

## BP-18 Rate Proceeding

### Initial Proposal

# Transmission Rates Study and Documentation

BP-18-E-BPA-08

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# TRANSMISSION RATES STUDY AND DOCUMENTATION

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## COMMONLY USED ACRONYMS AND SHORT FORMS

ACNR	Accumulated Calibrated Net Revenue
ACS	Ancillary and Control Area Services
AF	Advance Funding
aMW	average megawatt(s)
ANR	Accumulated Net Revenues
ASC	Average System Cost
BAA	Balancing Authority Area
BiOp	Biological Opinion
BPA	Bonneville Power Administration
Btu	British thermal unit
CDQ	Contract Demand Quantity
CGS	Columbia Generating Station
CHWM	Contract High Water Mark
CNR	Calibrated Net Revenue
COE	U.S. Army Corps of Engineers
COI	California-Oregon Intertie
Commission	Federal Energy Regulatory Commission
Corps	U.S. Army Corps of Engineers
COSA	Cost of Service Analysis
COU	consumer-owned utility
Council	Northwest Power and Conservation Council
CP	Coincidental Peak
CRAC	Cost Recovery Adjustment Clause
CSP	Customer System Peak
CT	combustion turbine
CY	calendar year (January through December)
DD	Dividend Distribution
dec	decrease, decrement, or decremental
DERBS	Dispatchable Energy Resource Balancing Service
DFS	Diurnal Flattening Service
DNR	Designated Network Resource
DOE	Department of Energy
DOI	Department of Interior
DSI	direct-service industrial customer or direct-service industry
DSO	Dispatcher Standing Order
EE	Energy Efficiency
EIS	Environmental Impact Statement
EN	Energy Northwest, Inc.
ESA	Endangered Species Act
ESS	Energy Shaping Service
e-Tag	electronic interchange transaction information
FBS	Federal base system
FCRPS	Federal Columbia River Power System
FCRTS	Federal Columbia River Transmission System

FELCC	firm energy load carrying capability
FORS	Forced Outage Reserve Service
FPS	Firm Power and Surplus Products and Services
FPT	Formula Power Transmission
FY	fiscal year (October through September)
G&A	general and administrative (costs)
GARD	Generation and Reserves Dispatch (computer model)
GMS	Grandfathered Generation Management Service
GSR	Generation Supplied Reactive
GRSPs	General Rate Schedule Provisions
GTA	General Transfer Agreement
GWh	gigawatthour
HLH	Heavy Load Hour(s)
HOSS	Hourly Operating and Scheduling Simulator (computer model)
HYDSIM	Hydrosystem Simulator (computer model)
IE	Eastern Intertie
IM	Montana Intertie
inc	increase, increment, or incremental
IOU	investor owned utility
IP	Industrial Firm Power
IPR	Integrated Program Review
IR	Integration of Resources
IRD	Irrigation Rate Discount
IRM	Irrigation Rate Mitigation
IS	Southern Intertie
kcfs	thousand cubic feet per second
kW	kilowatt
kWh	kilowatthour
LDD	Low Density Discount
LLH	Light Load Hour(s)
LPP	Large Project Program
LPTAC	Large Project Targeted Adjustment Charge
Maf	million acre-feet
Mid C	Mid Columbia
MMBtu	million British thermal units
MRNR	Minimum Required Net Revenue
MW	megawatt
MWh	megawatthour
NCP	Non-Coincidental Peak
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NFB	National Marine Fisheries Service (NMFS) Federal Columbia River Power System (FCRPS) Biological Opinion (BiOp)
NLSL	New Large Single Load
NMFS	National Marine Fisheries Service
NOAA Fisheries	National Oceanographic and Atmospheric Administration Fisheries



NORM	Non-Operating Risk Model (computer model)
Northwest Power Act	Pacific Northwest Electric Power Planning and Conservation Act
NP-15	North of Path 15
NPCC	Pacific Northwest Electric Power and Conservation Planning Council
NPV	net present value
NR	New Resource Firm Power
NRFS	NR Resource Flattening Service
NT	Network Integration
NTSA	Non-Treaty Storage Agreement
NUG	non-utility generation
NWPP	Northwest Power Pool
OATT	Open Access Transmission Tariff
O&M	operation and maintenance
OATI	Open Access Technology International, Inc.
OS	Oversupply
OY	operating year (August through July)
PDCI	Pacific DC Intertie
Peak	Peak Reliability (assessment/charge)
PF	Priority Firm Power
PFp	Priority Firm Public
PFx	Priority Firm Exchange
PNCA	Pacific Northwest Coordination Agreement
PNRR	Planned Net Revenues for Risk
PNW	Pacific Northwest
POD	Point of Delivery
POI	Point of Integration or Point of Interconnection
POR	Point of Receipt
Project Act	Bonneville Project Act
PS	Power Services
PSC	power sales contract
PSW	Pacific Southwest
PTP	Point to Point
PUD	public or people's utility district
PW	WECC and Peak Service
RAM	Rate Analysis Model (computer model)
RCD	Regional Cooperation Debt
RD	Regional Dialogue
REC	Renewable Energy Certificate
Reclamation	U.S. Bureau of Reclamation
RDC	Reserves Distribution Clause
REP	Residential Exchange Program
REPSIA	REP Settlement Implementation Agreement
RevSim	Revenue Simulation Model
RFA	Revenue Forecast Application (database)
RHWM	Rate Period High Water Mark

ROD	Record of Decision
RPSA	Residential Purchase and Sale Agreement
RR	Resource Replacement
RRS	Resource Remarketing Service
RSC	Resource Shaping Charge
RSS	Resource Support Services
RT1SC	RHWM Tier 1 System Capability
SCD	Scheduling, System Control, and Dispatch rate
SCS	Secondary Crediting Service
SDD	Short Distance Discount
SILS	Southeast Idaho Load Service
Slice	Slice of the System (product)
T1SFCO	Tier 1 System Firm Critical Output
TCMS	Transmission Curtailment Management Service
TGT	Townsend-Garrison Transmission
TOCA	Tier 1 Cost Allocator
TPP	Treasury Payment Probability
TRAM	Transmission Risk Analysis Model
Transmission System Act	Federal Columbia River Transmission System Act
Treaty	Columbia River Treaty
TRL	Total Retail Load
TRM	Tiered Rate Methodology
TS	Transmission Services
TSS	Transmission Scheduling Service
UAI	Unauthorized Increase
UFT	Use of Facilities Transmission
UIC	Unauthorized Increase Charge
ULS	Unanticipated Load Service
USACE	U.S. Army Corps of Engineers
USBR	U.S. Bureau of Reclamation
USFWS	U.S. Fish & Wildlife Service
VERBS	Variable Energy Resources Balancing Service
VOR	Value of Reserves
VR1-2014	First Vintage Rate of the BP-14 rate period (PF Tier 2 rate)
VR1-2016	First Vintage Rate of the BP-16 rate period (PF Tier 2 rate)
WECC	Western Electricity Coordinating Council
WSPP	Western Systems Power Pool

1                   **1. INTRODUCTION TO THE TRANSMISSION RATES STUDY**

2

3       **1.1 Purpose**

4       The Transmission Rates Study describes the rate design process and the calculations used for  
5       developing transmission rates for BPA’s wholesale transmission services for fiscal years (FY)  
6       2018 and 2019. The primary purpose of this Study is to demonstrate that the rates have been  
7       developed in a manner consistent with statutory directives and will recover the transmission  
8       revenue requirement for the rate period. The transmission rates can be found in the  
9       Transmission, Ancillary and Control Area Service Rate Schedules, BP-18-E-BPA-11.

10

11       This Study also discusses the development and calculation of rates for two ancillary services that  
12       are associated with transmission service: (1) Scheduling, System Control, and Dispatch (SCD)  
13       Service, and (2) Reactive Supply and Voltage Control from Generation Sources Service (also  
14       known as Generation Supplied Reactive (GSR) Service). The Generation Inputs Testimony,  
15       BP-18-E-BPA-18, discusses the generation input settlement proposal and the rates for the  
16       ancillary and control area services covered by the settlement proposal.

17

18       This Study is organized into seven sections. The first is this introduction, which includes a  
19       discussion of the statutory and contractual basis for rate development and an overview of the  
20       rate design process and methodology. Section 2 describes the sales and revenue forecasts used  
21       to calculate the rates for network and intertie services. Section 3 describes revenue credits and  
22       other adjustments that are applied to the revenue requirements. Section 4 describes the  
23       calculation of the rates for transmission service over the Network segment. Section 5 describes

1 the calculation of the rates for intertie transmission services. Section 6 describes the calculation  
2 of the rates for SCD and GSR services. Section 7 discusses other transmission services and the  
3 General Rate Schedule Provisions (GRSPs). The Transmission Rates Study includes the  
4 documentation to support the calculations performed in this Study.

## 6 **1.2 Basis for Rate Development**

### 7 **1.2.1 Statutes**

8 In accordance with section 4 of the Federal Columbia River Transmission System Act  
9 (Transmission System Act), BPA constructs, operates, and maintains the Federal Columbia River  
10 Transmission System (FCRTS) to (a) integrate and transmit electric power from existing or  
11 additional Federal or non-Federal generating units; (b) provide service to BPA customers;  
12 (c) provide interregional transmission facilities; and (d) maintain the electrical stability and  
13 reliability of the system. 16 U.S.C. § 838b (2016).

14  
15 Section 7(a) of the Northwest Power Act sets forth the overall guidelines to be used in  
16 establishing BPA's rates. Under section 7(a)(2), rates are effective upon a finding by the Federal  
17 Energy Regulatory Commission (Commission or FERC) that the rates:

- 18 • are sufficient to ensure repayment of the Federal investment in the Federal  
19 Columbia River Power System over a reasonable number of years after first  
20 meeting the BPA Administrator's other costs;
- 21 • are based upon the BPA Administrator's total system costs; and

- insofar as transmission rates are concerned, equitably allocate the costs of the Federal transmission system between Federal and non-Federal power utilizing the FCRTS. *Id.* § 839e(a)(2).

Section 9 of the Transmission System Act provides that rates shall be established (1) to encourage the widest possible diversified use of electric power at the lowest possible rates consistent with sound business principles; (2) to recover the cost of producing and transmitting electric power, including amortization of the capital investment allocated to power over a reasonable number of years; and (3) at levels that produce such additional revenues as may be required to pay the principal, premiums, discounts, expenses, and interest in connection with bonds issued under the Transmission System Act. *Id.* § 838g. Section 10 of the Transmission System Act allows for uniform rates and specifies that the costs of the Federal transmission system be equitably allocated between Federal and non-Federal uses of the system. *Id.* § 838h.

Section 212(i) of the Federal Power Act sets forth additional ratemaking requirements for transmission rates for transmission service ordered by the Commission. *Id.* § 824k(i).

Section 211A of the Federal Power Act authorizes the Commission to require unregulated transmitting utilities (including BPA) to provide transmission service at rates comparable to those that the unregulated transmitting utilities charge themselves. *Id.* § 824j-1.

### **1.2.2 Existing Contractual Arrangements**

The transmission rates developed in this Study will apply to existing agreements and to new agreements established under BPA's Open Access Transmission Tariff (OATT) for the FY 2018

1 to 2019 rate period. For some contracts, such as Direct Service Industry (DSI) delivery  
2 contracts, rates change according to a contract schedule independent of the rate proceeding.  
3 Under those contracts, new rates will apply only if the rate is due to change under the contract  
4 schedule. Other contracts, such as Operations and Maintenance (O&M) and Use-of-Facilities  
5 (UFT) contracts, are fixed-price or formula rate contracts and are not affected by the rate design  
6 process discussed in this Study.

### 8 **1.3 Overview of Transmission Rate Design Process and Methodology**

9 BPA establishes transmission rates by determining the overall costs of the transmission system  
10 (revenue requirement) and allocating those costs to its various customer classes through  
11 processes of segmentation (discussed below) and cost allocation. The costs allocated to the  
12 various segments and customer classes are then divided by the forecast usage of those segments  
13 and customer classes to derive transmission rates.

14  
15 This Study relies on the results of the Transmission Segmentation Study and the Transmission  
16 Revenue Requirement Study to calculate the rates. Sections 1.3.1 and 1.3.2 provide an overview  
17 of these studies.

#### 19 **1.3.1 Transmission Segmentation Study**

20 BPA assigns transmission facilities to segments based on how those facilities are used. The  
21 Transmission Segmentation Study, BP-18-E-BPA-07, explains how BPA established its  
22 segments for the FY 2018–2019 rate period and determined the investment and O&M expense  
23 ratios for each segment. BPA has established seven segments for the purposes of developing

1 rates for the rate period: Generation Integration, Network, Southern Intertie, Eastern Intertie,  
2 Utility Delivery, DSI Delivery, and Ancillary Services.

3  
4 The gross investment and historical O&M costs for each segment are identified in the  
5 Transmission Segmentation Study. These inputs are used in the Transmission Revenue  
6 Requirement Study to develop segmented investment ratios (the percentage of total net plant  
7 investment represented by each segment's plant investment) and O&M cost ratios (the share of  
8 total O&M costs represented by each segment's historical O&M costs). In the Transmission  
9 Revenue Requirement Study, these ratios are used to determine the portion of the transmission  
10 revenue requirement that is allocated to each segment.

### 11 12 **1.3.2 Transmission Revenue Requirement Study**

13 The Transmission Revenue Requirement Study establishes the amount of revenue needed to  
14 recover the costs associated with providing transmission services for the rate period. The  
15 revenue requirement is based on program-level expenses and capital expenditures developed in  
16 the 2016 Capital Investment Review and Integrated Program Review processes, which preceded  
17 the rate development process.

18  
19 The Transmission Revenue Requirement Study determines the revenue requirements for each  
20 segment (the segmented revenue requirement) by applying the investment and O&M ratios  
21 developed in the Transmission Segmentation Study to the overall transmission revenue  
22 requirement. The segmented transmission revenue requirement for FY 2018–2019 is shown in

1 Table 1 in this Study. Section 2 of the Transmission Revenue Requirement Study, BP-18-E-  
2 BPA-09, describes this allocation.

3  
4 **1.3.3 Transmission Rates Study**

5 Development of the rates for the transmission and ancillary services addressed in this Study  
6 relies on two primary inputs: (1) sales forecasts developed as part of this Study; and (2) the  
7 segmented transmission revenue requirements developed in the Transmission Revenue  
8 Requirement Study. This Study takes the segmented transmission revenue requirements,  
9 allocates these revenue requirements to the various transmission services, and divides the  
10 allocated revenue requirements by the sales forecasts for each transmission service developed in  
11 the rates Study to calculate a rate for each service. This Study demonstrates that the rates have  
12 been developed in a manner consistent with statutory directives and that they are sufficient to  
13 recover the allocated transmission revenue requirement for the rate period.





1 In addition, BPA forecasts transmission credits and related interest expense associated with  
2 generator interconnection agreements and the California-Oregon Intertie (COI) upgrade project.  
3 These transmission credits are applied to customers' invoices for transmission service and result  
4 in non-cash revenue (the related interest expense represents non-cash expenses). The non-cash  
5 revenues are included in the revenue forecasts because the transmission services to which they  
6 apply are included in the sales forecasts. BPA forecasts the transmission credits separately  
7 because the non-cash revenues and expenses have other impacts on revenue requirements and  
8 cost recovery. These impacts are described further in section 2.3.5 of the Transmission Revenue  
9 Requirement Study. The development of these credits are described later in this document.  
10

## 11 **2.2 Sales Forecasts for Transmission Service on BPA's Network**

12 Sales forecasts for long-term transmission services are generally based on measures of use to  
13 which the charges for the service are applied. Sales forecasts of Network Integration (NT)  
14 transmission service are based on load forecasts because the charges for this transmission service  
15 are based on the customers' loads. Sales forecasts of long-term Point-to-Point (PTP)  
16 transmission service, Integration of Resources (IR) transmission service, and Formula Power  
17 Transmission (FPT) service are based on transmission contract demand or reserved capacity  
18 because the charges for these services are based on the demand or capacity amounts specified in  
19 the customers' transmission contracts. BPA includes both existing sales and expected future  
20 sales in the forecasts.  
21

22 Because short-term PTP service is not reserved far in advance, there are no existing reserved  
23 capacities during the rate period on which to base the sales forecast. Instead, the forecast is

1 developed using the statistical relationship between historical short-term sales data and historical  
2 price spread and streamflow data. It is assumed that the historical relationship represents the  
3 future relationship between short-term sales and streamflow and forecast price spread. The  
4 methodology for forecasting sales for each transmission service is discussed in more detail  
5 below.

### 7 **2.2.1 Sales Forecast for NT Transmission Service**

8 Network Integration service provides transmission service for a customer's designated network  
9 load, including network load growth, over the Network segment. BPA develops two versions  
10 of monthly load forecasts for NT service: a non-coincident peak forecast and a coincident peak  
11 forecast. The non-coincident peak forecast, which is used in the Network segment cost  
12 allocation methodology, is a forecast of the customer's highest hourly load. The customer's  
13 highest hourly load is the sum of the hourly load at the customer's Point(s) of Delivery (PODs)  
14 on the hour of the month in which this sum is the highest. The coincident peak forecast, which  
15 is used to calculate the NT rate and to develop the sales forecasts used to forecast revenue at  
16 the current and proposed NT rates, is a forecast of the customer's load at each POD on the hour  
17 of the monthly BPA transmission system peak. These load forecasts include all retail loads  
18 (residential, commercial, and industrial loads) in the customer's service territory.

#### 20 **2.2.1.1 Determination of a Customer's Non-Coincident Peak Load Forecast**

21 BPA uses a multi-step process to determine NT customers' non-coincident peak POD load  
22 forecasts. Steps 1 and 2 describe how BPA determines the customer's maximum hourly load  
23 at the customer's PODs during each month of the rate period. Steps 3 and 4 explain how BPA

1 adjusts the maximum hourly load forecast to determine the sum of the hourly load at the  
2 customer's PODs on the hour in which this sum is the highest (the highest hourly load). The  
3 non-coincident peak load forecast is used for the Network segment cost allocation, described in  
4 section 4.

#### 6 **Step 1: Regression Analysis of Historical Meter Readings**

7 BPA uses a regression analysis to identify the historical relationship between POD load levels  
8 and temperature. A regression analysis evaluates how one variable (in this case load levels)  
9 changes, given changes in independent variables (such as temperature). The regression  
10 analysis identifies the statistical relationship between historical load levels at individual PODs  
11 and temperature, among other variables. For historical load level data, the analysis typically  
12 uses historical monthly meter readings from individual PODs from 2003 to 2015, a period of  
13 time that includes a large enough sample to perform meaningful statistical analysis. A shorter  
14 period is used for any customer for which these years would not accurately reflect load growth,  
15 such as a customer that added a sizeable new load in recent years.

16 For temperature data, BPA uses actual historical temperatures from National Oceanic and  
17 Atmospheric Administration weather stations from the same time period. For each POD, the  
18 analysis uses temperature data from a weather station near the POD and identifies the  
19 relationship between the load levels and temperature. The model confirms that both increasing  
20 and decreasing temperatures can result in increasing load levels. Increasing temperatures lead  
21 to greater use of air conditioning during warm weather periods, while decreasing temperatures  
22 lead to greater use of heating equipment during cold weather periods.

1 The analysis also calculates the relationship between load levels and month of the year. The  
2 analysis confirms that in certain months loads are typically higher than in other months,  
3 regardless of temperature. For example, January loads are typically higher than March loads  
4 because there are fewer daylight hours and, thus, more lighting use in January than in March.  
5 As another example, December loads tend to be higher because of increased use of decorative  
6 lighting for the holiday season. The analysis determines the amount by which load changes in  
7 each month, regardless of temperature. A variable assigned to each month, referred to as the  
8 monthly indicator variable, represents the amount by which load varies in each month.

9  
10 Finally, individual PODs may have a load shape that is independent of the temperature and  
11 monthly variables. Energy efficiency measures, new construction, economic cycles and  
12 population changes affect electrical consumption and can increase or decrease load at a POD.  
13 Therefore, the analysis calculates how historical load levels at each POD change over time,  
14 independent of both temperature and month. A variable assigned to each month, referred to as  
15 the time trend variable, represents the amount by which load changes over time independent of  
16 other variables.

17  
18 BPA uses a forecasting model that incorporates the relationships identified by the regression  
19 analysis for each POD and applies indicators of future conditions, discussed below, to develop  
20 the load forecast. The model assumes that historical relationships between the dependent  
21 variable (load) at each POD and the independent variables (temperature, the monthly indicator,  
22 and the time trend variable) represent future relationships. The model applies variables  
23 representing possible future conditions to the relationships to produce a load forecast.

1 **Step 2: Application of Indicators of Future Conditions to Model Forecast Load**  
2 **at Each POD**

3 BPA forecasts the maximum hourly load at each POD in the customer's contract for each month  
4 of the billing period, using the relationships identified in the regression analysis. BPA inputs  
5 into the model independent variables that represent possible future conditions. The variables  
6 include a temperature indicator, a monthly indicator, and time trend variables discussed above.

7  
8 A temperature indicator is the average heating degree days and cooling degree days. Heating  
9 and cooling degree days are calculated from daily average temperatures between 1970 and 2004  
10 and area base temperatures for the geographic area. The daily average temperature is the average  
11 of the daily minimum and maximum outdoor temperatures on a given day. The area base  
12 temperature is the temperature that reflects the use of heating and cooling equipment in that area  
13 and other characteristics of the residential, commercial, and industrial load. Heating degree days  
14 are days that the daily average temperature is below the area base temperature for the geographic  
15 area. Cooling degree days are days that the daily average temperature is above the area base  
16 temperature for the geographic area. There is a positive relationship between heating and  
17 cooling degree days and load change. More heating degree days mean colder than average  
18 temperatures and higher loads from increased use of heating equipment. More cooling degree  
19 days mean warmer than average temperatures and higher loads from increased use of air  
20 conditioning equipment.

21  
22 The model next applies a monthly indicator variable and the time trend variable to forecast loads  
23 for each future month being evaluated. The monthly indicator variable triggers the model to

1 include in the forecast the amount by which historical loads in that month have tended to change  
2 over time, regardless of temperature. For example, if the month being forecast is January, the  
3 model forecasts loads based on the amount by which loads in January are historically higher than  
4 loads in other months, regardless of temperature. Similarly, the time trend variable triggers the  
5 model to include in the forecast the amount by which historical loads have changed over time,  
6 regardless of temperature and monthly indicator. For example, if the forecast is being developed  
7 for June in the first year of the rate period, the model will forecast loads differently, based on  
8 historical time trends from Step 1, than it would if the forecast were for June of the second year  
9 of the rate period. The time trend variable triggers the model to incorporate into the forecast the  
10 amount of load increase that is not attributable to temperature or calendar month.

11  
12 After the inputs are included in the model, the model produces a forecast of the maximum hourly  
13 load at each POD for each month of the rate period.

### 14 15 **Step 3: Adjustment of Maximum Hourly Load at the PODs**

16 Because the maximum hourly load at each POD may not occur on the hour of the month in  
17 which the sum of the customer's load at all of its PODs is highest, BPA adjusts the forecast of  
18 the maximum hourly load at each POD by a coincident factor for each month. The coincident  
19 factor is the average of the ratios of the historical POD load on the hour of the customer's  
20 monthly peak load to the historical POD load on the hour of that POD's peak load during the  
21 same month, for the same years used for the regression analysis (typically 2003 to 2015). For  
22 example, to determine the July coincident factor, first BPA determines the ratio for each July  
23 of the historical period. The ratio for July 2015, as an example, is calculated by dividing the

1 load at POD A during the hour of the customer's highest hourly load (assume it is 3 MW and  
2 occurs at 1:00 p.m. on July 7, 2015) by the maximum load at POD A (assume it is 4 MW at  
3 2:00 p.m. on July 8, 2015). In this example, the ratio would be 3 divided by 4, which equals  
4 75 percent. Next, BPA averages the July ratios in the historical period to determine a July  
5 coincident factor. BPA multiplies the forecast of the maximum hourly load for the month at  
6 the POD by its monthly coincident factor to determine the forecast POD load on the hour of  
7 the customer's peak load for the month.

#### 8 9 **Step 4: Determination of Customer's POD Load Forecast**

10 BPA adds the adjusted POD load forecasts to determine the customer's highest hourly load for  
11 that month. The POD load forecast is used for the Network segment cost allocation.

#### 12 13 **2.2.1.2 Determination of Customer's Coincident Peak POD Load Forecast**

14 BPA forecasts the customer's coincident peak load on the hour of the monthly BPA  
15 transmission system peak to calculate the rate and to develop the sales forecasts to forecast  
16 revenue at the current and proposed NT rate. BPA develops the coincident peak forecast using  
17 the same methodology used for the non-coincident peak POD load forecast described above in  
18 steps 1 and 2 of section 2.2.1.1 (BPA does not use steps 3 and 4). Next, BPA adjusts the  
19 maximum hourly load forecast for the POD to reflect the load on the hour of BPA's monthly  
20 transmission system peak. (The billing factor for the NT-18 rate is the customer's load on the  
21 hour of BPA's monthly transmission system peak.) These sales forecasts are shown in  
22 Table 4, lines 16-19, 35-38, and 51-54. The forecast of revenue at current rates is shown in  
23 Table 12.



1 **2.2.1.3 NT Sales Forecast**

2 As noted above, this Study develops a non-coincident peak NT load forecast for cost allocation  
3 and a coincident peak NT load forecast to calculate the NT rate and for the NT sales forecast  
4 used in the revenue forecast. *See* Table 4 (the non-coincident peak NT load forecasts developed  
5 in section 2.2.1.1 for FY 2018–2019 and the average over the rate period is shown in lines 17,  
6 36, and 52; the coincident peak load forecasts developed in section 2.2.1.2 for FY 2018–2019  
7 and the average over the rate period are shown in lines 13, 32, and 48).

8  
9 For the Network segment cost allocation (described further in section 4), BPA reduces the  
10 monthly non-coincident peak load forecasts to reflect the impact, in megawatts, of the NT Short  
11 Distance Discount (SDD). The SDD applies to a customer’s Network Resources that are  
12 designated for at least 12 months and that use FCRTS facilities for less than 75 circuit miles for  
13 delivery to Network Load. BPA forecasts a reduction in sales due to the SDD by multiplying the  
14 average generation of the designated network resource during heavy load hours (HLH) by the  
15 SDD formula of  $40\% \times (75 - \text{distance}) / 75$ . *See* Table 4 (forecast NT SDD during the rate  
16 period is shown in lines 11 and 30).

17  
18 For the revenue forecast and as the billing determinant used to calculate the NT rate (discussed  
19 further in section 4), BPA reduces the monthly coincident peak load forecasts to reflect the  
20 impact, in megawatts, of the NT SDD. *See* Table 4 (forecasts developed in section 2.2.1.2 for  
21 FY 2018–2019 and the average over the rate period, including a reduction for the NT SDD, are  
22 shown in lines 14, 33, and 49). BPA uses the average of the monthly coincident peak load  
23 forecasts, including a reduction for the NT SDD, for each fiscal year.

1 To calculate the NT SCD and GSR Ancillary Services rates (discussed further in section 6), this  
2 Study uses the average of the monthly coincident peak load forecasts, not including a reduction  
3 for the NT SDD.  
4

## 5 **2.2.2 Sales Forecast for PTP Transmission Service on the Network**

6 PTP transmission service provides for the transmission of energy on a firm or non-firm basis  
7 from specific point(s) of receipt to specific point(s) of delivery under Part II of BPA's OATT.

8 PTP service may be long-term (one year or longer) or short-term (hourly, daily, weekly, or  
9 monthly service). BPA separately forecasts sales of long-term and short-term PTP transmission  
10 service on the Network.  
11

### 12 **2.2.2.1 Long-Term PTP Transmission Service Sales Forecast**

13 This Study includes forecasts of both existing sales and expected additional sales of long-term  
14 PTP service on the Network during the rate period. The forecast of existing long-term PTP sales  
15 is based on:

16 (a) current long-term reserved capacities effective through the FY 2018–2019 rate period.

17 This forecast includes all confirmed reservations for service during the rate period,

18 including confirmed reservations for Conditional Firm Service; and

19 (b) current long-term firm reserved capacities with start dates that have been deferred

20 pursuant to OATT section 17.7 (extensions for commencement of service), which reduce

21 the sales forecast for the period of the deferral.  
22  
23

1 The forecast of expected additional long-term PTP sales on the Network is based on:

- 2 (a) long-term sales that have not yet been requested, but are expected to be requested and  
3 begin during the rate period, including renewals of service under OATT section 2.2  
4 (associated with existing agreements);
- 5 (b) Network Open Season reservations that are expected to be confirmed during the rate  
6 period (that is, service BPA expects to offer as a result of new or additional  
7 infrastructure BPA plans to place into service during the rate period);
- 8 (c) long-term PTP sales to customers whose existing IR or FPT agreements are expiring  
9 during the rate period and that are expected to convert their transmission to PTP service  
10 on the Network; and
- 11 (d) expected OATT section 17.7 customer deferrals (extensions for commencement of  
12 service), which reduce the sales forecast for the period of the deferral.

13  
14 In forecasting expected additional long-term PTP sales on the Network, BPA also considers a  
15 variety of information sources. BPA examines requests in the queue. BPA consults with  
16 customers, account executives, and others with knowledge about long-term PTP requests  
17 concerning expected service demand, start date, length of the service, and whether the customer  
18 is expected to accept the offer. BPA also considers the potential for additional sales as a result of  
19 new or changed business practices that are expected to be in effect during the rate period. The  
20 forecast reflects the most likely scenario based on this information. If there is a great deal of  
21 uncertainty in the information gathered through this process, BPA looks at historical sales to the  
22 customer to determine whether the additional sales should be included in the forecast.

1 Table 4 also includes adjusted forecasts that are developed in this Study to reflect the impact of  
2 the SDD in the PTP rate schedules. The PTP SDD applies to the contract demand for any long-  
3 term reservation using less than 75 circuit miles of BPA transmission. The adjusted forecasts are  
4 developed by multiplying the reserved capacity for each reservation or request to which the SDD  
5 applies by the distance-based percentage:  $40\% \times (75 - \text{distance}) / 75$ . This adjustment is made to  
6 both existing and expected sales to which the SDD applies.

7  
8 This Study calculates the average of the monthly sales forecasts, including the reduction for the  
9 SDD, over the rate period and for each fiscal year. The average of the monthly sales forecasts  
10 for each fiscal year, including the reduction for the SDD, is used to establish the revenue forecast  
11 from long-term PTP sales. The average of the sales forecasts over the rate period, not including  
12 the reduction for the SDD, is used for the Network segment cost allocation, discussed in  
13 section 4.

14  
15 This Study uses the average PTP sales forecast for each fiscal year, not including the reduction  
16 for the SDD, to calculate an average for the rate period, which is used to establish the sales  
17 forecast for SCD and GSR services (described further in section 2.4). *See* Table 4.

#### 18 19 **2.2.2.2 Short-Term PTP Network Sales Forecast**

20 Short-term PTP sales are firm or non-firm sales of less than one year, including monthly,  
21 weekly, daily, and hourly sales. Because short-term PTP service is not reserved far in advance,  
22 there are no existing reserved capacities on which to base the sales forecast. Therefore, the  
23 forecast of short-term PTP sales expected to occur during the rate period is developed with a

1 regression model that relies on key market variables – streamflow and price spreads. This  
2 method develops a forecast that reflects (1) historical relationships between sales and market  
3 indicators and (2) expected market conditions over the rate period.  
4

5 BPA performs a regression analysis to determine the statistical relationship between short-term  
6 PTP sales and market indicators (streamflow and price spread). The streamflow data used is  
7 historical regulated streamflow at The Dalles, obtained from the U.S. Geological Survey  
8 (USGS). The price spread data used is historical day-ahead power prices at North-of-Path 15  
9 (NP-15, a weighted price of Northern California) and at Mid-Columbia (Mid-C, a trading point  
10 in the Pacific Northwest) obtained from Intercontinental Exchange (ICE, an operator of over-  
11 the-counter electricity markets) and the California Independent System Operator. The analysis  
12 uses historical data from October 2006 through April 2016 for all sets of data—sales,  
13 streamflow, and price spread.  
14

15 BPA performs one regression analysis for BPA Power Services’ short-term PTP reservations  
16 and another for all other customers’ short-term PTP reservations. BPA analyzes BPA Power  
17 Services’ reservations separately from other customers because its reservations correlate with  
18 different variables than other customers. For sales of short-term PTP service to BPA’s Power  
19 Services, the regression analysis is performed on historical short-term PTP sales against  
20 streamflow only, because as streamflow increases, short-term sales to Power Services tend to  
21 increase, while price spread and seasonality do not tend to influence short-term sales for Power  
22 Services. This is because streamflow at The Dalles is a proxy for power generated on the  
23 Federal Columbia River Power System (FCRPS) This generation can occur whether or not

1 there are strong price spreads that incentivize generation. For short-term PTP sales to  
2 customers other than BPA Power Services, BPA performs the regression analysis on historical  
3 short-term PTP sales against streamflow, price spread, and seasonality. For these customers,  
4 there is a significant statistical relationship between sales and streamflow, price spread, and  
5 seasonality.

