.66	56.75	60.98	59.84	58.64	52.70	52.69	55.81	57.98	60.84
8/26/2007	60.76	59.25	54.37	53.78	49.59	49.75	48.32	45.82	46.42	45.21	34.52	44.41	53.01	48.38	50.45	54.33	54.25	58.84	55.45	57.50	56.30	58.88	55.82	57.57
8/27/2007	58.74	56.35	53.87	51.45	46.64	49.83	46.42	46.42	45.44	41.16	52.10	52.70	54.36	55.34	57.99	58.69	61.63	58.78	59.56	52.70	53.39	60.54	62.73	60.78
8/28/2007	63.81	63.25	57.77	55.26	50.22	52.69	50.17	46.42	45.57	46.42	57.33	59.01	59.28	61.70	61.57	59.34	62.30	60.51	60.17	57.69	52.69	61.20	61.47	63.72
8/29/2007	65.10	62.33	60.31	55.82	52.70	54.64	50.19	51.83	50.20	47.06	55.99	59.09	59.68	61.16	61.16	61.51	62.45	60.96	54.14	49.12	47.15	49.92	64.54	63.52
8/30/2007	65.00	65.01	60.70	59.73	54.54	53.73	49.78	52.69	46.42	49.55	55.47	60.92	60.24	62.89	61.36	65.51	65.00	65.94	63.37	58.81	45.81	56.68	66.27	65.31
8/31/2007	66.15	63.77	61.22	58.28	53.77	54.37	49.84	50.43	46.42	52.69	59.93	61.23	59.11	62.38	61.97	65.01	65.10	67.15	65.01	64.50	61.70	62.13	63.40	61.78
9/1/2007	62.48	61.97	61.24	58.98	52.70	61.70	57.08	58.68	56.80	55.13	58.45	60.83	59.88	62.74	63.50	64.99	70.23	65.06	65.05	66.22	65.59	66.25	67.22	64.98
9/2/2007	64.88	65.01	64.06	62.70	57.78	60.51	58.81	55.86	53.29	52.51	53.76	53.98	59.08	58.79	59.50	59.85	61.42	64.59	63.87	61.67	63.14	62.19	61.11	62.12
9/3/2007	61.18	62.98	65.69	58.21	58.98	55.07	56.17	52.99	52.59	52.59	63.21	62.56	65.14	63.19	67.75	65.95	69.80	66.69	69.81	65.66	66.08	65.76	66.23	67.91
9/4/2007	66.31	66.93	67.70	66.31	57.05	58.64	54.19	52.59	52.59	55.25	63.27	65.07	61.80	64.38	67.31	65.41	66.88	65.67	66.19	65.52	66.45	69.81	66.19	66.57
9/5/2007	66.32	65.80	61.71	62.52	58.95	64.92	59.55	56.38	55.17	59.16	62.13	64.04	66.29	63.12	67.84	68.42	68.47	67.35	65.90	65.93	66.18	67.33	67.40	68.08
9/6/2007	69.25	65.87	63.57	63.76	60.40	62.68	61.99	58.80	56.29	59.44	61.48	61.26	62.40	63.71	65.39	68.02	66.21	67.37	65.49	65.57	64.71	67.85	66.81	67.38
9/7/2007	66.03	66.04	63.42	62.10	60.73	61.38	56.13	53.31	54.34	58.08	63.67	65.10	68.33	66.98	68.01	66.22	67.45	67.68	66.21	66.79	66.74	66.78	69.81	63.53
9/8/2007	66.28	62.97	66.10	62.12	59.19	59.75	58.88	55.25	53.92	55.63	57.14	61.17	60.30	58.89	65.39	62.11	62.15	61.91	61.62	62.70	60.78	61.72	61.33	62.72
9/9/2007	62.32	63.45	59.14	58.98	60.14	56.40	56.55	53.65	52.59	52.59	52.59	59.14	56.99	59.05	62.77	61.54	61.27	60.58	59.21	62.01	61.72	60.30	60.71	60.71
9/10/2007	62.57	67.72	59.63	57.54	55.09	60.40	54.84	52.59	52.45	55.55	57.66	62.40	62.12	62.86	63.64	67.97	63.25	61.52	65.84	64.33	65.76	64.90	65.28	65.70
9/11/2007	65.37	63.85	66.21	62.28	58.70	62.10	50.43	52.59	51.73	55.20	62.45	64.10	66.99	64.96	67.55	65.32	65.78	65.10	65.25	65.35	65.97	66.93	67.02	66.66
9/12/2007	68.67	66.19	64.23	61.59	58.41	58.70	59.18	53.52	54.26	58.54	60.97	63.79	63.72	62.12	63.50	65.48	65.40	65.83	66.46	66.14	65.21	66.13	65.69	66.50
9/13/2007	66.23	68.12	63.24	61.68	59.54	59.38	59.35	52.59	54.02	58.41	62.92	65.18	65.21	64.42	65.97	66.71	66.12	66.68	66.56	65.26	60.51	65.17	67.51	67.47
9/14/2007	66.25	65.36	63.04	61.65	56.99	61.89	57.87	52.59	53.19	56.22	61.69	64.05	67.07	62.79	62.88	66.62	65.88	65.96	67.19	64.84	63.05	66.20	66.70	61.78
9/15/2007	63.88	63.59	61.63	60.11	54.12	59.63	52.59	49.68	52.59	52.59	54.81	58.98	62.84	59.49	59.67	62.75	62.35	61.72	61.05	61.44	61.97	61.29	61.07	62.67
9/16/2007	63.24	61.33	59.75	55.91	53.31	56.90	55.14	52.59	52.59	50.10	52.51	50.09	58.52	56.99	61.80	57.28	57.84	60.59	60.12	60.13	59.33	60.33	60.60	60.87
9/17/2007	61.06	67.69	60.08	54.20	57.99	57.42	52.59	50.13	50.16	52.59	61.47	63.11	63.02	66.78	64.34	64.79	64.00	61.60	64.38	64.19	66.28	65.08	62.85	64.60
9/18/2007	68.73	67.17	60.99	58.68	59.56	60.19	53.33	50.11	50.03	55.27	61.33	65.39	63.21	63.76	62.45	64.27	65.96	64.91	64.28	65.62	66.28	66.30	68.32	66.24
9/19/2007	69.81	69.81	61.71	61.64	57.31	55.36	55.06	52.59	52.59	55.58	61.10	63.96	63.38	64.92	61.63	61.95	66.47	66.47	65.85	66.60	65.11	65.84	65.17	69.81
9/20/2007	66.05	65.03	61.27	60.21	55.45	55.01	58.69	51.72	52.59	55.25	63.24	64.06	66.45	61.90	65.90	62.60	62.43	63.64	60.32	57.16	52.59	60.31	63.62	68.19
9/21/2007	66.70	67.83	66.35	61.12	52.88	61.76	58.25	52.59	52.59	52.59	62.04	63.63	66.58	68.68	64.13	65.09	60.87	60.49	59.55	52.59	52.59	58.03	61.03	62.31
9/22/2007	62.99	60.65	60.74	59.03	55.30	55.60	54.49	52.59	51.22	52.59	53.96	59.86	62.68	54.89	62.87	59.13	58.77	55.16	56.03	55.34	55.23	56.49	54.79	62.66
9/23/2007	61.95	60.28	56.09	59.92	52.59	58.16	55.60	51.39	50.33	51.38	49.72	52.59	56.72	57.42	58.78	55.58	58.55	59.18	57.25	61.07	58.48	58.65	58.42	63.25
9/24/2007	63.65	64.37	59.10	57.63	52.59	55.20	50.20	50.39	50.17	54.64	62.44	65.84	65.96	65.14	66.68	63.93	63.21	61.42	63.79	60.83	60.02	61.70	63.00	65.27
9/25/2007	66.15	66.15	61.94	63.18	55.22	55.30	56.33	52.59	50.11	57.68	62.98	65.02	63.99	65.07	60.69	61.40	61.51	61.15	61.23	61.36	62.60	63.15	62.82	66.60
9/26/2007	65.71	64.32	63.11	58.41	52.59	56.64	69.81	52.59	52.59	54.97	62.39	64.97	64.88	63.56	64.86	62.86	64.13	61.33	63.43	64.88	60.83	60.52	62.77	65.69
9/27/2007	66.85	63.51	59.67	55.56	52.59	58.11	54.66	52.44	52.59	55.71	60.77	63.69	64.88	6										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
10/14/2007	60.22	55.51	53.08	55.69	46.81	52.49	48.27	46.74	50.23	48.26	50.44	52.49	53.41	53.65	55.73	55.40	54.97	57.23	54.88	55.01	52.49	53.81	52.49	57.76
10/15/2007	55.22	52.52	56.55	54.62	51.71	50.21	48.13	46.71	49.79	52.49	61.58	67.14	67.86	67.86	66.58	63.77	57.77	55.01	52.49	52.48	50.34	52.49	64.01	64.27
10/16/2007	68.61	66.02	55.71	58.98	53.60	52.49	52.48	49.32	50.00	52.49	62.05	64.51	67.48	64.13	64.56	63.03	58.19	54.83	54.45	50.03	48.91	50.05	61.36	66.26
10/17/2007	65.94	65.25	60.08	57.17	52.49	52.58	52.49	50.00	49.43	52.49	61.03	62.16	63.65	64.25	60.71	61.01	60.58	56.60	56.40	55.32	52.49	54.55	66.30	69.67
10/18/2007	62.50	60.66	55.30	69.67	52.48	52.49	52.48	49.91	48.22	52.49	61.42	61.53	64.68	63.51	62.64	61.43	60.43	59.29	58.28	57.28	56.00	55.78	61.49	65.82
10/19/2007	63.71	63.67	54.36	57.85	54.18	54.80	52.90	48.74	48.98	52.00	59.98	61.81	67.31	66.95	69.67	67.79	63.56	60.82	58.50	57.54	55.28	59.51	60.76	67.62
10/20/2007	65.62	58.48	54.76	58.40	49.86	49.98	51.62	48.74	48.35	49.90	52.49	56.30	52.49	56.36	60.06	58.76	56.00	49.61	46.87	49.25	48.82	47.57	60.45	54.78
10/21/2007	54.74	58.38	69.67	55.98	46.92	47.25	48.93	49.60	48.86	49.32	52.49	53.84	54.87	52.48	52.49	52.49	53.84	52.99	52.48	52.49	47.97	47.47	49.39	54.66
10/22/2007	49.54	52.49	49.44	52.49	49.73	49.87	48.06	50.56	49.99	52.49	61.53	64.38	68.65	65.80	67.15	63.29	52.49	50.04	49.46	46.39	46.24	46.51	62.63	67.09
10/23/2007	69.25	66.66	62.85	59.13	49.88	51.56	52.00	50.20	46.85	52.49	60.08	65.08	67.87	63.74	64.28	64.45	56.22	53.64	52.49	49.61	46.86	49.90	65.33	68.39
10/24/2007	65.87	61.48	59.84	55.61	50.31	52.49	52.49	51.09	49.96	52.49	61.51	61.71	65.34	63.79	63.69	60.58	60.28	54.81	54.28	53.49	49.31	52.58	69.11	69.89
10/25/2007	61.53	61.82	56.98	57.40	52.49	52.49	49.15	49.96	49.57	52.49	58.29	62.66	63.27	62.73	62.79	60.61	59.69	57.71	56.19	57.37	57.15	54.91	65.57	74.45
10/26/2007	63.31	62.60	60.85	58.38	50.33	52.49	52.49	48.65	50.51	52.49	59.68	61.43	63.57	65.94	67.74	65.28	64.28	59.53	57.14	57.07	54.28	58.94	65.77	69.67
10/27/2007	62.68	59.23	58.94	55.42	51.84	50.65	50.39	48.98	49.76	49.86	52.49	59.21	53.59	56.48	60.49	57.39	54.94	49.38	46.24	46.91	46.80	46.90	59.26	67.27
10/28/2007	57.75	59.40	55.22	51.76	46.91	48.41	48.74	49.84	50.71	48.43	56.62	52.49	52.49	53.93	52.49	52.49	52.78	52.49	51.00	50.28	49.57	49.91	57.32	66.21
10/29/2007	56.31	52.49	53.15	52.49	49.81	49.90	46.84	50.72	46.86	52.49	61.72	65.73	67.57	66.49	67.12	62.39	59.54	53.47	49.92	49.49	46.51	49.97	70.40	69.67
10/30/2007	65.18	64.59	59.71	56.58	51.27	51.63	52.51	49.92	50.02	53.92	60.47	62.78	62.74	63.23	63.46	61.95	59.93	52.49	52.49	46.88	46.97	50.71	65.60	69.67
10/31/2007	63.34	61.49	60.68	61.16	52.35	52.48	46.92	50.56	50.22	52.24	62.13	61.55	65.58	63.53	62.69	62.44	57.22	53.02	49.68	46.78	46.24	50.89	64.66	64.84
11/1/2007	69.67	62.14	60.12	57.62	52.41	60.26	49.61	52.34	52.65	51.19	56.30	62.35	63.92	61.79	64.93	65.24	64.07	64.18	58.22	61.59	58.36	60.45	64.95	66.50
11/2/2007	66.00	60.77	62.14	60.04	54.92	59.66	52.31	49.06	50.65	49.36	61.04	62.29	70.12	68.86	67.57	65.35	66.35	64.47	62.68	61.33	60.11	64.38	63.92	69.07
11/3/2007	67.78	61.83	61.34	60.44	54.92	49.08	48.95	53.16	50.94	50.67	49.78	55.23	54.92	59.70	60.34	61.95	57.13	55.59	56.77	55.54	56.25	56.94	66.19	66.35
11/4/2007	59.50	55.78	55.36	55.73	52.08	51.12	51.18	52.59	52.30	52.00	51.74	54.92	54.92	54.92	54.92	56.92	53.20	54.82	52.32	52.30	54.92	54.92	62.48	68.55
11/5/2007	62.14	56.54	53.58	54.92	48.82	49.02	50.50	52.05	51.88	51.94	61.10	61.08	66.42	69.90	65.96	67.94	65.72	65.06	64.35	65.32	63.91	62.98	66.51	68.11
11/6/2007	68.30	68.08	59.27	57.52	54.92	54.92	54.92	51.97	51.57	51.31	57.06	61.49	67.02	65.55	66.00	66.05	65.30	62.61	61.34	65.04	65.25	61.18	67.08	68.30
11/7/2007	70.67	68.03	58.55	59.87	54.85	54.92	48.37	48.37	52.85	54.92	56.32	62.45	69.21	68.22	67.53	64.81	65.14	67.01	58.13	66.16	65.05	61.83	70.99	70.77
11/8/2007	71.69	65.73	59.53	54.92	54.69	54.92	48.37	52.07	53.29	49.66	60.49	63.78	71.51	70.58	66.28	67.68	64.92	60.79	57.43	64.54	66.45	65.25	72.71	73.65
11/9/2007	73.24	68.26	62.18	61.50	54.92	54.92	48.37	50.66	48.39	49.93	57.07	61.24	68.99	69.37	69.37	64.57	63.67	59.04	57.81	58.42	61.45	66.44	66.32	72.89
11/10/2007	68.26	61.21	61.09	58.01	50.01	53.99	54.68	52.21	52.78	51.09	54.92	54.92	58.88	63.92	67.50	66.30	62.90	58.34	57.80	58.78	56.56	55.82	71.49	70.62
11/11/2007	61.61	62.98	59.37	57.90	51.04	52.64	51.65	48.99	48.37	51.21	54.92	54.24	54.92	56.76	59.51	54.92	54.92	57.67	56.71	54.92	56.38	54.92	69.68	67.03
11/12/2007	62.90	60.78	54.92	55.53	48.37	49.73	51.38	52.92	52.36	54.14	57.36	63.79	70.53	69.60	69.09	63.99	64.59	61.43	61.25	63.89	63.88	61.43	68.66	72.22
11/13/2007	69.51	67.44	59.90	59.34	54.92	54.92	54.92	52.09	54.92	54.92	56.62	62.29	66.35	65.01	63.87	63.98	64.07	61.77	58.11	59.42	61.22	59.68	66.88	71.11
11/14/2007	68.41	66.98	60.30	61.65	52.59	54.57	48.37	50.64	54.92	49.08	54.92	63.35	70.39	70.60	69.43	67.78	63.83	64.95	60.19	63.85	65.27	59.16	73.65	72.10
11/15/2007	70.40	67.36	61.13	62.92	54.77	54.92	54.92	48.37	48.52	48.37	57.86	56.83	65.09	70.16	67.33	69.24	64.30	56.77	55.38	59.73	60.39	57.98	72.89	69.42
11/16/2007	68.33	64.46	55.09	54.92	49.09	54.45	48.37	54.71	48.37	54.92	59.07	59.08	67.91	67.81	66.40	64.12	58.52	61.01	59.95	59.99	57.18	65.72	72.89	67.95
11/17/2007	67.78	65.56	61.79	54.92	55.29	48.79	48.37	48.37	49.05	54.92	49.99	54.92	57.41	59.64	63.83	61.52	62.14	57.93	55.50	54.92	54.92	64.35	66.57	
11/18/2007	59.95	63.28	58.43	57.22	54.92	51.03	51.32	52.18	52.45	52.37	54.92	54.92	54.92	57.88	58.68	59.47	58.67	55.41	54.92	54.92	57.34	54.92	65.84	64.99
11/19/2007	64.13	64.24	61.27	57.31	52.19	53.50	52.61	52.59	54.92	54.92	60.93	65.67	68.91	69.29	66.34	63.30	65.19	57.38	59.94	59.26	59.73	62.92	72.89	71.61
11/20/2007	71.88	70.24	65.57	64.72	57.24	54.92	55.14	52.10	51.87	56.00	59.44	65.17	70.17	59.57	61.45	58.08	59.07	71.66	70.83	71.03	68.90	64.30	62.17	56.69
11/21/2007	55.66	54.01	54.92	54.92	59.09	61.47	65.72	71.12	70.16	66.93	64.68	64.77	63.04	60.01	64.67	62.47	62.93	71.88	69.62	70.72	70.84	65.01	64.11	57.52