6  
7 The forecast for future market conditions (streamflow, price spread and seasonality) are inputs to  
8 the development of the rate forecast. The streamflow model uses average streamflow at  
9 The Dalles from 1950 through 2015. This dataset has streamflow data for each month in each of  
10 those years. The price spread forecast is derived from Mid-C and NP-15 forward prices obtained  
11 from ICE. These forward prices represent expected power prices during the rate period. The  
12 Mid-C forecast price is subtracted from the NP-15 forecast price to obtain the price spread input  
13 to the forecasting model to predict future sales. To account for monthly seasonality, the model  
14 incorporates dummy variables to capture the monthly trends of short-term sales observed in the  
15 first step.

16  
17 BPA incorporates uncertainty around the streamflow, price spread and other parameters using a  
18 Microsoft Excel add-in, @RISK<sup>®</sup>, Professional version 6.1.1 (© Palisade Corporation).  
19 @RISK<sup>®</sup> uses a Monte Carlo-based simulation (a method that uses repeated simulations to  
20 determine a range of possible outcomes) to run 3,500 short-term sales forecasting iterations to  
21 generate the distribution of possible sales under a variety of streamflow and price spread  
22 conditions. BPA also models risk around the forecast of other market indicators that are used to  
23 develop the sales forecast. BPA models variability in streamflow using the 1950–2015

1 streamflow dataset for the Columbia River at The Dalles. To determine the variability for price  
2 spread used in @RISK<sup>®</sup>, BPA uses ICE forward prices for Mid-C and NP-15 to represent  
3 expected power prices during the rate period. The model creates variability around the ICE  
4 forward prices by inputting factors that affect power prices, such as natural gas prices, Columbia  
5 River streamflows, and ambient temperatures in the BPA load area. By running games that  
6 randomly sample natural gas, streamflow, and temperature data and applying that data to the  
7 historical relationships between these factors and power prices, the model produces power prices  
8 at Mid-C and NP-15 for each month, which are adjusted for natural gas price, streamflow, and  
9 seasonal variation. The outcome of each game is a forecast for short-term sales for each month  
10 of each year of the rate period, given the assumed market conditions. The resulting forecast of  
11 short-term sales for each month of the rate period is the mean, or average, of the 3,500 games.  
12 BPA then allocates the total short-term sales forecast (for sales to Power Services and to all  
13 customers other than Power Services) for each month across the different short-term services  
14 (monthly, weekly, daily, and hourly service), resulting in a forecast for sales under the Hourly,  
15 Block 1 (days 1-5), and Block 2 (days 6+) rates for each month of the rate period. This  
16 allocation is made by applying the historical distribution of short-term sales across the three  
17 rates, using sales data from October 2006 through April 2016 (the same data used to forecast  
18 total short-term sales). This allocation determines the overall short-term PTP sales forecasts  
19 for each month under each rate. The forecast of short-term PTP sales is shown in Table 5.

### 21 **2.2.3 Sales Forecast for IR Transmission Service**

22 Integration of Resources contracts are transmission service agreements under which customers  
23 integrate multiple resources and transmit non-Federal power over BPA's Network and Delivery

1 facilities to multiple points of delivery on the customer's system. With BPA's agreement, firm  
2 transmission deliveries may be made to other points on BPA's Network, such as to an intertie.  
3 Customers may schedule non-firm transmission under IR contracts from alternate points of  
4 integration or to alternate points of delivery, such as to the Southern Intertie, at the IR rate up to  
5 the contractually specified total transmission demands, subject to the availability of transmission  
6 capacity. The transmission demand associated with IR contracts is not transferable to third  
7 parties.

8  
9 The sales forecast of IR service is the sum of the contract demands in each IR contract. For IR  
10 agreements that expire during the rate period, the forecast includes only the revenues associated  
11 with the agreements while they are in effect. During the rate period, BPA anticipates average IR  
12 sales of 244 MW during FY 2018 and no IR sales in FY 2019. Table 4, lines 5, 24. No IR sales  
13 are forecast for FY 2019 because the remaining 266 MW of IR agreements expire after August  
14 of 2018. BPA expects all of the expiring IR agreements to convert to OATT service on the  
15 Network. BPA includes expected conversions in the sales forecasts for OATT service on the  
16 Network by increasing the PTP sales forecast by the number of megawatts expected to convert to  
17 OATT service.

18  
19 The sales forecast is shown in Table 4. The fiscal year averages of the sales forecasts are used to  
20 calculate forecast revenues in Table 12. The average monthly sales over the rate period is used  
21 for the Network segment cost allocation and in the sales forecast for SCD.



1 **2.2.4 Sales Forecast for FPT Service**

2 Formula Power Transmission contracts are transmission service agreements that provide firm  
3 transmission of non-Federal power on the Network for both full-year and partial-year service.  
4 The forecast of sales of FPT service is the sum of the contract demands in each FPT contract.  
5 For FPT agreements that expire during the rate period, the forecast includes only the sales  
6 associated with the agreements while they are in effect. During the rate period, FPT agreements  
7 totaling 82 MW will expire. This figure is shown in the reduction in the FPT sales forecasts for  
8 FY 2019 in Table 4, lines 22 and 23. BPA expects the agreements that are expiring to convert to  
9 OATT service on the Network. BPA includes expected conversions in the sales forecasts for  
10 OATT service on the Network by increasing the PTP sales forecast by the number of megawatts  
11 expected to convert to OATT service. The adjustment for each contract is made beginning with  
12 the month that the FPT contract expires. The fiscal year averages of the sales forecasts are used  
13 to forecast revenues. The sales forecast for FPT is not used for the Network segment cost  
14 allocation or in the sales forecast for SCD and GSR, as described in sections 2.4 and 4.1.

15  
16 **2.3 Sales Forecasts for Transmission Service on BPA’s Interties**

17 BPA segments the facilities comprising its external interconnections with California/Nevada  
18 (Southern Intertie) and Montana (Eastern Intertie) separately from its Network facilities.

19  
20 **2.3.1 Sales Forecast for IS Transmission Service**

21 BPA offers PTP transmission service on the Southern Intertie. BPA separately forecasts sales of  
22 long-term and short-term transmission service on the Southern Intertie.

1 **2.3.1.1 Sales Forecast for Long-Term IS Transmission Service**

2 Forecasts of long-term IS sales include existing and expected long-term sales. The forecast of  
3 existing long-term sales is based on:

- 4 (a) current confirmed long-term reserved capacities effective through the FY 2018–2019  
5 rate period; and
- 6 (b) confirmed OATT 17.7 customer deferrals (extensions for commencement of service),  
7 which reduce the Intertie sales forecast for the duration of the deferral.

8  
9 Long-term capacity on the Southern Intertie is almost fully subscribed in the north to south  
10 direction, meaning that BPA cannot make additional sales unless existing agreements terminate  
11 or are not renewed, or until reliability upgrades on the Pacific DC Intertie (PDCI) increase  
12 transfer capability. There is no assumption for increased sales south to north. As a result, the  
13 forecast of additional expected long-term IS sales is based on:

- 14  
15 (a) long-term sales that have been requested, such as OATT section 2.2 renewals  
16 (associated with existing agreements) and sales that BPA expects to make if an existing  
17 agreement is not renewed; and
- 18 (b) expected OATT section 17.7 deferrals during FY 2018–2019 (extensions for  
19 commencement of service), which reduce the long-term IS sales forecast for the  
20 duration of the deferral.

21  
22 In developing the long-term IS sales forecasts, BPA examines requests in the queue that are  
23 seeking service. BPA also consults with customers, account executives, and other subject matter

1 experts about expected long-term IS requests that could be offered service. BPA receives  
2 information on expected service demand, start date, and length of the service, and whether the  
3 customer is expected to accept the offer. The forecast reflects the most likely scenario based on  
4 this information. If there is a great deal of uncertainty in the information gathered through this  
5 process, BPA also reviews historical sales to the customer to determine whether to include the  
6 additional sales in the forecast.

7  
8 Table 4 includes the forecasts of confirmed IS sales and expected additional sales for each month  
9 of the rate period. Table 4 also shows the total forecast of long-term IS sales (the sum of existing  
10 sales and expected additional sales), the fiscal year averages, and the averages for the entire rate  
11 period. The fiscal year averages are used to forecast revenues, and the average forecast over the  
12 rate period is used in the sales forecast for SCD and GSR.

### 14 **2.3.1.2 Sales Forecast for Short-Term IS Transmission Service**

15 Short-term IS sales are firm or non-firm sales of less than one year and include monthly,  
16 weekly, daily, and hourly sales. Because short-term IS service is not reserved far in advance,  
17 there are no existing reservations for this service on which to base the sales forecast.

18 Therefore, the forecast of short-term IS sales expected to occur during the rate period is based  
19 on historical short-term sales data and price spreads between the Mid-Columbia trading hub  
20 and California energy prices. The price spread data used is historical day-ahead power prices  
21 at North-of-Path 15 (NP-15, a weighted price of northern California prices), South-of-Path 15  
22 (SP-15, a weighted price of southern California prices) and at Mid-Columbia (Mid-C, a trading

1 point in the Pacific Northwest) obtained from Intercontinental Exchange (ICE, an operator of  
2 over-the-counter electricity markets) and the California Independent System Operator.

3  
4 Original hourly reservations in the north to south direction are forecast using models developed  
5 with regression analysis. The analysis uses historical data from October 2009 through April  
6 2016. BPA performed separate regression analysis for hourly north to south reservations on  
7 the COI and hourly reservations on the PDCI. The regression model for the COI estimates the  
8 statistical relationship between hourly reservations and the price spread between the Mid-  
9 Columbia trading hub and North of Path 15 trading hub net of BPA Southern Intertie hourly  
10 transmission costs. As the price spread between the two trading hubs increases, so does the  
11 mean or expected value of hourly reservations and the variance of the hourly reservations. At  
12 a higher price spread, the model would estimate a higher expected volume of hourly  
13 reservations and a higher variability of the volume of hourly reservations. We anticipate that  
14 the proposed increase to the rate for hourly transmission on the Southern Intertie will have the  
15 same effect on demand as a decrease in the price spread. By including both the price spread  
16 and the rate for hourly transmission in the model, BPA is able to forecast anticipated hourly  
17 reservations given a future price spread and transmission rate estimate. To estimate hourly  
18 north to south reservations in the rate period, BPA assumed the hourly non-firm rate would be  
19 \$11 mills/kW-hr. BPA made this assumption because we did not know what the hourly  
20 transmission rate would be for the BP-18 rate period. The regression model for hourly  
21 reservations on the PDCI was developed using the same methodology as the COI model,  
22 except it uses price spreads between Mid-C and SP-15 net of BPA Southern Intertie  
23 transmission costs.

1 BPA did not include any north to south daily, weekly or monthly reservations in the rate  
2 forecast. This is because in the rate period, BPA anticipates long-term reservations will equal  
3 both the COI and PDCI scheduling limits in all months of the rate period and there should be  
4 no inventory for these products. Historically this has not been true. Prior to FY 2011, BPA  
5 did not sell long-term firm up to the COI and PDCI scheduling limits. This allowed for  
6 seasonal reservations of daily, weekly and monthly transmission. Upon completion of the COI  
7 upgrade, BPA was able to sell up to the scheduling limit with long-term firm transmission, but  
8 there were other reasons for daily, weekly and monthly inventory during certain periods of the  
9 year. The reasons included long-term reservations where demand varied by season and timing  
10 differences between service for one request ending and new service beginning. No requests  
11 with demand that varies by season are in place for the rate period. Assuming all customers  
12 decide to renew their service, there should be no daily, weekly, and monthly inventory  
13 available for sale.

14  
15 The forecast of short-term reservations from south to north on the Southern Intertie is based on  
16 historical reservations from FY 2014 to FY 2015. BPA used average historical data because  
17 that represents a reasonable expectation of reservations in the rate period.

18  
19 BPA incorporates uncertainty around price spreads and other parameters using a Microsoft Excel  
20 add-in, @RISK<sup>®</sup>, Professional version 6.1.1 (© Palisade Corporation). @RISK<sup>®</sup> uses a Monte  
21 Carlo-based simulation (a method that uses repeated simulations to determine a range of possible  
22 outcomes) to run 3,500 short-term sales forecasting iterations to generate the distribution of  
23 possible sales under a variety of streamflow and price spread conditions. BPA also models the

1 impact of variation in the forecast market indicators that are used to develop the sales forecast.  
2 To determine the variability for price spread used in @RISK<sup>®</sup>, BPA uses ICE forwards prices for  
3 Mid-C, NP-15 and SP-15 to represent expected power prices during the rate period. The model  
4 creates variability around the ICE forwards prices by inputting factors that affect power prices,  
5 such as natural gas prices, Columbia River streamflows, and ambient temperatures in the BPA  
6 load area. By running games that randomly sample natural gas, streamflow, and temperature  
7 data and applying that data to the historical relationships between these factors and power prices,  
8 the model produces power prices at Mid-C, NP-15 and SP-15 for each month, which are adjusted  
9 for natural gas price, streamflow, and seasonal variation. The outcome of each game is a  
10 forecast for hourly sales for each month of each year of the rate period, given the assumed  
11 market conditions and variability. The resulting forecast of short-term sales for each month of  
12 the rate period is the mean, or average, of the 3,500 games.

13  
14 One further adjustment is made to the sales forecasts for rate development purposes, as  
15 described in section 4. The average sales forecast (including the sales for all three rates) over  
16 the rate period, including this adjustment, is used in the sales forecast for SCD and GSR.

### 18 **2.3.2 Sales Forecast for IM Transmission Service**

19 BPA offers PTP service over its capacity on the Eastern Intertie. The Montana Intertie  
20 Agreement between BPA, Avista Corp., NorthWestern Energy, PacifiCorp, Portland General  
21 Electric Company, and Puget Sound Energy, Inc., identifies the facilities that constitute the  
22 Eastern Intertie (the Townsend-to-Garrison facilities). It also establishes BPA's share of

1 capacity on the Eastern Intertie as any capacity on the line in either direction that is not allocated  
2 under the agreement to another party. BPA offers its capacity for sale under the IM rate.

3  
4 The forecast of IM rate sales is based on contract demand. The IM sales forecast during the  
5 FY 2018–2019 rate period totals 16 MW of existing long-term sales in each year of the rate  
6 period. Table 4, lines 69, 71. BPA does not forecast any additional long-term IM sales.

7 Historically, BPA has made very few sales of short-term service on the Montana Intertie and  
8 does not expect any short-term sales on the Montana Intertie during the rate period. As a result,  
9 the sales forecast for short-term IM service is zero.

10  
11 The sales forecast for IM service is shown in Table 4. The fiscal year average sales forecasts are  
12 used to forecast revenues, and the average forecast over the rate period is used in the sales  
13 forecast for SCD and GSR.

#### 14 15 **2.4 Sales Forecasts for Ancillary Services: SCD and GSR**

16 BPA provides the Ancillary Services described in section 3 of its OATT. The two ancillary  
17 services customers are required to purchase from BPA are (1) Scheduling, System Control, and  
18 Dispatch Service, and (2) Reactive Supply and Voltage Control from Generation Sources  
19 Service. The sales forecasts for these Ancillary Services are discussed below.

20  
21 SCD service is necessary for the provision of basic transmission service within BPA’s balancing  
22 authority area (the area in which the responsible entity, or balancing authority, must maintain a  
23 balance between generation and load (consumption)). System control and communications

1 equipment and dispatch of generating resources and transmission facilities maintain generation  
2 and load balance and physical and electronic security requirements for North American Electric  
3 Reliability Corporation critical infrastructure facilities, and preserve system reliability for all  
4 transactions. SCD service can be provided only by the operator of the balancing authority area  
5 in which the transmission facilities used are located, since the service is used to schedule the  
6 movement of power through, out of, within, or into the balancing authority area.

7  
8 GSR Service also is necessary for the provision of basic transmission service within BPA's  
9 balancing authority area. GSR is the provision of reactive power and voltage control by  
10 generating facilities under the control of BPA as the operator of the balancing authority area.

11 The GSR rate is set on a quarterly basis according to a formula in the GSR rate schedule.

12  
13 Because all transmission customers taking service within BPA's balancing authority area must  
14 purchase SCD and GSR, the sales forecast for both services is the sum of the sales forecasts of  
15 the transmission services within BPA's balancing authority area (for NT customers, BPA uses  
16 the coincident peak load forecast), with one exception. The FPT sales forecast is not included in  
17 the SCD and GSR sales forecast because the FPT rate includes the costs of the SCD and GSR  
18 services associated with FPT service. Therefore, the FPT revenues that recover SCD and GSR  
19 costs are removed from the SCD and GSR revenue requirement before rates are calculated.

20 The short-distance discount associated with NT and PTP service does not apply to SCD and GSR  
21 sales. Therefore, the sales forecast for SCD and GSR is not adjusted to reflect the SDD. The  
22 sales forecast used for developing the SCD rate is shown in Table 10.1. The same sales forecast



1 is included in the formula in the GSR rate schedule. *See* Transmission, Ancillary, and Control  
2 Area Service Rate Schedules, BP-18-E-BPA-11, ACS-18, § II.B.1.

3  
4 For purposes of developing revenue forecasts, BPA does not separately forecast sales for SCD  
5 and GSR. Instead, the SCD and GSR rates are applied to the sales forecast for long-term and  
6 short-term PTP, IS, and IM service and to the coincident peak load forecast for NT service. The  
7 IR rate developed in this Study incorporates the SCD and GSR rates developed here. Therefore,  
8 BPA does not separately forecast SCD or GSR revenue associated with IR service. IR revenue  
9 includes the revenue from those services. *See* Table 12.

## 11 **2.5 Sales Forecast for Utility Delivery Service**

12 Utility customers who utilize facilities in BPA's Utility Delivery segment pay a separate rate  
13 for that service. *See* Transmission Segmentation Study and Documentation, BP-18-E-BPA-07,  
14 § 2.5. Sales forecasts of Utility Delivery service are based on load forecasts because the  
15 charges for the Utility Delivery service are based on the customers' loads. BPA forecasts sales  
16 for Utility Delivery service using coincident peak POD load forecasts, which are used to  
17 develop the rate. The POD load forecast for Utility Delivery service is developed in the same  
18 manner as is described in section 2.2.1.1 for the load forecasts for NT service, except that BPA  
19 separately calculates the POD load forecast for Utility Delivery customers that take NT service  
20 and for the single Utility Delivery customer that takes PTP service. BPA uses the average of  
21 the monthly total Utility Delivery POD load forecasts to calculate the Utility Delivery rate,  
22 which is discussed in greater detail in section 7.6.1. The annual sales forecasts are shown in  
23 Table 9. For the Utility Delivery revenue forecast, the Utility Delivery customers' monthly

1 | POD load forecast is multiplied by the proposed Utility Delivery rate for each month in the rate  
2 | period.

## 4 | **2.6 Revenue Forecasts**

5 | The transmission revenue forecasts determine the expected levels of revenue from transmission  
6 | and ancillary services rates and other sources for the rate period, as indicated in Table 12. As  
7 | discussed above, this Study includes forecast revenues at current rates and at proposed rates to  
8 | perform the current revenue test and the revised revenue test. The forecast of revenue at current  
9 | rates applies the transmission and ancillary services rates placed into effect on October 1, 2015,  
10 | to the sales forecasts. The forecast of revenue at proposed rates applies the Initial Proposal rates  
11 | to the sales forecasts. The forecasts are used to test whether the current and proposed rates are  
12 | sufficient to recover the transmission revenue requirement. Sections 3.2 and 3.3 of the  
13 | Transmission Revenue Requirement Study, BP-18-E-BPA-09, further describe the revenue tests.

14 |  
15 | Both revenue forecasts include revenue credits. Section 3 of this Study discusses revenue credits  
16 | in detail. In general, revenue credits are revenues from sources other than the transmission rates  
17 | determined in this rate proceeding. This Study includes revenue credits in the revenue forecasts  
18 | to ensure that the revenue tests performed in the Transmission Revenue Requirement Study  
19 | incorporate all sources of transmission-related revenue. Table 12 includes all of the revenue  
20 | credits applied in the revenue forecast.

1 **2.6.1 Forecast of Non-Cash Revenues: Transmission Credits and Interest Expense**  
2 **Associated with Customer-Financed Projects**

3 A portion of the revenues that BPA forecasts is non-cash revenues due to credits that customers  
4 receive against their transmission service charges. (BPA provides these credits in two general  
5 circumstances, described below.) The credits (non-cash revenues) are forecast as part of this  
6 Study and are included in the revenue forecasts discussed above because the transmission  
7 services to which they apply are included in the sales forecasts. However, because BPA does  
8 not receive the revenue in the form of cash, the credit (and the related interest expense,  
9 described below) has a different impact on BPA's revenue requirements and cost recovery than  
10 cash revenue. *See* Transmission Revenue Requirement Study, BP-18-E-BPA-09, § 2.2.5.

11  
12 BPA forecasts transmission credits and related interest expense associated with generator  
13 interconnection agreements and the COI upgrade project. Under the generator interconnection  
14 agreements, interconnection customers advance fund Network Upgrades (upgrades to the  
15 transmission system at or beyond the point at which the interconnection facilities connect to the  
16 transmission system) if BPA, as the transmission provider, does not provide the funding. The  
17 advance funds are then returned to the customers, with interest, either as credits to the  
18 customers' transmission bills or as monthly cash payments. The credits are applied to  
19 transmission service used to transmit power from the generating facility. The cash payments  
20 are designed to approximate the comparable credits and are based on the generating facility's  
21 capacity and its plant capacity factor. The customer chooses whether to receive credits or cash  
22 payments.

1 BPA also provides transmission credits for customer financing for the COI upgrade. The  
2 upgrade increased the availability of the COI and PDCI so that BPA is able to provide  
3 long-term firm transmission service up to the full rating of the COI and PDCI. The forecasts of  
4 transmission credits and related interest expense include transmission credits related to the COI  
5 upgrade and generator interconnection agreements. These credits are expected to expire at the  
6 end of FY 2018. The forecasts of transmission credits and related interest expense at current  
7 rates and at proposed rates are provided in Tables 16.1 and 16.2.

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1                                   **3. REVENUE CREDITS AND ADJUSTMENTS TO THE**  
2   **SEGMENTED REVENUE REQUIREMENTS**

3  
4 Revenue credits and adjustments reflect known costs and revenues that are not accounted for in  
5 the Transmission Revenue Requirement Study. To develop the revenue requirements for use in  
6 calculating rates, this Study allocates the revenue credits among the various segments and then  
7 applies these credits and other adjustments to the segmented revenue requirements determined in  
8 the Transmission Revenue Requirement Study. It then calculates the net segmented revenue  
9 requirements after these credits and adjustments.  
10

11 **3.1 Revenue Credits**

12 Revenue credits are transmission revenues from sources other than the general transmission  
13 rates developed in the rate proceeding. Revenue credits include revenue from items such as  
14 fixed-price contracts, contracts that specify the rates for services, use-of-facilities contracts, and  
15 fixed-price fees. This Study forecasts revenue credits based on existing contract charges or  
16 rates, expectations of additional sales at such charges or rates, and receipt of fixed-price fees.  
17

18 The revenue credits for fixed-price contracts and fees relate to items such as fiber and wireless  
19 leases (in which BPA leases communications capacity that exceeds BPA’s operational needs),  
20 land leases, reservation and application fees, direct funding of projects and facilities, and O&M  
21 charges. The use-of-facilities contracts include agreements such as those governing DSI  
22 delivery contracts, under which parties pay for the rights to use specified BPA facilities.  
23

1 The segmented revenue requirements are initially set without regard to these additional  
2 revenues. This Study allocates revenue credits to particular segments, which reduces the  
3 segmented revenue requirements and ensures that this Study accounts for all sources of revenue  
4 in determining the net segmented revenue requirements used to calculate rates. If this Study did  
5 not account for the revenue represented by the revenue credits, the rates would be higher than  
6 needed to recover costs. The allocation and application of the revenue credits described in this  
7 section are separate and distinct from the inclusion of the transmission credits in the revenue  
8 forecasts discussed in section 2.

9  
10 This Study allocates revenue credits associated with a particular transmission segment entirely to  
11 that segment. For example, revenues related to the O&M charges for customers using facilities  
12 on the Southern Intertie are allocated entirely to the Southern Intertie. If revenue credits are not  
13 associated with a particular segment, the revenues are allocated across all segments based on the  
14 ratio of net plant investment in each segment to total net plant investment. For example, this  
15 Study allocates revenues from fiber and wireless leases to all segments based on portion of the  
16 net plant investment in each segment. Table 2 identifies all of the expected revenue credits from  
17 various sources and the allocation of the credits by segment.

### 18 19 **3.2 Adjustments to the Segmented Revenue Requirements**

20 This Study includes certain adjustments to the segmented revenue requirements. These  
21 adjustments are not categorized as revenue credits because they do not account for additional  
22 revenues. The adjustments are made for the Eastern Intertie and DSI Delivery segments where  
23 all costs are recovered through contractually set rates and fees. In general, the adjustments

1 allocate (1) individual segment revenues in excess of costs and (2) individual segment costs in  
2 excess of revenues. A segment's revenues in excess of costs represent a surplus, which is  
3 allocated to the other segments as a credit, reducing the other segments' overall revenue  
4 requirements. A segment's costs in excess of revenues represents a cost, which is allocated to  
5 the other segments as an additional revenue requirement, increasing the other segments' revenue  
6 requirements.

### 8 **3.2.1 Eastern Intertie Adjustment**

9 The Eastern Intertie segment includes the Townsend-Garrison transmission (TGT) lines and a  
10 portion of the Garrison substation facilities. *See* Transmission Segmentation Study and  
11 Documentation, BP-18-E-BPA-07, at § 2.4. BPA constructed these facilities under the Montana  
12 Intertie Agreement (Contract No. DE-MS79-81BP90210, as amended), under which BPA  
13 provides transmission service from the Colstrip generating facility in Montana to BPA's  
14 Network. *Id.* As part of the agreement, the Colstrip Parties (Avista, NorthWestern Energy,  
15 PacifiCorp, Portland General Electric, and Puget Sound Energy) acquired transmission rights  
16 over a portion of the capacity of the Eastern Intertie. BPA receives payments from each party  
17 for its share of the Townsend-to-Garrison capacity under the TGT rate. Pursuant to the  
18 Montana Intertie Agreement, BPA has the contractual right to exclusively market any remaining  
19 transmission capacity in either direction on the Eastern Intertie.

20  
21 To determine the net segmented revenue requirement for the Eastern Intertie, this Study begins  
22 with the gross Eastern Intertie revenue requirement shown in Table 1. This Study then applies  
23 revenue credits and adjustments to the Eastern Intertie segmented revenue requirement.

1 Table 2 shows the expected revenue credits that apply to the Eastern Intertie segment. The most  
2 significant revenue credit relates to revenue from payments to BPA under the Montana Intertie  
3 Agreement for rights to transmission service on the TGT transmission lines. The total payment  
4 for use of the facilities is set in the Montana Intertie Agreement and totals \$12.4 million  
5 annually. During the rate period \$12.4 million of this revenue is anticipated to come from the  
6 TGT rate charged to parties of the Montana Intertie Agreement. Table 2, line 4. The IM rate,  
7 which applies to PTP transmission service on BPA's capacity share of the Eastern Intertie, is  
8 forecast to recover \$0.115 million annually during the rate period. Table 3, line 28. Since these  
9 revenues arise solely through the use of the Eastern Intertie, this Study applies the entire amount  
10 of this revenue credit to the Eastern Intertie segment. *See* Table 3.

11  
12 The segmented revenue requirement for the Eastern Intertie is \$11.718 million annually.  
13 Table 1, line 27. After applying all of the revenue credits and the IM rate revenues to the Eastern  
14 Intertie's segmented revenue requirement, the forecast revenues and credits for the Eastern  
15 Intertie segment exceed the net segmented revenue requirement on average by \$1.039 million  
16 annually. Table 3, line 31.

17  
18 This Study allocates the \$1.039 million in excess revenue from the Eastern Intertie segment to all  
19 the other segments proportionally based on net plant investment determined in the Transmission  
20 Segmentation Study. This allocation reduces the difference between the Eastern Intertie  
21 segment's adjusted revenue requirement and its revenue recovery to zero. *See* Table 3. This  
22 Study then applies the excess revenue allocated to each segment as an adjustment to reduce the  
23 revenue requirement for each segment. Once the difference between the Eastern Intertie



1 segment's adjusted revenue requirement and its revenue recovery has been reduced to zero, no  
2 other revenue credits or costs from other segments are allocated to the Eastern Intertie segment,  
3 since these credits or costs would have to be re-allocated back to other segments.  
4

### 5 **3.2.2 DSI Delivery Adjustment**

6 The DSI Delivery segment consists of low-voltage transmission facilities that provide  
7 transmission service to DSI customers. Charges for service on the DSI Delivery segment are  
8 established by contract and change based on a schedule incorporated in those contracts. As a  
9 result, this Study does not calculate a rate for delivery service on DSI facilities. *See*  
10 *Transmission Segmentation Study and Documentation, BP-18-E-BPA-07, § 2.6.*  
11

12 However, this Study does account for the revenues and costs associated with this segment to  
13 ensure total cost recovery. The average annual segmented revenue requirement attributable to  
14 the DSI Delivery segment is \$1.82 million. Table 1, line 27. The revenues generated from  
15 sales under the DSI delivery contracts, the Eastern Intertie adjustment, and the other revenue  
16 credits allocated to this segment are forecast to average \$1.984 million annually during the rate  
17 period. Table 3, line 25. After applying all of the revenue credits and the DSI Delivery  
18 revenues to the DSI Delivery segmented revenue requirement, the forecast revenues for the DSI  
19 Delivery segment exceed the net segmented revenue requirement an average of \$0.17 million  
20 annually. *Id.*, line 32.  
21

22 This Study allocates the \$0.17 million in excess revenue from the DSI Delivery segment to all  
23 the other segments proportionally based on net plant investment as determined in the

1 Transmission Segmentation Study. This allocation reduces the difference between the DSI  
2 Delivery segment's adjusted revenue requirement and its revenue recovery to zero. *See* Table 3.  
3 As with the Eastern Intertie adjustment, once the difference between the DSI Delivery segment's  
4 adjusted revenue requirement and its revenue recovery has been reduced to zero, no other  
5 revenue credits or costs from other segments are allocated to the DSI Delivery segment, since  
6 these credits or costs would have to be re-allocated back to other segments.

### 7 8 **3.2.3 Adjustment for NT Redispatch Costs**

9 Under Attachment M to BPA's OATT, Transmission Services initiates redispatch of Federal  
10 resources as part of congestion management efforts on the Network. There are three types of  
11 redispatch that Transmission Services can request from Power Services to relieve flowgate  
12 congestion: Discretionary Redispatch, NT Firm Redispatch, and Emergency Redispatch.

13 Transmission Services requests Discretionary Redispatch to maintain all transmission schedules.  
14 Power Services provides this service at its discretion based on real-time operating objectives and  
15 constraints. Transmission Services requests NT Firm Redispatch to maintain firm NT schedules,  
16 and may redispatch firm NT schedules only after it has curtailed all non-firm Point-to-Point and  
17 secondary NT schedules in a sequence consistent with NERC curtailment priority. Power  
18 Services must provide NT Firm Redispatch to the extent that it can do so without violating non-  
19 power constraints. Transmission Services requests Emergency Redispatch if it declares a System  
20 Emergency as defined by NERC. Power Services must provide this service even if doing so may  
21 violate non-power constraints.

1 Power Services may respond to requests for redispatch through redispatch of Federal generation,  
2 through purchases or sales of energy, or through purchases of transmission. The forecast of costs  
3 for Attachment M redispatch is \$225,000 per year. *See* Fisher and Fredrickson, BP-18-E-  
4 BPA-18, Appendix A, Attachment 3, line 8. These costs are included in the segmented revenue  
5 requirement for the Network. *See* Transmission Revenue Requirement Study Documentation,  
6 BP-18-E-BPA-09A, § 2.2.

7  
8 Consistent with section 33.3 of BPA’s OATT, which provides that NT customers are allocated  
9 the redispatch costs associated with firm service to NT load, costs associated with NT Firm  
10 Redispatch are allocated to NT customers, because this type of redispatch benefits only NT  
11 customers. Accordingly, this Study credits the cost of NT Firm Redispatch to the Network  
12 segment revenue requirement so that these costs are not included in all Network rates. The costs  
13 are then included in the calculation of rates for NT service. *See* Table 3, line 29. Section 4 of  
14 this Study discusses the calculation of the NT rate. Costs associated with Discretionary  
15 Redispatch and Emergency Redispatch are allocated to all Network segment users because  
16 Discretionary Redispatch and Emergency Redispatch benefit all Network segment users.

17  
18 Of the \$225,000 annual forecast for Attachment M redispatch, the forecast of costs for NT Firm  
19 Redispatch is \$160,000 per year. This forecast is based on the historical actual amounts paid by  
20 Transmission Services to Power Services in FY 2014 to 2016 (the most recent for which BPA  
21 has actual data). Calculation of the actual revenue Power Services receives from Transmission  
22 Services for providing NT Firm Redispatch is based on one of two sources: (1) for redispatch  
23 provided from Federal generation, market prices for incrementing and decrementing Federal

1 generation at the time the redispatch is provided, or (2) for redispatch provided by purchases or  
2 sales of energy or purchases of transmission, the actual cost to Power Services of the purchase or  
3 sale. The forecast of costs for Discretionary Redispatch and Emergency Redispatch are based on  
4 this same methodology.

5  
6 In addition, BPA's OATT provides that NT customers will make their Network Resources  
7 available for redispatch to avoid curtailments to NT service when there are transmission  
8 constraints (this type of redispatch is referred to as non-Federal NT redispatch). BPA has not  
9 seen any significant costs in its non-Federal NT redispatch program since its inception.

10 Therefore, no non-Federal NT redispatch costs are included in this Study

### 11 12 **3.3 Allocation of Generation Integration Revenues**

13 The Generation Integration segment consists of transmission facilities that integrate Federal  
14 resources into BPA's Network. The costs allocated to the Generation Integration segment plus  
15 all revenue credits and adjustments averages \$12.03 million annually. Table 3, at line 33.

16 These costs are assigned to BPA Power Services and recovered through power rates. The  
17 payments that Power Services makes to Transmission Services are included as a revenue credit  
18 in the transmission revenue forecast and are applied to the Generation Integration segment.

1 **4. NETWORK TRANSMISSION SERVICES**

2  
3 BPA establishes separate rates for four types of transmission service on its Network: Network  
4 Integration Transmission Service (NT), Point-to-Point Transmission Service (PTP), Integration  
5 of Resources (IR), and Formula Power Transmission (FPT). BPA provides NT and PTP  
6 service pursuant to the terms and conditions set forth in its OATT, and it provides FPT and IR  
7 service under legacy (or grandfathered, pre-FERC Order 888) agreements.

8  
9 In general terms, this Study calculates the rates for Network services by taking the net  
10 segmented revenue requirement for the Network segment, subtracting the forecast revenues  
11 associated with the transmission portion of FPT service, and allocating a proportionate share of  
12 the resulting remaining Network costs to NT, PTP, and IR service. The rates for FPT service  
13 are based on certain simplifying assumptions described in section 4.5. The rates for NT, PTP,  
14 and IR service are calculated by dividing the costs to be recovered by those services by the NT,  
15 PTP, and IR billing determinants, respectively.

16  
17 **4.1 Network Segment Cost Allocation**

18 To calculate the rates for Network services, this Study allocates the adjusted Network segment  
19 revenue requirement among the various services. This Study takes the annual average  
20 Network segment revenue requirement from the Transmission Revenue Requirement Study,  
21 \$671.21 million. Table 1, line 27. Revenue credits and other adjustments are then applied,  
22 resulting in an adjusted Network segment revenue requirement of \$652.30 million. Table 3,  
23 line 33.

1 As explained in section 4.5, FPT service is provided under contracts that address specific  
2 classifications of Network transmission facilities, and FPT rates separately recover a subset of  
3 Network costs. Therefore, this Study subtracts from the adjusted Network segment revenue  
4 requirement \$14.03 million in forecast annual revenue attributable to sales of FPT service on  
5 the Network. Table 7, lines 2-4. Subtracting the forecast FPT revenues excludes the costs and  
6 revenues attributable to FPT service from the costs allocated among NT, PTP, and IR service,  
7 thus ensuring that rates for NT, PTP, and IR service are based only on costs and revenues  
8 properly attributable to those services. The result is an annual average cost of \$638.27 million  
9 to be allocated among NT, PTP, and IR service. *Id.*

10  
11 This Study allocates costs to PTP and IR service based on contract demand and to NT service  
12 based on forecast load. The NT load forecast is based on a 12 non-coincident peak (NCP)  
13 measure. *See* § 2. This Study calculates an allocation percentage for each service based on the  
14 ratio of the forecast for each individual service to the total forecast average annual sales for all  
15 three services, 35,851 MW. Table 7, line 25. The allocation percentages for NT, PTP, and IR  
16 services are 20.61 percent, 79.05 percent, and 0.34 percent, respectively. *Id.*, lines 29, 32, 35.  
17 Multiplying the total adjusted average annual Network revenue requirement of \$638.27 million  
18 by the allocation percentage for each service yields an allocated cost of \$131.52 million for NT  
19 service, \$504.58 million for PTP service, and \$2.17 million for IR service. *Id.*, lines 40, 47,  
20 63. This Study uses these allocated costs to calculate the rates for NT, PTP, and IR service.

1 **4.2 Network Integration Rate (NT-18 )**

2 Network Integration service provides transmission service for a customer’s designated network  
3 load, including network load growth. BPA provides this service according to the terms and  
4 conditions in Part III of its OATT.

5  
6 The NT-18 rate schedule identifies a single rate for NT Service and NT Conditional Firm  
7 Service under the OATT. Transmission, Ancillary and Control Area Service Rate Schedules,  
8 BP-18-E-BPA-11, NT-18, § II. The monthly billing factor for the NT-18 rate is the customer’s  
9 Network load on the hour of the Monthly Transmission System Peak Load for the month (the  
10 billing period). *Id.* § III.

11  
12 The NT-18 rate schedule includes a variety of adjustments and references to charges from other  
13 rate schedules. The rate schedule includes an SDD available to customers with designated  
14 Network Resources that use less than 75 circuit miles of BPA’s transmission facilities for  
15 delivery to Network Load. *Id.* § IV.D. The SDD is a credit applied to the customer’s monthly  
16 bill according to the following formula:

$$17 \quad \text{SDD credit} = \text{NT Rate} \times \text{Average HLH Generation} \times (75 - \text{distance}) / 75 \times 0.4$$

18 *Id.*

19  
20 For resources that are directly connected to the customer’s system or that do not use any FCRTS  
21 facilities, the discount is 40 percent of the NT rate multiplied by the average generation of the  
22 resource during heavy load hours.

1 Other charges and provisions in the NT-18 rate schedule include:

- 2 • a requirement to purchase Scheduling and Reactive ancillary services;
- 3 • the Delivery Charge;
- 4 • the Failure to Comply Penalty Charge;
- 5 • a Short-Distance Discount;
- 6 • notice that BPA will collect capital and related costs of a Direct Assignment Facility
- 7 under the Advance Funding rate or Use-of-Facilities rate;
- 8 • notice of BPA's intent to charge incremental cost rates under specified conditions;
- 9 • allowance for a rate adjustment pursuant to a FERC order under section 212 of the
- 10 Federal Power Act; and
- 11 • the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

12 *Id.* § IV. Section 7 of this Study discusses the rate schedule provisions.

13  
14 To calculate the NT rate, this Study begins with the \$131.52 million in Network costs allocated  
15 to NT service and adds the NT redispatch costs (\$160,000 in NT Firm Redispatch of Federal  
16 resources costs and \$0 in non-Federal NT redispatch costs), which equals total costs of  
17 \$131.68 million. Table 7, line 60. Dividing this amount by the NT billing factor of 6,359 MW  
18 yields a unit cost of \$20,707/MW-year, which is then divided by 1,000 to derive a kW-year unit  
19 cost of \$20.71/kW-year. *Id.*, lines 60-62. The kW-year unit cost is divided by 12 to yield the  
20 rate for NT service, which is \$1.726/kW-month. *Id.*, line 63.



1 **4.3 Point-to-Point Rate (PTP-18)**

2 Point-to-Point transmission service provides for the transmission of energy on a firm, non-firm,  
3 or conditional firm basis from specific points of receipt to specific points of delivery on BPA’s  
4 Network. BPA provides this service according to the terms and conditions in Part II of its  
5 OATT.

6  
7 The PTP-18 rate schedule includes rates for long-term service; monthly, weekly, and daily  
8 service; and hourly service. Transmission, Ancillary and Control Area Service Rate Schedules,  
9 BP-18-E-BPA-11, PTP-18, § II. A single rate applies to all long-term firm service and to  
10 conditional firm service under the rate schedule. The rate schedule includes two rates for  
11 monthly, weekly, and daily service: “Block 1” for the first five days of a reservation, and  
12 “Block 2” for the remaining days of the reservation. One hourly rate applies to all hours of a  
13 reservation for hourly service. *Id.*

14  
15 The PTP-18 rate schedule incorporates a variety of adjustments, charges, notices, and other rate  
16 provisions, including:

- 17 • a Short-Distance Discount for contract paths less than 75 circuit miles;
- 18 • a requirement to purchase Scheduling, System Control, and Dispatch Ancillary Service;
- 19 • the Delivery Charge;
- 20 • an Unauthorized Increase Charge;
- 21 • the Reservation Fee;
- 22 • the Failure to Comply Penalty Charge;
- 23 • a credit for interruption of non-firm service;

- 1 • notice that BPA will collect capital and related costs of a Direct Assignment Facility
- 2 under the Advance Funding rate or Use-of-Facilities rate;
- 3 • notice of BPA's intent to charge incremental cost rates under specified conditions;
- 4 • allowance for a rate adjustment pursuant to a FERC order under section 212 of the
- 5 Federal Power Act; and
- 6 • the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

7 *Id.* § IV. See section 7 for further discussion of the rate schedule provisions.

8

9 This Study calculates the rate for long-term firm PTP service by dividing the Network costs  
10 allocated to PTP service, \$504.58 million, by the forecast average annual PTP sales of  
11 28,342 MW, yielding a unit cost of \$17,803/MW-year. Table 7, lines 47-49. This amount is  
12 then divided by 1,000 to derive a kW-year unit cost of \$17.80/kW-year. *Id.*, line 49 This  
13 kW-year unit cost is divided by 12 to yield the monthly rate for long-term PTP service,  
14 \$1.484/kW-month. *Id.*, line 50.

15

16 The rate for short-term and hourly PTP service is derived from the long-term rate. Short-term  
17 sales allow the customer to purchase transmission that more closely matches the energy  
18 required in a day-by-day or hour-by-hour timeframe. Typically, this means more short-term  
19 transmission is purchased during weekdays than weekends and during heavy load hours (HLH)  
20 than during light load hours (LLH).

21

22 In order to account for the greater amount of short-term capacity that is expected to be sold  
23 during weekdays and heavy load hours, and to help ensure that the rate for sales during those

1 hours recovers the appropriate amount of costs, this Study sets short-term rates at a level higher  
2 than a simple pro rata fraction of the long-term rate. It does so by establishing the Block 1 rate  
3 for the first five days of short-term daily service based on the costs for a full seven days. This  
4 Study calculates the Block 1 rate by multiplying the daily PTP unit cost (*i.e.*, the annual rate  
5 divided by 365, the average number of days in each year of the rate period) by a factor of 7/5  
6 (seven total days in the week divided by five weekdays). *Id.*, line 51. The resulting Block 1  
7 rate is \$0.068/kW-day. *Id.* The daily PTP short-term Block 2 rate of \$0.049/kW-day is  
8 calculated by dividing the unit cost by 365 days. *Id.*, line 52. The PTP daily, weekly, and  
9 monthly services are all charged the same block rates.

10  
11 This Study applies a similar factor in the calculation of the rate for hourly service. Since there  
12 are 16 heavy load hours each weekday, the hourly rate is set by multiplying the PTP unit cost  
13 by an LLH/HLH factor of 24/16 (24 hours per day divided by 16 heavy load hours) and then  
14 by the 7/5 daily factor. *Id.*, line 53. The resulting hourly PTP rate of 4.27 mills/kWh applies to  
15 both firm and non-firm hourly sales. *Id.*

16  
17 In the calculation of the PTP unit cost, the forecast of short-term sales in the denominator is  
18 adjusted upward by these same LLH/HLH factors for rate development purposes, to recognize  
19 that the short-term rates will recover more revenue because the rates are increased by these  
20 factors. The final short-term PTP sales forecasts after these adjustments are used in the  
21 development of the rates and in the revenue forecasts.

1 **4.4 Integration of Resources Rate (IR-18)**

2 As described in section 2, IR contracts integrate multiple resources and transmit non-Federal  
3 power over BPA’s Network and Delivery facilities to multiple points of delivery on the  
4 customer’s system. The rate that applies to service under IR agreements includes a single  
5 “postage stamp” rate (a rate that does not vary by distance) that combines a monthly demand  
6 charge calculated in the same manner as and equal to the sum of the demand charge for the PTP  
7 rate and the SCD rate. Transmission, Ancillary and Control Area Service Rate Schedules,  
8 BP-18-E-BPA-11, IR-18, § II.A. The IR rate schedule also provides for a charge for GSR.

9  
10 IR contracts include specified transmission demands at each point of integration, which are based  
11 on the annual peak output of a generating resource or annual peak demand in a power purchase  
12 agreement. The billing factor for the IR demand charge is the contractually specified  
13 transmission demand or, if the contract contains multiple points of integration and transmission  
14 demands, the total transmission demand, which is the sum of the multiple transmission demands  
15 under the contract. Non-firm service in excess of the total transmission demand is billed at the  
16 PTP rate.

17  
18 The IR rate schedule includes an SDD for IR contracts, which decreases the IR rate by up to  
19 40 percent for transmission that uses Network facilities for a distance of less than 75 circuit  
20 miles. *Id.* § II.B. No IR contracts are expected to receive the SDD during the rate period.

21  
22 The IR rate schedule also incorporates other rate provisions and potential adjustments:

- 23
- the Delivery Charge;

- 1 • the Failure to Comply Penalty Charge;
- 2 • provisions detailing the circumstances under which the ratchet demand may be waived or
- 3 reduced; and
- 4 • the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

5 *Id.* § IV. Section 7 of this Study explains the rate provisions in detail.

6  
7 This Study calculates the IR rate by dividing the Network costs allocated to IR service,  
8 \$2.17 million, by the forecast average annual IR sales of 122 MW, yielding a unit cost of  
9 \$17,803/MW-year. Table 7, lines 40-42. This amount is divided by 1,000 to derive a kW-year  
10 unit cost of \$17.80/kW-year. *Id.*, line 42. This kW-year unit cost is divided by 12 to yield a  
11 monthly unit cost of \$1.484/kW-month. *Id.*, line 43.

12  
13 The costs of providing IR service include the Network transmission costs and the costs of SCD  
14 and GSR services, which are the required ancillary services. The IR base rate is calculated by  
15 combining the monthly IR service unit cost of \$1.484/kW-month with the SCD rate of  
16 \$0.318/kW-month, for a total IR rate of \$1.802/kW-month. The IR-18 rate schedule provides for  
17 adding the rate for GSR service to the IR base rate as well. As explained in section 6, however,  
18 the GSR rate has been set at zero, so it has no impact on the charges for IR service.

#### 19 20 **4.5 Formula Power Transmission Rates (FPT-18.1 and FPT-18.3)**

21 The FPT rates are generally based on the types of transmission facilities used under a particular  
22 FPT contract and the distance the energy is transmitted. Depending on the type of FPT contract  
23 the customer has, the FPT rate may be adjusted annually under the FPT-18.1 rate schedule, or

1 adjusted once every three years under the FPT-18.3 rate schedule. The FPT-18.1 rate schedule  
2 will take effect on the first day of the BP-18 rate period (October 1, 2017). The FPT-18.3 rates  
3 will remain at the same level as they were during the BP-16 rate period until October 1, 2019,  
4 which is three years after the rates were last adjusted.

5  
6 Both the FPT-18.1 and FPT-18.3 rate schedules include charges for use of facilities that are part  
7 of the main grid (that portion of the Network facilities with an operating voltage of 230 kV or  
8 more) and for those that are part of the secondary system (that portion of the Network with an  
9 operating voltage between 69 kV and 230 kV). Transmission, Ancillary and Control Area  
10 Service Rate Schedules, BP-18-E-BPA-11, FPT-18.1, § II and FPT-18.3, § II. Within the  
11 category of facilities designated as “main grid” facilities, there are specific charges for use of  
12 main grid interconnection terminals, main grid terminals, and main grid miscellaneous facilities.

13 The secondary system charges are divided into charges for use of secondary system  
14 transformation, secondary system intermediate terminals, and secondary system interconnection  
15 terminals. *Id.* The distance charge has two components: a charge for the distance energy is  
16 transmitted over the main grid, and a charge for the distance energy is transmitted over the  
17 secondary system. *Id.* Each FPT contract has a different overall rate per unit of transmission  
18 demand based on the facilities used under the contract and the distance energy is transmitted.

19  
20 The FPT rate also includes the costs associated with SCD and an adjustment for the GSR charge.

21 *Id.* The FPT rate schedules specify that all customers taking FPT service are subject to the  
22 Failure to Comply Penalty Charge, and customers taking service under the FPT 18.1 rate  
23 schedule are subject to the Transmission Cost Recovery Adjustment Clause and the

1 Transmission Reserves Distribution Clause. *Id.* FPT-18.1, § IV.B-D and FPT-18.3, § IV.B.  
2 Section 7 discusses these rate schedules.

3  
4 Only four customers are expected to take FPT service during the rate period, and the sales under  
5 the few remaining FPT contracts are forecast to constitute about two percent of BPA's Network  
6 revenues. *See* Table 4. Given the relatively small effect of the FPT contracts on BPA's  
7 revenues, this Study relies on certain simplifying assumptions in order to set the FPT-18 rates  
8 instead of a detailed cost analysis of all the categories and subcategories of facilities in the FPT  
9 rate schedule. This Study assumes that the increase in FPT costs will equal the increase in the  
10 sum of the PTP service unit cost (determined in section 4.3) and the rates for the associated  
11 ancillary services. This Study also assumes that the costs for each of the various FPT rate  
12 components (*e.g.*, Main Grid Distance, Main Grid Terminal) will maintain the same proportion  
13 to each other as exists in the FPT-16 rates. The facilities used to provide FPT service and  
14 associated ancillary services are the same type of facilities used to provide other services over  
15 the Network segment. As a result, it is reasonable to assume that their costs accelerate at similar  
16 rates and in relation to one another.

17  
18 The FPT-18.3 is a three year rate that was calculated in FY 2017 and will continue through  
19 FY 2019. The remaining FPT-18 rates use the following methodology: the forecast revenue  
20 from the existing FPT contracts at FY 2018–2019 rates is \$16.92 million. Table 6, line 5.  
21 Dividing the forecast revenue at FY 2016–2017 rates by the sales forecast for FY 2018–2019  
22 results in an average FPT rate of \$1.634/kW-month. A change in the unit cost is calculated by  
23 dividing the Long-Term PTP plus the associated ancillary services BP-18 rates by the Long-

1 Term PTP plus the associated ancillary services at BP-16 rates. This unit cost increase of  
2 0.7% percent is applied to the current rates for the components of FPT and rounded to the nearest  
3 two decimal places to develop the proposed rates. These FPT rate components will be applied to  
4 each reservation based on the facilities utilized by the reservation which will result in different  
5 charges to each FPT reservation. The estimated average rate applied to FPT reservations is  
6 \$1.636/kW-month. The average FPT rate is the denominator for the adjustment of the GSR rate.

7  
8 Multiplying the sales forecast by the average FPT rates for BP-18 yields a revenue forecast of  
9 \$17.01 million. The unit cost of the Network component of the rates is 82.4 percent of the sum  
10 of the unit cost, the SCD rate, and the GSR rate. *Id.*, line 15. Applying this percentage to the  
11 FPT revenue forecast produces \$14.01 million attributable to Network transmission service  
12 excluding ancillary services. This amount of revenue is allocated to covering Network costs.  
13 The remaining revenues of \$3.00 million are attributed to ancillary services and are allocated to  
14 recover SCD costs. Table 10.1, line 15.



1 **5. INTERTIE TRANSMISSION SERVICES**

2  
3 BPA provides Point-to-Point transmission service on the Southern Intertie and the Eastern  
4 Intertie. As described below, this Study develops separate rates for service on these interties.

5  
6 **5.1 Southern Intertie Point-to-Point Rate (IS-18)**

7 The IS-18 rate schedule applies to PTP service on the Southern Intertie. The IS rate schedule  
8 includes rates for long-term firm service; monthly, weekly, and daily service; and hourly firm  
9 service. A single rate applies to all long-term firm service. Like the PTP-18 rate schedule, the  
10 IS-18 rate schedule provides for daily, weekly, and monthly transmission service at daily Block 1  
11 and daily Block 2 rates. One hourly rate applies to all hours of a reservation for hourly service.  
12 Transmission, Ancillary and Control Area Service Rate Schedules, BP-18-E-BPA-11, IS-18, § II.

13  
14 The IS rate schedule also includes these provisions:

- 15 • the requirement to purchase certain ancillary services;
- 16 • a credit for interruption of non-firm service;
- 17 • the Reservation Fee;
- 18 • an Unauthorized Increase Charge;
- 19 • the Failure to Comply Penalty Charge;
- 20 • notice of BPA’s intent to charge incremental cost rates under specified conditions;
- 21 • allowance for a rate adjustment pursuant to a FERC order under section 212 of the  
22 Federal Power Act;
- 23 • notice regarding Direct Assignment Facility costs, which are to be collected under the  
24 Advance Funding rate or Use-of-Facilities rate; and

- the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

*Id.* § IV. See section 7 for further discussion of the rate schedule provisions.

To calculate the IS-18 rates, this Study first determines a unit cost for service on the Southern Intertie. The unit cost equals the net segmented revenue requirement for the Southern Intertie segment divided by the forecast sales for the segment. To determine the net segmented revenue requirement, this Study begins with the segmented revenue requirement determined in the Transmission Revenue Requirement Study. Revenue credits and other adjustments are then applied to the revenue requirement. See Table 1. Section 3 of this Study describes these revenue credits and adjustments.

The Southern Intertie was originally constructed in 1967 and was expanded in 1993 with the participation of non-Federal parties (the capacity owners). The capacity owners obtained a share of the capacity on these facilities and make payments to BPA for use of the capacity. This Study treats revenue from the payments by the capacity owners as a revenue credit allocated to the Southern Intertie, which reduces the segmented revenue requirement. See Tables 2 & 3.

After all revenue credits and adjustments are applied, the average net segmented revenue requirement for the Southern Intertie segment is \$94.71 million. Table 3, line 33. The projected sales on BPA's portion of the Southern Intertie equal 6,042 MW. Table 8, line 4. Dividing dollars by megawatts yields an annual rate of \$14.98/kW-year. *Id.*, line 15. This annual rate is divided by 12 to determine the IS long-term rate of \$1.248/kW-month. *Id.*, line 16.

1 The calculation of the daily and hourly IS-18 rates includes the same adjustment for short-term  
2 sales that the Study makes for other PTP rates. Section 4.3 explains the adjustment. The daily  
3 IS short-term Block 1 rate is calculated by dividing the annual rate, \$14.98/kW-year, by  
4 365 days/year and multiplying by 7/5 to recognize higher weekday demand, which yields  
5 \$0.057/kW-day. *Id.*, line 17. The daily IS short-term Block 2 rate is calculated by dividing the  
6 annual rate by 365 days, yielding \$0.041/kW-day. *Id.*, line 18.

7  
8 The IS hourly rate applies to both firm and non-firm hourly sales. It is calculated by dividing the  
9 annual rate by 8,760 hours/year, dividing by 1,000 to convert to mills, and multiplying by 24/5  
10 and 7/5 to recognize higher demand during weekday evening peak hours in California. *See*  
11 *Fredrickson et al.*, BP-18-E-BPA-12, § 3. The result is a IS-18 hourly rate of 11.49 mills/kWh.  
12 Table 8, line 19.

## 14 **5.2 Eastern Intertie (Montana)**

15 The Broadview-to-Garrison intertie facilities, referred to as the Montana Intertie, were built to  
16 transmit the output of the Colstrip generating facility, a coal plant in Montana, to the Pacific  
17 Northwest. The arrangement for constructing transmission lines and providing transmission  
18 service for Colstrip was set forth in the Montana Intertie Agreement. The Colstrip parties to the  
19 Montana Intertie Agreement (Avista, NorthWestern Energy, PacifiCorp, Portland General  
20 Electric, and Puget Sound Energy, or their predecessors) built transmission facilities between  
21 Broadview and Townsend, Montana. BPA built the facilities between Townsend and Garrison,  
22 which are called the Eastern Intertie. Under the Montana Intertie Agreement, BPA provides  
23 transmission service on the Eastern Intertie to the Colstrip parties at the TGT rate. BPA has the

1 exclusive right to market any remaining transmission capacity in either direction on the Eastern  
2 Intertie.

3  
4 The costs associated with the Eastern Intertie segment are recovered primarily through the  
5 Montana Intertie Agreement under the TGT rate, which is a formula rate specified in the  
6 contract. BPA receives payments under the TGT rate from each Colstrip party for its share of  
7 the costs of the Eastern Intertie capacity. These payments are a revenue credit applied to the  
8 Eastern Intertie segment costs. Table 2, line 4. Non-firm service for the Colstrip parties is  
9 available over the Eastern Intertie under either the IE or IM rate. A proportionate share of any  
10 revenue for non-firm service received under the IE and IM rates is credited under the TGT rate to  
11 the Colstrip parties. Any firm sales BPA makes on BPA's remaining capacity on the Eastern  
12 Intertie are marketed at the IM rate.

### 14 **5.2.1 Montana Intertie Rate (IM-18)**

15 The IM-18 rate applies to service on BPA's capacity share of the Eastern Intertie facilities. The  
16 IM rate schedule includes rates for long-term firm service; monthly, weekly, and daily service;  
17 and hourly firm service. Like the PTP-18 rate schedule, the IM-18 rate schedule provides block  
18 rates for monthly, weekly, and daily firm and non-firm service. One hourly rate applies to all  
19 hours of a reservation for hourly service. *See* Transmission, Ancillary and Control Area Service  
20 Rate Schedules, BP-18-E-BPA-11, IM-18, § II.

1 The IM rate schedule also includes these provisions:

- 2 • the requirement to purchase certain ancillary services;
- 3 • a credit for interruption of non-firm service;
- 4 • the Reservation Fee;
- 5 • an Unauthorized Increase Charge;
- 6 • the Failure to Comply Penalty Charge;
- 7 • notice of BPA's intent to charge incremental cost rates under specified conditions;
- 8 • allowance for a rate adjustment pursuant to a FERC order under section 212 of the
- 9 Federal Power Act;
- 10 • notice regarding Direct Assignment Facility costs, which are to be collected under the
- 11 Advance Funding rate or Use-of-Facilities rate; and
- 12 • the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

13 *Id.* § IV. See section 7 for further discussion of the rate schedule provisions.

14  
15 The IM rate is based on BPA's proportionate share of the costs of the Eastern Intertie facilities as  
16 identified in the Montana Intertie Agreement. BPA forecasts 16 MW of long-term sales over  
17 BPA's capacity during the rate period. Table 8, line 23.

18  
19 The IM-18 annual rate is calculated by dividing the BPA cost under the Montana Intertie  
20 Agreement by the BPA capacity allocation of 16 MW, which yields \$7.18/kW-year. *Id.*, line 27.

21 The monthly IM-18 rate is calculated by dividing the annual rate by 12 months, yielding  
22 \$0.598/kW-month. *Id.*, line 28.

1 The calculation of the daily and hourly IM-18 rates includes the same adjustment for short-term  
2 sales that this Study makes for Network PTP rates. Section 4.3 explains the adjustment. The  
3 daily IM-18 short-term Block 1 rate is set by dividing the IM-18 annual rate by 365 days and  
4 multiplying by the LLH/HLH factor of 7/5, which yields \$0.028/kW-day. *Id.*, line 29. The daily  
5 IM short-term Block 2 rate is calculated by dividing the IM-18 annual rate by 365 days, yielding  
6 \$0.020/kW-day. *Id.*, line 30.

7  
8 The IM hourly rate, which applies to both firm and non-firm hourly sales, is calculated by  
9 dividing the IM-18 annual rate by 8,760 hours/year, dividing by 1,000 to convert to mills, and  
10 multiplying by the LLH/HLH factors of 24/16 and 7/5. *Id.*, line 31. The result is an IM-18  
11 hourly rate of 1.72 mills/kWh. *Id.*

### 12 13 **5.2.2 Townsend-Garrison Transmission Rate (TGT-18)**

14 As described above, BPA recovers the majority of the Eastern Intertie costs through the TGT  
15 rate, which is a formula rate based on the Montana Intertie Agreement. The TGT rate schedule  
16 is Exhibit E to the agreement and has been modified in minor respects in rate proceedings held  
17 since execution of the agreement. The TGT revenues are reflected as a revenue credit allocated  
18 to the Eastern Intertie segment. Table 2, line 4.

### 19 20 **5.2.3 Eastern Intertie Rate (IE-18)**

21 The IE rate is available to the parties to the Montana Intertie Agreement for non-firm  
22 transmission service on the Eastern Intertie. The IE-18 rate is calculated by dividing the annual  
23 costs of the Eastern Intertie segment, \$11.72 million, by the amount of capacity available to the

1 Colstrip parties on the Eastern Intertie, 1,930 MW, then dividing by 8,760 hours/year, and  
2 multiplying by the LLH/HLH factors of 24/16 and 7/5. Table 8, lines 34-36; *see also* § 4.3.  
3 The result is an IE-18 rate of 1.46 mills/kWh. Table 8, line 36.  
4 Under the TGT rate schedule, monthly revenues from any non-firm transactions under the IE-18  
5 and IM-18 rates are deducted from the portion of the total annual costs to be recovered in that  
6 month under the TGT rate. The Colstrip parties' portion of the monthly net cost is then allocated  
7 to them in accordance with the formula in the TGT rate schedule.

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1 which averages \$174.15 million annually over the rate period. Table 10.1, line 8. This Study  
2 adjusts the SCD costs by applying revenue credits and other adjustments, including the portion  
3 of the FPT revenues allocated to SCD. Table 10.1, lines 9-15; *see also* Table 3; §§ 3 & 4.5. The  
4 revenue credits and other adjustments reduce the overall SCD costs to an average of  
5 \$162.90 million annually over the rate period. Table 10.1, line 16.