11/22/2007	56.92	54.92	53.87	54.86	54.92	61.28	63.11	70.72	69.49	66.72	68.26	64.54	57.35	58.24	61.91	61.18	59.63	70.43	68.56	68.67	65.74	61.16	57.04	54.92
11/23/2007	51.00	51.89	50.24	50.42	54.92	61.07	65.64	71.42	71.34	70.34	66.37	61.84	61.59	59.98	58.58	63.63	72.89	73.65	70.87	71.01	69.23	62.31	62.37	55.95
11/24/2007	49.07	48.37	49.05	52.92	54.78	55.61	54.92	60.57	62.54	64.49	64.78	62.54	61.14	60.22	59.40	59.07	61.08	70.07	64.62	60.97	62.99	59.72	59.82	54.70
11/25/2007	50.73	52.14	52.62	51.94	54.92	55.53	56.88	54.92	57.55	60.94	61.67	58.88	59.86	58.78	58.70	59.59	57.60	67.24	68.46	64.52	70.26	63.06	58.43	54.92
11/26/2007	54.92	54.92	49.04	54.92	57.89	67.53	68.81	71.38	70.68	69.77	68.22	68.13	57.95	57.28	63.07	65.64	63.51	74.67	72.17	70.23	70.80	66.76	63.56	59.05
11/27/2007	58.13	54.92	54.92	54.92	58.42	63.01	67.29	76.77	73.34	68.39	66.98	65.93	63.50	58.99	62.26	65.00	64.31	72.89	72.89	73.65	72.53	67.35	64.67	60.78
11/28/2007	59.07	54.92	66.66	54.92	60.79	65.52	68.54	73.65	71.53	70.85	66.73	66.50	67.00	62.70	67.79	65.40	67.77	72.89	71.09	71.29	67.55	68.00	65.33	56.37
11/29/2007	56.16	50.66	48.64	53.60	57.51	65.38	67.42	71.29	71.62															

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
12/16/2007	53.25	58.19	57.94	56.00	56.53	58.19	56.22	58.19	61.90	63.59	62.28	62.36	60.70	58.19	58.19	58.19	65.77	76.24	75.29	72.18	67.60	63.57	58.06	51.42
12/17/2007	52.91	54.56	54.55	55.38	58.19	61.40	66.05	72.47	75.31	70.87	71.84	68.66	67.33	68.36	61.62	68.15	67.27	77.22	77.85	73.88	75.25	66.63	67.92	58.19
12/18/2007	63.27	64.50	58.19	51.46	61.21	60.19	66.50	71.87	71.87	71.87	71.87	69.84	68.59	68.47	67.06	66.24	59.92	77.22	77.22	73.65	73.98	67.17	63.89	60.32
12/19/2007	58.19	52.07	51.23	51.95	57.95	60.66	63.88	72.08	75.81	72.44	71.96	69.68	63.34	62.69	62.77	63.45	62.23	78.03	73.35	65.47	69.65	63.57	65.23	58.19
12/20/2007	58.16	58.19	53.33	52.95	58.19	59.49	64.51	72.25	73.05	69.74	67.34	67.00	68.38	65.62	67.36	66.88	70.38	77.22	77.22	76.11	68.49	67.15	61.76	60.02
12/21/2007	62.23	58.19	58.69	58.19	59.31	59.06	66.28	71.23	74.86	73.50	73.51	69.00	69.33	67.65	66.95	67.27	67.25	78.03	76.19	72.23	71.16	67.79	67.97	63.29
12/22/2007	58.19	58.19	58.19	58.19	58.19	54.85	60.80	65.73	69.68	74.47	69.67	70.91	66.01	64.51	66.37	63.20	66.52	70.18	74.52	70.64	74.89	65.34	60.19	53.39
12/23/2007	51.99	51.55	51.23	51.23	60.55	58.19	57.77	58.19	62.45	63.52	62.45	63.46	61.02	61.09	59.80	59.95	63.59	69.00	71.41	69.72	65.80	64.34	58.19	51.97
12/24/2007	51.65	51.23	51.23	51.84	58.19	63.51	71.07	77.22	78.39	78.03	77.22	72.34	75.30	74.34	74.83	73.02	68.03	77.22	78.03	77.22	77.22	69.38	69.02	55.43
12/25/2007	58.63	51.23	55.07	53.68	55.03	61.56	67.57	71.52	73.03	73.63	72.44	70.61	71.54	68.47	66.87	64.89	64.19	77.22	75.10	72.47	72.15	66.79	66.44	60.00
12/26/2007	58.00	51.23	51.58	51.23	55.33	58.19	62.82	70.81	75.19	74.93	72.68	68.59	67.94	66.65	63.33	63.19	63.15	77.22	75.78	64.24	69.07	62.74	64.54	58.19
12/27/2007	55.88	54.98	51.23	53.22	55.54	58.19	61.79	65.89	70.39	69.65	68.09	65.79	68.05	64.38	63.91	66.16	69.15	75.81	77.22	73.73	68.73	67.58	63.48	54.15
12/28/2007	56.44	56.93	55.02	55.54	58.19	60.49	65.65	71.45	73.82	75.33	72.39	71.15	70.16	67.13	67.37	66.19	63.79	76.13	73.05	68.13	73.54	67.59	64.67	59.42
12/29/2007	56.80	58.19	54.81	56.06	57.59	54.01	58.55	63.36	66.59	72.41	70.65	69.61	67.17	62.19	58.19	58.19	61.40	75.47	73.49	68.22	69.70	63.47	62.96	58.19
12/30/2007	55.40	55.13	51.43	55.04	53.31	58.41	58.19	59.43	64.35	67.27	66.21	63.27	63.38	62.36	60.83	60.58	63.48	75.04	75.30	72.57	68.39	66.28	62.60	55.72
12/31/2007	56.59	50.27	51.22	54.16	59.96	64.27	73.84	77.22	82.74	78.03	77.22	75.68	74.76	74.30	73.70	71.95	68.13	82.54	84.50	75.24	78.03	72.35	67.31	55.01
1/1/2008	44.53	43.51	43.06	44.06	44.19	48.87	54.59	55.77	55.39	56.00	56.06	56.30	55.76	56.57	52.60	56.71	56.40	61.59	58.19	58.67	56.14	54.11	49.32	46.30
1/2/2008	44.30	43.24	42.95	41.14	44.06	50.53	50.67	51.48	51.04	52.89	50.87	46.47	55.24	49.98	48.65	47.27	46.93	49.98	54.28	52.21	58.42	51.94	48.84	44.06
1/3/2008	44.80	43.90	44.06	43.18	44.80	49.98	53.99	56.84	55.23	53.08	53.49	54.92	49.88	49.18	49.98	49.09	55.68	52.90	53.82	53.42	49.98	49.98	51.66	46.50
1/4/2008	47.64	45.18	44.05	42.99	44.06	49.92	50.06	53.99	55.83	56.06	52.50	54.09	49.98	53.92	50.85	51.12	51.01	56.12	57.49	49.98	56.78	48.89	49.85	44.06
1/5/2008	44.05	43.96	44.05	43.15	43.66	44.06	48.79	49.98	52.89	56.45	53.05	49.13	50.74	47.68	46.24	51.06	49.98	60.97	54.85	49.98	52.51	49.98	51.19	45.75
1/6/2008	44.06	44.73	44.06	43.02	43.12	44.69	44.98	47.27	49.98	52.60	52.31	50.57	49.91	46.55	46.26	51.74	48.15	59.35	63.79	56.44	54.81	47.66	48.16	47.20
1/7/2008	44.05	42.54	44.15	44.72	48.07	50.38	57.20	61.96	66.56	62.80	64.94	61.24	61.13	57.94	56.49	55.69	54.65	67.05	66.35	65.03	58.61	51.50	51.82	44.12
1/8/2008	44.06	44.28	44.06	43.11	49.07	45.72	56.32	61.78	61.59	59.86	59.75	52.93	53.86	56.55	53.29	50.11	54.64	60.63	67.05	62.43	59.35	52.94	47.94	44.09
1/9/2008	44.25	43.18	43.22	42.45	46.96	49.98	54.74	62.99	61.80	60.16	59.79	56.29	52.54	50.14	52.73	51.25	47.99	73.79	67.05	59.66	59.71	53.24	52.43	44.66
1/10/2008	42.92	44.06	42.94	43.88	44.06	44.06	52.63	53.83	61.59	57.88	59.83	55.76	54.57	48.77	51.09	51.03	53.00	61.84	64.44	59.98	53.16	51.78	49.98	45.81
1/11/2008	46.27	44.05	43.62	44.06	44.06	49.98	51.68	59.49	59.33	60.09	54.83	56.76	52.58	49.98	50.89	52.45	55.70	61.56	60.14	49.82	56.14	52.46	47.77	44.05
1/12/2008	44.05	42.59	44.05	44.05	44.09	44.05	45.63	49.98	47.38	52.66	54.58	49.98	49.98	44.06	49.98	46.66	49.98	50.71	52.24	47.41	47.78	49.98	48.84	44.87
1/13/2008	44.06	44.50	44.06	44.06	44.08	44.06	44.06	44.06	49.98	50.03	51.25	49.98	49.98	49.98	49.98	48.56	49.77	62.10	62.23	55.40	55.23	44.49	46.55	44.74
1/14/2008	44.06	43.32	44.05	48.37	45.84	48.30	53.41	61.59	63.92	61.96	61.58	58.15	51.48	49.56	52.37	52.15	54.11	65.24	66.35	61.58	59.28	49.98	49.98	46.70
1/15/2008	44.45	42.95	42.92	44.05	43.80	47.06	55.22	66.35	64.63	62.72	62.43	54.88	58.49	54.94	54.87	52.80	54.54	66.35	66.60	61.71	59.51	49.01	48.40	44.06
1/16/2008	44.26	45.37	44.15	45.88	44.79	44.06	52.27	62.29	59.64	54.45	55.71	51.60	55.71	49.98	52.70	52.45	49.98	66.35	70.68	66.53	57.51	55.74	49.98	44.06
1/17/2008	45.60	45.80	44.50	47.05	49.23	51.45	55.16	62.60	58.61	59.66	60.23	55.03	56.87	52.57	56.43	53.04	57.36	60.30	64.10	53.44	49.93	50.20	47.67	47.45
1/18/2008	44.79	45.76	44.05	44.06	44.06	46.98	52.68	61.00	64.56	61.51	52.47	58.80	55.75	55.48	49.87	55.83	50.67	56.78	55.86	47.28	55.59	49.54	50.30	44.06
1/19/2008	42.73	44.06	44.06	44.05	44.05	44.05	46.62	46.30	49.98	60.34	61.20	56.37	49.98	49.98	49.98	47.05	48.33	58.68	54.36	55.01	48.79	44.47	46.92	45.90
1/20/2008	44.05	44.06	44.06	44.06	37.81	44.41	44.05	44.06	49.98	49.98	49.98	50.77	49.98	48.58	49.98	47.44	47.61	58.45	60.62	57.92	52.99	50.13	46.01	45.29
1/21/2008	44.05	44.06	44.06	44.06	44.05	46.54	56.26	66.35	66.35	65.39	62.91	57.76	54.02	54.59	49.98	53.87	53.83	61.85	62.20	60.28	58.95	55.22	48.61	47.03
1/22/2008	45.74	43.33	44.06	42.75	46.56	49.98	58.31	66.35	66.35	60.63	54.59	52.02	53.44	53.82	51.69	53.72	49.55	61.71	61.65	58.04	55.00	49.38	52.73	44.79
1/23/2008	46.26	44.05	45.92	46.44	53.92	53.08	60.70	67.05	67.05	61.48	57.91	54.26	53.49	53.58	57.45	57.78	49.98	59.34	58.79	60.29	57.70	52.40	53.58	47.70
1/24/2008	45.45	44.66	45.23	44.05	51.29	52.58	61.24	66.35	63.82	59.42	57.56	60.05	52.43	51.99	55.82	54.48	49.98	53.58	60.98	55.88	48.86	49.10	48.77	47.12
1/25/2008	42.65	44.06	44.05	44.06	44.05	49.98	56.20	65.59	64.74	62.52	52.46	54.64	49.98	51.64	49.98	53.85	53.78	53.33	49.98	49.98	49.84	52.76	49.98	45.67
1/26/2008	44.05	42.52	43.08	43.47	44.05	43.27	46.26	49.90	51.06	60.50	59.44	55.26	51.24	49.98	47.01	47.38	44.84	51.84	55.09	54.47	51.73	46.88	44.06	42.93
1/27/2008	41.50	36.39	43.25	43.25	43.39	44.69	44.90	49.98	50.87	52.28	49.98	49.98	49.98	49.98	47.79	49.98	49.76	49.98	54.01	49.39	50.62	49.31	49.98	45.42
1/28/2008	43.12	44.05	43.35	44.06	46.80	52.86	54.80	62.06	60.75	59.52	56.13	54.98	53.68	52.05	55.69	56.35	47.00	53.89	62.34	59.02	57.06	49.22	47.71	43.38
1/29/2008	44.63	44.06	44.05	44.05	44.05	45.79	53.78	54.83	53.80	55.22	55.44	55.48	54.46	56.16	51.39	55.01	49.92	51.75	54.56	57.01	56.34	56.13	51.50	43.98
1/30/2008	45.89	46.83	43.67	47.71	50.37	52.87	57.33	63.24	57.77	54.51	54.48	59.37	57.65	59.30	59.07	57.42	47.70	52.00	58.25	54.13	56.34	53.33	48.05	44.06
1/31/2008	44.06	44.05	44.05	44.06	49.94	49.98	57.01	62.45	61.35	59.01	59.39	55.35												

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24	
2/17/2008	42.89	43.97	45.34	43.97	45.75	46.56	47.61	49.89	49.89	49.89	51.07	47.69	49.88	49.89	50.74	49.88	49.48	50.47	57.43	55.78	53.54	49.84	49.88	43.97	
2/18/2008	45.23	43.97	44.00	45.02	47.69	51.16	56.38	57.71	57.40	56.96	56.14	49.50	51.25	53.31	55.82	52.87	49.88	47.64	54.51	58.44	60.22	55.63	49.37	44.14	
2/19/2008	43.97	43.14	43.81	43.97	43.97	51.83	56.36	59.33	56.36	58.23	51.25	57.68	56.66	53.65	52.52	54.62	56.19	51.55	62.80	60.66	61.16	55.19	52.21	43.97	
2/20/2008	46.67	45.64	43.97	43.97	47.37	49.89	55.67	55.83	59.43	58.02	57.94	52.87	52.19	55.76	50.66	53.76	55.23	53.00	58.11	56.73	58.09	55.22	51.32	46.81	
2/21/2008	46.54	45.90	43.97	43.97	49.89	51.80	58.77	64.31	64.50	61.33	59.30	59.81	57.94	52.39	57.89	55.78	53.56	50.70	58.36	59.12	59.99	55.77	51.61	46.62	
2/22/2008	50.98	43.97	43.97	43.97	51.22	49.89	57.37	63.69	59.39	56.51	55.22	49.32	56.58	55.70	55.69	52.21	53.77	47.74	56.87	61.93	56.32	51.52	52.36	46.87	
2/23/2008	43.97	43.97	43.97	43.97	43.97	47.55	49.15	52.92	56.74	57.41	54.04	49.89	49.89	50.17	49.86	49.97	49.88	44.71	49.63	46.75	52.25	49.89	49.88	43.97	
2/24/2008	44.61	43.97	43.97	43.97	43.97	49.88	47.82	49.88	50.92	49.88	49.34	49.88	49.89	44.13	44.24	46.54	47.34	47.00	51.37	55.08	50.96	49.89	45.97	43.97	
2/25/2008	43.97	43.97	43.97	46.31	46.83	51.96	56.24	60.63	58.24	56.40	57.60	49.04	52.17	57.40	53.46	57.28	49.88	47.05	59.41	61.46	62.85	53.28	50.60	46.81	
2/26/2008	43.97	43.34	43.97	46.79	43.97	51.79	55.85	59.70	59.08	56.49	52.89	57.27	58.48	54.82	56.55	56.11	56.60	51.74	59.31	56.25	58.47	55.28	49.89	43.97	
2/27/2008	46.73	43.46	43.97	43.97	46.41	52.06	55.85	58.92	59.28	62.13	59.76	59.20	49.68	53.63	53.08	56.63	57.40	48.82	62.60	60.72	64.90	56.95	52.97	46.95	
2/28/2008	43.97	44.36	43.97	44.86	49.85	52.28	58.62	60.76	59.66	60.58	60.18	56.60	56.55	53.05	59.41	56.20	56.51	47.46	49.88	60.80	59.43	55.54	53.56	43.97	
2/29/2008	46.76	46.65	43.97	43.97	50.90	47.39	55.87	66.22	62.13	61.29	51.46	53.67	56.18	53.22	52.95	55.89	54.05	46.92	54.13	61.96	55.36	49.89	45.65	47.02	
3/1/2008	43.76	45.62	44.90	44.81	45.49	47.67	48.73	48.61	49.90	53.84	50.80	51.26	47.67	47.67	47.67	49.74	47.29	43.56	47.67	43.65	49.97	47.67	48.75	47.31	
3/2/2008	43.37	44.22	44.10	42.71	42.54	47.67	45.55	47.67	49.44	48.99	49.02	47.67	48.84	47.67	47.67	47.67	50.02	49.94	53.28	53.73	51.94	47.67	47.67	42.09	
3/3/2008	42.03	44.66	42.03	42.04	45.20	50.92	50.24	58.96	57.85	57.11	54.07	57.41	50.70	47.67	51.02	52.64	54.95	52.86	59.94	61.32	57.91	52.14	49.27	44.30	
3/4/2008	47.67	42.66	42.43	43.21	42.68	48.32	55.00	56.23	57.03	56.63	53.81	54.52	51.09	48.99	50.62	53.49	49.75	59.97	57.85	57.21	59.36	52.67	50.33	47.67	