6  
7 As it does with respect to the calculation of rates for NT, PTP, and IR service on the Network,  
8 this Study calculates allocation percentages for SCD sales associated with NT (based on the non-  
9 coincident peak load forecast), PTP (including PTP service on the Southern Intertie and Montana  
10 Intertie), and IR service based on the ratio of the sales forecast for each service to the total  
11 forecast average annual SCD sales associated with all three services, 42,731 MW. Table 10.1,  
12 line 26. The allocation percentages for SCD sales associated with NT, PTP, and IR services are  
13 17.57 percent, 82.15 percent, and 0.29 percent, respectively. *Id.*, lines 30, 33, 36. Multiplying  
14 the total adjusted average annual SCD revenue requirement of \$162.90 million by the sales  
15 percentage for each service yields an allocated cost of \$28.62 million for NT service,  
16 \$133.82 million for PTP service, and \$0.47 million for IR service. *Id.*, lines 41, 48, 58. This  
17 Study uses these allocated costs to calculate the rates for SCD service associated with NT, PTP,  
18 and IR service.

19  
20 To calculate the SCD rate for NT service, this Study divides the \$28.62 million of SCD costs  
21 allocated to NT service by the NT billing factor of 6,478 MW (the average monthly NT  
22 coincident peak load forecast for the rate period, not considering the Short Distance Discount).  
23 This yields a unit cost of \$4,418/kw-year, which is then divided by 1,000 to derive a kW-year

1 unit cost of \$4.42/kW-year. The kW-year unit cost is divided by 12 to yield a monthly SCD  
2 for NT service unit cost of \$0.368/kW-month. *Id.*, lines 58-61. This Study sets the SCD rate  
3 for NT service equal to this monthly unit cost.

4  
5 The same methodology is used to calculate the SCD rates for PTP, IR, Southern Intertie, and  
6 Montana Intertie service. For the SCD rate for PTP service (including PTP service on the  
7 Southern Intertie and Montana Intertie), the PTP share of total SCD sales (82.15 percent) is  
8 multiplied by the total average annual SCD revenue requirement of \$162.90 million, yielding a  
9 total PTP service class cost of \$133.82 million. This value is divided by forecast average  
10 annual PTP sales (Long-Term and Short-Term combined, and not considering the Short  
11 Distance Discount) of 35,103 MW, yielding a unit cost of \$3,812/MW-year, which is then  
12 divided by 1,000 to derive a kW-year unit cost of \$3.81/kW-year. This kW-year unit cost is  
13 divided by 12 to yield a monthly SCD for PTP service unit cost of \$0.318/kW-month. *Id.*,  
14 lines 46-51.

15  
16 For the SCD rate for IR service, the IR share of total SCD sales (0.29 percent) is multiplied by  
17 the total average annual SCD revenue requirement of \$162.90 million, yielding a total IR  
18 service class cost of \$0.47 million. This value is divided by forecast average annual IR sales of  
19 122 MW, yielding a unit cost of \$3,812/MW-year, which is then divided by 1,000 to derive a  
20 kW-year unit cost of \$3.81/kW-year. This kW-year unit cost is divided by 12 to yield a  
21 monthly SCD for IR service unit cost of \$0.318/kW-month. *Id.*, lines 39-44.

1 The rates for Block 1 daily service and hourly SCD service include the adjustment for short-term  
2 sales that this Study includes for the rates for every PTP service. Section 4.3 discusses this  
3 adjustment. The short-term Block 1 rate of \$0.015/kW-day equals the SCD annual unit cost  
4 divided by 365 days and multiplied by the LLH/HLH factor of 7/5 (seven days divided by five  
5 HLH days). *Id.*, line 52. The Block 2 rate of \$0.010/kW-day equals the SCD annual unit cost  
6 divided by 365 days. *Id.*, line 53. This Study calculates the hourly rate of 0.91 mills/kWh by  
7 dividing the annual unit cost by 8,760 hours/year, dividing by 1,000 to convert to mills, and  
8 multiplying by the LLH/HLH factors of 24/16 (24 hours/day divided by 16 HLH/day) and 7/5.  
9 *Id.*, line 54.

## 11 **6.2 Generation Supplied Reactive Service**

12 The GSR rate is set on a quarterly basis pursuant to a formula in the GSR rate schedule. *See*  
13 Transmission, Ancillary and Control Area Service Rate Schedules, BP-18-E-BPA-11, ACS-18,  
14 § II.B. As of October 1, 2007, BPA Transmission Services no longer compensates BPA Power  
15 Services for generation inputs associated with providing reactive supply and is not required to  
16 pay independent power producers for reactive supply inside the deadband. *See Bonneville Power*  
17 *Admin. v. Puget Sound Energy, Inc.*, 120 FERC ¶ 61,211 (2007), *reh'g denied*, 125 FERC  
18 ¶ 61,273 (2008). Therefore, no costs exist for GSR inside the deadband. BPA is required to pay  
19 generators for reactive supply that it requests outside the deadband, pursuant to the generator's  
20 FERC-approved rate. BPA does not expect any costs for GSR outside the deadband during the  
21 rate period. Therefore, the GSR rate is expected to be zero for the FY 2018–2019 rate period.

1 **7. OTHER SERVICES AND PROVISIONS**

2  
3 **7.1 Western Electricity Coordinating Council (WECC) and Peak Reliability**  
4 **(Peak) Rate**

5 The WECC and Peak rates recover costs associated with funding the reliability activities of the  
6 North American Electric Reliability Corporation (NERC), the Western Electricity Coordinating  
7 Council (WECC), and Peak Reliability (Peak). The WECC rate recovers costs associated with  
8 the Electric Reliability Organization (ERO) responsibilities delegated to WECC by NERC. The  
9 Peak rate recovers costs associated with the Reliability Coordinator and Interchange Authority  
10 functions recently assumed from WECC. The WECC and Peak organizations assign costs to the  
11 Balancing Authorities (BAs) they serve based on load in each BA’s service area (Balancing  
12 Authority Area – BAA). The WECC and Peak costs collected through the WECC and Peak rates  
13 are the share of WECC and Peak costs assessed to BPA due to customers’ load in BPA’s BAA.  
14 WECC and Peak costs assessed to BPA for unscheduled flow, station service and losses are  
15 recovered through the SCD Rate.

16  
17 Total WECC and Peak costs are estimated to average \$6.06 million per year for the FY 2018–  
18 2019 rate period. These costs are directly assigned to SCD as shown in the Ancillary Services  
19 Segmented Revenue requirement shown on Table 1, column I. The forecast \$6.06 million per  
20 year in WECC and Peak costs are based on 2016 actuals, inflated by 1.6 percent, which is the  
21 inflation rate BPA used in the IPR. Of the total forecast of \$6.06 million per year in WECC and  
22 Peak costs, \$2.35 million are for WECC costs and \$2.72 million are for Peak costs related to  
23 customer served load in BPA’s BAA and will be recovered through the WECC and Peak rates.

1 Table 10.1, lines 1, 7. The remainder is associated with unscheduled flow, station service and  
2 losses and will be recovered through the SCD rate.

3  
4 The rates are determined by first removing the WECC and Peak costs related to customer served  
5 load in BPA's BAA from the Ancillary Services segment. Table 3, lines 26-27. BPA then  
6 calculates the WECC and Peak rates by dividing the forecast annual average WECC and Peak  
7 costs resulting from customer's load in BPA's BAA by the forecast average annual load in the  
8 BAA of 50,566,681 kWh. Table 10.2. This results in an hourly WECC rate of \$0.05 mills/kWh  
9 and an hourly Peak rate of \$0.05 mills/kWh. *Id.* These rates will only be charged to customers  
10 serving load in BPA's BAA.

## 11 12 **7.2 Oversupply Rate (OS-18)**

13 The Oversupply rate recovers the displacement costs that BPA pays under Attachment P of its Tariff,  
14 also known as the Oversupply Management Protocol (OMP), for the FY 2018–2019 rate period.

15 Under the protocol, in order to moderate total dissolved gas levels in the Columbia River BPA  
16 displaces generators located in BPA's BAA under a least-cost displacement cost curve. The  
17 Oversupply rate allocates displacement costs to each generator based on the proportion that that  
18 generator's scheduled generation for the hour bears to the total amount of scheduled generation in the  
19 balancing authority area for the hour. For generation scheduled by BPA Power Services, BPA will  
20 bill customers that purchase under the PF, IP, or NR rate schedules using Modified Tier 1 Cost  
21 Allocators (TOCA). TOCAs are customer-specific power rate billing determinants that are  
22 established under the Tiered Rate Methodology for PF customers. Each power customer's billing  
23 determinant is a percentage of the sum of all power customers' billing determinants.

1 See Transmission, Ancillary and Control Area Service Rate Schedules, BP-18-E-BPA-11,  
2 GRSP II.K.

### 3 4 **7.3 Use-of-Facilities Transmission Rate (UFT-18)**

5 Use-of-Facilities Transmission (UFT) service is generally offered in a limited set of situations in  
6 which PTP transmission service is not appropriate. Such situations include, for example, sales of  
7 capacity over a specific set of facilities within a substation (*e.g.*, buswork or a transformer bank)  
8 that do not negatively affect power flows on the rest of the transmission system.

9  
10 The UFT rate schedule includes a formula monthly rate of one-twelfth of the sum of the annual  
11 costs of the transmission facilities used by the UFT customer divided by the sum of the  
12 transmission demand reserved by the UFT customer. If more than one customer uses given  
13 facilities, the costs of the facilities are allocated between the customers based on usage.

14  
15 BPA adjusts the costs of operating and maintaining the transmission facilities (the numerator in  
16 the UFT formula rate) annually. Finally, the UFT rate schedule includes provisions for Ancillary  
17 Services and Failure to Comply Penalties.

### 18 19 **7.4 Advance Funding Rate (AF-18)**

20 If a customer and BPA agree that the customer should advance fund BPA-owned transmission  
21 facilities, the customer will pay BPA the cost of those facilities under the AF-18 rate schedule.  
22 Such facilities may include for example, interconnection and resource integration facilities and  
23 transmission system upgrades, reinforcements, and replacements. The Advance Funding rate

1 allows BPA to recover costs and prevent stranded costs for facilities that BPA builds under  
2 agreements with individual customers. After commercial operation of the facilities, BPA  
3 performs a true-up of estimated costs to actual costs and either bills the customer or issues a  
4 refund for the difference between the advance payment and the actual costs.

## 6 **7.5 Rate Adjustment Due to FERC Order Under Section 212 of the Federal** 7 **Power Act**

8 This provision is included in the NT, PTP, IS, IM, and ACS rate schedules. After review by  
9 FERC, these rate schedules may be modified to satisfy statutory standards for FERC-ordered  
10 transmission service. For customers taking transmission service that has not been ordered by  
11 FERC, any modifications would be effective only prospectively from the date of the FERC order  
12 that grants final approval of the rate schedule for FERC-ordered transmission.

## 14 **7.6 Delivery Charges**

### 15 **7.6.1 Utility Delivery Charge**

16 The Utility Delivery Charge applies to utility customers that take delivery of power over  
17 transmission facilities that are included in the Utility Delivery segment. Utility Delivery  
18 customers are customers that serve retail load, including as investor-owned utilities, public utility  
19 districts, cooperatives, and municipalities.

20  
21 The annual average segmented revenue requirement for the Utility Delivery segment is  
22 \$2.64 million. Table 1, line 27. As described in section 3, this Study applies revenue credits  
23 and adjustments to this amount to determine the net segmented revenue requirement. The



1 annual average net segmented revenue requirement for the Utility Delivery segment is  
2 \$2.44 million. Table 3, line 33.

3  
4 This Study determines an annual unit cost for Utility Delivery service by dividing the  
5 \$2.44 million revenue requirement by the forecast annual average Utility Delivery sales of  
6 163.9 MW. Table 9. This results in an annual unit cost of \$14.89/kW-year and a monthly unit  
7 cost of \$1.241/kW-month. *Id.*

### 8 9 **7.6.2 DSI Delivery Charge**

10 The DSI Delivery Charge applies to direct-service industrial customers that take delivery of  
11 power over transmission facilities that are included in the DSI Delivery segment. The DSI  
12 Delivery Charge is a Use-of-Facility Charge and is determined under sections III.A and B of the  
13 UFT-18 rate schedule. See section 7.3 for an explanation of the Use-of-Facility Charge.

### 14 15 **7.7 Failure to Comply Penalty Charge**

16 The Failure to Comply Penalty Charge applies when a party fails to comply with BPA's  
17 dispatch, curtailment, redispatch, or load shedding orders necessary to maintain system  
18 reliability. Transmission, Ancillary and Control Area Service Rate Schedules, BP-18-E-BPA-11,  
19 GRSP II.B. The charge is the greater of 500 mills/kWh or 150 percent of an hourly energy  
20 index in the Pacific Northwest, measured by the number of kilowatthours a party fails to curtail,  
21 redispatch, shed load, or change or limit generation in response to a BPA order.

1 **7.8 Unauthorized Increase Charge**

2 For firm transmission service under the PTP, IS, and IM rate schedules, BPA assesses an  
3 Unauthorized Increase Charge (UIC) when a customer's transmission usage exceeds its capacity  
4 reservations at any Point of Receipt (POR) or Point of Delivery (POD). *Id.* § II.F. The UIC rate  
5 is the lesser of (i) 100 mills/kWh plus the price cap established by the Commission for spot  
6 market sales of energy in the WECC, or (ii) 1000 mills/kWh. If the Commission eliminates the  
7 WECC price cap, the rate will be 500 mills/kWh.

8  
9 For each hour, BPA adds the amounts that exceed capacity reservations at all PODs and PORs.  
10 The billing factor is the higher of the POR sum or the POD sum. BPA uses hourly  
11 measurements based on a 10-minute moving average to calculate actual demands at PODs  
12 associated with loads that are one-way dynamically scheduled and at PORs associated with  
13 resources that are one-way dynamically scheduled. For two-way dynamic schedules, actual  
14 demands are the instantaneous peak demand for the hour. The actual demands associated with  
15 all other PORs and PODs are based on 60-minute integrated demands or transmission schedules.

16  
17 BPA may waive or reduce a UIC based on the criteria in the GRSPs. Because the UIC is a  
18 penalty rate, and BPA expects customers to limit their usage to the amount of reserved capacity,  
19 BPA does not expect to assess this charge during the rate period.

20  
21 **7.9 Reservation Fee**

22 The Reservation Fee is included in the PTP, IS, and IM rate schedules. The Reservation Fee  
23 applies to PTP transmission customers that, pursuant to OATT section 17.7, request an extension

1 (deferral) of the Service Commencement Date specified in the Service Agreement. The  
2 Reservation Fee is a nonrefundable fee equal to one month's charge for each year or fraction of a  
3 year which the customer extends extension of the service commencement date by the customer.  
4

#### 5 **7.10 IR Ratchet Demand**

6 The IR rate schedule includes a Ratchet Demand Relief provision that describes the  
7 demonstration the customer must make to obtain a waiver or reduction of a Ratchet Demand.

8 A Ratchet Demand is the maximum demand established during a specified period.  
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## **TABLES**

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**Table 1**  
**Transmission Revenue Requirements**  
(\$000/yr)

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Total	Generation Integration	Network	Intertie Southern      Eastern		Delivery Utility	Industry	Ancillary Services/1
<b>1 FY 2018:</b>								
2 FCRTS Investment Base (Net Plant)	5,719,427	70,019	4,460,705	908,178	79,472	7,781	7,005	186,266
3     Percent of Total		1.2%	78.0%	15.9%	1.4%	0.1%	0.1%	3.3%
4 Operations & Maintenance	495,826	6,817	305,967	41,388	5,755	1,707	1,197	132,995
5 Transmission Acquisition & Ancillary Services	105,058	47	17,084	1,347	9	200	10	86,362
6 Depreciation	269,384	3,269	199,374	33,693	3,569	496	397	28,586
7 Net Interest Expense	144,888	1,720	113,956	22,321	1,952	191	172	4,575
8 Planned Net Revenues	34,687	375	26,679	6,131	426	42	38	997
<b>9 Total Transmission Revenue Requirement</b>	<b>1,049,843</b>	<b>12,227</b>	<b>663,060</b>	<b>104,880</b>	<b>11,711</b>	<b>2,636</b>	<b>1,813</b>	<b>253,516</b>
<b>10 FY 2019:</b>								
11 FCRTS Investment Base (Net Plant)	5,908,663	67,645	4,635,492	900,621	76,719	7,521	6,772	213,892
12     Percent of Total		1.1%	78.5%	15.2%	1.3%	0.1%	0.1%	3.6%
13 Operations & Maintenance	497,532	6,824	306,274	41,430	5,761	1,709	1,198	134,336
14 Transmission Acquisition & Ancillary Services	104,491	47	16,517	1,347	9	200	10	86,362
15 Depreciation	281,364	3,336	209,100	34,427	3,628	513	409	29,951
16 Net Interest Expense	157,689	1,758	124,604	23,404	1,994	195	176	5,558
17 Planned Net Revenues	28,130	295	22,866	3,642	334	33	29	931
<b>18 Total Transmission Revenue Requirement</b>	<b>1,069,206</b>	<b>12,259</b>	<b>679,362</b>	<b>104,249</b>	<b>11,726</b>	<b>2,650</b>	<b>1,822</b>	<b>257,138</b>
<b>19 Annual Average for Rate Period</b>								
20 FCRTS Investment Base (Net Plant)	5,814,045	68,832	4,548,099	904,399	78,096	7,651	6,889	200,079
21     Percent of Total		1.2%	78.2%	15.6%	1.3%	0.1%	0.1%	3.4%
22 Operations & Maintenance	496,679	6,820	306,121	41,409	5,758	1,708	1,197	133,666
23 Transmission Acquisition & Ancillary Services	104,774	47	16,800	1,347	9	200	10	86,362
24 Depreciation	275,374	3,302	204,237	34,060	3,598	505	403	29,268
25 Net Interest Expense	151,289	1,739	119,280	22,862	1,973	193	174	5,067
26 Planned Net Revenues	31,409	335	24,772	4,886	380	37	34	964
<b>27 Total Transmission Revenue Requirement</b>	<b>1,059,524</b>	<b>12,243</b>	<b>671,211</b>	<b>104,565</b>	<b>11,718</b>	<b>2,643</b>	<b>1,817</b>	<b>255,327</b>

/1 Ancillary Service costs include Scheduling, System Control, and Dispatch (SCD) and Gen Inputs costs.

**Table 2**  
**Revenue Credits**

(A)	(B)	(C)	(D)	(E)	(F)
Transmission Revenue Credit	FY 2017	FY 2018	FY 2019	Avg 18/19	Growth
	(\$000)	(\$000)	(\$000)	(\$000/yr)	
1	IS Reservation Fee	-	-	-	-
2	UFT Fixed Dollar Amount	4,774	4,774	4,774	4,774
3	UFT Variable Service Amt	288	288	288	288
4	TGT Firm Demand	12,421	12,421	12,421	12,421
5	O&M Non-Federal Facility	539	539	539	539
6	O&M Federal Facility	331	331	331	331
7	PTP Reservation Fee	1,196	893	670	782
8	CF Reservation Fee	-	-	-	-
9	Failure to Comply Penalty	-	-	-	-
10	SINT AC Non Federal O&M	1,775	1,775	1,775	1,775
11	SINT AC Non Fed Replacements	-	-	-	-
12	DSI Delivery Charge	1,915	1,915	1,915	1,915
13	PCS Wireless Leases	5,201	5,201	5,201	5,201
14	PCS Construction	3,720	3,720	3,720	3,720
15	PCS Operations & Maintenance	312	312	312	312
16	Fiber Leases	8,429	8,429	8,429	8,429
17	Fiber Operations & Maintenance	907	907	907	907
18	Land Use/Lease/Sale	216	216	216	216
19	Misc Leases	105	105	105	105
20	Right-Of-Way Lease	79	79	79	79
21	3rd AC RAS Generation Dropping	27	27	27	27
22	AC RAS Load Tripping	-	-	-	-
23	Transmission Share of IPP	246	246	246	246
24	Use of Communication Equipmt	149	149	149	149
25	FPS Real Power Losses	-	-	-	-
26	Amort NonFed PNW AC Intertie	3,378	3,378	3,378	3,378
27	Transmission Processing Fee	43	43	43	43
28	<b>Total</b>	<b>46,050</b>	<b>45,747</b>	<b>45,524</b>	<b>45,635</b>



**Table 2**  
**Revenue Credits**

(A) Credit Segmentation Factors		(B) Basis	(C) Total	(D) Generation Integration	(E) Network	(F) Utility	(G) Delivery Industrial	(H) Southern	(I) Intertie Eastern	(J) Ancillary Services
29	IS Reservation Fee	direct	100.00%	-	-	-	-	100.00%	-	-
30	UFT Fixed Dollar Amount	direct	100.00%	0.13%	58.50%	3.51%	-	37.86%	-	-
31	UFT Variable Service Amt	direct	100.00%	0.13%	58.50%	3.51%	-	37.86%	-	-
32	TGT Firm Demand	direct	100.00%	-	-	-	-	-	100.00%	-
33	O&M Non-Federal Facility	direct	100.00%	-	94.17%	0.17%	5.66%	-	-	-
34	O&M Federal Facility	direct	100.00%	-	94.17%	0.17%	5.66%	-	-	-
35	PTP Reservation Fee	network	100.00%	-	100.00%	-	-	-	-	-
36	CF Reservation Fee	network	100.00%	-	100.00%	-	-	-	-	-
37	Failure to Comply Penalty	network	100.00%	-	100.00%	-	-	-	-	-
38	SINT AC Non Federal O&M	southern	100.00%	-	-	-	-	100.00%	-	-
39	SINT AC Non Fed Replacements	southern	100.00%	-	-	-	-	100.00%	-	-
40	DSI Delivery Charge	industry	100.00%	-	-	-	100.00%	-	-	-
41	PCS Wireless Leases	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
42	PCS Construction	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
43	PCS Operations & Maintenance	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
44	Fiber Leases	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
45	Fiber Operations & Maintenance	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
46	Land Use/Lease/Sale	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
47	Misc Leases	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
48	Right-Of-Way Lease	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
50	3rd AC RAS Generation Dropping	southern	100.00%	-	-	-	-	100.00%	-	-
51	AC RAS Load Tripping	southern	100.00%	-	-	-	-	100.00%	-	-
52	Transmission Share of IPP	network	100.00%	-	100.00%	-	-	-	-	-
53	Use of Communication Equipmt	net plant	100.00%	1.02%	67.70%	0.11%	0.10%	13.46%	1.16%	16.44%
54	FPS Real Power Losses	network	100.00%	-	100.00%	-	-	-	-	-
55	Amort NonFed PNW AC Intertie	southern	100.00%	-	-	-	-	100.00%	-	-
56	Transmission Processing Fee	network	100.00%	-	100.00%	-	-	-	-	-

**Table 2**  
**Revenue Credits**

(A) FY 2018 Revenue	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	Generation Integration (\$000)	Network (\$000)	Utility (\$000)	Delivery Industrial (\$000)	Southern (\$000)	Intertie Eastern (\$000)	Ancillary Services (\$000)
57 IS Reservation Fee	0	0	0	0	0	0	0
58 UFT Fixed Dollar Amount	6	2,793	168	0	1,807	0	0
59 UFT Variable Service Amt	0	168	10	0	109	0	0
60 TGT Firm Demand	0	0	0	0	0	12,421	0
61 O&M Non-Federal Facility	0	507	1	30	0	0	0
62 O&M Federal Facility	0	312	1	19	0	0	0
63 PTP Reservation Fee	0	893	0	0	0	0	0
64 CF Reservation Fee	0	0	0	0	0	0	0
65 Failure to Comply Penalty	0	0	0	0	0	0	0
66 SINT AC Non Federal O&M	0	0	0	0	1,775	0	0
67 SINT AC Non Fed Replacements	0	0	0	0	0	0	0
68 DSI Delivery Charge	0	0	0	1,915	0	0	0
69 PCS Wireless Leases	53	3,521	6	5	700	60	855
70 PCS Construction	38	2,518	4	4	501	43	611
71 PCS Operations & Maintenance	3	211	0	0	42	4	51
72 Fiber Leases	86	5,706	10	9	1,135	98	1,385
73 Fiber Operations & Maintenance	9	614	1	1	122	11	149
74 Land Use/Lease/Sale	2	146	0	0	29	3	36
75 Misc Leases	1	71	0	0	14	1	17
76 Right-Of-Way Lease	1	54	0	0	11	1	13
78 3rd AC RAS Generation Dropping	0	0	0	0	27	0	0
79 AC RAS Load Tripping	0	0	0	0	0	0	0
80 Transmission Share of IPP	0	246	0	0	0	0	0
81 Use of Communication Equipmt	2	101	0	0	20	2	25
82 FPS Real Power Losses	0	0	0	0	0	0	0
83 Amort NonFed PNW AC Intertie	0	0	0	0	3,378	0	0
84 Transmission Processing Fee	0	43	0	0	0	0	0
85 <b>Subtotal FY 2018</b>	<b>203</b>	<b>17,905</b>	<b>201</b>	<b>1,984</b>	<b>9,669</b>	<b>12,643</b>	<b>3,142</b>

**Table 2**  
**Revenue Credits**

(A) FY 2019 Revenue	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	Generation	Network	Delivery	Industrial	Intertie	Ancillary	
	Integration	Network	Utility	Industrial	Southern	Eastern	Services
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
86 IS Reservation Fee	0	0	0	0	0	0	0
87 UFT Fixed Dollar Amount	6	2,793	168	0	1,807	0	0
88 UFT Variable Service Amt	0	168	10	0	109	0	0
89 TGT Firm Demand	0	0	0	0	0	12,421	0
90 O&M Non-Federal Facility	0	507	1	30	0	0	0
91 O&M Federal Facility	0	312	1	19	0	0	0
92 PTP Reservation Fee	0	670	0	0	0	0	0
93 CF Reservation Fee	0	0	0	0	0	0	0
94 Failure to Comply Penalty	0	0	0	0	0	0	0
95 SINT AC Non Federal O&M	0	0	0	0	1,775	0	0
96 SINT AC Non Fed Replacements	0	0	0	0	0	0	0
97 DSI Delivery Charge	0	0	0	1,915	0	0	0
98 PCS Wireless Leases	53	3,521	6	5	700	60	855
99 PCS Construction	38	2,518	4	4	501	43	611
100 PCS Operations & Maintenance	3	211	0	0	42	4	51
101 Fiber Leases	86	5,706	10	9	1,135	98	1,385
102 Fiber Operations & Maintenance	9	614	1	1	122	11	149
103 Land Use/Lease/Sale	2	146	0	0	29	3	36
104 Misc Leases	1	71	0	0	14	1	17
105 Right-Of-Way Lease	1	54	0	0	11	1	13
106 3rd AC RAS Generation Dropping	0	0	0	0	27	0	0
107 AC RAS Load Tripping	0	0	0	0	0	0	0
108 Transmission Share of IPP	0	246	0	0	0	0	0
109 Use of Communication Equipmt	2	101	0	0	20	2	25
110 FPS Real Power Losses	0	0	0	0	0	0	0
111 Amort NonFed PNW AC Intertie	0	0	0	0	3,378	0	0
112 Transmission Processing Fee	0	43	0	0	0	0	0
113 <b>Subtotal FY 2019</b>	<b>203</b>	<b>17,682</b>	<b>201</b>	<b>1,984</b>	<b>9,669</b>	<b>12,643</b>	<b>3,142</b>

**Table 2  
Revenue Credits**

**Allocation calculations:**

**32 Townsend Garrison Transmission is assigned 100% to the Eastern Intertie**

For an explanation of this change, see memo to the record at

<http://internal.bpa.gov/sites/BPARateCase/transmission/Shared%20Documents/Memos%20To%20The%20Record/TGT%20Revenues%20Allocation%20Memo.doc>

**2.B Allocation for Fiber, Land/ROW, Misc Leases based on Net Plant**

	Total	SCD	GSR	RFR	WI	OR-Spin	OR-Supp	EI
Average Ancillary Rev Reqmt (T10)	174,153	174,153	-	-	-	-	-	-
Total Average Rev Rqmt (T1)	1,059,524							
Ancillary Percent of Total Reqmt	16.44%	16.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
*** only SCD/GSR apply for Net Plant								
Net Plant	Total	GenInteg	Network	Util Del	DSI Del	IS	IE	AS
Average FY16-17	5,814,045	68,832	4,548,099	7,651	6,889	904,399	78,096	200,079
Percent of total excluding AS	100.00%	1.23%	81.01%	0.14%	0.12%	16.11%	1.39%	
Allocation (SCD and GSR only)		0.0102	0.6770	0.0011	0.0010	0.1346	0.0116	0.1644

**2.B1-2 UFT**

**2.B4-5 O&M and COE/BOR**

	Total	GI	Network	UtilDeliv	DSI	Southern	Eastern
UFT (per study document).....	5,047,264	6,636	2,952,846	177,120	-	1,910,662	-
Percent of total.....	100.00%	0.13%	58.50%	3.51%	0.00%	37.86%	0.00%
O&M (per study document).....	1,267,031	-	1,193,181	2,136	71,714	-	-
Percent of total.....	100.00%	0.00%	94.17%	0.17%	5.66%	0.00%	0.00%

	Total	GI	Network	Southern	Eastern	UtilDeliv	DSI	AS
<b>2.B Allocation for Fiber, Land/ROW, Misc Leases based on Net Plant</b>								
Average FY14-15	5,814,045	68,832	4,548,099	904,399	78,096	7,651	6,889	200,079
Percent of total	100.00%	1.18%	78.23%	15.56%	1.34%	0.13%	0.12%	3.44%

**2.B1-2 UFT**

UFT (per study document).....	5,047,264	6,636	2,952,846	1,910,662	-	177,120	-
Percent of total.....	100.00%	0.13%	58.50%	37.86%	0.00%	3.51%	0.00%

**2.B4-5 O&M**

O&M (per study document).....	1,267,031	-	1,193,181	-	-	2,136	71,714
Percent of total.....	100.00%	0.00%	94.17%	0.00%	0.00%	0.17%	5.66%

**2.B57 COE/BOR**

COE/BOR per Ron H.....	7,183	-	6,794	-	-	389	
Percent of total.....	100.00%	0.00%	94.58%	0.00%	0.00%	5.42%	0.00%

**Table 3**  
**Segmented Revenue Requirement Adjustments**  
(\$000/yr)

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
	Generation Integration	Network	Intertie Southern	Eastern	Delivery Utility	Industry	Ancillary Services	
1	<b>FY 2018</b>							
2	Unadjusted Costs (Table 1).....	12,227	663,060	104,880	11,711	2,636	1,813	253,516
3	Revenue Credits (Table 2).....	-203	-17,905	-9,669	-12,643	-201	-1,984	-3,142
4	WECC Costs 1/.....	0	0	0	0	0	0	-2,326
5	Peak Costs 1/.....	0	0	0	0	0	0	-2,697
6	IM Tx Revenues.....	0	0	0	-115	0	0	0
7	NT Federal Redispatch Credit 1/.....	0	-160	0	0	0	0	0
8	NT Nonfederal Redispatch Credit 1/.....	0	0	0	0	0	0	0
9	Eastern Intertie Adjustment 2/.....	-13	-828	-169	1,047	-1	-1	-35
10	Industry Delivery Adjustment 2/.....	-2	-136	-28	0	0	172	-6
11	<b>Total</b>	<b>12,010</b>	<b>644,030</b>	<b>95,015</b>	<b>0</b>	<b>2,434</b>	<b>0</b>	<b>245,310</b>
12	<b>FY 2019</b>							
13	Unadjusted Costs (Table 1).....	12,259	679,362	104,249	11,726	2,650	1,822	257,138
14	Revenue Credits (Table 2).....	-203	-17,682	-9,669	-12,643	-201	-1,984	-3,142
15	WECC Costs 1/.....	0	0	0	0	0	0	-2,363
16	Peak Costs 1/.....	0	0	0	0	0	0	-2,741
17	IM Tx Revenues.....	0	0	0	-115	0	0	0
18	NT Firm Redispatch Credit 1/.....	0	-160	0	0	0	0	0
19	NT Nonfederal Redispatch Credit 1/.....	0	0	0	0	0	0	0
20	Eastern Intertie Adjustment 2/.....	-12	-820	-159	1,032	-1	-1	-38
21	Industry Delivery Adjustment 2/.....	-2	-130	-25	0	0	163	-6
22	<b>Total</b>	<b>12,043</b>	<b>660,570</b>	<b>94,395</b>	<b>0</b>	<b>2,448</b>	<b>0</b>	<b>248,847</b>
23	<b>Average FY 2018 and FY 2019</b>							
24	Unadjusted Costs (Table 1).....	12,243	671,211	104,565	11,718	2,643	1,817	255,327
25	Revenue Credits (Table 2).....	-203	-17,794	-9,669	-12,643	-201	-1,984	-3,142
26	WECC Costs 1/.....	0	0	0	0	0	0	-2,345
27	Peak Costs 1/.....	0	0	0	0	0	0	-2,719
28	IM Tx Revenues.....	0	0	0	-115	0	0	0
29	NT Firm Redispatch Credit 1/.....	0	-160	0	0	0	0	0
30	NT Nonfederal Redispatch Credit 1/.....	0	0	0	0	0	0	0
31	Eastern Intertie Adjustment 2/.....	-12	-824	-164	1,039	-1	-1	-36
32	Industry Delivery Adjustment 2/.....	-2	-133	-26	0	0	167	-6
33	<b>Total</b>	<b>12,026</b>	<b>652,300</b>	<b>94,705</b>	<b>0</b>	<b>2,441</b>	<b>0</b>	<b>247,078</b>

1/ NT Redispatch Credit adjustments are for NT Redispatch costs that are 100% assignable to NT Service.