3/5/2008	43.73	43.66	42.04	42.04	43.32	47.68	53.31	58.85	57.61	57.28	53.01	53.96	49.43	49.73	50.55	52.86	56.92	57.30	59.27	59.45	56.97	53.09	51.09	47.67	
3/6/2008	45.12	45.98	44.61	45.80	45.93	49.16	56.03	60.09	60.97	55.96	53.22	47.20	47.68	48.40	50.21	49.65	50.79	50.13	59.82	57.84	58.27	54.63	47.68	47.67	
3/7/2008	42.44	41.97	42.03	43.62	48.48	49.44	52.42	47.53	57.12	59.26	51.27	47.67	48.85	47.67	49.03	52.59	49.32	53.27	53.32	57.45	54.00	50.69	47.67	42.03	
3/8/2008	44.89	42.03	45.87	45.47	46.73	47.67	47.62	49.87	50.13	54.18	53.51	50.95	49.48	47.85	50.04	47.68	47.50	47.68	47.67	48.78	51.26	49.61	50.02	44.91	
3/9/2008	42.03	41.75	42.03	42.03	44.50	46.62	46.05	47.67	49.07	49.42	47.67	47.67	47.70	47.67	47.67	45.51	43.96	48.84	47.68	50.79	48.72	42.73	48.95	43.72	
3/10/2008	42.04	41.17	41.29	43.79	42.88	50.66	53.01	57.82	57.82	56.86	56.58	56.51	51.30	50.32	54.61	49.79	53.55	47.67	57.17	55.03	52.98	52.74	50.45	42.03	
3/11/2008	42.04	42.66	42.67	41.11	42.04	49.80	53.66	63.03	58.42	58.38	54.01	57.20	47.67	49.19	47.68	51.69	52.99	54.86	58.46	58.46	56.30	57.06	52.90	47.67	42.70
3/12/2008	42.04	44.47	42.03	42.03	44.85	45.52	50.31	56.52	58.85	56.77	56.68	53.97	54.01	52.22	51.18	56.21	56.50	58.19	58.70	62.19	58.08	48.84	50.61	44.65	
3/13/2008	42.04	42.81	41.56	43.21	42.67	47.50	56.35	58.18	59.15	58.21	60.32	53.72	51.25	55.78	52.82	54.55	56.56	56.99	59.52	60.94	58.71	52.82	50.11	42.34	
3/14/2008	42.04	43.16	42.04	44.96	44.11	49.07	51.68	56.39	59.93	56.21	52.09	52.60	49.96	50.03	54.21	50.34	53.82	50.91	51.89	57.73	51.73	47.67	43.91	42.03	
3/15/2008	42.03	41.12	42.04	41.55	41.95	42.92	42.71	49.88	49.79	50.64	50.07	47.67	49.16	47.67	47.68	47.68	49.49	47.67	48.50	43.46	51.69	47.67	47.67	42.04	
3/16/2008	42.17	40.01	42.04	41.62	42.64	41.17	44.48	47.67	48.51	47.67	47.67	47.67	47.47	45.64	44.36	44.88	47.67	47.68	47.68	58.27	52.80	51.61	45.39	43.41	
3/17/2008	44.71	42.71	42.39	44.58	45.22	53.55	51.22	53.15	53.69	55.28	49.51	54.94	53.89	53.35	54.70	53.56	51.75	45.26	53.28	53.36	55.41	54.02	47.68	45.15	
3/18/2008	43.88	44.80	42.50	42.03	44.86	47.67	52.35	56.87	57.23	59.82	52.20	57.45	47.90	54.14	47.67	56.39	50.85	53.95	50.63	51.87	56.29	51.10	47.59	42.11	
3/19/2008	42.03	42.03	42.03	42.03	42.04	47.67	51.07	56.60	57.07	57.82	55.65	54.12	54.27	53.90	51.73	56.37	53.55	51.38	57.24	57.56	54.51	46.91	47.72	42.79	
3/20/2008	42.70	42.15	42.03	42.03	42.47	47.67	49.84	54.03	55.01	55.55	57.00	51.27	53.36	52.63	53.16	52.55	54.92	54.06	59.16	61.31	56.71	53.24	46.56	46.59	
3/21/2008	47.67	42.23	42.04	45.02	44.15	45.26	51.31	56.57	57.34	60.72	57.72	52.55	50.94	51.99	57.25	53.96	47.67	52.68	53.04	58.61	53.56	47.67	49.09	42.04	
3/22/2008	42.27	42.18	42.67	42.60	41.72	43.27	45.96	49.12	49.28	49.77	49.66	47.67	48.24	47.68	42.04	48.59	48.17	44.93	43.80	44.81	43.69	44.62	45.62	41.07	
3/23/2008	42.06	40.72	41.85	41.13	40.55	41.40	42.03	44.02	47.67	47.43	47.67	42.04	42.03	42.03	42.03	42.03	44.84	44.79	41.97	47.67	48.38	42.67	44.29	43.44	
3/24/2008	42.37	42.15	42.62	42.03	41.63	43.75	49.53	51.44	53.40	55.65	53.72	57.47	52.48	52.13	55.73	54.55	54.39	47.67	50.36	55.31	58.26	50.83	49.27	42.04	
3/25/2008	43.20	42.30	40.95	41.08	42.19	45.50	47.67	54.40	55.63	50.86	55.27	60.45	47.67	50.43	53.25	54.12	53.57	48.75	46.00	50.56	55.70	50.45	47.67	43.58	
3/26/2008	42.23	42.03	42.04	40.44	42.04	48.18	50.18	53.80	55.18	56.45	57.56	56.19	56.33	55.35	53.07	57.63	50.60	47.67	45.52	58.21	57.62	51.11	43.83	41.25	
3/27/2008	45.29	42.03	42.19	41.35	42.40	44.13	49.74	48.17	55.95	60.18	56.59	56.13	56.78	55.26	55.25	53.21	51.11	53.25	47.96	57.87	55.99	50.86	47.93	42.03	
3/28/2008	45.31	42.34	42.03	42.03	44.54	43.23	48.19	50.48	50.79	55.91	51.83	53.27	51.55	49.97	55.05	51.86	47.67	47.67	42.75	55.36	49.87	47.60	43.07	42.03	
3/29/2008	40.68	41.51	43.19	42.03	42.17	43.69	42.07	46.51	47.67	48.22	47.68	42.65	42.04	42.30	44.36	42.03	42.04	42.04	42.03	42.70	47.08	48.55	42.04	42.04	
3/30/2008	41.30	40.98	42.04	40.68	41.20	41.51	41.15	41.19	44.51	45.57	47.67	42.71	44.32	42.03	42.03	42.03	42.03	41.09	40.92	42.04	48.22	42.03	41.63	42.03	
3/31/2008	43.66	42.23	41.88	42.42	41.28	42.71	49.84	53.04	50.98	56.86	57.10	56.47	54.05	53.21	55.88	54.30	50.37	45.18	42.03	47.99	56.28	48.20	49.58	42.04	
4/1/2008	38.88	38.88	38.87	38.27	38.47	42.15	46.97	52.39	50.77	46.79	44.06	48.05	44.06	41.92	42.12	46.87	40.86	43.12	45.14	49.46	46.16	43.27	41.38	38.14	
4/2/2008	39.46	39.37	39.31	39.37	38.19	39.63	45.51	53.97	46.55	52.41	51.32	43.55	44.50	39.45	46.69	49.80	49.25	49.63	45.64	52.74	51.79	44.57	38.87	39.06	
4/3/2008	39.40	38.97	38.75	38.88	40.29	42.30	49.67	51.18	48.14	46.07	47.55	42.50	45.7												

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
4/20/2008	38.09	38.88	36.94	37.90	38.88	38.74	38.88	39.04	38.88	39.86	40.29	41.48	39.28	39.09	39.19	40.02	39.30	45.38	37.63	38.88	43.17	42.93	38.88	38.88
4/21/2008	38.88	39.45	38.14	39.27	39.97	41.98	44.07	48.97	50.57	49.77	50.24	44.06	46.63	49.84	51.00	50.22	50.74	48.85	45.37	44.06	50.05	46.54	42.50	38.88
4/22/2008	39.50	39.04	39.37	39.05	38.88	42.92	44.06	46.29	47.31	52.57	52.67	47.14	47.48	49.34	53.09	50.93	52.41	51.13	45.99	40.12	51.96	43.81	42.10	39.01
4/23/2008	39.35	39.21	38.88	38.88	38.88	44.07	44.09	47.64	49.73	49.57	48.98	47.93	39.41	52.25	52.21	52.00	51.27	50.61	40.31	39.38	46.48	45.62	42.46	41.54
4/24/2008	39.33	38.88	38.88	38.44	38.88	44.06	44.07	51.08	45.25	47.71	48.25	42.03	44.06	44.21	50.06	50.07	49.81	47.33	44.06	38.88	48.44	40.61	41.94	39.11
4/25/2008	40.68	38.60	39.10	38.88	39.04	39.36	44.07	47.02	46.87	50.03	47.67	44.07	44.06	46.48	47.66	51.18	47.94	44.67	42.64	39.52	44.06	42.91	42.60	40.34
4/26/2008	39.26	38.20	38.88	38.00	37.64	38.02	38.88	38.10	39.49	43.18	46.07	46.11	50.07	45.63	45.57	46.67	49.58	44.45	38.88	39.32	42.18	41.55	39.11	38.88
4/27/2008	38.88	38.70	37.45	36.93	37.24	38.88	38.88	37.86	38.02	41.59	38.98	39.45	40.04	43.03	43.17	43.26	45.62	46.12	39.06	39.13	44.07	43.01	39.31	38.88
4/28/2008	38.88	39.42	38.88	37.71	39.46	41.16	45.27	46.49	52.70	53.30	42.06	51.11	52.91	52.75	54.41	54.68	55.69	54.19	50.20	44.06	51.14	47.67	43.05	38.88
4/29/2008	38.88	38.88	39.45	38.88	38.69	40.28	44.06	44.06	50.25	49.26	51.35	51.11	51.60	52.63	54.19	55.34	58.51	52.47	47.86	41.83	51.34	46.50	41.55	38.88
4/30/2008	44.06	41.06	38.99	38.88	38.88	42.04	44.59	49.01	50.61	51.63	52.73	51.28	53.17	53.56	54.43	55.35	57.12	54.19	49.10	38.88	49.90	50.72	45.51	39.34
5/1/2008	36.24	33.15	31.95	32.95	36.63	38.80	38.80	41.32	40.94	41.01	38.80	38.24	36.32	37.94	37.78	34.49	38.80	38.80	38.80	37.32	38.80	38.80	37.80	36.98
5/2/2008	36.77	25.46	23.69	25.85	37.11	39.38	38.07	43.98	41.01	42.41	41.59	38.80	37.44	35.96	33.82	25.01	36.65	40.05	41.02	41.47	41.96	43.98	43.98	38.38
5/3/2008	33.84	19.46	34.23	26.00	31.85	32.76	36.25	36.38	37.28	38.80	39.02	38.80	38.80	38.72	36.85	25.32	25.85	36.86	37.20	38.80	36.57	38.30	38.02	38.16
5/4/2008	35.38	31.53	19.46	19.99	19.46	20.39	34.84	37.32	39.09	39.63	38.02	38.52	37.57	38.49	36.33	36.42	36.45	37.45	36.43	36.54	37.73	38.80	36.84	38.80
5/5/2008	34.64	25.79	20.33	32.86	36.58	38.80	38.80	46.41	41.34	45.87	47.33	50.11	39.80	39.26	38.80	38.80	38.80	40.25	43.17	40.54	43.13	39.30	38.80	36.84
5/6/2008	36.61	25.13	23.28	24.94	36.26	38.42	38.80	42.00	43.98	45.34	43.95	43.98	39.39	39.06	38.80	38.80	38.35	38.81	39.58	39.48	43.15	38.80	38.80	36.21
5/7/2008	38.80	34.09	19.46	22.84	33.92	38.80	40.17	43.17	44.21	45.41	48.73	41.97	43.86	38.80	38.80	38.80	38.84	41.98	38.80	39.08	41.16	38.80	38.80	38.71
5/8/2008	37.48	31.62	24.78	25.49	32.85	38.80	35.61	42.37	46.82	43.98	47.76	47.59	42.10	38.80	38.80	38.80	38.80	38.87	39.57	38.80	42.18	38.80	38.59	38.80
5/9/2008	37.82	28.49	19.46	12.22	38.32	39.10	41.56	53.63	54.74	52.78	50.87	51.70	50.85	50.42	41.67	49.59	43.98	38.80	38.80	38.80	39.10	38.80	38.80	37.23
5/10/2008	36.89	36.35	24.23	19.46	31.06	34.50	36.67	38.65	38.48	41.72	40.28	39.64	38.80	37.99	22.86	20.21	20.41	44.17	40.41	45.74	43.19	39.50	36.60	33.49
5/11/2008	34.25	33.03	32.71	19.46	19.90	32.99	35.83	36.35	38.80	38.80	38.80	38.80	37.89	38.80	38.56	33.53	21.21	38.80	38.80	36.09	38.80	38.80	37.91	38.80
5/12/2008	36.25	31.11	19.46	21.49	37.17	38.59	38.20	38.80	38.80	42.13	46.56	46.79	38.80	39.60	38.80	38.80	39.33	49.53	47.39	41.92	45.53	38.81	36.98	36.61
5/13/2008	35.98	30.62	23.88	25.24	34.84	37.43	38.53	39.53	41.87	43.11	45.07	43.98	43.74	39.12	38.80	38.25	38.80	39.24	43.39	38.80	39.10	38.82	38.80	37.34
5/14/2008	36.40	34.86	20.39	22.65	34.56	38.97	38.80	41.91	44.41	44.18	45.34	45.42	38.80	38.94	38.80	38.80	39.41	46.92	43.73	39.10	43.33	41.93	38.80	38.10
5/15/2008	37.08	32.68	23.60	34.74	36.61	38.80	39.07	39.35	41.18	40.68	45.78	42.15	19.46	50.22	51.94	48.57	43.98	48.83	48.56	43.88	42.99	43.98	41.66	39.25
5/16/2008	37.79	37.44	22.53	22.52	34.75	38.80	38.80	38.80	40.34	39.02	46.28	40.04	38.80	38.80	38.05	38.23	38.80	38.86	39.25	38.80	38.80	38.80	38.80	38.80
5/17/2008	38.11	35.46	32.24	21.92	30.21	33.23	37.41	38.11	38.80	38.80	41.76	38.80	38.80	38.24	37.77	19.46	19.52	38.08	42.13	38.12	38.06	37.88	38.11	37.69
5/18/2008	37.29	36.93	34.54	24.25	26.06	21.66	35.43	37.42	38.80	38.80	38.80	39.02	38.80	38.80	38.80	37.94	36.03	38.80	38.80	38.80	38.69	38.80	37.79	38.80
5/19/2008	37.02	23.52	19.46	21.87	33.58	37.12	37.01	38.80	38.80	39.23	43.98	43.98	39.45	39.22	38.80	38.80	38.80	39.34	40.17	38.80	39.01	39.44	38.14	38.80
5/20/2008	38.80	25.52	19.46	22.13	35.72	37.30	38.80	38.80	39.43	44.95	48.68	48.93	43.98	39.41	39.39	38.89	45.03	48.96	41.30	39.31	39.43	38.90	38.80	38.80
5/21/2008	37.82	37.33	21.53	19.46	36.45	38.80	38.80	39.03	39.15	41.71	44.96	41.22	39.04	38.80	38.80	38.80	39.01	40.25	39.18	38.80	38.80	38.98	38.80	38.80
5/22/2008	36.74	35.10	19.46	22.54	33.75	38.07	38.80	38.80	44.83	46.75	50.58	50.90	51.27	45.59	39.28	38.80	38.81	39.37	39.55	38.80	38.80	38.80	38.80	38.80
5/23/2008	37.17	36.26	36.29	23.15	34.75	36.78	38.80	38.80	39.34	43.98	43.99	40.37	39.12	38.80	38.80	38.80	38.80	38.80	38.80	38.80	38.80	38.80	39.44	36.95
5/24/2008	37.41	29.11	36.44	23.21	30.27	32.40	36.27	37.95	37.56	38.80	39.36	45.07	38.92	38.80	24.90	19.46	34.15	42.53	45.98	36.37	34.89	40.46	39.17	39.04
5/25/2008	36.50	34.71	36.25	23.99	33.00	19.46	34.59	37.36	38.80	33.93	38.80	38.89	39.45	38.80	38.36	38.33	38.80	38.66	38.80	31.06	38.46	39.32	38.80	38.80
5/26/2008	36.85	30.30	20.15	20.21	33.23	36.44	38.35	38.80	38.80	40.98	47.16	42.13	39.45	39.66	38.80	38.80	40.17	50.08	41.13	38.80	38.80	38.80	38.80	36.74
5/27/2008	37.95	33.88	20.38	20.14	25.67	33.16	38.80	38.80	39.42	41.12	49.50	49.09	40.29	43.98	41.96	40.85	41.60	45.65	42.02	38.80	38.80	38.80	38.80	36.68
5/28/2008	36.72	36.18	35.09	20.23	33.25	38.80	38.80	39.20	40.13	41.88	52.96	50.23	41.30	40.36	39.11	38.85	39.84	50.81	40.46	38.97	39.49	39.08	38.80	37.01
5/29/2008	37.98	29.93	24.11	22.29	30.28	36.27	38.80	38.80	43.98	49.04	52.00	50.77	50.14	43.98	38.84	38.80	38.80	43.98	43.92	38.80	38.80	39.10	38.80	38.80
5/30/2008	38.10	36.46	25.84	23.94	35.78	37.14	38.80	39.24	39.10	45.43	49.02	44.20	39.99	39.15	38.80	38.80	39.02	38.80	39.39	38.80	38.80	38.80	38.80	37.32
5/31/2008	37.88	37.05	25.65	20.37	23.28	31.51	37.12	38.80	38.80	38.96	43.98	43.77	38.80	38.80	22.76	21.38	43.98	45.98	42.96	25.84	34.62	39.26	34.83	39.49