2/ Eastern Intertie, Industry Delivery, and Utility Delivery adjustments (cost - revenue) segmented on Table 1 net plant percentages.

**Table 4**  
**Long-term Transmission Sales**

(MegaWatts)

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
Transmission Rate Schedule	MWts	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
<b>1 Network</b>														
<b>2 FY 2018</b>														
3 Formula Power Transmission -- 1 Year	m_cd	852	852	852	852	852	852	852	852	852	852	852	852	<b>852</b>
4 Formula Power Transmission -- 3 Year		32	32	32	32	32	32	32	32	32	32	32	32	<b>32</b>
5 Integration of Resources (IR)	m_cd	266	266	266	266	266	266	266	266	266	266	266	266	<b>244</b>
6 PTP	m_cd	27,003	27,003	27,012	27,012	27,012	27,012	27,012	27,112	27,262	27,262	27,462	27,723	<b>27,157</b>
7 PTP SDD	m_cd	-672	-672	-672	-672	-672	-672	-672	-672	-672	-672	-672	-672	<b>-672</b>
8 Point to Point (PTP)	m_cd	26,330	26,330	26,339	26,339	26,339	26,339	26,339	26,439	26,589	26,589	26,789	27,051	<b>26,485</b>
9 Point to Point (PTP) w/o SDD	m_cd	27,003	27,003	27,012	27,012	27,012	27,012	27,012	27,112	27,262	27,262	27,462	27,723	<b>27,157</b>
10 PTP to Which SCD Charges Do Not Apply	m_cd	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	<b>-68</b>
11 NT SDD EXPECTATION	m_cp	-120	-118	-118	-118	-118	-118	-120	-120	-120	-120	-120	-120	<b>-119</b>
12 NT Coincident with Transmission Peak (CP):														
13 Network Load Service	m_cp	5,752	6,915	7,932	7,534	7,307	6,515	5,885	5,463	5,803	6,309	6,286	5,690	<b>6,449</b>
14 Network Transmission (NT) (Including SDD)	m_cp	5,632	6,797	7,813	7,415	7,189	6,397	5,765	5,343	5,683	6,189	6,166	5,570	<b>6,330</b>
15 Annual peak	a_cp													<b>7,813</b>
16 NT Coincident with Customer Peak (NCP):														
17 Network Load Service	m_ncp	6,911	7,948	8,880	8,851	8,467	7,754	7,338	6,623	6,526	6,997	6,898	6,502	<b>7,475</b>
18 Network Transmission (NT) (Including SDD)	m_ncp	6,791	7,830	8,762	8,733	8,348	7,636	7,219	6,503	6,406	6,877	6,778	6,382	<b>7,356</b>
19 Annual peak	a_ncp													<b>8,762</b>
<b>20 Subtotal FY 2018</b>		<b>33,233</b>	<b>34,396</b>	<b>35,422</b>	<b>35,024</b>	<b>34,797</b>	<b>34,005</b>	<b>33,375</b>	<b>33,053</b>	<b>33,542</b>	<b>34,049</b>	<b>34,226</b>	<b>33,625</b>	<b>34,062</b>
<b>21 FY 2019</b>														
22 Formula Power Transmission -- 1 Year	m_cd	852	852	852	802	802	802	802	802	802	802	802	802	<b>815</b>
23 Formula Power Transmission -- 3 Year		32	32	32	32	32	32	32	32	32	0	0	0	<b>24</b>
24 Integration of Resources (IR)	m_cd	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
25 PTP	m_cd	27,828	27,828	27,828	27,878	27,878	27,878	27,878	27,878	27,878	27,910	28,010	28,020	<b>27,891</b>
26 PTP SDD	m_cd	-672	-672	-672	-672	-672	-672	-672	-672	-672	-672	-676	-676	<b>-673</b>
27 Point to Point (PTP)	m_cd	27,155	27,155	27,155	27,205	27,205	27,205	27,205	27,205	27,205	27,237	27,334	27,344	<b>27,218</b>
28 Point to Point (PTP) w/o SDD	m_cd	27,828	27,828	27,828	27,878	27,878	27,878	27,878	27,878	27,878	27,910	28,010	28,020	<b>27,891</b>
29 PTP to Which SCD Charges Do Not Apply	m_cd	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	<b>-66</b>
30 NT SDD EXPECTATION	m_cp	-120	-118	-118	-118	-118	-118	-120	-120	-120	-120	-120	-120	<b>-119</b>
31 NT Coincident with Transmission Peak (CP):														
32 Network Load Service	m_cp	5,841	7,015	8,034	7,580	7,346	6,558	5,912	5,497	5,858	6,372	6,338	5,737	<b>6,507</b>
33 Network Transmission (NT) (Including SDD)	m_cp	5,722	6,897	7,916	7,462	7,227	6,439	5,792	5,377	5,739	6,253	6,218	5,617	<b>6,388</b>
34 Annual peak	a_cp													<b>7,916</b>
35 NT Coincident with Customer Peak (NCP):														
36 Network Load Service	m_ncp	7,030	8,076	9,006	8,890	8,510	7,783	7,374	6,673	6,588	7,043	6,944	6,537	<b>7,538</b>
37 Network Transmission (NT) (Including SDD)	m_ncp	6,910	7,958	8,888	8,772	8,392	7,665	7,254	6,553	6,468	6,923	6,825	6,417	<b>7,419</b>
38 Annual peak	a_ncp													<b>8,888</b>
<b>39 Subtotal FY 2019</b>		<b>33,881</b>	<b>35,055</b>	<b>36,074</b>	<b>35,620</b>	<b>35,386</b>	<b>34,598</b>	<b>33,952</b>	<b>33,537</b>	<b>33,898</b>	<b>34,412</b>	<b>34,474</b>	<b>33,883</b>	<b>34,564</b>

**Table 4**  
**Long-term Transmission Sales**

(MegaWatts)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
<b>Transmission Rate Schedule</b>	<b>MWts</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Annual</b>	
40 <b>Network Average for Rate Period</b>															
41 Formula Power Transmission -- 1 Year	m_cd	852	852	852	827	827	827	827	827	827	827	827	827	827	<b>834</b>
42 Formula Power Transmission -- 3 Year		32	32	32	32	32	32	32	32	32	32	16	16	16	<b>28</b>
43 Integration of Resources (IR)	m_cd	133	133	133	133	133	133	133	133	133	133	133	133	0	<b>122</b>
44 Point to Point (PTP) with SDD	m_cd	26,743	26,743	26,747	26,772	26,772	26,772	26,772	26,822	26,897	26,913	27,062	27,197		<b>26,851</b>
45 Point to Point (PTP) w/o SDD	m_cd	27,415	27,415	27,420	27,445	27,445	27,445	27,445	27,495	27,570	27,586	27,736	27,871		<b>27,524</b>
46 PTP to Which SCD Charges Do Not Apply	m_cd	-67	-67	-67	-67	-67	-67	-67	-67	-67	-67	-67	-67	-67	<b>-67</b>
47 NT Coincident with Transmission Peak (CP):															
48 Network Load Service	m_cp	5,797	6,965	7,983	7,557	7,327	6,536	5,898	5,480	5,830	6,341	6,312	5,713		<b>6,478</b>
49 Network Transmission (NT) (Including SDD)	m_cp	5,677	6,847	7,865	7,439	7,208	6,418	5,779	5,360	5,711	6,221	6,192	5,593		<b>6,359</b>
50 Annual peak															<b>7,865</b>
51 NT Coincident with Customer Peak (NCP):															
52 Network Load Service	m_ncp	6,971	8,012	8,943	8,871	8,488	7,769	7,356	6,648	6,557	7,020	6,921	6,520		<b>7,506</b>
53 Network Transmission (NT) (Including SDD)	m_ncp	6,851	7,894	8,825	8,752	8,370	7,651	7,236	6,528	6,437	6,900	6,801	6,400		<b>7,387</b>
54 Annual peak	a_ncp														<b>8,825</b>
55 <b>Subtotal Network</b>		<b>33,557</b>	<b>34,725</b>	<b>35,748</b>	<b>35,322</b>	<b>35,091</b>	<b>34,301</b>	<b>33,663</b>	<b>33,295</b>	<b>33,720</b>	<b>34,230</b>	<b>34,350</b>	<b>33,754</b>		<b>34,313</b>
56 <b>Southern Intertie</b>															
57 <b>FY 2018</b>															
58 IS CONFIRMED	m_cd	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	<b>6,042</b>
59 IS EXPECTATION	m_cd	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
60 <b>Subtotal FY 2018</b>	m_cd	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>
61 <b>FY 2019</b>															
62 IS CONFIRMED	m_cd	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	6,042	<b>6,042</b>
63 IS EXPECTATION	m_cd	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
64 <b>Subtotal FY 2019</b>	m_cd	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>
65 <b>Southern Intertie Average for Rate Period</b>															
66 <b>Subtotal Southern Intertie (IS)</b>	m_cd	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>	<b>6,042</b>
67 <b>Montana Intertie</b>															
68 <b>FY 2018</b>															
69 Montana Intertie (IM)	m_cd	16	16	16	16	16	16	16	16	16	16	16	16	16	<b>16</b>
70 <b>FY 2019</b>															
71 Montana Intertie (IM)	m_cd	16	16	16	16	16	16	16	16	16	16	16	16	16	<b>16</b>
72 <b>Montana Intertie Average for Rate Period</b>	m_cd	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>

m\_cd = Monthly Contract Demand; m\_cp = Monthly Coincidental Peak; a\_cp = Annual Coincidental Peak; m\_ncp = Monthly Non-Coincidental Peak; a\_ncp = Annual Non-Coincidental Peak

**Table 5**  
**Short-term Transmission Sales**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
	<b>Short-term Product</b>	<b>Units</b>	<b>Oct.</b>	<b>Nov.</b>	<b>Dec.</b>	<b>Jan.</b>	<b>Feb.</b>	<b>Mar.</b>	<b>Apr.</b>	<b>May</b>	<b>Jun.</b>	<b>Jul.</b>	<b>Aug.</b>	<b>Sep.</b>	<b>Annual</b>
1	Days in Month		31	30	31	31	28	31	30	31	30	31	31	30	
2	<b>Network (PTP only short-term)</b>														
3	<b>FY 2018 1/</b>														
4	Monthly/Weekly/Daily Block1	MW-days	225	1,285	4,015	6,070	5,740	11,750	14,885	18,350	18,160	2,280	1,365	250	<b>84,375</b>
5	Monthly/Weekly/Daily Block2	MW-days	2,355	5,115	8,705	10,965	11,615	24,920	47,725	46,485	23,415	10,945	5,510	1,690	<b>199,445</b>
6	Hourly	MWh	113,976	159,072	206,088	204,936	185,232	302,544	263,592	339,624	304,776	317,616	144,072	129,768	<b>2,671,296</b>
7	Monthly/Weekly/Daily Block1	m_cd	7	43	130	196	205	379	496	592	605	74	44	8	<b>232</b>
8	Monthly/Weekly/Daily Block2	m_cd	76	171	281	354	415	804	1,591	1,500	781	353	178	56	<b>546</b>
9	Hourly	m_cd	153	221	277	275	276	407	366	456	423	427	194	180	<b>305</b>
10	<b>Subtotal FY 2018</b>	m_cd	<b>236</b>	<b>434</b>	<b>687</b>	<b>825</b>	<b>895</b>	<b>1,590</b>	<b>2,453</b>	<b>2,548</b>	<b>1,809</b>	<b>854</b>	<b>415</b>	<b>245</b>	<b>1,083</b>
11	<b>FY 2019 1/</b>														
12	Monthly/Weekly/Daily Block1	MW-days	235	1,295	4,070	6,000	5,675	11,555	14,660	17,875	17,225	2,305	1,370	270	<b>82,535</b>
13	Monthly/Weekly/Daily Block2	MW-days	2,565	5,245	8,815	10,770	11,335	24,510	47,090	45,735	22,365	11,000	5,515	1,835	<b>196,780</b>
14	Hourly	MWh	121,296	166,320	210,696	197,160	177,024	288,840	237,912	307,272	276,240	321,048	144,384	118,344	<b>2,566,536</b>
15	Monthly/Weekly/Daily Block1	m_cd	8	43	131	194	203	373	489	577	574	74	44	9	<b>227</b>
16	Monthly/Weekly/Daily Block2	m_cd	83	175	284	347	405	791	1,570	1,475	746	355	178	61	<b>539</b>
17	Hourly	m_cd	163	231	283	265	263	388	330	413	384	432	194	164	<b>293</b>
18	<b>Subtotal FY 2019</b>	m_cd	<b>253</b>	<b>449</b>	<b>699</b>	<b>806</b>	<b>871</b>	<b>1,552</b>	<b>2,389</b>	<b>2,465</b>	<b>1,703</b>	<b>861</b>	<b>416</b>	<b>235</b>	<b>1,058</b>
19	<b>Rate Period</b>														
20	Monthly/Weekly/Daily Block1	m_cd	7	43	130	195	204	376	492	584	590	74	44	9	<b>229</b>
21	Monthly/Weekly/Daily Block2	m_cd	79	173	283	351	410	797	1,580	1,487	763	354	178	59	<b>543</b>
22	Hourly	m_cd	158	226	280	270	270	397	348	435	403	429	194	172	<b>299</b>
23	<b>Subtotal Rate Period</b>	m_cd	<b>245</b>	<b>442</b>	<b>693</b>	<b>815</b>	<b>883</b>	<b>1571</b>	<b>2421</b>	<b>2506</b>	<b>1756</b>	<b>857</b>	<b>416</b>	<b>240</b>	<b>1070</b>



**Table 5**  
**Short-term Transmission Sales**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
<b>Short-term Product</b>	<b>Units</b>	<b>Oct.</b>	<b>Nov.</b>	<b>Dec.</b>	<b>Jan.</b>	<b>Feb.</b>	<b>Mar.</b>	<b>Apr.</b>	<b>May</b>	<b>Jun.</b>	<b>Jul.</b>	<b>Aug.</b>	<b>Sep.</b>	<b>Annual</b>	
24 <b>Southern Intertie</b>								28							
25 <b>FY 2018 1/</b>															
26 Monthly/Weekly/Daily Block1	MW-days	0	0	205	375	480	375	0	0	305	160	0	0	<b>1,900</b>	
27 Monthly/Weekly/Daily Block2	MW-days	0	0	245	460	590	455	0	0	375	195	0	0	<b>2,320</b>	
28 Hourly	MWh	26,952	25,608	28,560	27,264	27,312	33,360	28,128	31,536	34,800	34,248	27,288	26,304	<b>351,360</b>	
29 Monthly/Weekly/Daily Block1	m_cd	0	0	7	12	17	12	0	0	10	5	0	0	<b>5</b>	
30 Monthly/Weekly/Daily Block2	m_cd	0	0	8	15	21	15	0	0	13	6	0	0	<b>6</b>	
31 Hourly	m_cd	36	36	38	37	41	45	39	42	48	46	37	37	<b>40</b>	
32 <b>Subtotal FY 2018</b>	<b>m_cd</b>	<b>36</b>	<b>36</b>	<b>53</b>	<b>64</b>	<b>79</b>	<b>72</b>	<b>39</b>	<b>42</b>	<b>71</b>	<b>57</b>	<b>37</b>	<b>37</b>	<b>52</b>	
33 <b>FY 2019 1/</b>															
34 Monthly/Weekly/Daily Block1	MW-days	0	0	205	375	480	375	0	0	305	160	0	0	<b>1,900</b>	
35 Monthly/Weekly/Daily Block2	MW-days	0	0	245	460	590	455	0	0	375	195	0	0	<b>2,320</b>	
36 Hourly	MWh	28,824	25,968	28,848	26,880	26,904	31,008	27,432	30,288	31,896	34,920	27,192	26,664	<b>346,824</b>	
37 Monthly/Weekly/Daily Block1	m_cd	0	0	7	12	17	12	0	0	10	5	0	0	<b>5</b>	
38 Monthly/Weekly/Daily Block2	m_cd	0	0	8	15	21	15	0	0	13	6	0	0	<b>6</b>	
39 Hourly	m_cd	39	36	39	36	40	42	38	41	44	47	37	37	<b>40</b>	
40 <b>Subtotal FY 2019</b>	<b>m_cd</b>	<b>39</b>	<b>36</b>	<b>53</b>	<b>63</b>	<b>78</b>	<b>68</b>	<b>38</b>	<b>41</b>	<b>67</b>	<b>58</b>	<b>37</b>	<b>37</b>	<b>51</b>	
41 <b>Rate Period</b>															
42 Monthly/Weekly/Daily Block1	m_cd	0	0	7	12	17	12	0	0	10	5	0	0	<b>5</b>	
43 Monthly/Weekly/Daily Block2	m_cd	0	0	8	15	21	15	0	0	13	6	0	0	<b>6</b>	
44 Hourly	m_cd	37	36	39	36	40	43	39	42	46	46	37	37	<b>40</b>	
45 <b>Subtotal Rate Period</b>	<b>m_cd</b>	<b>37</b>	<b>36</b>	<b>53</b>	<b>63</b>	<b>79</b>	<b>70</b>	<b>39</b>	<b>42</b>	<b>69</b>	<b>58</b>	<b>37</b>	<b>37</b>	<b>52</b>	

1/ Values based on market and streamflow estimates combined with historical trends

m\_cd = Monthly Contract Demand (average), i.e. MW-days divided by days in month, MWh divided by hours in month

**Table 6**  
**Calculation of Formula Power Transmission Rates**

(A)	(B) Source	(C) Sales MegaWatts (MW)	(D) Revenues \$000/yr	(E) Percent	(F) Network Rates \$/kW-mo
<b>1 Transmission revenues from current rates</b>					
2 Formula Power Transmission (FPT) sales	Table 4, Line 41 (O)	<b>862</b>			
3 FY18 FPT Revenues /1	Revenue forecast		17,186		
4 FY19 FPT Revenues /1	Revenue forecast		16,656		
5 Average FPT revenues	(Line 3 + line 4) / 2		<u>16,921</u>		
6 Current unit cost	Line 2 / line 5				1.634
7 Current PTP/IR rate plus Ancillary Services	Table 11, lines 26, 54 and 59 (D)				1.790
<b>8 Transmission revenues:</b>					
<b>9 Assuming FPT3 rate stays constant</b>					
10 FY 2018-2019 PTP/IR rate plus Ancillary Services	Table 11, lines 26, 54 and 59 (E)				1.802
11 Rate increase (PTP/IR rate + Ancillary)	(Line 10 - line 7) / line 7			0.7%	
12 Unit cost	Line 6 * ( 1 + line 11 )				<b>1.645</b>
13 FPT revenues	Line 2 * line 12 * 12		17,010		
14 PTP/IR rate	Table 11, line 26 (E)				1.484
15 Transmission percent of total	Line 14 / line 10			82.4%	
16 Network transmission	Line 15 * line13		<b>14,008</b>		
17 Ancillary service percent of total	100% - line 15			17.6%	
18 FPT portion of Scheduling Control & Dispatch	Line 13 - line 16		<b>3,002</b>		
19 FPT portion of Generation Supplied Reactive			0		
20 BP-16 Transmission percent of FY2018 FPT3 Revenues	BP-14 Rates Model, Table 9, line 14			83.2%	
21 FPT1 Revenues, FY2018	Table 4, Line 3 (O) * Line12 * 12		16,823		
22 FPT3 Revenues, FY2018	Table 4, Line 4 (O) * Line6 * 12		632		
23 Total FY2018 Revenues	Line 21 + line 22		<u>17,455</u>		
24 FPT1 Revenues, FY2019	Table 4, Line 22 (O) * Line12 * 12		16,083		
25 FPT3 Revenues, FY2019	Table 4, Line 23 (O) * Line6 * 12		474		
26 Total FY2019 Revenues	Line 24 + line 25		<u>16,557</u>		
27 Network transmission portion of FY2018 FPT1 Revenue	Line 15 * line 21		13,855		
28 Network transmission portion of FY2018 FPT3 Revenue	Line 20 * line 22		526		
29 Total Network Transmission portion of FY2018 FPT Revenue	Line 27 + line 28		<u>14,380</u>		
30 Network transmission portion of FY2019 FPT1 Revenue	Line 15 * line 24		13,245		
31 Network transmission portion of FY2019 FPT3 Revenue	Line 20 * line 25		394		
32 Total Network Transmission portion of FY2019 FPT Revenue	Line 30 + line 31		<u>13,639</u>		
33 Average Annual Network Transmission Revenues	(Line 29 + line 32) / 2		14,010		
34 SCD Portion of of FY2018 FPT1 revenue	Line 21 - line 27		2,969		
35 SCD Portion of of FY2018 FPT3 revenue	Line 22 - line 28		106		
36 Total SCD Portion of FY2018 FPT Revenue	Line 34 + line 35		<u>3,075</u>		
37 SCD Portion of of FY2019 FPT1 revenue	Line 24 - line 30		2,838		
38 SCD Portion of of FY2019 FPT3 revenue	Line 25 - line 31		80		
39 Total SCD Portion of FY2019 FPT Revenue	Line 37 + line 38		<u>2,918</u>		
40 Average Annual SCD Revenues	(Line 36 + line 39) / 2		2,996		

/1 Based on revenue forecast of FPT contracts active in the FY2018-19 time frame

**Table 7**  
**Calculation of PTP, IR, and NT Rates**

(A)	(B)	(C)	(D)	(E)	(F)	(G)
<b>FY 2018/2019</b>	<b>Source</b>	<b>Costs</b>	<b>Sales</b>	<b>Percentage</b>	<b>Rates</b>	<b>Revenues</b>
1 <b>Network costs</b>		\$000/Yr	aMW			
2 Segmented Network costs	Table 3, line 33 (C)	652,300				
3 Less: FPT transmission revenues	Table 6, line 33 (D)	14,030				
4 Net costs	Line 2 - line 3	<u>638,270</u>				
5 <b>Network sales (IR, PTP, NT)</b>						
6 Integration of Resources (IR)	Table 4, line 43 (O)		122			
7 Point to point (PTP) w/o SDD	Table 4, line 45 (O)		27,524			
8 Point to point (PTP) with SDD	Table 4, line 44 (O)		26,851			
9 Network Integration w/o SDD (12 CP average peak)	Table 4, line 48 (O)		6,478			
10 Network Integration with SDD (12CP average peak)	Table 4, line 49 (O)		6,359			
11 Annual peak (1 CP)	Table 4, line 50 (O)		7,865			
12 Network Integration w/o SDD (12 NCP Average peak)	Table 4, line 58 (O)		7,506			
13 Network Integration with SDD (12 NCP Average peak)	Table 4, line 53 (O)		7,387			
14 Annual Noncoincidental Peak (1NCP)	Table 4, line 54 (O)		8,825			
15 Daily block 1 (day 1 through 5)	Table 5, line 20 (O)		229			
16 Daily block 2 (day 6 and beyond)	Table 5, line 21 (O)		543			
17 Hourly	Table 5, line 22 (O)		299			
18 <b>Sales used for cost allocation</b>						
19 IR Contracts	Line 6		122			
20 NT load (12NCP average peak)	Line 13		7,387			
21 PTP Contracts (with SDD)	Line 7		26,851			
22 Daily block 1 (day 1 through 5)	Line 15 x (7/5)		321			
23 Daily block 2 (day 6 and beyond)	Line 16		543			
24 Hourly	Line 17 x (7/5) x (24/16)		<u>627</u>			
25 Total cost allocation sales -- Reserved capacity contracts	Sum of lines 19 through 24		<u>35,851</u>			

**Table 7  
Calculation of PTP, IR, and NT Rates**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
	<b>FY 2018/2019</b>	<b>Source</b>	<b>Costs</b>	<b>Sales</b>	<b>Percentage</b>	<b>Rates</b>	<b>Revenues</b>
26	<b>Sales allocation percentages:</b>						
27	IR contract demand	Line 6		<b>122</b>			
28	Total cost allocation sales	Line 25		<b>35,851</b>			
29	IR Percentage	Line 27 / line 28			<b>0.34%</b>		
30	PTP contract demand	Line 8 + lines 22 through 24		<b>28,342</b>			
31	Total cost allocation sales	Line 25		<b>35,851</b>			
32	PTP Percentage	Line 30 / line 31			<b>79.05%</b>		
33	NT Load	Line 13		<b>7,387</b>			
34	Total cost allocation sales	Line 25		<b>35,851</b>			
35	NT Percentage	Line 33 / line 34			<b>20.61%</b>		
36	<b>Application of Revenue Requirements to Products:</b>						
37	IR rate calculation:						
38	Total segment costs	Line 4	638,270				
39	IR cost allocation percentage	Line 29			<b>0.34%</b>		
40	Allocated IR costs	Line 38 x line 39	2,171				
41	IR Billing Factor (= IR contract demand)	Line 27		122			
42	IR annual rate (\$/kW-yr)	Line 40 / line 41				17.80	
43	Monthly (\$/kW-mo)	Line 42 / 12				1.484	
44	PTP rate calculation:						
45	Total segment costs	Line 4	638,270				
46	PTP cost allocation percentage	Line 32			79.05%		
47	Allocated PTP costs	Line 45 x line 46	504,582				
48	PTP Billing factor (= PTP contract demand)	Line 30		28,342			
49	PTP annual rate (\$/kW-yr)	Line 47 / line 48				17.80	
50	Monthly (\$/kW-mo)	Line 49 / 12				1.484	
51	Daily block1 (\$/kW-day)	Line 49 / (365) x (7/5)				<b>0.068</b>	
52	Daily block2 (\$/kW-day)	Line 49 / (365)				<b>0.049</b>	
53	Hourly (mills/kWh)	Line 49 / (8.76) x (7/5) x (24/16)				<b>4.27</b>	

**Table 7**  
**Calculation of PTP, IR, and NT Rates**

(A)	(B)	(C)	(D)	(E)	(F)	(G)
<b>FY 2018/2019</b>	<b>Source</b>	<b>Costs</b>	<b>Sales</b>	<b>Percentage</b>	<b>Rates</b>	<b>Revenues</b>
54	NT rate calculation:					
55	Total segment costs	Line 4	638,270			
56	NT cost allocation percentage	Line 35		20.61%		
57	Allocated NT costs	Line 55 x line 56	131,517			
58	NT federal redispatch costs	Table 3, line 29 (C)	160			
59	NT non-federal redispatch costs	Table 3, line 30 (C)	-			
60	Total NT costs	Sum of lines 57 through 59	131,677			
61	NT Billing Factor (= NT 12 CP Average Peak load)	Line 10		6,359		
62	NT annual rate (\$/kW-yr)	Line 60 / line 61			20.71	
63	Monthly (\$/kW-mo)	Line 62 / 12			1.726	
64	<b>Short distance discount forecast</b>					
65	NT reduction (credit) from SDD	(Line 9 - line 10) x line 62	2,468			
66	PTP reduction (credit) from SDD	(Line 7 - line 8) x line 49	11,974			
67	Total SDD credit	Line 65 + line 66	<b>14,442</b>			

**Table 8**  
**Calculation of Intertie Rates**

(A)	(B)	(C)	(D)	(E)
<b>FY 2018/2019</b>	<b>Source</b>	<b>Costs</b>	<b>Sales</b>	<b>Rates</b>
1	<b>Intertie Costs</b>	\$000/Yr	aMW	
2	Rate Development Costs	Table 3, line 33 (D)		
		<b>94,705</b>		
3	<b>Southern Intertie Sales</b>			
4	Long-term agreements	Table 4, line 66 (O)	6,042	
5	Short-term daily block 1	Table 5, line 42 (O)	5	
6	Short-term daily block 2	Table 5, line 43 (O)	6	
7	Hourly	Table 5, line 44 (O)	40	
8	<b>Sales used for cost allocation</b>			
9	Long-term agreements	Line 4	6,042	
10	Daily block 1 (day 1 through 5)	Line 5 x (7/5)	7	
11	Daily block 2 (day 6 and beyond)	Line 6	6	
12	Hourly	Line 7 x (7/5) x (24/5)	268	
13	Total cost allocation sales	Sum of lines 9 through 12	<b>6,324</b>	
14	<b>IS rate calculation</b>			
15	Annual (\$/kW-yr)	Line 2 / line 13		14.98
16	Monthly (\$/kW-mo)	Line 15 / (12)		<b>1.248</b>
17	Daily block1 (\$/kW-day)	Line 15 / (365) x (7/5)		<b>0.057</b>
18	Daily block2 (\$/kW-day)	Line 15 / (365)		<b>0.041</b>
19	Hourly (mills/kWh)	Line 15 / (8.76) x (7/5) x (24/5)		<b>11.49</b>

**Table 8**  
**Calculation of Intertie Rates**

	(A)	(B)	(C)	(D)	(E)
FY 2018/2019		Source	Costs	Sales	Rates
			\$000/Yr	aMW	
20					
21	<b>IM rate calculation</b>				
22	Eastern Intertie Costs	Montana Intertie Agreement	12,536		
23	IM Sales	Table 4, line 71 (O)		16	
24	TGT Sales	Montana Intertie Agreement		1,730	
25	Total Sales	Line 23 + line 24		1,746	
26	BPA Annual Share of Costs	Line 22 x (line 23 / line 25)	115		
27	Annual (\$/kW-yr)	Line 26 / line 23			7.18
28	Monthly (\$/kW-mo)	Line 27 / (12)			<b>0.598</b>
29	Daily block1 (\$/kW-day)	Line 27 / (365) x (7/5)			<b>0.028</b>
30	Daily block2 (\$/kW-day)	Line 27 / (365)			<b>0.020</b>
31	Hourly (mills/kWh)	Line 27 / (8.76) x (7/5) x (24/16)			<b>1.72</b>
32	IM Revenue	Line 23 x line 27		<b>115</b>	
33	<b>IE Rate Calculation</b>				
34	Eastern Intertie Segment Costs	Table 1, line 27 (F)	<b>11,718</b>		
35	Firm Transmission Rights	Montana Intertie Agreement		1,930	
36	Hourly rate (mills/kWh)	Line 34 / line 35 / (8.76) x (7/5) x (24/16)			<b>1.46</b>

**Table 9  
Calculation of Utility Delivery Rate**

	(A)	(B)	(C)	(D)	(E)	(F)
<b>FY 2018/2019</b>		<b>Units</b>	<b>Source</b>	<b>Costs</b>	<b>Sales</b>	<b>Rates</b>
<b>Utility Delivery Charge (Full Recovery)</b>						
1	Annual Costs	\$000/Yr	Table 3, line 33 (F)	<b>2,441</b>		
2	FY18 Billing Factor	m_cp	Sales Forecast		163.54	
3	FY19 Billing Factor	m_cp	Sales Forecast		164.32	
4	Average over Rate Period	m_cp	(Line 2 + line 3) / 2		<u><b>163.93</b></u>	
5	Annual Rate	\$/kW-yr	Line 1 / line 4			14.89
6	Monthly Rate	\$/kW-mo	Line 5 / 12			<b>1.241</b>