6/1/2008	19.93	19.46	19.46	19.46	19.46	19.46	21.05	36.62	36.81	39.62	39.53	40.44	40.15	31.09	20.33	19.46	19.46	20.28	37.74	37.12	23.92	38.66	37.10	35.39
6/2/2008	27.41	19.88	19.46	19.46	19.53	25.52	38.25	39.30	41.72	49.73	50.20	52.51	51.75	49.94	33.89	39.06	40.85	50.89	39.75	48.85	43.84	42.50	33.98	37.08
6/3/2008	21.58	19.46	17.18	14.96	14.66	24.96	37.93	40.39	42.94	49.09	50.79	52.08	47.84	50.49	35.71	35.22	37.37	51.77	51.16	44.01	42.46	41.08	30.91	35.66
6/4/2008	23.37	19.61	19.46	19.46	19.46	25.84	39.89	46.79	50.72	52.04	58.29	53.93	54.57	37.99	24.12	20.06	25.82	37.72	37.99	37.76	37.71	42.75	35.84	25.82
6/5/2008	19.67	18.17	16.06	17.20	14.72	26.83	36.17	44.77	47.24	50.60	53.27	38.15	39.82	29.70</										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
6/22/2008	31.96	20.35	19.46	19.46	16.93	17.45	20.10	36.01	36.65	36.83	38.79	33.03	41.63	25.84	23.00	20.20	20.00	32.18	33.90	29.94	20.99	38.08	37.51	36.57
6/23/2008	34.35	22.05	20.22	20.12	22.12	32.76	40.79	45.76	48.46	50.92	52.09	55.57	56.18	55.25	57.06	52.89	48.65	56.18	49.76	44.49	33.30	43.70	37.93	38.56
6/24/2008	36.59	24.29	20.89	19.91	19.75	25.41	40.18	42.62	47.50	51.86	53.96	55.59	55.88	57.09	38.73	37.72	38.05	38.73	38.73	37.72	33.13	38.16	38.08	29.53
6/25/2008	22.08	19.46	19.46	14.94	15.11	20.20	38.07	38.73	38.73	51.54	53.44	52.32	41.03	38.73	38.73	34.26	35.07	47.24	55.26	47.86	38.13	41.57	25.73	33.43
6/26/2008	25.69	20.36	19.50	19.46	19.82	25.79	41.24	46.02	40.32	52.19	55.06	47.56	44.25	45.16	33.89	23.71	38.14	48.26	56.20	38.73	37.82	38.04	38.73	38.09
6/27/2008	23.72	19.46	19.46	18.59	16.46	19.56	36.43	32.52	38.73	39.76	38.73	38.73	38.73	38.73	37.81	25.07	38.30	38.64	38.73	30.48	47.25	40.70	38.09	35.25
6/28/2008	34.85	22.33	20.15	19.97	19.62	19.59	25.15	36.79	39.56	39.03	43.63	41.89	41.68	24.52	22.43	19.88	20.13	30.70	46.66	23.79	24.97	41.19	37.26	37.81
6/29/2008	34.25	23.31	20.19	19.61	19.46	19.46	21.27	37.10	39.06	41.40	37.44	39.68	25.59	32.73	25.47	21.84	28.18	38.88	38.87	38.09	29.16	45.98	39.93	35.81
6/30/2008	33.69	25.46	21.93	21.42	24.12	35.26	42.32	45.52	50.83	50.13	55.61	55.42	56.60	47.40	52.86	48.84	53.07	55.75	57.14	53.66	44.67	48.08	43.16	38.10
7/1/2008	42.19	36.62	37.91	37.18	37.98	38.65	38.91	43.81	47.13	48.69	50.66	52.10	51.48	39.87	39.25	39.31	39.23	46.39	39.22	39.28	39.06	43.81	40.77	38.96
7/2/2008	38.66	37.50	38.13	37.84	38.66	38.65	39.21	42.98	46.69	51.50	52.29	53.20	55.25	39.79	38.66	38.66	38.66	38.94	40.00	41.72	41.21	40.15	39.90	39.05
7/3/2008	38.66	38.66	36.24	38.65	38.65	38.66	39.92	43.81	45.99	49.13	51.97	52.63	46.27	40.82	38.97	38.66	38.77	39.15	40.06	40.01	40.02	46.72	39.30	39.29
7/4/2008	38.71	38.65	37.25	38.65	37.67	37.74	38.65	40.75	47.34	49.44	50.72	48.01	49.05	39.24	38.79	38.66	39.24	43.81	40.11	39.63	39.52	39.20	39.22	38.66
7/5/2008	37.76	38.65	37.67	36.67	37.48	37.05	38.66	38.22	38.69	38.78	44.98	41.84	39.50	38.66	38.65	38.65	38.66	38.68	38.65	39.16	39.02	39.75	38.75	38.65
7/6/2008	36.86	37.75	37.00	37.87	36.69	37.83	37.15	37.76	38.66	38.65	38.71	41.16	43.81	39.14	38.65	38.65	38.00	38.66	38.92	38.66	38.65	38.66	38.66	38.65
7/7/2008	38.06	36.26	36.34	37.08	38.17	38.65	39.23	42.34	46.60	49.40	52.70	53.00	58.18	50.97	47.30	39.16	40.49	51.51	41.67	49.97	40.07	46.35	42.94	40.04
7/8/2008	38.66	38.65	37.31	36.93	36.21	38.66	39.19	41.25	45.66	49.69	50.74	53.36	51.17	43.35	39.30	39.20	38.66	51.52	43.80	41.57	39.94	47.13	41.83	38.89
7/9/2008	38.66	37.31	38.66	38.65	38.51	39.08	39.57	44.27	46.84	51.73	54.76	54.95	55.35	46.90	39.34	38.66	39.24	50.70	52.78	47.85	41.02	49.38	39.88	39.06
7/10/2008	38.66	38.66	37.71	38.12	37.96	38.66	39.97	40.12	45.71	51.59	50.64	54.05	52.41	43.81	39.23	38.99	39.31	43.89	51.48	41.06	45.70	43.81	38.66	41.07
7/11/2008	39.13	38.65	38.65	36.68	38.66	38.65	40.24	41.59	43.08	52.17	52.17	53.83	51.72	43.81	40.66	38.87	38.66	41.60	46.55	40.86	38.79	39.60	39.58	39.23
7/12/2008	38.65	37.36	37.60	38.19	38.65	38.66	37.40	37.54	39.21	43.81	47.78	51.77	43.36	38.71	38.66	38.65	38.65	38.66	38.72	41.40	38.92	39.66	39.08	39.28
7/13/2008	37.46	37.90	37.87	37.67	37.91	36.19	36.81	38.66	38.92	38.66	39.00	41.90	40.89	39.61	38.66	38.74	38.66	38.66	43.81	39.13	38.66	43.81	38.91	38.65
7/14/2008	38.66	38.65	38.65	37.34	36.11	38.66	42.42	43.81	45.32	51.62	53.52	54.57	55.12	55.54	50.54	43.81	43.81	52.11	49.37	45.52	43.81	47.47	41.72	40.12
7/15/2008	39.10	38.91	36.73	37.68	38.66	38.69	40.66	45.76	43.81	49.36	51.15	53.73	54.81	50.28	41.17	39.55	45.94	55.17	49.57	50.51	41.17	49.23	40.07	39.24
7/16/2008	38.87	38.66	37.54	37.95	38.44	38.66	40.32	45.76	43.81	49.53	51.71	53.25	56.29	50.36	39.39	39.19	39.32	43.81	39.25	39.47	39.16	45.77	38.32	38.92
7/17/2008	38.66	38.66	38.66	38.66	38.66	39.27	39.78	40.86	45.02	51.00	54.63	54.22	53.04	47.51	40.74	39.53	41.45	54.79	52.47	50.08	50.41	49.19	45.80	40.80
7/18/2008	39.43	38.66	37.65	38.55	38.65	38.66	38.80	43.81	45.37	48.21	50.83	52.53	52.33	48.87	43.81	40.93	39.76	45.24	55.06	52.83	39.33	40.14	39.30	40.66
7/19/2008	38.74	38.68	37.40	36.80	36.27	37.92	37.02	38.65	39.16	42.82	43.56	46.08	40.79	39.86	38.73	38.01	38.66	38.65	38.98	40.11	39.13	43.35	39.51	39.30
7/20/2008	38.65	38.78	36.78	37.61	37.66	36.05	36.83	39.38	38.66	39.27	43.81	43.81	43.81	39.42	38.66	38.66	38.20	38.65	40.43	41.05	39.06	41.96	40.05	38.87
7/21/2008	38.66	37.90	38.65	35.86	38.66	38.66	40.12	43.81	45.09	52.54	52.65	58.17	56.32	55.15	51.60	43.81	51.38	53.01	54.55	50.69	52.10	50.58	42.03	40.04
7/22/2008	39.09	38.65	38.27	38.65	38.66	38.66	43.81	43.81	43.81	51.09	51.98	52.23	51.81	43.81	38.99	39.27	40.83	47.77	48.32	50.40	40.08	49.66	45.13	41.65
7/23/2008	38.96	38.54	38.65	37.87	37.73	39.30	40.61	43.81	50.45	53.60	53.78	54.52	53.88	51.65	40.19	39.05	40.06	47.89	47.35	43.81	43.81	50.15	39.46	38.83
7/24/2008	38.73	38.66	38.65	37.87	37.86	38.73	39.31	43.81	40.46	47.11	50.42	52.05	52.14	45.83	40.23	38.99	39.93	52.30	41.32	47.93	39.08	50.91	41.83	39.21
7/25/2008	39.17	38.65	37.42	38.30	37.75	39.04	43.81	47.50	48.63	51.96	55.28	56.20	54.48	53.26	41.63	39.33	40.69	43.81	49.78	40.26	40.89	43.08	40.83	40.13
7/26/2008	38.68	38.84	36.67	38.65	37.98	38.65	38.52	38.65	39.30	43.74	45.49	49.01	40.60	39.01	38.66	37.79	38.66	38.66	39.01	38.83	39.24	45.06	39.11	38.65
7/27/2008	37.65	38.66	38.04	36.26	37.73	37.01	36.65	38.65	38.66	39.12	39.75	42.39	40.01	40.97	38.66	38.66	38.66	38.66	39.59	41.46	40.52	46.57	39.39	38.67
7/28/2008	39.24	38.88	38.66	38.59	38.65	38.66	40.68	47.37	43.81	51.14	54.25	58.17	55.53	54.49	38.65	38.66	49.66	55.55	55.31	50.52	44.80	50.75	42.85	40.25
7/29/2008	39.53	38.81	37.78	37.06	37.48	38.66	40.22	46.37	45.81	50.81	55.79	55.01	54.91	51.62	38.86	43.81	38.66	54.71	50.93	46.48	47.87	50.53	43.81	41.22
7/30/2008	38.88	38.65	37.41	36.59	38.27	39.31	43.81	45.75	47.23	52.49	56.24	55.69	55.10	49.56	43.81	39.54	38.82	56.14	51.53	51.51	50.94	50.13	40.83	39.52
7/31/2008	38.66	38.65	36.99	37.79	38.01	38.66	39.28	41.11	41.43	48.00	47.99	45.62	48.53	43.81	38.65	38.95	38.66	37.95	46.44	47.07	40.97	48.92	39.62	39.40
8/1/2008	51.42	51.80	42.61	46.17	49.14	52.52	50.68	51.82	51.68	53.76	57.46	56.45	56.82	53.77	40.17	53.76	53.77	57.02	56.42	52.91	53.76	53.65	51.43	48.67
8/2/2008	48.46	51.74	50.80	48.65	40.15	41.15	48.46	49.52	50.63	51.88	52.38	50.24	53.30	52.33	51.81	51.23	49.32	53.67	50.63	52.86	50.92	51.01	48.41	48.69
8/3/2008	43.73	41.83	41.42	43.72	43.73	43.72	41.61	45.59	48.67	49.24	50.73	50.67	51.66	51.38	51.59	51.62	51.36	52.61	52.62	53.77	49.43	51.74	46.92	46.33
8/4/2008	45.14	42.62	41.77	41.75	43.39	54.18	52.88	52.09	52.35	52.96	56.57	58.06	57.08	56.97	43.73	43.73	58.67	58.10	58.54	57.14	55.13	52.47	50.82	52.46
8/5/2008	52.39	38.87	46.19	43.50	45.60	52.08	53.18	51.97	52.66	52.89	57.53	58.27	58.20	53.77	43.72	49.75	43.73	58.04	56.87	55.04	56.64	53.31	51.98	50.87
8/6/2008	51.92	51.93	41.85	44.70	46.79	52.64	52.12	51.77	52.40	53.76	55.44	58.06	58.09	53.54	51.78	50.46	43.91	55.49	58.06	56.13	58.67	54.25	53.29	51.28
8/7/2008	51.05	43.97	42.98	41.43	43.72	51.48	51.08	52.53	53.07	53.48	57.07	57.76	57.21	55.99										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
8/24/2008	46.84	43.73	43.72	43.72	42.92	43.72	41.48	48.39	45.52	50.56	49.51	49.39	50.47	49.05	47.21	43.73	47.86	48.27	49.84	50.15	49.18	47.84	47.59	42.36
8/25/2008	43.73	41.20	39.02	41.83	43.73	47.53	48.68	48.70	50.17	49.77	51.28	50.73	51.31	49.94	43.73	43.73	54.71	54.76	54.13	56.24	55.46	51.72	48.94	47.51
8/26/2008	49.45	42.99	44.25	41.35	44.63	51.46	50.45	53.53	51.77	51.76	53.76	52.87	51.97	51.11	49.55	43.72	51.25	51.59	54.84	56.53	54.81	52.69	50.99	46.57
8/27/2008	50.10	50.54	41.15	39.10	47.19	51.47	51.65	51.92	54.01	52.52	53.96	53.95	53.77	49.46	41.04	19.93	37.63	55.19	56.26	58.08	57.00	52.61	51.04	48.95
8/28/2008	54.82	52.42	46.47	42.85	47.14	53.75	51.63	51.63	51.61	52.55	55.75	56.37	57.03	38.64	38.58	41.77	39.23	53.91	58.06	58.06	56.80	52.46	51.78	49.83
8/29/2008	51.47	46.18	43.72	45.96	46.15	51.39	51.74	51.51	52.04	53.77	58.22	56.78	58.06	58.06	38.99	41.25	55.48	56.70	54.80	55.36	51.58	52.83	50.79	48.97
8/30/2008	46.30	45.46	46.71	43.62	43.72	46.25	46.74	46.86	48.78	49.96	51.76	52.06	50.64	51.29	47.12	43.72	46.03	49.88	50.83	52.65	52.07	49.64	48.18	46.48
8/31/2008	42.77	44.95	40.13	43.73	38.92	43.72	43.90	48.34	48.99	46.59	48.91	49.44	52.85	49.35	43.73	43.72	43.73	43.73	49.78	52.53	49.05	48.94	46.61	43.73
9/1/2008	53.66	51.29	47.59	46.44	48.93	53.65	57.95	58.07	57.95	57.95	56.77	57.95	61.64	55.06	55.79	57.95	55.84	57.95	57.28	57.10	59.50	57.95	51.59	53.84
9/2/2008	57.95	51.95	48.74	44.35	48.52	57.19	53.66	55.03	58.55	55.51	56.09	58.01	57.38	57.92	57.95	53.09	55.37	58.41	57.95	57.13	56.90	55.69	52.98	51.24
9/3/2008	56.09	53.66	50.98	50.64	52.98	55.64	56.84	57.95	55.12	56.14	57.95	60.05	58.48	58.03	54.77	55.37	57.10	56.58	58.02	58.55	58.55	52.84	53.40	53.65
9/4/2008	55.59	53.65	52.07	50.29	53.07	57.95	53.82	55.32	57.95	56.64	57.26	59.81	56.43	53.66	51.42	38.51	63.58	58.93	63.50	63.30	62.76	61.17	58.55	53.04
9/5/2008	57.95	54.62	50.55	49.50	52.17	52.32	55.32	53.89	58.55	56.66	63.38	57.95	58.19	56.69	57.01	55.69	55.79	58.36	57.95	55.66	53.87	53.00	51.91	51.81
9/6/2008	53.46	53.68	52.12	48.93	51.05	52.41	53.66	51.87	52.16	55.19	53.82	56.55	53.82	52.29	53.66	53.65	53.71	53.66	53.65	55.74	52.30	52.30	51.97	52.84
9/7/2008	52.32	46.73	51.12	46.71	43.51	48.95	49.02	53.65	52.34	51.61	53.90	52.00	52.92	51.65	52.81	53.47	50.93	51.90	52.64	53.80	53.57	51.93	53.66	48.34
9/8/2008	53.62	49.89	43.64	45.70	48.11	53.19	56.05	51.61	57.95	57.95	51.16	55.93	54.47	55.48	53.88	53.66	57.95	57.95	57.95	57.95	55.67	52.55	53.48	53.21
9/9/2008	53.66	51.51	46.25	46.85	49.65	53.88	55.76	53.66	57.95	57.95	57.95	56.20	56.99	57.95	55.40	56.43	56.47	58.10	53.86	56.22	57.95	53.66	52.31	53.65
9/10/2008	53.66	53.65	51.46	50.03	51.62	54.16	54.64	53.68	55.96	54.64	57.95	58.14	58.19	57.95	55.78	55.86	57.95	56.37	57.95	56.85	57.95	53.66	53.82	52.81
9/11/2008	52.46	52.78	50.99	58.55	50.39	53.55	53.85	57.95	57.95	55.78	57.11	57.95	58.44	53.66	51.00	49.03	52.52	57.95	56.56	58.55	57.95	52.82	51.90	53.65
9/12/2008	53.10	50.58	46.96	48.61	48.28	53.02	53.85	57.95	57.95	57.95	57.95	57.95	56.85	57.01	52.73	49.32	53.65	56.36	53.66	54.63	52.74	52.10	52.14	50.94