**Table 10.1**  
**Calculation of Ancillary Service Rates**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
FY 2018/2019	Source	FY18	FY19	FY18/19	Sales	Percentage	Rates	Units
		\$000/Yr	\$000/Yr	\$000/Yr	(MW)			
1	<b>Scheduling, System Control &amp; Dispatch</b>							
2	Direct O&M	Rev Rqmt	76,075	77,434	76,754			
3	Overheads	Rev Rqmt	62,108	62,090	62,099			
4	Total O&M		138,183	139,524	138,853			
5	Depreciation	Rev Rqmt	28,586	29,951	29,268			
6	Financing costs	Rev Rqmt	4,575	5,558	5,067			
7	Planned net revenue	Rev Rqmt	997	931	964			
8	Total segmented SCD		172,342	175,964	<b>174,153</b>			
9	Revenue Credits	Table 3, lines 3 (H) & 14 (H)	-3,142	-3,142	-3,142			
10	WECC Costs	Table 3, lines 4 (H) & 15 (H)	-2,326	-2,363	-2,345			
11	Peak Costs	Table 3, lines 5 (H) & 16 (H)	-2,697	-2,741	-2,719			
12	Eastern Intertie Adjustment	Table 3, lines 9 (H) & 20 (H)	-35	-38	-36			
13	Industry Delivery Adjustment	Table 3, lines 10 (H) & 21 (H)	-6	-6	-6			
14	Subtotal SCD Costs	Sum of lines 8 through 13	164,136	167,673	<b>165,904</b>			
15	FPT revenue for SCD	Table 6, line 40 (D)			3,001			
16	Net SCD Costs	Line 14 - line 15			<b>162,904</b>			
17	<b>Sales Used for Cost Allocation</b>							
18	IR contract demand	Table 4, line 43 (O)			122			
19	PTP contract demand w/o SDD	Table 4, line 45 (O)			27,457			
20	Network Load Service	Table 4, line 52 (O)			7,506			
21	Southern Intertie	Table 4, line 66 (O)			6,042			
22	Montana Intertie	Table 4, line 72 (O)			16			
23	Network Short-term	Table 7, line 22 & line 23 & line 24			1,490			
24	Intertie Daily (Blocks 1 & 2)	Table 8, line 10 & line 11			14			
25	Intertie Hourly	Table 8, line 7 * 7/5 * 24/16			84			
26	Total Sales, SCD	Sum of lines 18 through 25			<b>42,731</b>			
27	<b>Sales allocation percentages:</b>							
28	IR sales	Line 18			122			
29	Total cost allocation sales	Line 26			42,731			
30	IR percentage	Line 28 / line 29				<b>0.29%</b>		
31	PTP (Network + Interties) sales	Sum of lines 19, 21, 22, 23, 24 and 25			35,103			
32	Total cost allocation sales	Line 26			42,731			
33	PTP percentage	Line 31 / line 32				<b>82.15%</b>		
34	NT sales	Line 20			7,506			
35	Total cost allocation sales	Line 26			42,731			
36	NT percentage	Line 34 / line 35				<b>17.57%</b>		

**Table 10.1**  
**Calculation of Ancillary Service Rates**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	FY 2018/2019	Source	FY18	FY19	FY18/19	Sales	Percentage	Rates	Units
37	<b>Application of Revenue Requirements to Sales Products:</b>								
38	IR rate calculation:								
39	Net SCD Costs	Line 16			162,904				
40	IR cost allocation percentage	Line 30					0.29%		
41	Allocated IR costs	Line 39 x line 40			<b>465</b>				
42	IR Billing factor	Line 28				122			
43	IR annual rate (\$/kW-year)	Line 41 / line 42						<b>3.81</b>	
44	IR monthly rate (\$/kW-month)	Line 43 / 12						<b>0.318</b>	
45	PTP (Network + Interties) rate calculation:								
46	Net SCD Costs	Line 16			162,904				
47	PTP cost allocation percentage	Line 33					82.15%		
48	Allocated PTP costs	Line 46 x line 47			<b>133,823</b>				
49	PTP Billing factor	Line 31				35,103			
50	PTP annual rate (\$/kW-year)	Line 48 / line 49						<b>3.81</b>	
51	PTP monthly rate (\$/kW-month)	Line 50 / 12						<b>0.318</b>	
52	Daily block 1	Line 50 / (365) x (7/5)						<b>0.015</b>	
53	Daily block 2	Line 50 / (365)						<b>0.010</b>	
54	Hourly	Line 50 / (8.76) x (7/5) x (24/16)						<b>0.91</b>	
55	NT rate calculation:								
56	Net SCD Costs	Line 16			162,904				
57	NT cost allocation percentage	Line 36					17.57%		
58	Allocated NT costs	Line 56 x line 57			<b>28,616</b>				
59	NT Billing factor	Line 20				6,478			
60	NT annual rate (\$/kW-year)	Line 58 / line 59						<b>4.42</b>	
61	NT monthly rate (\$/kW-month)	Line 60 / 12						<b>0.368</b>	
62	<b>Rates</b>								
63	For NT customers:								
64	Monthly	Line 61						<b>0.368</b>	\$/kW-mo
65	For PTP customers								
66	Annual	Line 50						<b>3.81</b>	\$/kW-yr
67	Monthly	Line 51						<b>0.318</b>	\$/kW-mo
68	Daily Block1 (day 1 through 5)	Line 52						<b>0.015</b>	\$/kW-day
69	Daily Block2 (day 6 and beyond)	Line 53						<b>0.010</b>	\$/kW-day
70	Hourly	Line 54						<b>0.91</b>	mills/kWh
71	<b>Generation Supplied Reactive</b>	No Rqmt	0	0	0			<b>0</b>	\$/kW-day

/1 See Generation Inputs Study for details about rates associated with Generation Inputs

**Table 10.2**  
**Calculation of WECC/Peak Charge**

	(A)	(B)	(C)	(D)	(E)	(F)
	<b>FY 2018/2019</b>	<b>Units</b>	<b>Source</b>	<b>Costs</b>	<b>Sales</b>	<b>Rates</b>
<b>WECC Charge</b>						
1	Annual Costs	\$000/Yr	Table 3, line 26 (H)	2,345		
2	FY18 Billing Factor	MWh	Sales Forecast		50,368,722	
3	FY19 Billing Factor	MWh	Sales Forecast		50,764,639	
4	Average over Rate Period	MWh	(Line 2 + line 3) / 2		<b>50,566,681</b>	
5	Hourly Rate	Mills per kilowatthour	Line 1 / line 4			<b>0.05</b>
6	<b>Peak Charge</b>					
7	Annual Costs	\$000/Yr	Forecast	2,719		
8	FY18 Billing Factor	MWh	Sales Forecast		50,368,722	
9	FY19 Billing Factor	MWh	Sales Forecast		50,764,639	
10	Average over Rate Period	MWh	(Line 8 + line 9) / 2		<b>50,566,681</b>	
11	Hourly Rate	Mills per kilowatthour	Line 7 / line 10			<b>0.05</b>

**Table 10.3**  
**Summary of Current and Proposed Generation Inputs Rates**

	(A)	(B)	(C)	(D)	(E)
	Rate	Units	FY 2016-2017 Rates	FY 2018-2019 Rates	Percent Change
1	<b>RFR-18</b>				
2	Regulation and Frequency Response	mills/kWh	0.12	0.13	8.3%
3	<b>VERBS-18</b>				
4	Rate For Wind Committed to 30/60 Scheduling:				
5	Regulation	\$/kW-mo	0.08		
6	Following	\$/kW-mo	0.32		
7	Imbalance	\$/kW-mo	0.80		
8	<b>Total VERBS 30/60</b>	\$/kW-mo	1.20	1.01	-15.8%
9	Rate For Wind Committed to 40/15 Scheduling:				
10	Regulation	\$/kW-mo	0.08		
11	Following	\$/kW-mo	0.32		
12	Imbalance	\$/kW-mo	0.54		
13	<b>Total VERBS 40/15</b>	\$/kW-mo	0.94	N/A	
14	Rate For Wind Committed to 30/30 Scheduling:				
15	Regulation	\$/kW-mo	0.08		
16	Following	\$/kW-mo	0.32		
17	Imbalance	\$/kW-mo	0.47		
18	<b>Total VERBS 30/30</b>	\$/kW-mo	0.87	N/A	
19	Rate For Wind Committed to 30/15 Scheduling:				
20	Regulation	\$/kW-mo	0.08		
21	Following	\$/kW-mo	0.32		
22	Imbalance	\$/kW-mo	0.33		
23	<b>Total VERBS 30/15</b>	\$/kW-mo	0.73	0.71	-2.7%
24	Rate For Wind Committed to Self-Supply (CSGI):				
25	<b>Total VERBS CSGI</b>	\$/kW-mo	0.40	0.49	22.5%
26	Rate For Wind With Uncommitted Scheduling:				
27	Regulation	\$/kW-mo	0.08		
28	Following	\$/kW-mo	0.32		
29	Imbalance	\$/kW-mo	1.08		
30	<b>Total VERBS Uncommitted</b>	\$/kW-mo	1.48	1.22	-17.6%
31	Rate For Solar:				
32	Regulation	\$/kW-mo	0.04		
33	Following	\$/kW-mo	0.17		
34	Imbalance	\$/kW-mo	0.00		
35	<b>Total VERBS Solar Hourly</b>	\$/kW-mo	0.21	0.28	33.3%
36	<b>Total VERBS Solar 15-minute</b>	\$/kW-mo		0.21	
37	<b>DERBS-18</b>				
38	Hourly rate <i>inc</i>	mills/kW-mo	18.15	20.42	12.5%
39	Hourly rate <i>dec</i>	mills/kW-mo	3.94	3.43	-12.9%
40	<b>OR-18</b>				
41	Spinning reserves	mills/kWh	11.40	11.82	3.7%
42	Default rate	mills/kWh	13.11	13.59	3.7%
43	Supplemental reserves	mills/kWh	10.45	9.76	-6.6%
44	Default rate	mills/kWh	12.02	11.22	-6.7%

**Table 11**  
**Summary of FY 2016-2017 and FY 2018-2019 Rates**

	(A)	(B)	(C)	(D)	(E)	(F)
	Rate	Units	Source for FY 2014-2015 rates	FY 2016-2017 Rates	FY 2018-2019 Rates	Percent Change
1	<b>FPT.1-18</b>					
2	M-G Distance	\$/kW-mi-yr	Current Rate * Table 6, line 11	0.0700	0.0705	0.7%
3	M-G Miscellaneous Facilities	\$/kW-yr	Current Rate * Table 6, line 11	3.99	4.02	0.8%
4	M-G Terminal	\$/kW-yr	Current Rate * Table 6, line 11	0.81	0.82	1.2%
5	M-G Interconnection Terminal	\$/kW-yr	Current Rate * Table 6, line 11	0.73	0.73	0.0%
6	S-S Transformation	\$/kW-yr	Current Rate * Table 6, line 11	7.53	7.58	0.7%
7	S-S Interconnection Terminal	\$/kW-yr	Current Rate * Table 6, line 11	2.06	2.07	0.5%
8	S-S Intermediate Terminal	\$/kW-yr	Current Rate * Table 6, line 11	2.91	2.93	0.7%
9	S-S Distance	\$/kW-mi-yr	Current Rate * Table 6, line 11	0.6884	0.6930	0.7%
10	Average FPT Rate (Revenue/Sales)	\$/kW-mo	Table 6, line 12	1.634	1.645	0.7%
11	<b>FPT.3-18</b>					
12	M-G Distance	\$/kW-mi-yr	Current Rate	0.0700	0.0700	0.0%
13	M-G Miscellaneous Facilities	\$/kW-yr	Current Rate	3.99	3.99	0.0%
14	M-G Terminal	\$/kW-yr	Current Rate	0.81	0.81	0.0%
15	M-G Interconnection Terminal	\$/kW-yr	Current Rate	0.73	0.73	0.0%
16	S-S Transformation	\$/kW-yr	Current Rate	7.53	7.53	0.0%
17	S-S Interconnection Terminal	\$/kW-yr	Current Rate	2.06	2.06	0.0%
18	S-S Intermediate Terminal	\$/kW-yr	Current Rate	2.91	2.91	0.0%
19	S-S Distance	\$/kW-mi-yr	Current Rate	0.6884	0.6884	0.0%
20	Average FPT Rate (Revenue/Sales)	\$/kW-mo	Current Rate	1.634	1.634	0.0%
21	<b>IR-18</b>					
22	Demand	\$/kW-mo	Table 7, line 1 + Table 10, lines 67 & 71	1.790	1.802	0.7%
23	<b>NT-18</b>					
24	Demand	\$/kW-mo	Table 7, line 63	1.735	1.726	-0.5%
25	<b>PTP-18</b>					
26	Demand	\$/kW-mo	Table 7, line 50	1.489	1.484	-0.3%
27	Daily Block 1 (day 1 thru 5)	\$/kW-day	Table 7, line 51	0.068	0.068	0.0%
28	Daily Block 2 (day 6 and beyond)	\$/kW-day	Table 7, line 52	0.049	0.049	0.0%
29	Hourly	mills/kWh	Table 7, line 53	4.28	4.27	-0.2%

**Table 11**  
**Summary of FY 2016-2017 and FY 2018-2019 Rates**

(A)	(B)	(C)	(D)	(E)	(F)	
Rate	Units	Source for FY 2014-2015 rates	FY 2016- 2017 Rates	FY 2018- 2019 Rates	Percent Change	
30	<b>IS-18</b>					
31	Demand	\$/kW-mo	Table 8, line 16	1.230	1.248	1.5%
32	Daily Block 1 (day 1 thru 5)	\$/kW-day	Table 8, line 17	0.057	0.057	0.0%
33	Daily Block 2 (day 6 and beyond)	\$/kW-day	Table 8, line 18	0.040	0.041	2.5%
34	Hourly	mills/kWh	Table 8, line 19	3.53	11.49	225.5%
35	<b>IM-18</b>					
36	Demand	\$/kW-mo	Table 8, line 28	0.598	0.598	0.0%
37	Daily Block 1 (day 1 thru 5)	\$/kW-day	Table 8, line 29	0.028	0.028	0.0%
38	Daily Block 2 (day 6 and beyond)	\$/kW-day	Table 8, line 30	0.020	0.020	0.0%
39	Hourly	mills/kWh	Table 8, line 31	1.72	1.72	0.0%
40	<b>IE-18</b>					
41	Eastern Intertie	mills/kWh	Table 8, line 36	1.48	1.46	-1.4%
42	<b>UD-18</b>					
43	Demand	\$/kW-mo	Table 9, line 6	1.285	1.241	-3.4%
44	<b>Power Factor Penalty Charge</b>					
45	Demand -- Lagging	\$/kVAr-mo	Rate eliminated	0.00	0.00	0.0%
46	Demand -- Leading	\$/kVAr-mo	Rate eliminated	0.00	0.00	0.0%
47	<b>WECC Charge - 16</b>					
48	Demand	mills/kWh	Table 10.2, line 5	0.05	0.05	0.0%
49	<b>Peak Charge - 16</b>					
50	Demand	mills/kWh	Table 10.2, line 11	0.05	0.05	0.0%
51	<b>SCD-18</b>					
52	For NT customers	\$/kW-mo	Table 10, line 67	0.350	0.368	5.1%
53	For PTP customers:					
54	Demand	\$/kW-mo	Table 10, line 67	0.301	0.318	5.6%
55	Daily Block 1 (day 1 thru 5)	\$/kW-day	Table 10, line 68	0.014	0.015	7.1%
56	Daily Block 2 (day 6 and beyond)	\$/kW-day	Table 10, line 69	0.010	0.010	0.0%
57	Hourly	mills/kWh	Table 10, line 70	0.87	0.91	4.6%
58	<b>GSR-18</b>					
59	Demand	\$/kW-mo	Table 10.1, line 71	0.000	0.000	0.0%
60	Daily Block 1 (day 1 thru 5)	\$/kW-day	Table 10.1, line 71	0.000	0.000	0.0%
61	Daily Block 2 (day 6 and beyond)	\$/kW-day	Table 10.1, line 71	0.000	0.000	0.0%
62	Hourly	mills/kWh	Table 10.1, line 71	0.00	0.00	0.0%

**Table 12**  
**Revenue at FY 2016-2017 and FY 2018-2019 Rates**

(A) Service	(B) Current FY 2016-2017 Rates		(C) Average FYs 18&19	(E) Proposed FY 2018-2019 Rates		(F) Average FYs 18&19	(H) Percent Change
	FY 2018	FY 2019		FY 2018	FY 2019		
1 <b>Network Sales Revenues</b>							
2 FPT 1	16,560	16,176	16,368	16,823	16,083	16,453	0.5%
3 FPT 3	626	480	553	632	474	553	0.0%
4 IR	5,238	-	2,619	5,273	-	2,636	0.7%
5 BP-18 Transmission Ratio from table 6	82.4%						
6 BP-16 Transmission Ratio from table 6	83.2%						
7 FPT 1&3 Transmission Portion	14,296	13,855	14,075	14,380	13,639	14,010	-0.5%
8 IR Transmission Portion	4,357	-	2,178	4,342	-	2,171	-0.3%
9 NT_Base	131,790	133,004	132,397	131,106	132,314	131,710	-0.5%
10 NT Ancillary Revenues	27,086	27,331	27,209	28,479	28,737	28,608	5.1%
11 Subtotal NT Sale Revenues	<b>158,876</b>	<b>160,335</b>	<b>159,606</b>	<b>159,586</b>	<b>161,051</b>	<b>160,318</b>	0.4%
12 PTP, Long-term	473,228	486,328	479,778	471,639	484,695	478,167	-0.3%
13 PTP LT Ancillary Revenues	97,845	100,503	99,174	103,372	106,179	104,775	5.6%
14 PTP, Short-term	26,943	26,239	26,591	26,917	26,214	26,565	-0.1%
15 PTP ST Ancillary Revenues	5,500	5,356	5,428	5,691	5,541	5,616	3.5%
16 Subtotal PTP Sale Revenues	<b>603,517</b>	<b>618,427</b>	<b>610,972</b>	<b>607,619</b>	<b>622,629</b>	<b>615,124</b>	0.7%
17 Subtotal Network Transmission Revenues	650,614	659,426	655,020	648,385	656,862	652,623	-0.4%
18 Percent of total			82.9%			82.1%	
19 Subtotal Network Ancillary Revenues	134,202	135,991	135,097	141,548	143,375	142,461	5.5%
20 Percent of total			17.1%			17.9%	
21 <b>Total Network Sale Revenues</b>	<b>784,817</b>	<b>795,417</b>	<b>790,117</b>	<b>789,932</b>	<b>800,237</b>	<b>795,085</b>	0.6%
22 <b>Intertie Sale Revenues</b>							
23 IM, Long-term	115	115	115	115	115	115	0.0%
24 IM LT Ancillary Revenues	58	58	58	61	61	61	5.6%
25 IS, Long-term	89,180	89,180	89,180	90,485	90,485	90,485	1.5%
26 IS LT Ancillary Revenues	21,824	21,824	21,824	23,056	23,056	23,056	5.6%
27 IS, Short-term	1,441	1,425	1,433	4,241	4,188	4,214	194.0%
28 IS ST Ancillary Revenues	355	352	354	371	367	369	4.5%
29 Subtotal IS Sale Revenues	<b>112,801</b>	<b>112,781</b>	<b>112,791</b>	<b>118,153</b>	<b>118,097</b>	<b>118,125</b>	4.7%
30 Subtotal Intertie Transmission Revenues	90,736	90,720	90,728	94,840	94,788	94,814	4.5%
31 Subtotal Intertie Ancillary Revenues	22,237	22,233	22,235	23,489	23,485	23,487	5.6%
32 <b>Total Intertie Sale Revenues</b>	<b>112,973</b>	<b>112,953</b>	<b>112,963</b>	<b>118,329</b>	<b>118,273</b>	<b>118,301</b>	4.7%

**Table 12**  
**Revenue at FY 2016-2017 and FY 2018-2019 Rates**

(A) Service	(B) Current FY 2016-2017 Rates		(C) Average FYs 18&19	(E) Proposed FY 2018-2019 Rates		(F) Average FYs 18&19	(H) Percent Change
	FY 2018	FY 2019		FY 2018	FY 2019		
33 <b>Ancillary Revenues</b>							
34 Long-term Scheduling, Control and Dispatch	119,727	122,384	121,056	126,489	129,296	127,893	5.6%
35 Short-term Scheduling, Control and Dispatch	5,855	5,708	5,781	6,062	5,909	5,986	3.5%
36 NT Scheduling, Control and Dispatch	27,086	27,331	27,209	28,479	28,737	28,608	5.1%
37 Subtotal SCD Rate	<b>152,669</b>	<b>155,423</b>	<b>154,046</b>	<b>161,031</b>	<b>163,942</b>	<b>162,486</b>	5.5%
38 FPT & IR SCD	3,771	2,801	3,286	4,011	2,922	3,466	5.5%
39 Total SCD Revenue	<b>156,439</b>	<b>158,224</b>	<b>157,332</b>	<b>165,042</b>	<b>166,864</b>	<b>165,953</b>	5.5%
40 Regulation and Frequency Response	6,071	6,071	6,071	6,577	6,577	6,577	8.3%
41 <b>Balancing Reseves (VERBS Wind, VERBS Solar, DERBS)</b>	<b>35,264</b>	<b>35,264</b>	<b>35,264</b>	<b>31,157</b>	<b>31,157</b>	<b>31,157</b>	<b>-11.6%</b>
42 VERBS (Wind -- 30/60 Scheduling)	2,546	2,546	2,546	2,143	2,143	2,143	-15.8%
43 VERBS (Wind -- 30/15 Scheduling)	7,988	7,988	7,988	7,769	7,769	7,769	-2.7%
44 VERBS (Wind -- Uncommitted Scheduling)	22,449	22,449	22,449	18,687	18,687	18,687	-16.8%
45 VERBS (Wind -- CSGI)	556	556	556	681	681	681	22.5%
46 VERBS (Solar)	73	73	73	97	97	97	33.3%
47 DERBS (Inc)	1,338	1,338	1,338	1,505	1,505	1,505	12.5%
48 DERBS (Dec)	314	314	314	273	273	273	-12.9%
49 Operating Reserves - Spinning	22,948	22,948	22,948	23,794	23,794	23,794	3.7%
50 Operating Reserves - Supplemental	21,036	21,036	21,036	19,647	19,647	19,647	-6.6%
51 Energy Imbalance	-	-	-	-	-	-	N/A
52 Generation Imbalance	-	-	-	-	-	-	N/A
53 <b>Total Ancillary Revenues</b>	<b>241,758</b>	<b>243,543</b>	<b>242,650</b>	<b>246,215</b>	<b>248,038</b>	<b>247,127</b>	1.8%
54 Subtotal less SCD	85,319	85,319	85,319	81,174	81,174	81,174	-4.9%
55 <b>Delivery</b>							
56 Utility Delivery	2,522	2,534	2,528	2,435	2,447	2,441	-3.4%
57 <b>WECC</b>							
58 WECC Rate	2,345	2,345	2,345	2,518	2,538	2,528	7.8%
59 <b>Peak</b>							
60 Peak Rate	2,719	2,719	2,719	2,518	2,538	2,528	-7.0%
61 <b>General Transmission Rates Subtotal</b>	<b>990,694</b>	<b>1,001,287</b>	<b>995,990</b>	<b>996,908</b>	<b>1,007,207</b>	<b>1,002,057</b>	0.6%
62 <b>Subtotal less Generation Input Ancillaries</b>	<b>905,376</b>	<b>915,968</b>	<b>910,672</b>	<b>915,734</b>	<b>926,033</b>	<b>920,883</b>	<b>1.1%</b>



**Table 12**  
**Revenue at FY 2016-2017 and FY 2018-2019 Rates**

(A) Service	(B) Current FY 2016-2017 Rates		(C) Average FYs 18&19	(E) Proposed FY 2018-2019 Rates		(F) Average FYs 18&19	(H) Percent Change
	FY 2018	FY 2019		FY 2018	FY 2019		
63 <b>Other Revenues</b>							
64 IS Reservation Fee	-	-	-	-	-	-	
65 UFT Fixed Dollar Amount	4,774	4,774	4,774	4,774	4,774	4,774	0.0%
66 UFT Variable Service Amt	288	288	288	288	288	288	0.0%
67 TGT Firm Demand	12,421	12,421	12,421	12,421	12,421	12,421	0.0%
68 O&M Non-Federal Facility	539	539	539	539	539	539	0.0%
69 O&M Federal Facility	331	331	331	331	331	331	0.0%
70 PTP Reservation Fee	893	670	782	893	670	782	0.0%
71 CF Reservation Fee	-	-	-	-	-	-	
72 Failure to Comply Penalty	-	-	-	-	-	-	
73 SINT AC Non Federal O&M	1,775	1,775	1,775	1,775	1,775	1,775	0.0%
74 SINT AC Non Fed Replacements	-	-	-	-	-	-	N/A
75 Power Factor Penalty Lagging	-	-	-	-	-	-	N/A
76 Power Factor Penalty Leading	-	-	-	-	-	-	N/A
77 PFP Lagging Ratchet	-	-	-	-	-	-	N/A
78 PFP Leading Ratchet	-	-	-	-	-	-	N/A
79 DSI Delivery Charge	1,915	1,915	1,915	1,915	1,915	1,915	0.0%
80 PCS Wireless Leases	5,201	5,201	5,201	5,201	5,201	5,201	0.0%
81 PCS Construction	3,720	3,720	3,720	3,720	3,720	3,720	0.0%
82 PCS Operations & Maintenance	312	312	312	312	312	312	0.0%
83 Fiber Leases	8,429	8,429	8,429	8,429	8,429	8,429	0.0%
84 Fiber Operations & Maintenance	907	907	907	907	907	907	0.0%
85 Land Use/Lease/Sale	216	216	216	216	216	216	0.0%
86 Misc Leases	105	105	105	105	105	105	0.0%
87 Right-Of-Way Lease	79	79	79	79	79	79	0.0%
88 COE/BOR Project Revenue	-	-	-	-	-	-	N/A
89 3rd AC RAS Generation Dropping	27	27	27	27	27	27	0.0%
90 AC RAS Load Tripping	-	-	-	-	-	-	0.0%
91 Transmission Share of IPP	246	246	246	246	246	246	0.0%
92 Use of Communication Equipmt	149	149	149	149	149	149	0.0%
93 FPS Real Power Losses	-	-	-	-	-	-	
94 Amort NonFed PNW AC Intertie	3,378	3,378	3,378	3,378	3,378	3,378	0.0%
95 Transmission Processing Fee	43	43	43	43	43	43	0.0%
96 Generation Integration BBL	12,010	12,043	12,026	12,010	12,043	12,026	0.0%
97 <b>Other Revenues Subtotal</b>	<b>57,757</b>	<b>57,566</b>	<b>57,662</b>	<b>57,757</b>	<b>57,566</b>	<b>57,662</b>	<b>0.0%</b>
98 <b>Total Revenue</b>	<b>1,048,451</b>	<b>1,058,853</b>	<b>1,053,652</b>	<b>1,054,664</b>	<b>1,064,773</b>	<b>1,059,719</b>	<b>0.6%</b>

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
4	IR Contract	Puget	10325	14-03-45241	1801608	IR	LEGACY	266	266	266	266	266	266	266	266	266	266	266	266
5																			
6		<b>Puget Total</b>						<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>
7																			
8	<b>IR Contract Total</b>							<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>
9																			
10	FPT One-Year	Avista	10016	DE-MS79-85BP92186	453495	WNP-3 Settlement Tx Charge	LEGACY	32	32	32	32	32	32	32	32	32	32	32	32
11																			
12		<b>Avista Total</b>						<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>
13																			
14		PAC	10300	DE-MS79-94BP94280	422032	FPT 1Yr Long Term Firm	LEGACY	200	200	200	200	200	200	200	200	200	200	200	200
15				DE-MS79-94BP94333	1801200	FPT 1Yr Long Term Firm	LEGACY	35	35	35	35	35	35	35	35	35	35	35	35
16					1801201	FPT 1Yr Long Term Firm	LEGACY	40	40	40	40	40	40	40	40	40	40	40	40
17					1801202	FPT 1Yr Long Term Firm	LEGACY	84	84	84	84	84	84	84	84	84	84	84	84
18					1801203	FPT 1Yr Long Term Firm	LEGACY	241	241	241	241	241	241	241	241	241	241	241	241
19					1801397	FPT 1Yr Long Term Firm	LEGACY	55	55	55	55	55	55	55	55	55	55	55	55
20					1801398	FPT 1Yr Long Term Firm	LEGACY	145	145	145	145	145	145	145	145	145	145	145	145
21		<b>PAC Total</b>						<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>
22																			
23		PRC	10317	DE-MS79-95BP94151	422176	FPT 1Yr Long Term Firm	LEGACY	50	50	50	50	50	50	50	50	50	50	50	50
24		<b>PRC Total</b>						<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
25																			
26		Puget	10325	DE-MS79-85BP92185	422177	WNP-3 Settlement Tx Charge	LEGACY	32	32	32	32	32	32	32	32	32	0	0	0
27		<b>Puget Total</b>						<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>
28																			
29	<b>FPT One-Year Total</b>							<b>914</b>	<b>914</b>	<b>914</b>	<b>914</b>	<b>914</b>	<b>914</b>	<b>914</b>	<b>914</b>	<b>914</b>	<b>882</b>	<b>882</b>	<b>882</b>
30																			
31	FPT Three-Year	Douglas	10135	DE-MS79-80BP90066	(blank)	FPT 1Yr Long Term Firm	LEGACY	2	2	2	2	2	2	2	2	2	2	2	2
32		<b>Douglas Total</b>						<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
33																			
34		PAC	10300	14-03-14612	1801204/5	FPT 3Yr Long Term Firm	LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
35							LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
36		<b>PAC Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
37																			
38	<b>FPT Three-Year Total</b>							<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
39																			
40	MONTANA INTERTIE	PAC	10300	04TX-11722	76116412	IM CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6
41					77400411	IM CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10
42						IM SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
43		<b>PAC Total</b>						<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
44																			
45	<b>MONTANA INTERTIE Total</b>							<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
46																			
47	SOUTHERN INTERTIE	Avangrid	10302	00TX-10367	1466882	IS CONFIRMED	ORIGINAL	15	15	15	0	0	0	0	0	0	0	0	0
48						IS SPECULATION	RENEWAL	0	0	0	15	15	15	15	15	15	15	15	15
49					71678981	IS CONFIRMED	ORIGINAL	280	280	280	280	280	280	280	280	280	280	280	280
50					72154100	IS CONFIRMED	ORIGINAL	35	35	35	0	0	0	0	0	0	0	0	0
51						IS SPECULATION	RENEWAL	0	0	0	35	35	35	35	35	35	35	35	35
52					72511486	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
53																			