9/13/2008	52.22	51.38	48.74	47.56	46.02	48.93	52.03	53.66	53.65	53.85	52.32	52.16	51.73	50.44	51.81	51.71	51.83	51.72	52.19	52.81	53.05	51.74	51.04	49.69
9/14/2008	46.04	50.76	46.37	44.04	44.60	47.34	46.07	49.43	53.11	52.17	53.48	54.35	51.66	52.07	53.13	51.99	51.54	53.09	52.16	52.56	58.34	53.84	52.65	51.76
9/15/2008	50.52	47.08	43.64	43.64	44.53	51.82	57.95	53.66	56.45	53.87	53.65	53.90	53.75	57.08	55.18	53.84	58.07	56.05	56.28	57.95	54.87	52.18	53.79	50.16
9/16/2008	53.40	49.75	46.00	44.21	48.97	51.93	55.14	53.62	53.84	53.86	57.95	55.92	56.50	56.32	55.59	55.66	57.95	56.70	57.64	57.42	57.95	51.89	52.31	52.97
9/17/2008	53.66	50.45	48.75	46.16	49.69	53.15	53.71	57.95	53.01	52.27	56.27	57.95	56.39	56.55	53.77	53.88	57.95	55.40	57.95	63.97	55.34	53.45	51.88	51.55
9/18/2008	50.65	51.14	48.75	46.29	50.72	57.15	53.66	53.66	58.22	54.59	53.72	52.46	53.66	53.66	50.60	48.25	49.74	52.59	58.55	57.73	58.55	53.51	51.61	51.55
9/19/2008	50.96	50.30	46.13	44.13	47.95	55.55	54.11	53.66	57.95	58.55	55.95	53.24	50.05	51.86	49.07	48.15	52.33	52.09	53.91	53.19	53.66	52.68	53.11	53.29
9/20/2008	53.36	50.32	48.36	46.01	46.02	48.60	52.52	53.69	53.41	52.33	55.77	53.77	49.81	48.04	49.78	48.19	51.58	48.64	52.78	52.31	52.25	51.97	51.37	48.29
9/21/2008	50.08	49.22	43.79	44.29	43.64	47.06	48.49	50.77	52.06	53.46	51.68	52.58	51.11	51.44	50.67	52.04	52.01	51.71	51.32	52.94	53.85	53.67	52.12	46.18
9/22/2008	50.67	43.91	43.98	42.72	48.90	55.30	53.86	57.95	58.55	58.55	58.32	53.86	52.89	54.67	54.15	53.65	53.65	53.58	57.93	58.55	53.66	51.78	53.37	52.89
9/23/2008	51.49	49.48	47.37	44.16	51.89	53.87	53.83	57.95	56.35	53.63	53.77	52.37	52.76	53.33	53.75	52.97	53.74	53.27	57.00	57.95	54.66	53.66	53.80	51.85
9/24/2008	52.20	50.23	47.52	45.71	49.81	54.82	51.96	54.49	53.19	52.81	53.42	53.39	53.66	54.84	53.89	53.63	53.66	51.68	56.66	63.34	57.95	52.96	52.49	47.91
9/25/2008	53.04	49.73	46.35	46.28	50.56	52.90	52.79	57.06	56.09	53.66	53.24	52.17	51.40	49.82	45.50	43.64	48.82	50.18	55.06	57.63	57.95	51.26	52.65	49.30
9/26/2008	52.36	49.24	42.61	44.94	48.97	55.48	53.28	56.08	57.95	55.77	55.93	53.17	52.11	49.23	43.64	43.09	44.81	49.61	56.04	55.45	53.26	53.19	51.07	49.52
9/27/2008	46.66	50.28	44.66	44.52	44.05	49.37	52.93	53.66	50.29	53.30	53.15	50.01	46.87	47.05	47.51	46.86	46.27	47.00	53.66	55.16	53.76	49.73	52.01	48.49
9/28/2008	48.31	46.60	43.64	43.59	42.48	45.95	46.43	51.74	49.12	53.02	49.65	50.80	53.95	49.89	49.34	48.26	50.02	48.98	52.50	55.26	55.50	51.88	49.48	48.78
9/29/2008	48.74	42.91	43.73	42.02	48.68	53.83	57.95	55.70	58.55	58.21	57.95	50.38	51.98	54.12	51.99	52.01	52.36	52.05	57.95	63.37	57.95	52.81	53.65	48.14
9/30/2008	49.43	46.15	45.42	44.63	49.09	53.65	52.84	56.45	57.95	56.78	54.09	52.03	53.66	51.97	52.72	50.00	53.65	51.03	62.42	63.59	57.10	53.86	51.47	49.51
10/1/2008	46.16	45.46	40.07	38.96	43.56	49.44	52.14	57.34	51.43	53.79	56.37	57.84	57.84	57.84	57.84	57.84	57.84	58.44	57.84	62.91	58.44	53.65	51.40	49.80
10/2/2008	45.89	44.88	41.58	44.22	42.54	51.43	52.31	57.99	57.84	57.84	56.10	55.20	55.00	54.28	53.55	54.49	57.84	54.76	55.01	56.16	54.56	52.70	49.96	49.07
10/3/2008	47.74	43.55	44.00	43.56	42.55	47.61	52.36	57.84	58.13	58.44	57.36	55.59	53.54	53.76	53.55	52.63	51.40	53.56	53.55	54.79	52.30	51.42	50.52	50.24
10/4/2008	43.56	46.61	40.87	38.43	42.05	45.56	49.36	51.72	53.32	53.68	55.64	58.03	52.31	52.57	51.44	51.17	51.21	52.17	53.77	53.18	55.61	49.75	50.28	43.90
10/5/2008	42.82	39.10	38.43	38.43	38.43	44.74	46.02	47.33	47.83	46.79	51.80	52.49	52.41	51.90	54.75	52.42	52.27	51.42	54.69	58.44	58.44	53.16	48.88	45.44
10/6/2008	45.33	38.43	38.43	40.84	43.55	51.55	53.55	57.84	56.68	54.60	55.02	53.77	54.38	55.18	55.40	52.46	55.79	55.21	56.19	58.33	53.73	53.55	48.82	47.18
10/7/2008	44.81	39.05	43.23	43.55	45.07	50.55	50.71	57.84	52.92	53.64	53.55	53.55	53.55	53.78	56.37	53.63	55.87	57.84	56.19	58.26	53.57	53.27	51.52	49.21
10/8/2008	43.56	45.38	38.43	46.05	44.89	51.17	53.55	57.84	57.84	53.55	53.55	53.04	54.44	53.75	54.62	54.74	53.55	54.20	56.30	56.23	54.43	52.25	51.21	43.55
10/9/2008	48.80	41.53	43.55	43.56	45.14	48.75	51.45	53.55	57.84	53.55	53.55	51.94	53.55	5										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
10/26/2008	43.55	44.45	42.13	41.88	41.52	46.00	45.31	48.86	47.47	46.74	46.85	46.24	47.61	46.15	46.45	45.84	46.36	53.35	57.84	54.82	45.56	46.05	46.19	43.55
10/27/2008	44.33	43.55	43.57	41.28	46.00	52.51	52.23	56.23	57.49	57.84	55.20	51.53	49.20	44.43	43.56	43.56	50.69	57.84	63.90	58.44	56.63	52.42	50.30	45.36
10/28/2008	47.51	43.55	43.55	41.69	48.75	51.91	53.67	55.72	55.58	56.66	52.31	51.21	47.14	44.11	43.56	43.56	49.29	55.44	58.44	51.64	55.73	52.48	51.27	45.73
10/29/2008	43.56	45.17	43.56	45.71	47.65	50.71	53.74	55.84	56.02	55.80	52.75	53.35	45.33	44.56	42.36	41.38	48.97	62.00	61.34	54.23	54.09	51.27	53.29	46.62
10/30/2008	46.72	43.55	42.22	43.85	46.81	51.50	51.92	55.92	54.94	51.95	50.98	46.85	45.65	44.36	43.56	41.01	43.55	55.64	53.69	53.21	54.82	53.59	52.30	44.54
10/31/2008	45.57	43.55	44.08	41.67	45.56	52.77	53.89	55.63	55.47	56.22	55.79	52.72	45.57	44.23	44.86	44.23	55.23	58.38	58.44	54.41	53.46	51.63	46.29	45.66
11/1/2008	47.25	46.54	46.79	45.55	47.94	48.89	53.02	52.09	52.43	54.64	54.11	54.84	53.26	46.85	47.68	48.85	52.27	56.05	55.37	52.23	53.78	48.27	51.23	48.31
11/2/2008	45.55	45.45	45.92	43.48	45.52	45.95	48.34	51.30	48.63	51.83	51.58	51.10	51.99	50.71	51.80	50.94	50.20	59.46	57.88	58.92	51.12	51.32	51.27	45.55
11/3/2008	47.97	45.55	45.55	45.55	47.09	51.84	56.22	63.78	56.70	60.48	60.48	57.92	56.87	55.89	57.11	58.17	54.81	60.48	63.05	63.91	54.26	54.81	55.47	49.31
11/4/2008	48.39	45.49	45.55	45.79	49.66	51.43	54.80	60.48	61.11	57.59	56.53	57.36	56.03	54.43	58.57	55.47	54.68	61.11	64.83	60.48	61.11	57.38	55.47	47.94
11/5/2008	49.98	47.11	46.65	41.90	47.79	49.15	57.69	60.48	58.97	57.84	58.20	57.80	56.21	53.92	56.28	55.48	56.04	64.00	64.15	61.11	58.97	56.04	54.11	48.96
11/6/2008	47.72	41.99	45.35	46.75	47.80	52.17	53.84	61.11	60.48	56.61	56.05	56.07	55.94	53.82	55.40	55.09	55.88	64.06	61.01	59.41	56.05	55.79	56.15	50.39
11/7/2008	50.40	47.16	45.94	47.15	46.68	51.63	56.05	60.48	61.11	60.48	56.04	56.23	58.32	56.82	54.38	54.86	54.83	61.11	56.04	60.27	56.20	55.19	55.25	47.60
11/8/2008	46.85	48.00	46.08	45.55	45.55	48.50	48.11	51.54	55.94	57.12	54.88	56.12	53.91	53.78	53.77	53.93	54.33	60.18	57.92	57.16	53.92	52.79	47.25	46.48
11/9/2008	45.55	45.55	47.24	46.24	45.55	47.24	48.05	50.77	52.16	52.39	52.14	51.02	51.07	51.89	52.74	52.40	51.35	56.04	60.48	56.04	55.29	50.27	49.55	45.55
11/10/2008	47.05	44.64	46.26	45.78	48.16	52.55	53.87	58.43	56.19	60.48	55.51	55.63	55.02	56.04	54.86	55.43	57.98	61.11	65.38	60.48	56.25	56.17	51.90	46.95
11/11/2008	48.89	47.21	47.13	45.55	48.20	52.29	55.82	59.25	57.62	60.48	60.48	56.71	57.82	57.79	56.24	57.15	60.48	62.33	61.11	64.75	58.25	58.49	55.81	50.35
11/12/2008	49.42	46.94	40.18	44.63	46.73	52.90	56.28	64.19	61.11	60.48	56.05	56.23	56.29	54.37	55.86	54.50	57.13	61.11	61.11	60.48	59.47	56.11	56.04	46.90
11/13/2008	51.75	45.55	46.75	46.75	50.58	53.60	54.93	61.11	61.11	56.10	57.50	56.22	55.53	53.50	55.05	53.19	56.05	79.00	66.25	57.62	56.05	55.83	50.94	43.85
11/14/2008	49.16	46.97	45.15	45.55	45.55	49.69	54.53	60.48	61.11	63.51	55.16	58.25	51.86	55.64	53.65	56.03	57.23	69.14	61.11	61.11	54.90	54.78	55.53	51.32
11/15/2008	42.54	41.10	47.00	47.90	45.55	49.10	48.87	52.87	56.00	56.05	55.01	54.30	52.20	52.38	52.33	51.99	52.54	59.93	56.04	54.31	54.16	61.11	51.99	48.71
11/16/2008	46.28	47.41	45.94	46.74	47.36	48.05	49.23	48.74	51.10	51.88	52.82	51.69	50.91	51.80	51.70	51.67	51.48	60.73	58.22	54.37	55.59	53.74	51.95	46.16
11/17/2008	48.70	45.95	47.33	45.55	51.41	54.67	58.27	61.11	60.49	61.11	57.09	60.48	55.93	54.74	56.04	57.41	57.87	68.24	61.11	62.54	60.48	59.45	58.17	51.19
11/18/2008	49.13	47.00	47.05	45.55	51.63	54.73	56.00	60.48	60.86	56.57	58.00	54.28	56.75	54.56	56.17	56.67	54.45	66.73	64.95	64.14	61.07	58.32	57.09	50.79
11/19/2008	51.12	48.19	47.56	47.74	51.55	54.56	58.57	63.53	60.90	60.48	61.11	60.48	58.14	55.28	59.11	55.65	52.85	61.11	63.64	61.11	60.48	57.08	55.95	49.29
11/20/2008	51.20	45.55	45.55	46.04	50.40	56.41	55.13	61.11	61.11	61.11	58.89	55.35	54.31	53.81	54.98	55.01	54.88	61.11	60.48	60.48	56.62	53.29	47.63	
11/21/2008	45.55	45.55	45.55	40.85	48.27	51.29	57.40	61.11	61.11	61.11	55.26	56.95	54.32	57.05	56.04	54.48	56.04	61.11	61.11	61.11	60.48	59.19	56.05	48.83
11/22/2008	47.66	46.36	40.50	43.55	51.01	51.39	51.49	53.31	55.36	56.27	56.10	55.67	54.74	53.14	53.26	53.77	53.01	61.06	56.40	54.20	55.30	52.81	51.17	48.84
11/23/2008	46.34	46.54	46.43	47.42	45.55	49.92	52.74	51.05	52.31	53.01	53.86	52.86	52.23	51.42	51.87	51.71	52.62	61.11	60.00	56.55	56.22	51.35	51.21	46.67
11/24/2008	48.20	45.55	50.88	45.55	52.18	56.05	61.11	60.48	64.57	61.11	56.25	54.96	56.26	55.00	58.14	60.04	56.07	63.44	66.91	61.11	64.22	60.55	56.13	52.31
11/25/2008	53.18	48.61	45.37	48.11	54.83	56.25	61.11	49.76	67.30	64.26	56.19	55.91	60.48	55.99	60.48	58.28	60.99	117.53	66.65	66.31	66.88	61.11	60.26	53.20
11/26/2008	52.57	47.41	46.94	47.20	53.91	55.16	65.16	49.27	64.17	61.11	61.11	60.48	57.43	54.87	56.19	56.65	58.79	63.57	65.44	65.91	63.31	61.11	56.38	51.20
11/27/2008	48.05	46.14	48.76	46.70	51.97	56.14	60.48	61.11	63.10	61.11	61.11	60.48	56.05	54.39	56.08	56.04	56.09	60.48	60.50	65.16	60.48	59.40	55.59	50.05
11/28/2008	46.99	40.18	42.06	45.55	51.55	55.70	61.11	39.29	66.43	63.90	61.11	60.48	54.53	56.56	58.12	57.28	59.19	50.920	67.56	65.50	61.11	60.48	56.16	51.05
11/29/2008	45.55	47.03	40.18	45.55	45.55	53.45	53.84	58.16	61.11	61.11	61.11	58.56	55.29	56.90	55.64	56.04	56.22	61.11	60.98	59.05	61.11	60.29	56.04	46.82
11/30/2008	48.37	45.55	46.40	46.33	46.88	51.61	53.00	53.86	54.79	54.50	55.78	53.90	53.93	53.86	54.98	55.61	56.80	492.50	66.76	61.11	60.48	54.32	55.54	43.00
12/1/2008	48.23	42.21	45.85	46.03	50.37	51.67	55.36	60.56	59.60	59.39	59.32	57.56	55.42	54.04	57.31	56.84	56.05	64.70	64.70	62.36	59.80	57.05	56.92	48.23
12/2/2008	49.79	44.95	43.15	43.75	45.53	52.52	55.45	63.08	59.40	59.39	59.40	57.49	57.73	55.72	56.39	55.99	57.97	64.70	64.70	64.03	60.00	58.37	56.42	48.23
12/3/2008	48.23	46.07	42.73	48.00	48.23	53.47	57.03	64.03	57.98	59.44	57.50	59.39	57.80	55.38	57.83	57.68	57.13	68.71	64.70	62.49	59.39	58.76	54.50	48.44
12/4/2008	54.35	42.53	42.52	43.20	48.23	54.70	54.57	61.70	59.55	58.73	56.86	59.13	54.18	51.16	57.21	57.40	56.81	64.03	64.03	64.03	61.83	56.75	55.53	48.23
12/5/2008	42.52	42.37	42.52	42.52	42.52	51.39	57.01	64.03	68.89	64.03	59.54	57.53	53.35	56.79	57.01	55.66	55.88	64.70	64.03	62.54	59.45	54.34	54.59	48.23
12/6/2008	42.52	42.92	42.52	42.52	48.15	49.55	50.33	50.05	54.65	58.37	57.72	54.33	53.78	50.73	52.61	55.22	56.63	61.42	59.99	57.92	58.42	54.42	50.89	49.11
12/7/2008	54.12	45.33	44.98	42.51	42.52	48.23	49.80	50.64	53.72	54.52	54.48	54.52	53.02	50.56	49.67	51.01	53.84	60.01	62.66	58.46	55.42	54.59	51.18	48.04
12/8/2008	48.68	42.52	44.79	48.23	50.76	54.30	57.23	61.50	63.44	59.61	58.12	58.00	57.29	59.21	59.40	59.08	55.85	64.70	64.70	58.96	64.70	59.39	56.05	49.71
12/9/2008	50.65	50.06	48.23	49.15	50.92	51.69	59.89	64.70	64.63	62.32	61.87	57.17	59.57	58.63	58.52	58.09	57.91	68.23	64.70	64.03	63.51	55.63	58.05	50.35