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
73																				
74						IS SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
75																				
76					72511519	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
77																				
78						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
79																				
80					72511528	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
81																				
82						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
83																				
84					73167623	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	50	50	50	50	50	50	50
85																				
86					73167628	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	50	50	50	50	50	50	50
87																				
88					73167629	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	50	50	50	50	50	50	50
89																				
90					73264915	IS CONFIRMED	ORIGINAL	15	15	15	15	15	15	0	0	0	0	0	0	0
91																				
92					73598438	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	50	50	50	50	50	50	50
93																				
94					75608020	IS SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
95																				
96					76303714	IS CONFIRMED	RENEWAL	180	180	180	0	0	0	0	0	0	0	0	0	0
97																				
98						IS SPECULATION	RENEWAL	0	0	0	180	180	180	180	180	180	180	180	180	180
99																				
100					76303727	IS CONFIRMED	RENEWAL	75	75	75	0	0	0	0	0	0	0	0	0	0
101																				
102						IS SPECULATION	RENEWAL	0	0	0	75	75	75	75	75	75	75	75	75	75
103																				
104					76303731	IS CONFIRMED	RENEWAL	8	8	8	0	0	0	0	0	0	0	0	0	0
105																				
106						IS SPECULATION	RENEWAL	0	0	0	8	8	8	8	8	8	8	8	8	8
107																				
108					76303736	IS CONFIRMED	RENEWAL	47	47	47	0	0	0	0	0	0	0	0	0	0
109																				
110						IS SPECULATION	RENEWAL	0	0	0	47	47	47	47	47	47	47	47	47	47
111																				
112					76659161	IS CONFIRMED	RENEWAL	95	95	95	95	95	95	95	0	0	0	0	0	0
113																				
114						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	95	95	95	95	95	95
115																				
116					77719214	IS CONFIRMED	RENEWAL	42	42	42	42	42	42	42	42	42	42	42	42	42
117																				
118						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
119																				
120					78154124	IS CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30	30
121																				
122						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
123																				
124					81188001	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
125																				
126						<b>Avangrid Total</b>		<b>1025</b>	<b>1025</b>	<b>1025</b>	<b>1025</b>	<b>1025</b>	<b>1025</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>
127																				
128					BPA Power	10033	14TX-95363	321873	IS CONFIRMED	ORIGINAL	700	700	700	700	700	0	0	0	0	0
129																				
130						IS SPECULATION	RENEWAL	0	0	0	0	0	0	700	700	700	700	700	700	700
131																				
132					321874	IS CONFIRMED	ORIGINAL	300	300	300	300	300	300	0	0	0	0	0	0	0
133																				
134					73834974	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	15	15	15	15	15	15	15
135																				
136						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
137																				

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
138					73887789	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	30	30	30	30	30	30
139						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
140																			
141																			
142					80522943	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	50	50	50	50	50	50
143																			
144								0	0	0	50	50	50	0	0	0	0	0	0
145																			
146						IS SPECULATION	ORIGINAL	0	0	0	120	120	120	120	120	120	120	120	120
147																			
148							RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
149																			
150								0	0	0	0	0	0	0	0	0	0	0	0
151																			
152						<b>BPA Power Total</b>		<b>1000</b>	<b>1000</b>	<b>1000</b>	<b>1170</b>	<b>1170</b>	<b>1170</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>
153																			
154		Exelon Generation	10849	02TX-11265	78221134	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30
155																			
156						78225336	IS CONFIRMED	30	30	30	30	30	30	30	30	30	30	30	30
157																			
158						78225361	IS CONFIRMED	30	30	30	30	30	30	30	30	30	30	30	30
159																			
160						78225363	IS CONFIRMED	30	30	30	30	30	30	30	30	30	30	30	30
161																			
162						<b>Exelon Generation Total</b>		<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
163																			
164		Hermiston Power	10199	98TX-10154	449487	IS CONFIRMED	ORIGINAL	33	33	33	33	33	33	33	33	33	33	33	33
165																			
166						449491	IS CONFIRMED	100	100	100	100	100	100	100	100	100	100	100	100
167																			
168						449493	IS CONFIRMED	100	100	100	100	100	100	100	100	100	100	100	100
169																			
170						1800038	IS CONFIRMED	228	228	228	228	228	228	228	228	228	228	228	228
171																			
172						1801359	IS CONFIRMED	75	75	75	75	75	75	75	75	75	75	75	75
173																			
174						<b>Hermiston Power Total</b>		<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>
175																			
176		Morgan Stanley	10264	97TX-10031	1470382	IS CONFIRMED	ORIGINAL	50	50	50	0	0	0	0	0	0	0	0	0
177																			
178						1470384	IS CONFIRMED	50	50	50	0	0	0	0	0	0	0	0	0
179																			
180						1470386	IS CONFIRMED	50	50	50	0	0	0	0	0	0	0	0	0
181																			
182						1470388	IS CONFIRMED	50	50	50	0	0	0	0	0	0	0	0	0
183																			
184						1470598	IS CONFIRMED	15	15	15	0	0	0	0	0	0	0	0	0
185																			
186						1470752	IS CONFIRMED	50	50	50	50	50	50	50	50	50	50	50	50
187																			
188						1470754	IS CONFIRMED	15	15	15	15	15	15	15	15	15	15	15	15
189																			
190						72398097	IS CONFIRMED	0	0	0	0	0	0	85	85	85	85	85	85
191																			
192						75533108	IS CONFIRMED	46	46	46	46	46	46	46	46	0	0	0	0
193																			
194						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	46	46	46	46
195																			
196						78454535	IS CONFIRMED	15	15	15	15	15	15	0	0	0	0	0	0
197																			

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
198					78676775	IS CONFIRMED	RENEWAL	39	39	39	39	39	39	39	39	39	39	39	39
199																			
200						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
201																			
202					80235959	IS CONFIRMED	RENEWAL	74	74	74	74	74	74	74	74	74	74	74	74
203																			
204					80235975	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
205																			
206					80571459	IS CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10
207																			
208					80571502	IS CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27
209																			
210					80571523	IS CONFIRMED	RENEWAL	73	73	73	73	73	73	73	73	73	73	73	73
211																			
212					82056189	IS CONFIRMED	RENEWAL	0	0	0	50	50	50	50	50	50	50	50	50
213																			
214					82056214	IS CONFIRMED	RENEWAL	0	0	0	15	15	15	15	15	15	15	15	15
215																			
216					82056220	IS CONFIRMED	RENEWAL	0	0	0	50	50	50	50	50	50	50	50	50
217																			
218					82056237	IS CONFIRMED	RENEWAL	0	0	0	50	50	50	50	50	50	50	50	50
219																			
220					82056253	IS CONFIRMED	RENEWAL	0	0	0	50	50	50	50	50	50	50	50	50
221																			
222		<b>Morgan Stanley Total</b>						<b>664</b>	<b>664</b>	<b>664</b>	<b>664</b>	<b>664</b>	<b>664</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>
223																			
224		PAC	10300	DE-MS79-94BP94280	79356596	IS CONFIRMED	ORIGINAL	200	200	200	200	200	200	200	200	200	200	200	200
225																			
226					DE-MS79-94BP94285	427472	IS CONFIRMED	ORIGINAL	93	93	93	93	93	93	93	93	93	93	93
227																			
228					866020	IS CONFIRMED	ORIGINAL	71	71	71	71	71	71	71	71	71	71	71	71
229																			
230					80879211	IS CONFIRMED	RECALL	-71	-71	-71	-71	-71	-71	-71	-71	-71	-71	-71	-71
231																			
232					80986294	IS CONFIRMED	RECALL	-93	-93	-93	-93	-93	-93	-93	-93	-93	-93	-93	-93
233																			
234		<b>PAC Total</b>						<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>
235																			
236		Powerex	10037	99TX-10251	75322539	IS SPECULATION	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15
237																			
238					77502254	IS CONFIRMED	RENEWAL	357	357	357	357	357	357	357	357	357	357	357	357
239																			
240						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
241																			
242					77543772	IS CONFIRMED	RENEWAL	42	42	42	42	42	42	42	42	42	42	42	42
243																			
244						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
245																			
246					77543773	IS CONFIRMED	RENEWAL	286	286	286	286	286	286	286	286	286	286	286	286
247																			
248						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
249																			
250					77543781	IS CONFIRMED	RENEWAL	650	650	650	650	650	650	650	650	650	650	650	650
251																			
252						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
253																			
254					78710047	IS CONFIRMED	RENEWAL	200	200	200	200	200	200	200	200	200	200	200	200
255																			
256						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
257																			
258					79100585	IS CONFIRMED	RENEWAL	51	51	51	51	51	51	51	51	51	51	51	51
259																			
260					79100588	IS CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	150	150
261																			
262					79461718	IS CONFIRMED	RENEWAL	49	49	49	49	49	49	49	49	49	49	49	49

**Table 13.1  
2017 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
263																			
264					79848644	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
265																			
266					79855282	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
267																			
268					81352448	IS CONFIRMED	RENEWAL	35	35	35	35	35	35	35	35	35	35	35	35
269																			
270								<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>
271																			
272					72429308	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
273																			
274					72513298	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
275																			
276					72513308	IS CONFIRMED	RENEWAL	20	20	20	20	20	20	20	20	20	20	20	20
277																			
278					72513313	IS CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30
279																			
280								<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>
281																			
282					77302316	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
283																			
284						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
285																			
286					78163252	IS CONFIRMED	RENEWAL	42	42	42	42	42	42	42	42	42	42	42	42
287																			
288						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
289																			
290								<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>
291																			
292								<b>5872</b>	<b>5872</b>	<b>5872</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>
293																			
294																			
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**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
325																				
326					77208675	PTP CONFIRMED	RENEWAL	39	39	39	39	39	39	39	39	39	39	39	39	39
327																				
328						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
329																				
330					77208678	PTP CONFIRMED	RENEWAL	12	12	12	12	12	12	12	12	12	12	12	12	12
331																				
332						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
333																				
334					77208698	PTP CONFIRMED	RENEWAL	22	22	22	22	22	22	22	22	22	22	22	22	22
335																				
336						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
337																				
338					77208709	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
339																				
340						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
341																				
342					77208846	PTP CONFIRMED	RENEWAL	26	26	26	26	26	26	26	26	26	26	26	26	26
343																				
344						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
345																				
346					77208855	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
347																				
348						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
349																				
350					77208882	PTP CONFIRMED	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11	11
351																				
352						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
353																				
354					77208899	PTP CONFIRMED	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
355																				
356						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
357																				
358					77208909	PTP CONFIRMED	RENEWAL	31	31	31	31	31	31	31	31	31	31	31	31	31
359																				
360						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
361																				
362					77208934	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
363																				
364						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
365																				
366					77208962	PTP CONFIRMED	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75	75
367																				
368						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
369																				
370					77208965	PTP CONFIRMED	RENEWAL	23	23	23	23	23	23	23	23	23	23	23	23	23
371																				
372						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
373																				
374					77208977	PTP CONFIRMED	RENEWAL	47	47	47	47	47	47	47	47	47	47	47	47	47
375																				
376						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
377																				
378					77208984	PTP CONFIRMED	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15	15
379																				
380						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
381																				
382		Alcoa Total						403	403	403	403	403	403	403	403	403	403	403	403	403
383																				
384		Arlington	11768	07TX-12526	72296939	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
385																				
386		Arlington Total						25	25	25	25	25	25	25	25	25	25	25	25	25

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
387																			
388		Avangrid	10302	00TX-10367	75402686	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25
389																			
390					75648187	PTP CONFIRMED	REDIRECT	50	50	0	0	0	0	0	0	0	0	0	0
391																			
392					75648199	PTP CONFIRMED	REDIRECT	25	25	0	0	0	0	0	0	0	0	0	0
393																			
394						PTP SPECULATION	RENEWAL	0	0	25	25	25	25	25	25	25	25	25	25
395																			
396					75648234	PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25
397																			
398					77079897	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	0
399																			
400						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	100
401																			
402					77079910	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	0
403																			
404						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	50
405																			
406					77410538	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25
407																			
408						PTP SDD CONFIRMED	SDD	25	25	25	25	25	25	25	25	25	25	25	25
409																			
410						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
411																			
412						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0
413																			
414					77410542	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25
415																			
416						PTP SDD CONFIRMED	SDD	25	25	25	25	25	25	25	25	25	25	25	25
417																			
418						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
419																			
420						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0
421																			
422					77410610	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
423																			
424						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
425																			
426					77895741	PTP CONFIRMED	ORIGINAL	21	21	21	21	21	21	21	21	21	21	21	21
427																			
428					78287943	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
429																			
430						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
431																			
432					78577161	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24
433																			
434					79946068	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25
435																			
436					79946083	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25
437																			
438					79946085	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25
439																			
440					80156358	PTP CONFIRMED	RENEWAL	21	21	21	21	21	21	21	21	21	21	21	21
441																			
442					80818877	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20
443																			
444					80818881	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20
445																			
446					80818885	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20





**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
509		Benton PUD	10024	97TX-10041	1800329	PTP CONFIRMED	ORIGINAL	12	12	12	12	12	12	12	12	12	12	12	12
510					1800333	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15
511					1800338	PTP CONFIRMED	ORIGINAL	16	16	16	16	16	16	16	16	16	16	16	16
512					1800343	PTP CONFIRMED	ORIGINAL	16	16	16	16	16	16	16	16	16	16	16	16
513					1800354	PTP CONFIRMED	ORIGINAL	29	29	29	29	29	29	29	29	29	29	29	29
514					1800364	PTP CONFIRMED	ORIGINAL	34	34	34	34	34	34	34	34	34	34	34	34
515					1800366	PTP CONFIRMED	ORIGINAL	35	35	35	35	35	35	35	35	35	35	35	35
516					1800373	PTP CONFIRMED	ORIGINAL	42	42	42	42	42	42	42	42	42	42	42	42
517					1800375	PTP CONFIRMED	ORIGINAL	54	54	54	54	54	54	54	54	54	54	54	54
518					1800377	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64
519					1800379	PTP CONFIRMED	ORIGINAL	102	102	102	102	102	102	102	102	102	102	102	102
520					1801385	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
521					1801465	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
522					71821291	PTP CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6
523					71821795	PTP CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6
524								<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>
525		<b>Benton PUD Total</b>																	
526		BPA Power	10033	14TX-95363	321890	PTP CONFIRMED	ORIGINAL	90	90	90	90	90	90	90	90	90	90	90	90
527					1469289	PTP CONFIRMED	ORIGINAL	300	300	300	300	300	300	300	300	300	300	300	300
528						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
529					1469291	PTP CONFIRMED	ORIGINAL	88	88	88	88	88	88	88	88	88	88	88	88
530						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
531					1470201	PTP CONFIRMED	ORIGINAL	109	109	109	109	109	109	109	109	109	109	109	109
532						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
533					1800097	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
534					1800100	PTP CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10
535					1800103	PTP CONFIRMED	ORIGINAL	11	11	11	11	11	11	11	11	11	11	11	11
536					1800106	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15
537					1800109	PTP CONFIRMED	ORIGINAL	17	17	17	17	17	17	17	17	17	17	17	17
538					1800112	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23
539					1800115	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23
540					1800118	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
571					1800121	PTP CONFIRMED	ORIGINAL	27	27	27	27	27	27	27	27	27	27	27	27
572					1800124	PTP CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30
573					1800127	PTP CONFIRMED	ORIGINAL	48	48	48	48	48	48	48	48	48	48	48	48
574					1800130	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64
575					1800133	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64
576					1800137	PTP CONFIRMED	ORIGINAL	287	287	287	287	287	287	287	287	287	287	287	287
577					77078601	PTP CONFIRMED	RENEWAL	17	17	17	17	17	17	17	17	17	17	17	17
578						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
579					77078633	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
580						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
581					77176374	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
582					77176386	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
583					78395391	PTP CONFIRMED	REDIRECT	184	184	184	184	184	184	184	184	184	0	0	0
584					79471716	PTP CONFIRMED	RENEWAL	53	53	53	53	53	53	53	53	53	53	53	53
585					79497143	PTP CONFIRMED	RENEWAL	116	116	116	116	116	116	116	116	116	116	116	116
586					79647304	PTP CONFIRMED	RENEWAL	297	297	297	297	297	297	297	297	297	297	297	297
587					79879849	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24
588				96MS-96060	Multiple	PTP CONFIRMED	ORIGINAL	665	665	665	665	665	665	665	665	665	665	0	0
589						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	665	665
590						<b>BPA Power Total</b>		<b>2644</b>	<b>2644</b>	<b>2644</b>	<b>2644</b>	<b>2644</b>	<b>2644</b>	<b>2644</b>	<b>2644</b>	<b>2644</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>
591						Chelan	10050	01TX-10714	72041989	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8
592						<b>Chelan Total</b>		<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
593						Clark	10103	02TX-11177	73198880	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0
594									73198888	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0
595									73198892	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0
596									73198896	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0
597									81435045	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25
598						<b>Clark Total</b>		<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
599						Clatskanie	10105	01TX-10649	1321619	PTP CONFIRMED	ORIGINAL	9	9	9	9	9	9	9	9
600									1321623	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5
601									1321630	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5
602									1321632	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5
603																			
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**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
636					1321634	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	
637																				
638					1800705	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4	
639																				
640					1800709	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5	
641																				
642					1800717	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6	
643																				
644					1800721	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6	
645																				
646					1800725	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6	
647																				
648					1800729	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	
649																				
650					1800735	PTP CONFIRMED	ORIGINAL	14	14	14	14	14	14	14	14	14	14	14	14	
651																				
652					1800737	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15	
653																				
654					1800740	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23	
655																				
656					1800741	PTP CONFIRMED	ORIGINAL	36	36	36	36	36	36	36	36	36	36	36	36	
657																				
658					<b>Clatskanie Total</b>			<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	
659																				
660					EDF Renewable	11822	08TX-13169	81775129	PTP SPECULATION	DEFERRAL	0	0	0	0	0	0	0	0	50	50
661																				
662								81775139	PTP CONFIRMED	DEFERRAL	0	0	0	0	0	0	0	0	50	50
663																				
664					<b>EDF Renewable Total</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>100</b>	
665																				
666					Eurus Comb	11021	09TX-14147	73473061	PTP CONFIRMED	REDIRECT	62	62	62	62	62	62	62	62	62	62
667																				
668					<b>Eurus Comb Total</b>			<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	
669																				
670					Finley Bioenergy	11122	07TX-12488	71689868	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4
671																				
672								71915090	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1
673																				
674					<b>Finley Bioenergy Total</b>			<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	
675																				
676					Franklin County	10183	97TX-10043	1466591	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2
677																				
678								1468490	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3
679																				
680								1469388	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4
681																				
682								1471445	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10
683																				
684								1472430	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5
685																				
686																				
687																				
688								1801660	PTP CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8
689																				
690								1801665	PTP CONFIRMED	ORIGINAL	27	27	27	27	27	27	27	27	27	27
691																				
692								1801670	PTP CONFIRMED	ORIGINAL	17	17	17	17	17	17	17	17	17	17
693																				
694								1801675	PTP CONFIRMED	ORIGINAL	42	42	42	42	42	42	42	42	42	42
695																				
696								1801685	PTP CONFIRMED	ORIGINAL	22	22	22	22	22	22	22	22	22	22
697																				
698								1801690	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6
699																				
700								1801695	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
701					1801700	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7
702					1801705	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15
703					1801710	PTP CONFIRMED	ORIGINAL	14	14	14	14	14	14	14	14	14	14	14	14
704					71630464	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4
705																			
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**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
767																				
768					81816284	PTP CONFIRMED	ORIGINAL	53	53	53	53	53	53	53	53	53	53	53	53	53
769																				
770					81816309	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	7
771																				
772				13TX-15768	77443011	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
773																				
774						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
775																				
776					77443034	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
777																				
778						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
779																				
780					77443090	PTP CONFIRMED	ORIGINAL	37	37	37	37	37	37	37	37	37	37	37	37	37
781																				
782						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
783																				
784				96MS-96108	1801396	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
785																				
786					1801478	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
787																				
788					1801489	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
789																				
790						<b>Idaho Power Company Total</b>		<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>
791																				
792		JC-B	13140	13TX-15809	78685544	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
793																				
794					81319697	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
795																				
796						<b>JC-B Total</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
797																				
798		Kaiser Alum WA	12077	11TX-15371	76231445	PTP CONFIRMED	ORIGINAL	5	5	0	0	0	0	0	0	0	0	0	0	0
799																				
800					77478544	PTP CONFIRMED	ORIGINAL	45	45	45	45	45	45	45	45	45	45	45	45	45
801																				
802						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
803																				
804					81418510	PTP CONFIRMED	RENEWAL	0	0	5	5	5	5	5	5	5	5	5	5	5
805																				
806						<b>Kaiser Alum WA Total</b>		<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
807																				
808		Klickitat	10231	97TX-10038	71458722	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
809																				
810					71458755	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
811																				
812					71458756	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
813																				
814					71458757	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
815																				
816					71458761	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
817																				
818					71458763	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
819																				
820					71458764	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
821																				
822					71458766	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
823																				
824					71458768	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
825																				
826					71458771	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
827																				
828					71458800	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
829																				
830					71458801	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
831																				
832					71458804	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
833																				
834					71458809	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
835																				
836					71458810	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
837																				
838					71460099	PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
839																				
840					77124569	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
841																				
842					77124571	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
843																				
844					77124572	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
845																				
846					77124573	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
847																				
848					77124575	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
849																				
850					77124578	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
851																				
852					77124579	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
853																				
854					77124581	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
855																				
856					77124582	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
857																				
858					77124583	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
859																				
860					77124585	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
861																				
862					77124586	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
863																				
864					77124588	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
865																				
866					77124590	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
867																				
868					77124591	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
869																				
870					77128633	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
871																				
872					79467143	PTP CONFIRMED	ORIGINAL	11	11	11	11	11	11	11	11	11	11	11	11	11
873																				
874						PTP SDD CONFIRMED	SDD	11	11	11	11	11	11	11	11	11	11	11	11	11
875																				
876						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
877																				
878						PTP SDD SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
879																				
880						<b>Klickitat Total</b>		<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>
881																				
882					L & M	11703	06TX-12244	72873760	PTP NO SCD CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1
883																				
884						<b>L &amp; M Total</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
885																				
886					LADWP	10241	02TX-10944	73198926	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	0
887																				
888						78459737	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
889																				
890																				
891																				
892						78459759	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
893																				
894																				
895																				
896					78459765	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50

**Table 13.1  
2017 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
897																				
898								0	0	0	0	0	0	0	0	0	0	0	0	0
899																				
900					78459768	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
901																				
902								0	0	0	0	0	0	0	0	0	0	0	0	0
903																				
904					78459775	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
905																				
906								0	0	0	0	0	0	0	0	0	0	0	0	0
907																				
908					78459780	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
909																				
910								0	0	0	0	0	0	0	0	0	0	0	0	0
911																				
912					80133002	PTP CONFIRMED	RENEWAL	20	20	20	20	20	20	20	20	20	20	20	20	20
913																				
914					80751162	PTP CONFIRMED	ORIGINAL	20	20	20	20	20	20	20	20	20	20	20	20	20
915																				
916					81657606	PTP CONFIRMED	ORIGINAL	72	72	72	72	72	72	72	72	72	72	72	72	72
917																				
918					82360420	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
919																				
920						<b>LADWP Total</b>		<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>	<b>462</b>
921																				
922					Lower Valley	10244	08TX-13671	78866292	PTP NO SCD CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0
923																				
924						<b>Lower Valley Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
925																				
926					Middle Fork	10255	05TX-11927	1466103	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1
927																				
928																				
929																				
930								1469988	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3
931																				
932																				
933																				
934						<b>Middle Fork Total</b>		<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
935																				
936					Northern Wasco	10279	09TX-14164	79710722	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6
937																				
938						<b>Northern Wasco Total</b>		<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
939																				
940					Okanogan PUD	10286	01TX-10686	75978524	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
941																				
942								75978559	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
943																				
944								75978566	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
945																				
946								75978571	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
947																				
948								75978577	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
949																				
950								75978582	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
951																				
952								75978586	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
953																				
954								75978589	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
955																				
956								75978597	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0



**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
957																				
958					75978607	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
959																				
960					75978620	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
961																				
962					75978634	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
963																				
964					75978636	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
965																				
966					75978638	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
967																				
968					75978640	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
969																				
970					75978643	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
971																				
972					75978645	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
973																				
974					75978650	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
975																				
976					75978656	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
977																				
978					75978673	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
979																				
980					75978693	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
981																				
982					75978696	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
983																				
984					75978699	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
985																				
986					75978700	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
987																				
988					81631205	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
989																				
990					81631211	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
991																				
992					81631214	PTP CONFIRMED	RENEWAL	13	13	13	13	13	13	13	13	13	13	13	13	13
993																				
994					81631218	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
995																				
996					81631223	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
997																				
998					81631231	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
999																				
1000					81631238	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
1001																				
1002					81631243	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
1003																				
1004					81631249	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
1005																				
1006					81631259	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1007																				
1008					81631272	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1009																				
1010					81631276	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1011																				
1012					81631279	PTP CONFIRMED	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
1013																				
1014					81631286	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1015																				
1016					81631295	PTP CONFIRMED	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11	11
1017																				
1018					81631297	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1019					81631303	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	
1020					81631303	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1021					81631311	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
1022					81631311	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
1023					81631313	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1024					81631313	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1025					81631317	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1026					81631317	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1027					81631330	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1028					81631330	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1029					81631333	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1030					81631333	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1031					81631334	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1032					81631334	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1033					81631338	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1034					81631338	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1035					81631338	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1036						<b>Okanogan PUD Total</b>		<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>
1037																				
1038					Orion Energy	10816	03TX-11574	1413428	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	0
1039					Orion Energy	10816	03TX-11574	1413428	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	0
1040					<b>Orion Energy Total</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1041																				
1042					Outback Solar	11951	11TX-15513	7731998	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5
1043					Outback Solar	11951	11TX-15513	7731998	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5
1044																				
1045																				
1046						<b>Outback Solar Total</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
1047																				
1048					PAC	10300	04TX-11722	72510734	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50
1049					PAC	10300	04TX-11722	72510734	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50
1050																				
1051																				
1052																				
1053																				
1054																				
1055																				
1056																				
1057																				
1058																				
1059																				
1060																				
1061																				
1062																				
1063																				
1064																				
1065																				
1066																				
1067																				
1068																				
1069																				
1070																				
1071																				
1072																				
1073																				
1074																				
1075																				
1076																				
1077																				
1078																				
1079																				
1080																				
1081																				
1082																				

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1083																				
1084					76382678	PTP CONFIRMED	REDIRECT	21	21	0	0	0	0	0	0	0	0	0	0	0
1085																				
1086					76522087	PTP CONFIRMED	RENEWAL	75	75	75	75	75	75	0	0	0	0	0	0	0
1087																				
1088						PTP SDD CONFIRMED	SDD	75	75	75	75	75	75	0	0	0	0	0	0	0
1089																				
1090					76970392	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1091																				
1092						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1093																				
1094					77119166	PTP CF CONFIRMED	REDIRECT	88	88	88	88	88	88	88	88	88	0	0	0	0
1095																				
1096						PTP CF SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	88	88	88	88
1097																				
1098					77322753	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1099																				
1100						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1101																				
1102					77322823	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1103																				
1104						PTP SDD CONFIRMED	SDD	5	5	5	5	5	5	5	5	5	5	5	5	5
1105																				
1106								5	5	5	5	5	5	5	5	5	5	5	5	5
1107																				
1108								5	5	5	5	5	5	5	5	5	5	5	5	5
1109																				
1110						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1111																				
1112								0	0	0	0	0	0	0	0	0	0	0	0	0
1113																				
1114								0	0	0	0	0	0	0	0	0	0	0	0	0
1115																				
1116					77322834	PTP CONFIRMED	RENEWAL	76	76	76	76	76	76	76	76	76	76	76	76	76
1117																				
1118					77424318	PTP CONFIRMED	RENEWAL	120	120	120	120	120	120	120	120	120	120	120	120	120
1119																				
1120						PTP SDD CONFIRMED	SDD	120	120	120	120	120	120	120	120	120	120	120	120	120
1121																				
1122								120	120	120	120	120	120	120	120	120	120	120	120	120
1123																				
1124								120	120	120	120	120	120	120	120	120	120	120	120	120
1125																				
1126						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1127																				
1128								0	0	0	0	0	0	0	0	0	0	0	0	0
1129																				
1130								0	0	0	0	0	0	0	0	0	0	0	0	0
1131																				
1132					77424414	PTP CONFIRMED	RENEWAL	190	190	190	190	190	190	190	190	190	190	190	190	190
1133																				
1134						PTP SDD CONFIRMED	SDD	190	190	190	190	190	190	190	190	190	190	190	190	190
1135																				
1136								190	190	190	190	190	190	190	190	190	190	190	190	190
1137																				
1138								190	190	190	190	190	190	190	190	190	190	190	190	190
1139																				
1140						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1141																				
1142								0	0	0	0	0	0	0	0	0	0	0	0	0
1143																				
1144								0	0	0	0	0	0	0	0	0	0	0	0	0
1145																				
1146					77424479	PTP CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30	30

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1147																				
1148						PTP SDD CONFIRMED	SDD	30	30	30	30	30	30	30	30	30	30	30	30	30
1149																				
1150								30	30	30	30	30	30	30	30	30	30	30	30	30
1151																				
1152								30	30	30	30	30	30	30	30	30	30	30	30	30
1153																				
1154						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1155																				
1156						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1157																				
1158								0	0	0	0	0	0	0	0	0	0	0	0	0
1159																				
1160								0	0	0	0	0	0	0	0	0	0	0	0	0
1161																				
1162					77520585	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
1163																				
1164						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1165																				
1166					77810169	PTP CONFIRMED	ORIGINAL	35	35	35	35	35	35	35	35	35	35	35	35	35
1167																				
1168						PTP SDD CONFIRMED	SDD	35	35	35	35	35	35	35	35	35	35	35	35	35
1169																				
1170								35	35	35	35	35	35	35	35	35	35	35	35	35
1171																				
1172								35	35	35	35	35	35	35	35	35	35	35	35	35
1173																				
1174						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1175																				
1176						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1177																				
1178								0	0	0	0	0	0	0	0	0	0	0	0	0
1179																				
1180								0	0	0	0	0	0	0	0	0	0	0	0	0
1181																				
1182					77810173	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1183																				
1184						PTP SDD CONFIRMED	SDD	5	5	5	5	5	5	5	5	5	5	5	5	5
1185																				
1186						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1187																				
1188					78385466	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1189																				
1190						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1191																				
1192					78398821	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1193																				
1194						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1195																				
1196					78720215	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1197																				
1198					78720311	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1199																				
1200					78720424	PTP CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30	30
1201																				
1202					78720451	PTP CONFIRMED	RENEWAL	146	146	146	146	146	146	146	146	146	146	146	146	146
1203																				
1204					78720471	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1205																				
1206					78720493	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1207																				
1208					78720629	PTP CONFIRMED	RENEWAL	85	85	85	85	85	85	85	85	85	85	85	85	85
1209																				
1210					78720634	PTP CONFIRMED	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75	75
1211																				
1212					78720640	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1213																				
1214					78721010	PTP CONFIRMED	RENEWAL	88	88	88	88	88	88	88	88	88	88	88	88	88
1215																				
1216					79131028	PTP CF CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1217																				
1218					79191196	PTP CONFIRMED	REDIRECT	38	38	38	38	38	0	0	0	0	0	0	0	0
1219																				
1220					79191207	PTP CONFIRMED	REDIRECT	56	56	56	56	56	56	56	56	56	56	56	56	56
1221																				
1222						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1223																				
1224					79484622	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1225																				
1226					80122355	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	0	0
1227																				
1228					80207119	PTP CONFIRMED	RENEWAL	85	85	85	85	85	85	85	85	85	85	85	85	85
1229																				
1230						PTP SDD CONFIRMED	SDD	85	85	85	85	85	85	85	85	85	85	85	85	85
1231																				
1232					80207131	PTP CONFIRMED	RENEWAL	144	144	144	144	144	144	144	144	144	144	144	144	144
1233																				
1234						PTP SDD CONFIRMED	SDD	144	144	144	144	144	144	144	144	144	144	144	144	144
1235																				
1236					80207146	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
1237																				
1238					80320003	PTP CONFIRMED	REDIRECT	70	70	70	70	70	70	70	70	70	70	70	70	70
1239																				
1240					80320010	PTP CONFIRMED	REDIRECT	420	420	420	420	420	420	420	420	420	420	420	420	420
1241																				
1242						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1243																				
1244					80544404	PTP CONFIRMED	RENEWAL	70	70	70	70	70	70	70	70	70	70	70	70	70
1245																				
1246					81137996	PTP CONFIRMED	REDIRECT	85	85	85	85	85	85	85	85	85	85	85	0	0
1247																				
1248						PTP SDD CONFIRMED	SDD	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85	0	0
1249																				
1250								85	85	85	85	85	85	85	85	85	85	85	0	0
1251																				
1252						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	-85	-85
1253																				
1254								0	0	0	0	0	0	0	0	0	0	0	85	85
1255																				
1256					81138001	PTP CONFIRMED	REDIRECT	144	144	144	144	144	144	144	144	144	144	144	0	0
1257																				
1258						PTP SDD CONFIRMED	SDD	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	0	0
1259																				
1260								144	144	144	144	144	144	144	144	144	144	144	0	0
1261																				
1262						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	144	144
1263																				
1264								0	0	0	0	0	0	0	0	0	0	0	-144	-144
1265																				
1266					81157446	PTP CONFIRMED	RENEWAL	222	222	222	222	222	222	222	222	222	222	222	222	222