12/10/2008	52.47	48.33	46.02	44.51	45.75	54.10	52.58	64.47	61.02	59.58	59.44	58.51	57.70	57.65	57.06	56.42	57.81	64.70	64.03	61.80	60.63	58.71	56.07	51.63
12/11/2008	49.56	49.47	48.29	49.07	50.24	48.23	52.12	60.47	64.03	62.58</														



Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
12/28/2008	48.23	48.23	45.80	48.23	48.23	50.54	48.23	50.81	54.48	57.05	57.17	55.18	53.18	53.88	51.16	50.60	55.56	64.70	64.19	61.69	59.15	55.12	54.00	49.30
12/29/2008	48.71	44.79	44.83	45.24	52.93	55.72	62.22	64.70	69.52	64.70	64.70	64.03	64.03	61.90	59.39	59.40	59.39	66.43	67.41	64.70	68.86	62.96	57.63	51.97
12/30/2008	48.23	45.90	43.22	45.90	51.53	56.12	58.98	61.16	63.83	64.03	59.39	59.39	59.39	58.24	57.94	55.94	55.73	64.03	64.03	57.90	62.43	59.30	58.73	51.31
12/31/2008	52.99	49.13	48.23	48.91	50.76	53.81	60.34	64.03	64.70	64.70	64.03	61.46	58.00	57.95	57.50	56.80	51.41	64.06	58.20	54.35	58.23	58.73	56.45	51.21
1/1/2009	39.55	35.25	34.90	35.87	40.61	44.56	46.04	51.46	51.73	49.03	47.68	51.89	49.52	51.26	46.03	50.09	49.51	57.60	59.91	56.03	50.81	50.62	44.63	40.99
1/2/2009	40.61	41.04	40.61	40.61	40.61	40.61	46.03	51.21	52.45	49.47	51.10	47.47	45.72	46.03	46.04	45.11	46.03	56.82	52.34	46.03	46.59	45.36	45.16	43.33
1/3/2009	41.33	40.61	40.91	40.26	40.61	40.61	40.65	43.99	49.09	53.19	52.73	49.49	47.14	41.08	44.60	41.19	44.08	52.19	50.43	45.78	45.05	44.11	44.31	43.80
1/4/2009	41.25	40.04	40.61	40.61	41.26	40.61	40.61	43.70	46.55	46.78	46.03	41.27	42.16	41.39	43.82	40.72	45.03	53.93	58.86	50.11	46.03	46.03	41.19	41.37
1/5/2009	40.61	40.64	40.61	40.91	46.03	43.95	53.64	56.39	61.23	60.81	61.76	57.26	57.19	53.14	43.69	45.78	52.29	61.76	67.00	61.76	57.71	54.56	45.59	41.33
1/6/2009	40.84	41.76	43.25	40.61	44.29	46.43	53.38	61.76	61.29	61.12	58.98	55.12	49.76	51.13	52.10	50.14	49.59	63.89	61.76	61.12	61.12	49.31	46.03	40.66
1/7/2009	42.09	40.61	39.13	39.54	40.61	39.58	47.60	57.52	58.87	56.13	54.73	52.87	46.38	44.33	44.14	43.95	46.03	66.71	61.76	57.46	54.73	43.94	43.22	40.61
1/8/2009	41.14	40.61	38.63	39.77	40.61	40.61	47.21	57.40	57.31	58.46	57.88	54.53	48.57	46.03	45.14	45.10	53.26	59.35	59.58	53.69	49.43	45.26	42.29	40.61
1/9/2009	37.63	40.61	40.61	42.00	40.61	41.89	45.58	56.50	55.34	55.08	46.10	52.96	48.95	46.03	46.03	46.03	48.51	61.13	61.12	51.41	54.69	49.28	46.99	40.61
1/10/2009	40.19	41.13	40.61	40.61	42.97	40.98	41.25	47.20	46.03	48.90	48.45	48.10	47.43	40.89	40.61	40.61	46.04	50.09	49.03	48.78	41.06	47.65	43.64	43.03
1/11/2009	41.27	39.40	39.73	40.61	40.84	40.61	40.61	41.06	41.22	48.64	48.96	58.63	46.45	43.36	45.69	43.42	46.70	56.63	59.29	54.30	52.62	43.94	41.34	43.51
1/12/2009	41.16	40.76	40.61	40.61	42.14	46.03	53.45	61.12	61.76	61.12	55.18	58.53	54.54	53.14	53.10	50.89	52.68	63.55	66.14	61.76	55.22	49.86	46.03	41.34
1/13/2009	41.00	40.61	40.61	40.61	41.11	43.48	48.41	60.41	59.73	55.19	52.07	53.32	47.40	53.33	46.03	45.79	43.51	61.76	62.64	58.49	57.44	46.51	45.61	43.41
1/14/2009	40.62	40.91	41.21	40.61	40.62	43.52	54.42	61.74	61.65	53.90	54.42	53.33	53.54	50.60	50.28	51.45	46.03	62.87	66.43	58.02	55.22	44.84	45.01	43.51
1/15/2009	43.87	42.71	40.61	41.20	46.85	44.27	49.65	58.22	57.58	54.88	54.92	48.90	48.35	50.27	49.89	46.27	53.85	61.38	61.84	57.56	48.48	51.19	46.03	41.37
1/16/2009	41.49	41.17	40.61	40.81	40.61	42.37	51.04	64.90	58.44	57.42	50.69	51.22	55.13	47.36	46.03	48.60	50.91	52.71	54.80	46.04	46.03	46.03	43.56	47.55
1/17/2009	39.07	39.84	40.42	41.05	40.61	40.61	44.31	45.44	48.95	53.74	56.01	51.57	46.71	46.89	46.03	46.01	48.22	53.46	54.14	49.24	47.21	43.37	46.03	43.27
1/18/2009	39.64	39.40	40.61	40.61	42.18	40.91	43.34	40.61	47.76	47.83	49.11	47.81	47.17	44.04	42.69	42.12	43.31	59.91	61.12	56.08	51.73	45.90	46.03	40.61
1/19/2009	40.23	39.96	38.40	40.17	45.85	46.03	52.94	65.17	65.49	60.87	57.27	54.87	54.55	52.08	53.23	48.47	46.03	61.12	58.84	59.04	55.78	46.03	48.62	41.20
1/20/2009	40.61	40.61	40.15	40.61	42.00	44.05	53.00	61.27	61.12	57.65	55.13	49.80	51.95	51.59	50.48	50.36	44.16	55.10	56.99	55.16	55.30	49.12	44.44	41.15
1/21/2009	42.54	40.79	40.61	46.03	42.97	46.73	59.19	66.39	61.76	54.51	54.63	56.00	53.92	52.61	53.73	55.15	44.98	53.81	61.12	54.66	59.01	49.95	50.46	40.61
1/22/2009	40.90	41.34	40.49	40.81	46.03	46.72	54.02	61.76	59.80	57.36	55.29	53.12	52.61	51.72	51.34	52.25	51.65	50.77	57.57	48.73	46.03	47.11	48.76	40.66
1/23/2009	40.66	41.09	40.78	40.61	40.61	43.06	50.74	61.13	61.76	54.73	47.38	52.38	50.08	50.43	46.65	46.17	42.06	54.08	48.37	45.86	46.03	44.25	42.12	40.61
1/24/2009	40.27	40.61	39.72	39.40	40.61	40.61	41.14	44.51	48.54	56.09	55.22	46.04	46.83	46.03	43.06	46.03	42.96	52.05	51.74	48.31	46.03	40.61	43.58	40.61
1/25/2009	39.02	36.32	40.07	40.61	40.61	41.79	40.91	43.99	48.33	48.14	46.03	42.51	46.03	46.00	46.03	46.94	46.03	47.64	46.04	46.92	46.32	42.70	43.18	41.20
1/26/2009	40.61	40.61	40.00	40.61	45.15	41.29	51.67	61.76	56.96	60.22	53.83	53.52	50.83	52.06	51.79	50.13	40.75	46.03	56.88	54.71	53.71	49.75	46.83	41.40
1/27/2009	40.61	39.82	39.28	41.24	45.79	42.97	48.84	49.76	53.44	49.12	48.77	48.86	46.79	52.14	46.38	50.59	40.61	49.33	47.43	48.69	48.71	45.08	47.57	40.61
1/28/2009	41.27	40.40	40.61	43.12	43.55	49.22	53.89	55.64	57.07	52.17	51.95	52.20	55.08	54.94	54.94	54.62	46.03	46.03	49.03	48.63	55.18	52.22	47.44	43.71
1/29/2009	39.98	40.61	40.61	40.61	48.48	48.12	53.62	58.44	54.75	54.14	53.08	53.31	48.80	53.37	54.38	52.62	50.92	49.91	50.89	47.10	41.95	46.03	46.03	40.81
1/30/2009	39.71	40.61	39.62	39.08	41.83	40.61	51.46	61.12	59.43	57.70	50.34	49.96	49.31	46.03	49.06	47.71	48.26	45.91	53.01	43.11	44.17	48.91	46.53	40.61
1/31/2009	39.99	38.35	40.61	39.87	40.61	40.61	44.04	45.68	47.66	52.69	53.54	48.31	46.03	40.61	45.21	45.36	43.47	43.71	50.98	48.14	40.54	40.61	43.14	34.54
2/1/2009	41.16	42.07	40.53	44.05	44.88	47.06	47.22	47.92	51.46	61.01	59.40	49.24	46.49	47.51	47.89	45.98	46.42	61.00	61.01	56.25	52.91	45.95	47.16	43.96
2/2/2009	44.09	45.84	45.49	43.87	45.92	49.29	52.06	61.64	61.64	65.57	61.64	51.78	54.17	53.58	52.07	50.34	53.51	61.25	66.81	61.64	57.26	46.86	47.67	46.19
2/3/2009	47.66	43.95	43.85	45.95	46.77	48.50	51.44	61.01	61.00	57.42	52.78	55.45	53.58	54.39	53.75	49.01	52.79	56.17	61.01	57.69	57.33	49.53	47.31	45.94
2/4/2009	46.20	45.95	44.01	45.74	42.86	46.69	52.59	61.64	61.64	58.02	61.64	55.01	49.15	50.62	52.28	52.00	50.92	59.24	61.64	59.50	61.01	51.55	48.68	46.72
2/5/2009	45.94	42.45	43.60	42.99	44.27	48.67	55.77	61.64	61.64	61.64	57.92	50.62	56.46	45.94	54.35	56.38	56.18	61.01	62.66	58.58	57.84	53.74	49.20	45.94
2/6/2009	45.94	42.93	40.53	43.94	45.70	48.52	52.47	64.53	61.64	56.18	54.60	56.72	48.72	48.56	52.51	53.70	53.43	51.37	55.45	56.59	51.37	50.54	47.04	40.97
2/7/2009	40.53	40.53	40.53	40.53	41.74	43.90	45.94	45.95	49.54	56.44	55.39	48.21	46.60	46.18	48.06	46.42	46.63	46.79	55.36	54.17	52.51	47.08	43.95	45.94
2/8/2009	41.27	40.30	40.53	43.65	43.98	42.38	47.87	45.95	48.16	51.46	50.31	46.93	46.36	44.28	47.20	46.77	45.86	46.67	53.17	49.06	47.90	45.95	46.94	40.53
2/9/2009	39.94	40.29	40.53	40.53	43.83	48.04	50.80	54.90	53.83	55.92	54.60	48.50	53.77	54.50	53.24	52.31	55.27	48.21	59.21	58.17	54.79	52.43	47.44	40.53
2/10/2009	43.35	40.51	40.05	40.53	44.69	48.12	53.73	56.88	54.71	49.52	45.65	54.17	54.68	53.61	50.44	53.50	52.86	52.89	55.98	51.54	50.92	49.83	47.09	40.53
2/11/2009	45.95	40.53	42.28	41.99	43.93	48.73	56.52	65.05	58.56	61.48	56.93	58.73	50.35	54.52	54.02	52.38	52.07	58.79	62.14	57.23	55.05	50.31	46.92	43.15
2/12/2009	47.21	44.03	44.50	43.92	45.94	43.69	54.89	64.47	61.64	61.01	57.70	55.97	48.17	47.64</										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
3/1/2009	39.43	40.90	41.69	41.25	43.80	43.92	43.92	43.92	45.39	46.80	46.81	45.85	43.94	45.83	44.59	43.97	43.92	41.92	52.44	49.63	46.32	43.92	43.92	42.11
3/2/2009	43.74	39.95	43.72	43.63	43.70	41.80	45.96	56.24	57.11	51.96	53.65	54.88	48.71	45.37	51.07	45.37	49.89	52.58	58.32	58.32	52.65	45.49	46.10	43.92
3/3/2009	43.92	42.04	43.69	42.86	43.92	45.24	49.22	56.89	55.11	50.38	52.77	48.46	47.70	50.19	43.92	46.92	48.91	58.32	58.93	57.21	58.32	50.10	43.92	38.96
3/4/2009	44.92	42.35	42.28	42.38	44.62	45.47	50.64	58.93	55.25	52.85	50.78	46.59	43.27	50.54	44.40	51.57	46.49	55.08	58.32	54.08	53.53	47.71	43.92	44.61
3/5/2009	43.92	43.80	43.42	43.92	43.92	47.98	52.15	58.32	58.32	51.29	52.25	48.53	45.99	46.69	49.37	53.76	52.45	52.27	55.27	56.04	53.70	46.37	44.43	45.91
3/6/2009	43.92	41.31	42.83	42.26	43.92	45.54	48.72	58.32	58.32	52.29	47.05	44.78	42.72	43.92	51.34	52.40	52.09	53.65	53.67	53.26	52.52	49.27	41.08	44.27
3/7/2009	43.83	44.86	41.90	43.92	43.92	42.49	45.95	45.10	47.91	53.80	47.54	43.92	41.34	45.75	46.14	46.15	46.16	44.12	45.13	45.25	44.82	45.75	45.21	40.98
3/8/2009	40.05	37.40	43.74	41.49	41.61	41.99	43.92	43.92	45.97	45.39	46.36	43.92	44.56	43.92	43.92	41.98	41.97	46.42	46.87	49.08	44.41	45.54	40.25	43.83
3/9/2009	38.76	38.76	42.42	41.73	43.92	45.85	47.30	52.51	51.64	54.17	49.57	52.48	49.43	46.64	52.05	46.84	52.11	50.14	52.78	54.81	54.61	49.61	45.85	44.51
3/10/2009	41.25	38.76	40.84	38.76	43.92	43.92	51.01	58.93	56.20	55.74	58.32	56.50	48.30	46.14	45.02	52.46	47.37	48.12	58.32	55.62	52.92	48.00	45.78	38.76
3/11/2009	41.88	38.76	38.27	39.17	39.14	43.92	48.05	55.91	54.05	53.15	52.62	51.10	50.45	51.03	51.38	52.68	52.53	58.32	56.15	58.32	54.15	50.00	46.03	44.49
3/12/2009	42.37	38.76	38.76	38.76	40.66	45.49	50.87	58.32	57.94	58.32	58.93	52.54	52.29	52.55	52.69	53.19	56.15	52.46	55.29	58.32	57.86	48.06	46.12	42.03
3/13/2009	42.51	38.76	39.74	43.75	43.89	43.92	46.61	52.78	52.62	53.94	50.82	49.83	46.92	47.92	46.06	48.69	45.10	49.92	55.66	54.62	52.93	46.48	45.46	41.63
3/14/2009	38.76	38.12	38.69	41.20	40.31	43.92	44.88	52.32	56.12	56.10	56.51	54.51	45.55	46.11	41.31	43.92	45.36	46.34	44.39	44.26	45.31	45.91	41.92	38.76
3/15/2009	38.32	37.84	38.76	38.76	38.76	39.38	41.43	41.80	43.92	46.04	45.48	43.92	43.92	44.96	43.92	45.15	45.63	43.92	46.24	45.27	45.09	39.36	43.84	45.01
3/16/2009	43.77	41.02	41.63	41.26	43.52	41.96	47.51	50.43	49.62	55.12	52.01	54.77	52.03	52.24	52.31	52.32	53.19	44.45	50.43	45.09	53.16	43.92	43.92	44.69
3/17/2009	43.08	37.41	38.02	38.76	43.92	43.92	45.01	50.18	51.06	50.09	48.17	43.66	49.84	49.38	49.28	52.37	51.06	43.92	46.78	54.29	54.17	46.54	45.10	43.92
3/18/2009	40.53	38.76	38.03	38.70	38.99	43.92	47.16	54.88	51.47	54.13	54.55	50.80	50.95	50.97	50.11	52.93	50.94	48.96	53.79	55.82	51.81	47.89	44.61	40.56
3/19/2009	38.76	38.76	38.76	38.76	40.28	41.55	46.03	52.76	54.35	56.27	58.32	51.16	53.65	53.17	53.93	52.35	53.12	52.84	55.56	58.29	56.77	46.53	43.92	45.51
3/20/2009	42.04	39.07	41.67	42.04	43.88	41.43	43.85	51.75	52.67	53.67	52.16	51.54	50.11	48.61	52.10	49.41	48.43	46.13	45.78	53.00	52.27	42.96	42.12	43.92
3/21/2009	38.32	38.52	38.76	42.80	41.97	43.40	43.02	46.84	46.26	47.43	44.55	43.92	45.00	38.84	43.32	44.60	45.50	42.79	41.30	42.03	42.12	44.31	39.08	38.72
3/22/2009	37.84	37.84	39.68	38.14	37.89	38.92	41.13	40.55	43.92	45.17	45.60	45.91	45.51	41.61	43.92	43.92	39.03	38.76	38.76	47.23	43.92	45.76	40.53	38.03
3/23/2009	39.20	38.76	38.19	39.16	41.90	43.92	43.92	45.24	46.52	55.99	57.13	54.11	52.14	46.47	52.20	51.14	51.26	40.00	41.75	47.12	52.76	41.26	44.46	43.92
3/24/2009	41.25	38.76	38.76	38.55	38.89	39.85	44.19	49.63	49.78	51.21	38.76	51.72	48.46	50.75	50.10	54.36	50.77	46.11	41.65	53.69	54.04	47.74	44.73	41.52
3/25/2009	39.52	38.76	37.66	38.76	38.76	41.01	43.68	51.42	55.65	55.15	53.55	51.40	51.05	52.08	50.99	51.94	50.45	48.11	48.47	58.32	50.40	45.59	40.00	38.76
3/26/2009	40.52	37.86	37.73	38.76	39.29	40.11	43.92	43.92	53.60	50.83	58.32	52.04	52.68	51.53	51.12	53.17	50.91	51.11	50.71	54.05	53.48	46.68	46.63	44.58
3/27/2009	41.41	38.92	41.73	41.75	43.84	39.67	40.31	42.12	50.21	52.33	52.40	50.94	49.40	50.52	52.43	51.62	47.16	43.62	41.52	52.53	51.90	43.92	44.95	38.76
3/28/2009	38.76	38.76	38.94	39.26	40.62	41.82	39.98	44.51	45.91	39.08	41.80	45.60	44.11	46.11	43.92	43.92	43.92	39.22	38.76	39.54	41.52	40.15	38.76	38.04
3/29/2009	38.76	38.76	38.76	39.09	37.98	39.15	41.34	43.51	45.22	44.88	44.88	45.04	41.77	43.13	41.79	41.00	41.94	41.56	38.00	46.63	52.46	48.80	41.88	38.76
3/30/2009	39.46	38.76	38.06	38.40	38.88	43.90	43.92	45.81	47.55	50.94	58.32	52.18	46.93	48.15	51.85	51.08	50.57	43.92	38.76	43.92	54.65	42.03	44.46	38.86
3/31/2009	39.74	38.76	38.76	38.34	38.76	39.60	42.12	46.80	50.95	54.57	51.98	58.32	47.34	51.45	50.70	51.18	47.87	40.09	38.76	46.04	54.30	43.92	43.92	39.99
4/1/2009	38.32	36.42	35.86	35.87	36.25	38.86	36.10	46.75	45.39	44.78	42.76	39.21	38.64	38.56	37.56	42.48	38.57	40.37	43.77	53.32	43.10	40.52	36.44	36.05
4/2/2009	39.44	36.05	35.87	35.87	40.62	41.01	39.59	48.40	48.06	41.86	43.17	40.62	38.46	40.95	39.87	43.93	43.30	40.62	40.82	46.45	41.99	40.11	38.50	38.24
4/3/2009	35.87	37.11	36.59	35.39	36.11	37.96	44.05	46.92	43.62	42.72	40.51	37.72	38.78	40.62	40.61	40.62	41.15	41.27	40.47	44.96	40.69	37.98	40.49	36.01
4/4/2009	35.87	35.87	36.33	35.11	35.87	35.48	38.93	40.48	43.62	43.73	39.86	41.42	36.56	38.48	36.35	36.91	38.39	40.62	38.56	38.12	36.51	37.49	37.81	36.21
4/5/2009	35.87	35.14	19.95	35.26	35.87	36.18	35.93	36.39	36.34	36.39	36.50	36.12	35.87	35.18	34.81	35.63	34.17	35.87	35.45	36.39	36.09	38.69	34.73	35.87
4/6/2009	35.87	34.33	35.75	35.87	36.11	39.63	44.04	48.89	48.99	43.27	43.01	40.52	38.44	40.62	40.61	39.99	40.61	40.62	46.77	42.69	42.80	39.90	38.76	37.65
4/7/2009	35.87	35.87	35.42	36.32	38.08	38.91	40.68	43.53	48.98	46.34	42.95	37.60	38.20	37.59	38.35	37.70	43.91	40.61	42.86	43.17	43.15	38.77	36.38	37.22
4/8/2009	35.87	35.18	34.96	35.23	35.56	39.86	46.90	48.48	50.60	48.16	47.53	42.17	40.10	38.09	36.77	40.62	40.61	37.66	40.62	45.26	45.11	41.17	38.40	38.46
4/9/2009	35.87	37.66	35.87	35.87	35.59	38.95	40.02	47.31	47.04	44.68	40.62	40.92	39.20	38.68	40.62	43.54	46.17	40.61	42.79	46.48	45.59	38.82	37.97	35.23
4/10/2009	36.10	36.19	34.98	35.40	39.07	38.30	42.29	48.39	50.68	39.71	43.89	41.23	40.62	36.58	40.62	44.89	40.61	38.48	42.66	43.23	39.81	36.88	40.38	35.48
4/11/2009	35.87	35.84	35.28	35.87	35.14	35.87	36.03	38.84	40.62	43.97	43.18	39.19	38.34	36.21	36.27	36.23	36.14	38.18	35.89	35.88	35.87	36.33	35.87	35.87
4/12/2009	35.89	32.98	32.61	34.45	35.87	36.06	35.13	36.09	36.43	39.61	40.88	36.38	39.70	35.87	35.05	35.87	35.82	35.87	36.69	38.23	41.02	36.39	36.33	36.13
4/13/2009	35.87	35.86	35.07	35.35	35.13	40.61	40.01	40.62	48.57	43.57	43.84	43.28	40.62	45.15	44.17	43.01	41.84	40.61	40.62	43.74	43.91	37.66	39.82	39.71
4/14/2009	36.10	35.49	35.87	34.49	34.94	39.20	40.63	40.62	44.07	48.24	49.57	45.49	44.34	47.33	47.65	45.43	45.89	43.74	42.25	44.25	45.10	39.60	36.40	36.10
4/15/2009	35.87	35.87	35.10	34.80	36.13	35.87	40.40	43.25	45.25	46.50	46.91	43.42	40.61	40.62	40.61	44.03	43.12	42.92	41.84	40.62	48.84	38.57	38.76	35.22
4/16/2009	35.87	35.66	35.72	34.98	35.87	39.58	40.62	48.67	44.24	46.55	40.62	42.34	38.09	40.62										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
5/3/2009	28.16	19.95	21.64	22.82	30.05	30.06	34.88	30.25	35.80	35.80	36.03	35.80	34.17	35.38	33.64	32.63	33.53	33.37	33.52	34.58	35.56	36.47	35.80	33.14
5/4/2009	30.05	29.96	22.31	19.95	32.34	33.88	35.80	40.32	40.54	40.54	43.82	44.69	36.19	39.37	35.80	36.43	39.32	36.10	40.38	37.07	40.49	35.86	35.17	33.27
5/5/2009	35.14	30.24	29.03	30.20	31.66	35.80	35.80	38.88	37.97	40.42	40.66	37.00	35.80	35.80	35.33	33.67	34.40	35.80	35.80	35.80	35.80	35.80	35.80	33.88
5/6/2009	33.58	29.61	23.50	30.01	32.62	33.84	35.19	35.99	40.54	40.54	43.03	36.05	36.03	35.55	35.77	35.73	35.80	35.83	35.80	36.49	39.33	35.80	34.25	33.66
5/7/2009	33.55	30.59	29.74	30.17	33.53	35.88	34.94	38.87	40.05	38.86	41.02	36.06	35.80	35.80	35.21	34.87	35.14	35.80	35.12	35.80	36.19	35.80	34.40	33.45
5/8/2009	32.06	30.43	30.03	19.95	32.05	35.80	35.07	40.54	41.68	44.00	46.54	38.07	35.80	35.73	34.67	31.68	35.62	35.80	35.80	35.48	35.80	35.80	34.95	33.20
5/9/2009	33.73	33.73	29.87	26.49	31.49	30.19	33.44	34.86	35.80	38.40	38.72	38.78	35.80	34.96	24.67	20.51	29.87	27.20	38.80	38.25	38.87	36.58	34.34	34.32
5/10/2009	30.75	30.99	31.41	32.38	30.02	29.99	30.34	34.02	35.23	34.87	35.88	35.88	34.95	35.80	35.80	35.00	33.87	35.72	35.80	35.80	35.87	35.80	34.75	31.84
5/11/2009	30.15	30.17	20.80	23.31	30.27	35.80	33.62	33.81	36.26	39.86	40.95	42.97	41.29	36.02	35.80	35.80	35.98	41.48	41.70	36.40	41.61	35.80	33.55	33.56
5/12/2009	33.41	30.24	23.35	29.95	30.26	35.80	34.12	35.80	38.19	35.87	40.06	36.37	35.80	35.80	35.80	35.75	35.80	36.27	35.80	35.80	35.80	35.80	35.80	34.15
5/13/2009	34.25	30.11	26.25	30.14	33.69	33.63	35.80	36.32	37.71	38.89	39.38	36.68	36.08	35.06	35.80	36.08	35.80	37.33	36.09	35.80	37.06	35.80	35.40	33.42
5/14/2009	35.80	30.51	32.91	30.47	31.53	34.57	35.85	35.80	38.10	36.66	38.34	35.80	35.80	35.80	35.33	35.93	35.80	36.01	35.96	35.80	35.87	36.22	35.80	34.26
5/15/2009	33.83	32.54	31.30	30.01	32.02	35.80	35.99	36.19	36.12	35.80	36.56	35.80	35.80	35.80	35.29	34.54	35.80	35.80	35.88	35.80	35.80	35.25	35.73	34.73
5/16/2009	34.24	33.56	30.68	30.61	30.13	31.84	33.04	34.10	34.66	35.80	36.20	36.08	35.80	27.13	22.48	23.71	26.46	34.07	38.17	35.82	35.29	35.92	33.22	34.18
5/17/2009	32.45	31.65	31.13	30.11	22.18	30.29	29.93	34.02	34.99	33.66	35.80	35.80	36.21	35.80	35.80	35.08	32.69	35.27	35.80	35.80	35.80	35.80	33.69	22.93
5/18/2009	33.52	31.03	22.91	16.87	27.17	35.12	35.80	35.80	35.55	35.80	39.98	38.93	35.86	35.80	35.80	35.80	35.80	36.21	36.69	35.80	35.80	35.80	34.94	33.75
5/19/2009	33.05	30.28	22.51	21.99	32.17	34.99	35.80	35.77	35.80	38.14	45.14	45.41	36.38	35.80	35.80	35.80	36.26	37.17	37.35	36.17	36.47	36.16	35.50	35.80
5/20/2009	34.29	31.66	30.22	26.33	32.83	34.12	35.80	35.80	36.21	37.09	38.17	36.00	35.80	35.70	35.47	35.74	35.80	35.91	35.80	35.62	35.80	36.18	35.92	33.49
5/21/2009	34.26	33.68	22.43	26.45	33.50	33.70	34.06	35.80	35.80	41.91	35.80	37.10	36.80	35.90	35.80	35.80	35.80	36.72	36.31	35.73	35.87	36.54	35.80	33.76
5/22/2009	34.54	33.30	30.89	24.26	33.56	33.67	35.80	35.93	35.80	36.74	37.12	35.62	35.80	35.80	35.80	35.80	35.80	35.86	36.18	35.37	35.80	35.80	35.70	35.65
5/23/2009	33.56	32.30	30.41	31.19	31.47	32.73	33.72	35.80	35.91	35.80	41.89	42.95	37.88	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80
5/24/2009	33.27	31.72	30.59	23.48	23.70	19.95	32.33	35.80	35.80	33.72	35.39	35.80	35.80	35.80	35.21	35.11	35.80	35.80	35.80	35.80	35.61	35.85	35.80	33.00
5/25/2009	33.30	29.59	22.55	20.79	29.94	35.80	35.80	26.01	34.86	35.80	36.86	38.41	35.80	35.88	35.80	35.80	36.35	38.55	36.44	35.80	35.80	35.80	33.71	33.70
5/26/2009	35.02	30.67	22.34	22.14	31.49	32.23	35.80	35.80	36.01	36.73	42.63	37.84	36.00	35.81	35.80	36.02	37.15	38.85	36.99	35.80	35.80	35.80	35.80	35.80
5/27/2009	33.47	33.18	35.39	30.07	32.19	35.70	35.95	36.08	37.03	44.05	47.63	47.76	43.48	36.31	37.07	36.95	38.38	41.60	40.69	36.45	35.80	35.80	35.80	34.71
5/28/2009	34.57	35.03	20.77	23.08	31.15	33.88	35.80	35.80	35.80	40.29	40.54	37.67	36.18	35.80	35.80	35.80	35.80	36.09	36.25	35.27	35.80	35.80	35.80	33.85
5/29/2009	34.94	34.60	30.25	30.29	31.46	35.18	35.72	35.80	35.80	36.79	42.17	36.18	35.80	35.84	35.80	35.80	35.80	36.57	36.23	35.80	35.80	35.80	35.80	35.80
5/30/2009	34.26	34.11	33.46	23.76	23.90	30.04	31.55	34.69	35.59	35.80	35.87	35.84	35.13	34.90	32.04	22.88	31.35	26.49	35.80	33.94	26.49	34.47	34.33	35.31
5/31/2009	32.85	19.95	30.54	15.01	19.95	30.15	30.22	33.69	35.80	36.27	35.80	36.18	35.92	36.12	35.80	35.09	35.80	36.13	35.80	35.29	34.05	35.80	34.13	33.77
6/1/2009	20.28	19.95	19.95	19.95	20.26	31.91	36.18	36.94	39.19	38.95	43.00	45.67	37.59	46.27	35.49	34.60	36.12	35.60	35.82	35.99	36.28	36.19	33.15	33.92
6/2/2009	22.20	20.35	16.90	17.80	19.95	25.66	33.72	36.53	39.01	43.51	47.47	35.73	36.08	35.73	35.31	34.47	32.46	34.95	35.73	34.81	23.06	35.73	34.91	31.19
6/3/2009	21.32	19.95	19.95	19.95	20.06	30.62	35.07	35.73	41.40	47.32	48.14	36.68	35.73	35.17	21.40	34.14	31.65	37.18	45.69	36.02	34.07	36.08	35.13	23.59
6/4/2009	20.46	19.95	19.95	19.95	20.43	25.36	33.59	36.80	39.69	38.81	37.84	35.12	29.58	21.53	19.95	19.95	20.91	34.71	32.47	30.59	30.99	36.52	34.96	33.20
6/5/2009	27.98	20.64	20.21	20.04	20.62	34.04	36.51	40.70	44.49	48.05	35.99	35.73	35.17	21.71	19.95	19.95	20.86	30.63	35.02	34.87	24.46	35.73	34.98	31.80
6/6/2009	21.97	19.95	19.95	19.95	16.15	20.19	20.66	32.41	34.82	35.73	35.73	27.83	21.72	15.07	19.95	19.95	15.04	19.95	25.08	20.75	19.95	33.38	33.26	31.30
6/7/2009	25.29	20.43	20.19	19.95	13.84	16.95	20.91	32.57	33.02	34.16	35.14	36.39	38.30	30.35	22.89	20.53	20.65	23.52	34.94	32.76	26.49	36.48	33.79	30.46
6/8/2009	29.44	20.77	19.95	19.95	19.95	25.12	35.73	35.73	35.73	39.06	42.53	42.87	35.73	35.51	28.43	29.46	35.73	35.45	35.73	35.18	35.73	35.73	33.87	32.98
6/9/2009	26.49	21.94	20.46	19.95	20.00	28.12	36.62	38.11	45.27	41.46	47.07	49.22	44.68	39.23	34.81	36.47	35.82	37.91	36.94	34.84	34.84	35.85	31.91	34.85
6/10/2009	22.69	19.95	19.95	19.95	19.95	29.98	35.56	38.92	42.09	42.27	47.13	35.79	35.73	35.06	20.24	19.95	21.53	35.73	35.73	35.73	35.73	35.73	35.31	28.58
6/11/2009	20.63	19.95	19.95	16.12	19.62	24.53	35.15	35.54	35.73	35.73	35.73	35.73	29.67	23.65	19.95	19.95	25.17	36.57	47.75	29.75	34.58	38.23	36.10	36.21
6/12/2009	26.92	20.31	20.11	19.95	20.28	30.17	37.47	37.67	41.69	41.45	43.35	36.19	38.29	31.55	20.93	20.85	26.49	35.41	35.55	35.41	32.86	37.88	34.90	35.17
6/13/2009	21.83	19.99	19.95	12.79	18.69	19.95	20.78	32.21	33.68	35.14	35.73	35.73	22.62	19.95	13.06	19.95	15.40	19.95	20.85	20.75	20.22	34.18	33.78	34.36
6/14/2009	27.64	20.18	20.18	19.95	19.95	19.95	19.95	29.05	29.20	32.97	40.15	33.61	32.87	30.20	22.69	20.37	20.34	22.90	28.55	30.51	22.72	34.98	33.29	32.38
6/15/2009	22.81	19.95	20.01	19.95	19.95	30.50	35.73	35.73	38.47	42.69	47.63	48.12	37.33	36.50	35.73	35.73	35.73	35.73	35.73	35.73	35.73	35.73	35.14	35.12
6/16/2009	30.15	21.41	21.06	21.20	20.54	30.84	38.71	37.93	42.87	49.65	46.40	49.86	47.51	48.33	35.67	25.21	34.95	36.06	35.71	35.34	32.31	35.66	33.54	33.40
6/17/2009	23.01	19.95	17.43	19.95	12.77	21.01	35.07	36.27	36.85	38.78	48.02	35.91	35.73	35.70	23.57	20.48	26.49	35.24	35.73	26.49	29.57	35.73	35.73	26.49
6/18/2009	27.74	20.72	19.98	19.95	19.95	29.62	35.73	35.73	40.38	45.49	36.01	35.73	35.73	31.20										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
7/5/2009	35.66	34.90	33.79	34.74	34.23	33.44	34.73	35.66	35.66	35.66	38.33	40.38	40.58	35.77	35.66	32.65	34.19	35.66	35.67	35.67	35.67	40.38	36.28	35.66
7/6/2009	35.66	35.30	31.17	33.79	33.78	35.66	36.42	40.38	43.15	44.14	48.20	53.64	49.84	51.35	40.66	38.36	40.38	53.64	48.79	45.17	47.35	43.34	40.38	36.94
7/7/2009	35.67	35.66	33.15	34.83	35.67	35.66	37.37	38.17	40.13	44.17	46.52	46.87	47.68	42.27	37.29	35.67	35.67	38.67	42.74	37.70	35.83	42.65	40.00	35.81
7/8/2009	35.94	35.19	35.03	34.75	35.66	35.67	36.73	39.38	44.07	44.58	48.49	49.55	40.53	37.05	35.92	35.66	35.66	36.86	37.57	37.87	36.80	40.31	40.38	36.15
7/9/2009	36.14	35.67	35.33	35.66	33.19	35.79	37.95	40.17	41.95	45.00	48.26	49.65	47.16	40.39	36.13	35.67	35.67	38.74	47.87	44.62	36.05	42.02	37.55	35.98
7/10/2009	35.66	35.56	34.22	35.44	33.94	35.54	40.38	40.39	40.39	41.66	47.00	47.27	47.26	40.38	35.96	35.67	36.55	36.29	37.03	37.67	36.13	38.44	37.56	36.14
7/11/2009	35.97	35.67	35.39	32.95	34.49	34.02	35.67	35.67	36.08	40.38	40.94	42.90	40.39	43.14	35.66	34.91	35.07	35.67	35.67	35.81	37.14	36.27	35.67	35.67
7/12/2009	33.20	35.42	35.13	33.59	33.90	33.75	33.35	35.66	36.23	35.66	38.15	38.02	43.66	37.32	35.66	35.66	35.66	35.89	37.64	38.47	35.67	40.60	36.10	35.66
7/13/2009	35.66	35.09	35.66	35.66	35.39	35.67	37.78	39.64	42.69	43.32	48.93	47.65	48.42	50.11	40.39	36.73	36.94	39.70	36.81	40.39	36.75	41.97	40.38	37.24
7/14/2009	36.57	35.66	35.66	35.66	35.67	36.12	35.85	38.22	41.43	44.92	48.26	48.20	49.17	45.59	36.10	35.67	37.73	53.64	48.40	47.62	36.32	43.98	38.72	36.72
7/15/2009	36.55	36.24	35.66	35.66	35.66	36.42	36.24	37.20	41.82	45.80	49.56	52.59	50.27	40.38	19.95	35.92	40.38	37.68	35.92	40.39	44.17	47.75	48.39	46.94
7/16/2009	38.72	38.52	35.98	41.30	40.38	35.99	35.76	35.83	35.66	35.33	35.66	35.90	38.08	37.96	36.07	35.67	37.02	50.11	40.71	37.21	36.60	44.57	37.96	38.53
7/17/2009	36.13	35.67	36.15	35.66	35.54	35.67	40.38	40.98	44.44	47.30	49.21	47.98	49.84	50.92	41.93	38.46	35.68	50.38	48.66	42.04	36.53	38.56	41.41	37.52
7/18/2009	35.67	34.96	34.63	33.84	34.76	33.76	35.67	35.66	35.85	37.39	38.47	42.56	38.01	36.22	35.67	35.67	35.66	35.84	35.67	36.16	35.67	37.71	36.21	35.66
7/19/2009	35.66	35.67	33.81	33.79	34.23	33.99	33.99	35.89	35.67	36.66	39.89	38.39	37.38	42.71	35.67	35.66	35.66	35.66	36.09	36.62	35.69	37.69	35.87	35.67
7/20/2009	36.20	35.67	33.05	33.55	35.11	36.00	36.94	41.92	44.49	45.19	48.42	50.36	51.19	51.97	49.32	40.38	40.38	51.36	49.46	47.32	45.49	45.76	40.28	37.46
7/21/2009	36.41	35.66	34.01	35.67	35.38	36.21	40.38	40.39	41.74	47.11	47.16	47.82	45.89	37.27	36.17	35.83	35.78	47.35	48.18	36.76	36.53	48.43	44.68	37.48
7/22/2009	36.08	35.67	34.37	35.46	33.75	36.15	40.33	40.39	40.39	47.17	49.06	50.91	46.66	40.38	36.24	35.93	36.10	40.38	40.39	46.22	40.38	44.83	40.39	36.32
7/23/2009	36.30	35.66	34.79	34.45	35.12	35.67	37.46	36.98	40.38	46.88	47.60	49.01	45.41	38.09	36.78	35.87	35.66	43.19	49.48	47.05	36.29	46.04	37.74	37.27
7/24/2009	35.89	35.66	34.85	34.84	35.67	36.69	43.34	41.71	46.50	47.40	49.71	51.77	45.44	41.31	36.48	36.27	36.59	37.59	38.56	36.91	36.81	40.38	36.58	37.91
7/25/2009	35.67	35.28	35.66	35.27	34.32	35.66	35.66	35.66	36.19	38.51	43.61	46.99	45.92	40.38	36.33	36.05	35.66	36.16	37.62	35.67	36.03	38.33	36.06	35.67
7/26/2009	35.66	33.79	35.66	35.02	32.83	34.29	35.57	35.66	35.66	37.04	35.90	40.38	37.23	35.67	35.66	35.66	35.66	35.67	35.71	38.16	36.25	42.27	35.67	35.67
7/27/2009	35.67	36.10	35.66	35.66	35.66	36.01	36.94	41.78	40.38	48.12	48.00	53.64	50.61	51.13	38.14	36.24	40.39	46.34	49.52	44.24	38.26	43.62	38.62	37.41
7/28/2009	36.27	35.66	35.39	34.78	35.67	36.04	37.65	42.96	44.67	47.39	51.45	54.20	51.18	40.38	144.25	49.27	46.79	49.14	49.85	50.33	47.97	46.93	40.38	38.56
7/29/2009	36.00	35.66	35.67	33.45	35.66	36.20	37.75	40.38	40.38	47.95	50.12	44.13	48.21	35.66	37.25	36.10	35.67	45.17	41.29	48.07	44.61	35.67	43.79	36.72
7/30/2009	36.08	35.66	35.66	34.34	34.45	35.73	37.42	40.38	40.38	47.67	47.96	38.72	40.38	36.39	35.67	35.66	35.66	36.11	40.39	40.38	36.92	40.88	40.38	37.54
7/31/2009	35.92	35.67	35.66	33.73	35.67	36.31	42.27	40.39	45.19	49.16	50.29	46.30	49.67	40.39	35.67	35.67	36.99	47.31	42.85	37.11	37.00	45.82	41.73	36.21
8/1/2009	43.96	49.76	40.66	42.69	36.83	42.84	41.89	42.05	46.38	46.46	48.64	48.60	48.99	48.40	49.21	49.57	35.60	51.25	48.17	47.72	51.36	47.18	44.61	42.74
8/2/2009	40.30	42.58	38.63	40.13	35.60	38.36	40.30	48.89	45.03	43.45	44.15	46.78	49.19	48.54	47.31	47.70	50.34	48.33	49.93	49.12	48.22	47.83	49.02	42.62
8/3/2009	44.26	40.31	36.49	40.31	39.90	48.46	49.26	48.93	48.50	49.44	52.59	53.88	59.35	52.68	48.45	53.53	53.54	52.67	56.94	52.27	50.98	47.36	47.34	47.21
8/4/2009	48.54	46.95	40.31	41.58	40.26	47.28	47.28	47.40	51.52	53.53	53.68	51.16	56.27	40.31	40.30	298.69	46.54	53.54	54.09	51.61	51.09	50.50	47.64	47.58
8/5/2009	48.19	43.44	43.09	43.52	45.79	49.10	51.49	49.53	49.20	53.53	53.54	57.57	54.09	61.89	269.19	41.88	40.31	40.31	55.65	53.03	52.21	50.57	49.06	47.99
8/6/2009	50.26	45.52	38.65	38.61	40.31	49.82	50.51	47.37	50.86	50.41	52.45	53.54	53.04	50.30	44.86	40.31	51.62	47.23	53.53	52.71	53.53	49.65	47.17	45.04
8/7/2009	46.84	43.13	38.70	40.22	40.53	45.21	50.32	50.55	48.05	50.04	53.53	53.54	53.40	53.54	49.64	40.30	50.52	52.71	51.57	50.59	49.25	45.44	49.62	44.05
8/8/2009	49.70	47.53	40.30	39.89	41.80	38.95	43.78	43.66	47.26	49.45	48.78	50.06	48.39	49.67	48.11	47.98	48.74	50.91	50.82	48.08	48.77	47.36	45.42	41.91
8/9/2009	48.59	40.31	38.63	36.00	40.31	36.44	38.92	43.30	41.98	43.93	44.14	48.16	48.61	47.56	47.32	51.73	47.60	51.17	47.73	47.62	47.45	47.90	48.04	40.31
8/10/2009	48.27	42.66	39.39	36.58	40.30	49.96	49.61	47.52	49.92	50.54	53.54	52.97	53.53	48.46	51.19	51.80	40.30	54.09	52.31	53.53	53.61	51.49	48.88	50.14
8/11/2009	47.63	47.34	43.67	40.30	43.10	48.01	50.01	48.28	48.51	53.53	53.76	54.09	53.54	36.78	49.09	282.30	252.16	50.35	55.39	54.09	53.60	48.59	49.55	47.97
8/12/2009	47.99	47.71	40.30	42.12	43.67	49.89	53.53	47.34	48.88	53.53	56.19	54.09	54.09	40.31	53.53	47.24	49.97	47.00	54.09	51.75	52.57	49.06	47.95	47.36
8/13/2009	46.97	46.69	46.30	38.68	40.30	47.92	49.52	47.87	52.85	51.47	58.02	56.04	53.67	58.09	51.60	42.00	49.72	52.00	51.63	53.53	53.53	48.13	48.41	47.48
8/14/2009	50.74	47.19	38.90	42.84	40.76	47.20	47.33	49.76	47.72	51.35	53.54	53.67	54.09	53.59	40.31	41.49	48.45	53.11	51.83	51.15	48.27	50.41	48.74	46.64
8/15/2009	47.02	41.28	40.30	40.31	42.56	40.31	44.32	42.53	44.55	47.20	48.46	47.44	50.72	47.45	48.94	46.92	48.99	50.88	48.18	48.75	47.01	40.31	43.22	43.07
8/16/2009	46.58	40.78	43.01	37.58	40.54	40.15	42.23	47.51	42.87	47.34	44.62	46.24	47.41	46.70	47.02	46.90	46.17	47.76	47.23	48.60	45.08	46.08	45.32	43.86
8/17/2009	42.04	40.29	35.89	35.60	38.23	43.23	48.02	44.92	46.77	47.11	48.86	50.73	49.07	50.18	43.22	46.95	46.84	49.98	51.32	54.09	50.85	50.14	45.92	42.23
8/18/2009	44.02	41.12	40.31	36.16	40.31	47.88	51.13	51.82	50.54	53.54	53.54	54.09	51.34	50.03	47.31	42.68	35.60	51.65	53.54	54.09	56.51	53.18	52.06	48.63
8/19/2009	48.20	46.15	43.63	43.10	44.50	47.92	50.31	48.33	52.04	51.27	52.91	53.54	51.41	48.61	47.05	35.59	34.88	51.53	53.54	51.01	53.54	50.18	46.81	48.58
8/20/2009	48.50	43.35	40.58	39.35	43.37	50.78	49.20	48.65	50.92	50.82	52.96	53.50	51.41	5										

Hourly Price Forecast

Date	HOUR 1	HOUR 2	HOUR 3	HOUR 4	HOUR 5	HOUR 6	HOUR 7	HOUR 8	HOUR 9	HOUR 10	HOUR 11	HOUR 12	HOUR 13	HOUR 14	HOUR 15	HOUR 16	HOUR 17	HOUR 18	HOUR 19	HOUR 20	HOUR 21	HOUR 22	HOUR 23	HOUR 24
9/6/2009	50.13	47.66	45.28	42.63	42.66	44.63	47.85	49.54	50.68	50.67	51.30	53.43	53.99	47.62	49.41	48.90	48.44	47.54	47.44	49.23	50.15	51.99	49.87	50.31
9/7/2009	47.08	45.51	42.87	42.75	44.07	47.41	50.32	53.43	53.99	51.32	51.90	55.04	53.43	51.51	52.04	52.55	52.65	51.75	55.60	52.29	53.43	50.92	53.86	50.28
9/8/2009	49.94	46.75	44.69	43.21	44.79	50.40	49.48	53.59	53.99	53.99	51.86	53.55	50.86	52.67	53.43	50.06	52.37	51.59	53.43	52.66	53.43	50.47	53.99	48.39
9/9/2009	51.95	48.50	45.50	46.01	47.27	47.23	50.14	49.13	53.99	53.70	53.43	53.72	53.99	52.25	51.72	50.58	52.04	53.38	51.56	57.90	53.43	53.99	53.99	51.70
9/10/2009	50.38	50.25	48.43	45.93	47.33	53.43	53.43	53.99	48.93	52.34	53.43	53.43	53.43	52.08	50.28	42.11	50.30	53.99	53.34	59.30	53.94	53.99	53.62	46.28
9/11/2009	49.47	47.13	46.16	44.41	40.70	51.27	53.64	48.74	53.48	53.96	58.06	53.99	52.45	51.51	35.53	35.55	53.13	58.34	51.49	53.98	55.83	53.99	53.99	49.92
9/12/2009	49.54	48.12	45.27	43.40	43.70	47.90	48.14	47.07	50.15	51.88	53.43	53.99	50.14	50.34	48.04	47.55	48.08	47.29	49.69	47.72	49.14	49.64	49.70	47.11
9/13/2009	47.36	47.57	42.36	40.13	42.26	42.82	42.66	48.01	47.70	50.39	50.29	52.70	47.50	47.97	48.96	49.51	47.97	47.29	47.25	49.19	50.52	50.35	49.88	47.46
9/14/2009	40.23	40.56	41.83	40.23	43.81	50.78	48.78	51.22	53.99	49.15	51.00	53.99	51.38	52.37	50.55	50.61	52.50	53.43	53.99	53.43	53.43	53.71	50.05	45.74
9/15/2009	44.37	43.54	43.53	39.87	44.31	50.94	50.94	53.99	53.99	53.43	53.99	53.99	53.99	53.99	51.51	53.43	52.05	52.41	51.74	53.99	57.65	53.71	50.63	50.55
9/16/2009	46.77	45.80	40.23	42.62	45.11	50.56	48.87	53.43	53.99	53.43	51.38	53.43	52.06	51.58	51.43	49.40	53.43	53.43	53.43	53.99	50.33	49.76	50.44	49.26
9/17/2009	51.31	47.62	41.48	42.92	45.94	48.22	53.88	53.99	53.99	52.98	54.61	48.95	48.09	46.64	46.44	42.25	46.59	50.26	51.88	55.74	53.43	53.92	52.49	45.72
9/18/2009	48.79	45.71	43.37	40.23	44.64	51.24	52.81	53.54	53.99	53.99	52.59	50.49	47.25	46.69	42.24	41.23	45.57	49.60	53.43	50.77	51.45	51.65	50.50	48.53
9/19/2009	49.50	46.91	43.05	44.36	41.05	49.88	48.09	51.45	49.80	51.48	53.43	51.50	47.11	46.38	44.41	47.13	45.77	46.45	48.20	47.16	53.43	49.29	51.04	46.87
9/20/2009	42.52	45.81	40.23	40.23	40.23	41.07	42.09	48.36	47.94	49.54	50.41	50.70	46.76	48.77	46.64	47.07	46.38	46.72	47.92	50.51	53.66	49.48	48.44	47.11
9/21/2009	47.48	41.09	41.31	39.87	42.85	52.23	53.99	53.99	53.99	53.99	53.99	52.09	53.43	53.77	53.43	53.43	45.67	53.43	58.01	54.27	52.17	50.60	45.54	
9/22/2009	47.28	43.80	41.51	41.49	43.80	52.75	50.82	50.71	53.68	50.27	51.39	53.43	49.20	50.28	49.15	48.52	50.15	49.50	53.43	53.99	49.02	53.43	49.51	46.32
9/23/2009	49.60	48.60	40.23	42.77	46.46	51.87	50.77	53.43	53.99	53.46	53.76	52.32	50.83	47.92	53.43	49.94	49.33	48.96	55.98	59.86	53.79	51.50	51.34	49.17
9/24/2009	50.00	46.58	44.77	43.26	45.53	51.78	51.63	53.99	52.61	50.54	50.35	49.27	46.67	45.34	42.13	38.21	45.48	48.88	50.94	52.28	53.99	50.83	50.67	46.45
9/25/2009	43.76	43.84	42.68	40.23	44.89	50.59	51.79	52.36	53.99	53.63	53.43	53.99	47.26	42.93	40.20	35.53	41.56	47.22	49.64	53.56	52.68	50.69	49.28	47.10
9/26/2009	47.18	46.46	44.11	42.71	46.75	46.44	48.41	47.54	48.52	50.73	49.98	51.98	46.96	43.34	41.49	42.44	43.77	43.09	49.71	53.46	52.33	44.20	47.09	43.12
9/27/2009	47.48	43.25	38.15	41.06	41.62	40.07	53.34	47.56	47.50	46.62	47.05	48.81	49.61	45.28	45.81	43.16	43.50	44.41	49.45	53.99	53.44	49.42	47.59	42.50
9/28/2009	44.81	41.65	42.68	39.90	44.74	53.43	47.45	53.99	53.99	54.01	51.78	53.90	51.15	51.47	49.29	48.78	48.17	46.99	59.22	59.64	51.51	46.76	46.77	45.71
9/29/2009	42.44	43.68	43.02	43.10	48.57	50.73	52.85	53.96	53.43	53.99	49.81	56.04	49.09	51.06	51.46	46.86	47.47	53.43	59.75	56.36	53.99	46.61	48.44	42.60
9/30/2009	44.77	41.46	40.23	40.45	47.24	50.29	50.76	53.43	53.43	53.80	47.92	48.44	49.57	47.84	48.98	48.43	47.88	48.77	59.30	177.74	53.43	49.70	44.12	40.23

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