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1267																				
1268					81157458	PTP CONFIRMED	RENEWAL	18	18	18	18	18	18	18	18	18	18	18	18	18
1269																				
1270					81500823	PTP CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1271																				
1272					81539749	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1273																				
1274					81544421	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	1	1	
1275																				
1276					81749553	PTP CF CONFIRMED	RECALL	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
1277																				
1278					81775769	PTP CONFIRMED	RENEWAL	0	40	40	40	40	40	40	40	40	40	40	40	40
1279																				
1280					81829747	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1281																				
1282						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1283																				
1284					81829797	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1285																				
1286						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1287																				
1288								0	0	0	0	0	0	0	0	0	0	0	0	0
1289																				
1290								0	0	0	0	0	0	0	0	0	0	0	0	0
1291																				
1292					81829843	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1293																				
1294						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1295																				
1296								0	0	0	0	0	0	0	0	0	0	0	0	0
1297																				
1298								0	0	0	0	0	0	0	0	0	0	0	0	0
1299																				
1300								0	0	0	0	0	0	0	0	0	0	0	0	0
1301																				
1302								0	0	0	0	0	0	0	0	0	0	0	0	0
1303																				
1304					81840100	PTP CONFIRMED	RENEWAL	0	0	21	21	21	21	21	21	21	21	21	21	21
1305																				
1306					81990216	PTP CONFIRMED	RENEWAL	0	0	0	137	137	137	137	137	137	137	137	137	137
1307																				
1308					82278198	PTP CONFIRMED	RENEWAL	0	0	0	0	0	38	38	38	38	38	38	38	38
1309																				
1310					82471481	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	75	75	75	75	75	75	75
1311																				
1312						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	75	75	75	75	75	75	75
1313																				
1314						<b>PAC Total</b>		<b>5089</b>	<b>5089</b>	<b>5089</b>	<b>5089</b>	<b>5089</b>	<b>5089</b>	<b>5089</b>	<b>5089</b>	<b>5089</b>	<b>5089</b>	<b>4860</b>	<b>4860</b>	
1315																				
1316					Patu Wind Farm	11875	08TX-13657	74128031	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10
1317																				
1318						<b>Patu Wind Farm Total</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	
1319																				
1320					Pend Oreille	10306	02TX-10875	76277018	PTP CONFIRMED	RENEWAL	6	6	6	0	0	0	0	0	0	0
1321																				
1322																				
1323																				
1324																				
1325																				
1326																				
1327																				
1328																				
1328					76277025	PTP CONFIRMED	RENEWAL	4	4	4	0	0	0	0	0	0	0	0	0	0

**Table 13.1  
2017 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
1329																			
1330						PTP SPECULATION	RENEWAL	0	0	0	4	4	4	4	4	4	4	4	4
1331																			
1332					76277031	PTP CONFIRMED	RENEWAL	3	3	3	0	0	0	0	0	0	0	0	0
1333																			
1334						PTP SPECULATION	RENEWAL	0	0	0	3	3	3	3	3	3	3	3	3
1335																			
1336					76277035	PTP CONFIRMED	RENEWAL	3	3	3	0	0	0	0	0	0	0	0	0
1337																			
1338						PTP SPECULATION	RENEWAL	0	0	0	3	3	3	3	3	3	3	3	3
1339																			
1340					76277045	PTP CONFIRMED	RENEWAL	3	3	3	0	0	0	0	0	0	0	0	0
1341																			
1342						PTP SPECULATION	RENEWAL	0	0	0	3	3	3	3	3	3	3	3	3
1343																			
1344					76277050	PTP CONFIRMED	RENEWAL	2	2	2	0	0	0	0	0	0	0	0	0
1345																			
1346						PTP SPECULATION	RENEWAL	0	0	0	2	2	2	2	2	2	2	2	2
1347																			
1348					76277055	PTP CONFIRMED	RENEWAL	1	1	1	0	0	0	0	0	0	0	0	0
1349																			
1350						PTP SPECULATION	RENEWAL	0	0	0	1	1	1	1	1	1	1	1	1
1351																			
1352					76277060	PTP CONFIRMED	RENEWAL	1	1	1	0	0	0	0	0	0	0	0	0
1353																			
1354						PTP SPECULATION	RENEWAL	0	0	0	1	1	1	1	1	1	1	1	1
1355																			
1356					76277063	PTP CONFIRMED	RENEWAL	1	1	1	0	0	0	0	0	0	0	0	0
1357																			
1358						PTP SPECULATION	RENEWAL	0	0	0	1	1	1	1	1	1	1	1	1
1359																			
1360					76277065	PTP CONFIRMED	RENEWAL	1	1	1	0	0	0	0	0	0	0	0	0
1361																			
1362						PTP SPECULATION	RENEWAL	0	0	0	1	1	1	1	1	1	1	1	1
1363																			
1364					76277067	PTP CONFIRMED	RENEWAL	1	1	1	0	0	0	0	0	0	0	0	0
1365																			
1366						PTP SPECULATION	RENEWAL	0	0	0	1	1	1	1	1	1	1	1	1
1367																			
1368					76277086	PTP CONFIRMED	RENEWAL	9	9	9	0	0	0	0	0	0	0	0	0
1369																			
1370						PTP SPECULATION	RENEWAL	0	0	0	9	9	9	9	9	9	9	9	9
1371																			
1372					82150954	PTP CONFIRMED	ORIGINAL	0	0	0	8	8	8	8	8	8	8	8	8
1373																			
1374						<b>Pend Oreille Total</b>		<b>40</b>	<b>40</b>	<b>40</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>
1375																			
1376		PGE	10314	09TX-14507	78857909	PTP CONFIRMED	DEFERRAL	45	45	45	45	45	45	45	45	45	45	45	45
1377																			
1378					78858032	PTP CF CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100
1379																			
1380					79042182	PTP CONFIRMED	RENEWAL	250	250	250	250	250	250	250	250	250	250	250	250
1381																			
1382					79042267	PTP CONFIRMED	RENEWAL	270	270	270	270	270	270	270	270	270	270	270	270
1383																			
1384					79042492	PTP CONFIRMED	RENEWAL	531	531	531	531	531	531	531	531	531	531	531	531
1385																			
1386					79058520	PTP CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	150	150
1387																			
1388					79058581	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
1389																			
1390					79058669	PTP CONFIRMED	RENEWAL	250	250	250	250	250	250	250	250	250	250	250	250
1391																			
1392					79099382	PTP CONFIRMED	RENEWAL	160	160	160	160	160	160	160	160	160	160	160	160
1393																			
1394					79099396	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27
1395																			
1396					79099468	PTP CONFIRMED	RENEWAL	161	161	161	161	161	161	161	161	161	161	161	161
1397																			

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1398					79099506	PTP CONFIRMED	RENEWAL	169	169	169	169	169	169	169	169	169	169	169	169	
1399																				
1400					79099585	PTP CONFIRMED	RENEWAL	279	279	279	279	279	279	279	279	279	279	279	279	
1401																				
1402					79109702	PTP CONFIRMED	RENEWAL	131	131	131	131	131	131	131	131	131	131	131	131	
1403																				
1404					79294957	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	
1405																				
1406					79295318	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	
1407																				
1408					79593334	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	
1409																				
1410					79593338	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	
1411																				
1412					79734273	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	300	300	
1413																				
1414					80394113	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	
1415																				
1416					80401925	PTP CF CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	
1417																				
1418					80401947	PTP CF CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10	
1419																				
1420					80401970	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	
1421																				
1422					80402010	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	
1423																				
1424					80402046	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	
1425																				
1426					80402067	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	
1427																				
1428					80402081	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	
1429																				
1430					80402096	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	
1431																				
1432					80402109	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	
1433																				
1434					81460014	PTP CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10	
1435																				
1436					81460326	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	
1437																				
1438					81460336	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	
1439																				
1440					81460381	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	
1441																				
1442					81460390	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	
1443																				
1444					81460394	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	
1445																				
1446					81460417	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	
1447																				
1448					81460428	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	
1449																				
1450					81460445	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	
1451																				
1452					81460466	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	
1453																				
1454					81800037	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	
1455																				
1456					81800040	PTP CF CONFIRMED	RECALL	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	
1457																				
1458					81800055	PTP CF CONFIRMED	RECALL	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	
1459																				
1460					81800056	PTP CF CONFIRMED	RECALL	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	
1461																				
1462					81809488	PTP CF CONFIRMED	RECALL	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	
1463																				
1464					81809605	PTP CF CONFIRMED	RECALL	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	
1465																				
1466					81809609	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	



**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1467																				
1468					81809611	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
1469																				
1470					81809614	PTP CF CONFIRMED	RECALL	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
1471																				
1472					81809615	PTP CF CONFIRMED	RECALL	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
1473																				
1474					81827800	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1475																				
1476					81827802	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1477																				
1478					81827805	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1479																				
1480					81827807	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1481																				
1482					81827809	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1483																				
1484					81827810	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1485																				
1486					81827814	PTP CONFIRMED	DEFERRAL	0	0	0	100	100	100	100	100	100	100	100	100	100
1487																				
1488					81916989	PTP CONFIRMED	DEFERRAL	0	0	0	50	50	50	50	50	50	50	50	50	50
1489																				
1490					81917028	PTP CONFIRMED	DEFERRAL	0	0	0	50	50	50	50	50	50	50	50	50	50
1491																				
1492					81917035	PTP CONFIRMED	DEFERRAL	0	0	0	100	100	100	100	100	100	100	100	100	100
1493																				
1494					81917043	PTP CONFIRMED	DEFERRAL	0	0	0	50	50	50	50	50	50	50	50	50	50
1495																				
1496					81917048	PTP CONFIRMED	DEFERRAL	0	0	0	100	100	100	100	100	100	100	100	100	100
1497																				
1498					81917059	PTP CONFIRMED	DEFERRAL	0	0	0	100	100	100	100	100	100	100	100	100	100
1499																				
1500					81917064	PTP CONFIRMED	DEFERRAL	0	0	0	100	100	100	100	100	100	100	100	100	100
1501																				
1502					82427900	PTP CONFIRMED	DEFERRAL	0	0	0	0	0	0	0	100	100	100	100	100	100
1503																				
1504					82428263	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1505																				
1506					82428277	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1507																				
1508				98TX-10174	73970915	PTP CONFIRMED	ORIGINAL	25	25	0	0	0	0	0	0	0	0	0	0	0
1509																				
1510						PTP SPECULATION	RENEWAL	0	0	25	25	25	25	25	25	25	25	25	25	25
1511																				
1512						<b>PGE Total</b>		<b>3685</b>	<b>3685</b>	<b>3685</b>	<b>4335</b>	<b>4335</b>	<b>4335</b>	<b>4335</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>
1513																				
1514					PNGC	10298	15TX-16091	80767518	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6
1515																				
1516						UNKNOWN	PTP SPECULATION	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
1517																				
1518								0	0	0	0	0	0	0	0	0	0	0	0	3
1519																				
1520						<b>PNGC Total</b>		<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>12</b>
1521																				
1522					POTB	13227	13TX-15849	78391247	PTP CONFIRMED	DEFERRAL	1	1	1	1	1	1	1	1	1	1
1523																				
1524																				
1525																				
1526						<b>POTB Total</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
1527																				
1528					Powerex	10037	96MS-96084	1465922	PTP CONFIRMED	ORIGINAL	230	230	230	230	230	230	230	230	230	230
1529																				
1530						99TX-10251	74490405	PTP CONFIRMED	RENEWAL	12	12	12	12	12	12	12	12	12	12	12
1531																				
1532																				
1533																				
1534																				
1535					75753552	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
1536					77105600	PTP CONFIRMED	RENEWAL	102	102	102	102	102	102	102	102	102	102	102	102
1537																			
1538						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1539																			
1540					77478534	PTP CONFIRMED	ORIGINAL	80	80	80	80	80	80	80	80	80	80	80	80
1541																			
1542						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1543																			
1544					77821635	PTP CONFIRMED	RENEWAL	125	125	125	125	125	125	125	125	125	125	125	125
1545																			
1546					77821638	PTP CONFIRMED	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75
1547																			
1548						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1549																			
1550					80180555	PTP CONFIRMED	RENEWAL	348	348	348	348	348	348	348	348	348	348	348	348
1551																			
1552					80380906	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	0	0	0
1553																			
1554					80595600	PTP CONFIRMED	REDIRECT	125	125	125	0	0	0	0	0	0	0	0	0
1555																			
1556					80595912	PTP CONFIRMED	REDIRECT	75	75	75	0	0	0	0	0	0	0	0	0
1557																			
1558					81027562	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	50	50	50
1559																			
1560					81535746	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1561																			
1562					81882907	PTP SPECULATION	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0
1563																			
1564					81954831	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	41	41	41	41	41	41	41
1565																			
1566						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1567																			
1568						<b>Powerex Total</b>		<b>1322</b>	<b>1322</b>	<b>1322</b>	<b>1122</b>	<b>1122</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>
1569																			
1570					PRC	10317	DE-MS79-95BP94151	422176	PTP SPECULATION	CONVERSION	0	0	0	0	0	0	0	0	0
1571																			
1572						<b>PRC Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1573																			
1574					Puget	10325	06TX-12195	1471793	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25
1575																			
1576						1471795	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25
1577																			
1578						1471797	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25
1579																			
1580						1471799	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25
1581																			
1582						1471801	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25
1583																			
1584						1471803	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25
1585																			
1586						1473142	PTP CONFIRMED	REDIRECT	250	250	250	250	250	250	250	250	250	250	250
1587																			
1588						71365495	PTP CONFIRMED	RENEWAL	400	400	400	400	400	400	400	400	400	400	400
1589																			
1590						71984715	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5
1591																			
1592						72706601	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100
1593																			
1594						72706605	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100
1595																			
1596						72706606	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50
1597																			
1598						72706608	PTP CONFIRMED	ORIGINAL	43	43	43	43	43	43	43	43	43	43	43
1599																			
1600						72813104	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7
1601																			
1602						73395728	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50
1603																			
1604						76041854	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1605																				
1606					76041858	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1607																				
1608					76213391	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50	50
1609																				
1610					76213396	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50	50
1611																				
1612					76213399	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50	50
1613																				
1614					76213403	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1615																				
1616					76213405	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1617																				
1618					76213407	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50	50
1619																				
1620					77286223	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1621																				
1622					77286231	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1623																				
1624					77286242	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1625																				
1626					77286250	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1627																				
1628						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1629																				
1630					77565922	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1631																				
1632					77565931	PTP CF CONFIRMED	ORIGINAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1633																				
1634					77855235	PTP CONFIRMED	REDIRECT	3	3	3	3	3	3	3	3	3	3	3	3	3
1635																				
1636					77913795	PTP CONFIRMED	RENEWAL	35	35	35	35	35	35	35	35	35	35	35	35	35
1637																				
1638						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1639																				
1640					77913798	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1641																				
1642						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1643																				
1644					78262265	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1645																				
1646					78510643	PTP CONFIRMED	RENEWAL	115	115	115	115	115	115	115	115	115	115	115	115	115
1647																				
1648						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1649																				
1650					78510669	PTP CONFIRMED	ORIGINAL	160	160	160	160	160	160	160	160	160	160	160	160	160
1651																				
1652					78510701	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	300	300	300
1653																				
1654						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1655																				
1656					78510722	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1657																				
1658					78527159	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1659																				
1660					78527166	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1661																				
1662					78527170	PTP CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	150	150	150
1663																				
1664					78527177	PTP CONFIRMED	RENEWAL	263	263	263	263	263	263	263	263	263	263	263	263	263
1665																				
1666						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1667																				
1668					78527185	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1669																				
1670					78527191	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	300	300	300
1671																				
1672					78859254	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1673																				

**Table 13.1  
2017 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1674					78859265	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	
1675																				
1676					78859267	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1677																				
1678					78859275	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1679																				
1680					78859281	PTP CONFIRMED	RENEWAL	55	55	55	55	55	55	55	55	55	55	55	55	55
1681																				
1682					78859285	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1683																				
1684					78859287	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1685																				
1686					78859293	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1687																				
1688					78859294	PTP CONFIRMED	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
1689																				
1690					78859296	PTP CONFIRMED	RENEWAL	36	36	36	36	36	36	36	36	36	36	36	36	36
1691																				
1692					78859299	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1693																				
1694					78903869	PTP CONFIRMED	RENEWAL	169	169	169	169	169	169	169	169	169	169	169	169	169
1695																				
1696					80518661	PTP CF CONFIRMED	RENEWAL	12	12	12	12	12	12	12	12	12	12	12	12	12
1697																				
1698					80701818	PTP CONFIRMED	ORIGINAL	137	137	137	137	137	137	137	137	137	137	137	137	137
1699																				
1700						PTP SDD CONFIRMED	SDD	137	137	137	137	137	137	137	137	137	137	137	137	137
1701																				
1702					80855662	PTP CONFIRMED	RENEWAL	23	23	23	23	23	23	23	23	23	23	23	23	23
1703																				
1704					81233853	PTP CF CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1705																				
1706					81506896	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1707																				
1708					81506901	PTP CONFIRMED	ORIGINAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1709																				
1710					81687654	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1711																				
1712					81687662	PTP CONFIRMED	RENEWAL	94	94	94	94	94	94	94	94	94	94	94	94	94
1713																				
1714					81853128	PTP CONFIRMED	REDIRECT	75	75	75	75	75	75	75	75	75	75	75	75	75
1715																				
1716					81853138	PTP CONFIRMED	REDIRECT	75	75	75	75	75	75	75	75	75	75	75	75	75
1717																				
1718					81853144	PTP CONFIRMED	REDIRECT	75	75	75	75	75	75	75	75	75	75	75	75	75
1719																				
1720					81853154	PTP CONFIRMED	REDIRECT	115	115	115	115	115	115	115	115	115	115	115	115	115
1721																				
1722					81853158	PTP CONFIRMED	REDIRECT	35	35	35	35	35	35	35	35	35	35	35	35	35
1723																				
1724					81853190	PTP CONFIRMED	REDIRECT	150	150	150	150	150	150	150	150	150	150	150	150	150
1725																				
1726					81856467	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1727																				
1728					81856480	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1729																				
1730					81856482	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1731																				
1732					81964408	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
1733																				
1734					81964411	PTP CF CONFIRMED	RECALL	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
1735																				
1736				14-03-45241	1801608	PTP SPECULATION	CONVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
1737																				
1738				DE-MS79-85BP92185	422177	PTP SPECULATION	CONVERSION	0	0	0	0	0	0	0	0	0	0	32	32	32
1739																				
1740																				
	<b>Puget Total</b>							<b>5088</b>	<b>5088</b>	<b>5088</b>	<b>5088</b>	<b>5088</b>	<b>5088</b>	<b>5088</b>	<b>5088</b>	<b>5088</b>	<b>5120</b>	<b>5120</b>	<b>5120</b>	

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1741																				
1742		Raft River Energy	11756	07TX-12449	1471160	PTP SDD CONFIRMED	SDD	12	12	12	12	12	12	12	12	12	12	12	12	12
1743																				
1744						PTP NO SCD CONFIRMED	ORIGINAL	12	12	12	12	12	12	12	12	12	12	12	12	12
1745																				
1746		<b>Raft River Energy Total</b>						<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
1747																				
1748		Sagebrush Power	10874	11TX-15454	80073937	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1749																				
1750						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1751																				
1752		<b>Sagebrush Power Total</b>						<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
1753																				
1754		SC Edison	10361	10TX-14641	75978147	PTP CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30	30
1755																				
1756						PTP SDD CONFIRMED	SDD	30	30	30	30	30	30	30	30	30	30	30	30	30
1757																				
1758					75978181	PTP CONFIRMED	ORIGINAL	35	35	35	35	35	35	35	35	35	35	35	35	35
1759																				
1760						PTP SDD CONFIRMED	SDD	35	35	35	35	35	35	35	35	35	35	35	35	35
1761																				
1762					75978191	PTP CONFIRMED	ORIGINAL	65	65	65	65	65	65	65	65	65	65	65	65	65
1763																				
1764						PTP SDD CONFIRMED	SDD	65	65	65	65	65	65	65	65	65	65	65	65	65
1765																				
1766					75978193	PTP CONFIRMED	ORIGINAL	120	120	120	120	120	120	120	120	120	120	120	120	120
1767																				
1768						PTP SDD CONFIRMED	SDD	120	120	120	120	120	120	120	120	120	120	120	120	120
1769																				
1770					76252286	PTP CONFIRMED	ORIGINAL	29	29	29	29	29	29	29	29	29	29	29	29	29
1771																				
1772						PTP SDD CONFIRMED	SDD	29	29	29	29	29	29	29	29	29	29	29	29	29
1773																				
1774					76252295	PTP CONFIRMED	ORIGINAL	115	115	115	115	115	115	115	115	115	115	115	115	115
1775																				
1776						PTP SDD CONFIRMED	SDD	115	115	115	115	115	115	115	115	115	115	115	115	115
1777																				
1778					76252305	PTP CONFIRMED	ORIGINAL	115	115	115	115	115	115	115	115	115	115	115	115	115
1779																				
1780						PTP SDD CONFIRMED	SDD	115	115	115	115	115	115	115	115	115	115	115	115	115
1781																				
1782					76252310	PTP CONFIRMED	ORIGINAL	115	115	115	115	115	115	115	115	115	115	115	115	115
1783																				
1784						PTP SDD CONFIRMED	SDD	115	115	115	115	115	115	115	115	115	115	115	115	115
1785																				
1786					76252318	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1787																				
1788						PTP SDD CONFIRMED	SDD	100	100	100	100	100	100	100	100	100	100	100	100	100
1789																				
1790		<b>SC Edison Total</b>						<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>
1791																				
1792		Seattle	10349	96MS-96018	1800082	PTP CONFIRMED	ORIGINAL	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
1793																				
1794					1800521	PTP CONFIRMED	ORIGINAL	18	18	18	18	18	18	18	18	18	18	18	18	18
1795																				
1796					1800522	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24	24
1797																				
1798					1800523	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1799																				
1800					1800524	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1801																				
1802					1800525	PTP CONFIRMED	ORIGINAL	46	46	46	46	46	46	46	46	46	46	46	46	46
1803																				
1804					1800526	PTP CONFIRMED	ORIGINAL	52	52	52	52	52	52	52	52	52	52	52	52	52
1805																				
1806					1800527	PTP CONFIRMED	ORIGINAL	54	54	54	54	54	54	54	54	54	54	54	54	54
1807																				
1808					1800528	PTP CONFIRMED	ORIGINAL	65	65	65	65	65	65	65	65	65	65	65	65	65
1809																				



**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1879																				
1880					1801079	PTP CONFIRMED	ORIGINAL	37	37	37	37	37	37	37	37	37	37	37	37	37
1881																				
1882					1801080	PTP CONFIRMED	ORIGINAL	38	38	38	38	38	38	38	38	38	38	38	38	38
1883																				
1884					1801081	PTP CONFIRMED	ORIGINAL	39	39	39	39	39	39	39	39	39	39	39	39	39
1885																				
1886					1801082	PTP CONFIRMED	ORIGINAL	72	72	72	72	72	72	72	72	72	72	72	72	72
1887																				
1888					1801083	PTP CONFIRMED	ORIGINAL	81	81	81	81	81	81	81	81	81	81	81	81	81
1889																				
1890					1801084	PTP CONFIRMED	ORIGINAL	85	85	85	85	85	85	85	85	85	85	85	85	85
1891																				
1892					1801085	PTP CONFIRMED	ORIGINAL	102	102	102	102	102	102	102	102	102	102	102	102	102
1893																				
1894					1801086	PTP CONFIRMED	ORIGINAL	156	156	156	156	156	156	156	156	156	156	156	156	156
1895																				
1896					1801087	PTP CONFIRMED	ORIGINAL	247	247	247	247	247	247	247	247	247	247	247	247	247
1897																				
1898					1801163	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1899																				
1900					1801362	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1901																				
1902					1801500	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1903																				
1904					1801823	PTP CONFIRMED	ORIGINAL	131	131	131	131	131	131	131	131	131	131	131	131	131
1905																				
1906					72150853	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1907																				
1908					72150855	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1909																				
1910					72150858	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1911																				
1912					72150862	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1913																				
1914					72150867	PTP CONFIRMED	ORIGINAL	0	0	0	25	25	25	25	25	25	25	25	25	25
1915																				
1916					72150874	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1917																				
1918					72150881	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1919																				
1920					72436399	PTP CONFIRMED	ORIGINAL	0	0	0	25	25	25	25	25	25	25	25	25	25
1921																				
1922					72436437	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1923																				
1924					72566153	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1925																				
1926					72566175	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1927																				
1928					72566200	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1929																				
1930					72673396	PTP CONFIRMED	RECALL	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
1931																				
1932					73240347	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1933																				
1934					73240353	PTP CONFIRMED	ORIGINAL	51	51	51	51	51	51	51	51	51	51	51	51	51
1935																				
1936					<b>Snohomish Total</b>			<b>1919</b>	<b>1919</b>	<b>1919</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>
1937																				
1938					Tacoma Power	10370	98TX-10103	1472937	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2
1939																				
1940					1800542	PTP CONFIRMED	ORIGINAL	19	19	19	19	19	19	19	19	19	19	19	19	19
1941																				
1942					1800543	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23	23
1943																				
1944					1800544	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24	24
1945																				
1946					1800545	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1947																				

**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
1948					1800546	PTP CONFIRMED	ORIGINAL	44	44	44	44	44	44	44	44	44	44	44	44	
1949																				
1950					1800547	PTP CONFIRMED	ORIGINAL	52	52	52	52	52	52	52	52	52	52	52	52	
1951																				
1952					1800548	PTP CONFIRMED	ORIGINAL	54	54	54	54	54	54	54	54	54	54	54	54	
1953																				
1954					1800550	PTP CONFIRMED	ORIGINAL	82	82	82	82	82	82	82	82	82	82	82	82	
1955																				
1956					1800551	PTP CONFIRMED	ORIGINAL	99	99	99	99	99	99	99	99	99	99	99	99	
1957																				
1958					1800565	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	
1959																				
1960					1800566	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	
1961																				
1962					1800567	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	
1963																				
1964					1800568	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	
1965																				
1966					1800569	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	
1967																				
1968					1800570	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	
1969																				
1970					1800571	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	
1971																				
1972					1800572	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3	
1973																				
1974					1800573	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3	
1975																				
1976					1800574	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6	
1977																				
1978					1801317	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	
1979																				
1980					1801318	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	
1981																				
1982					1801319	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3	
1983																				
1984					1801501	PTP CONFIRMED	ORIGINAL	12	12	12	12	12	12	12	12	12	12	12	12	
1985																				
1986					75108338	PTP CONFIRMED	ORIGINAL	155	155	155	155	155	155	155	155	155	155	155	155	
1987																				
1988					75108469	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64	
1989																				
1990					80062905	PTP CONFIRMED	REDIRECT	48	48	48	48	48	48	48	48	48	48	48	48	
1991																				
1992					80062909	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10	10	10	
1993																				
1994					80062920	PTP CONFIRMED	REDIRECT	3	3	3	3	3	3	3	3	3	3	3	3	
1995																				
1996					80062924	PTP CONFIRMED	REDIRECT	56	56	56	56	56	56	56	56	56	56	56	56	
1997																				
1998						<b>Tacoma Power Total</b>		<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	
1999																				
2000					Talen Energy	11831	08TX-13030	72408392	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	
2001																				
2002								73063071	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	
2003																				
2004						<b>Talen Energy Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	
2005																				
2006					TEMUS	10381	98TX-10172	74623837	PTP CF CONFIRMED	DEFERRAL	0	0	0	0	0	0	0	0	0	
2007																				
2008								78976989	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	
2009																				
2010								80942698	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	
2011																				
2012								80942699	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	
2013																				
2014						<b>TEMUS Total</b>		<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	



**Table 13.1**  
**2017 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
2015		Turlock Irrigation	10386	00TX-10344	77517818	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
2016																			
2017																			
2018					77517830	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
2019																			
2020																			
2021																			
2022																			
2023																			
2024																			
2025																			
2026																			
2027																			
2028																			
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2036																			
2037																			
2038																			
2039																			
2040																			
2041																			
2042																			
2043																			
2044																			
2045																			
2046	<b>PTP NETWORK Total</b>							<b>29507</b>	<b>29507</b>	<b>29507</b>	<b>30225</b>	<b>30225</b>	<b>30266</b>	<b>30266</b>	<b>30366</b>	<b>30366</b>	<b>30214</b>	<b>30085</b>	<b>30088</b>

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
3	IR Contract	Puget	10325	14-03-45241	1801608	IR	LEGACY	266	266	266	266	266	266	266	266	266	266	266	0
5		<b>Puget Total</b>						<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>0</b>
8	<b>IR Contract Total</b>							<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>0</b>
10	FPT One-Year	Avista	10016	DE-MS79-85BP92186	453495	WNP-3 Settlement Tx Charge	LEGACY	32	32	32	32	32	32	32	32	32	32	32	32
12		<b>Avista Total</b>						<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>
14		PAC	10300	DE-MS79-94BP94280	422032	FPT 1Yr Long Term Firm	LEGACY	200	200	200	200	200	200	200	200	200	200	200	200
16				DE-MS79-94BP94333	1801200	FPT 1Yr Long Term Firm	LEGACY	35	35	35	35	35	35	35	35	35	35	35	35
18					1801201	FPT 1Yr Long Term Firm	LEGACY	40	40	40	40	40	40	40	40	40	40	40	40
20					1801202	FPT 1Yr Long Term Firm	LEGACY	84	84	84	84	84	84	84	84	84	84	84	84
22					1801203	FPT 1Yr Long Term Firm	LEGACY	241	241	241	241	241	241	241	241	241	241	241	241
24					1801397	FPT 1Yr Long Term Firm	LEGACY	55	55	55	55	55	55	55	55	55	55	55	55
26					1801398	FPT 1Yr Long Term Firm	LEGACY	145	145	145	145	145	145	145	145	145	145	145	145
28		<b>PAC Total</b>						<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>
30		PRC	10317	DE-MS79-95BP94151	422176	FPT 1Yr Long Term Firm	LEGACY	50	50	50	50	50	50	50	50	50	50	50	50
32		<b>PRC Total</b>						<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
34		Puget	10325	DE-MS79-85BP92185	422177	WNP-3 Settlement Tx Charge	LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
36		<b>Puget Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
38	<b>FPT One-Year Total</b>							<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>	<b>882</b>
40	FPT Three-Year	Douglas	10135	DE-MS79-80BP90066	(blank)	FPT 1Yr Long Term Firm	LEGACY	2	2	2	2	2	2	2	2	2	2	2	2
42		<b>Douglas Total</b>						<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
44		PAC	10300	14-03-14612	1801204/5	FPT 3Yr Long Term Firm	LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
46							LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
48		<b>PAC Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
50	<b>FPT Three-Year Total</b>							<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
52	MONTANA INTERTIE	PAC	10300	04TX-11722	76116412	IM CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6
54					77400411	IM CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10
56						IM SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
58		<b>PAC Total</b>						<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
60	<b>MONTANA INTERTIE Total</b>							<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
62	SOUTHERN INTERTIE	Avangrid	10302	00TX-10367	1466882	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
64						IS SPECULATION	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15
66					71678981	IS CONFIRMED	ORIGINAL	280	280	280	280	280	280	280	280	280	280	280	280
68					72154100	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
70						IS SPECULATION	RENEWAL	35	35	35	35	35	35	35	35	35	35	35	35
72					72511486	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
74						IS SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3

**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
75																				
76					72511519	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
77						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
78					72511528	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
79						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
80					73167623	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
81						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
82					73167628	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
83						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
84					73167629	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
85						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
86					73264915	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
87						IS SPECULATION	RENEWAL	180	180	180	180	180	180	180	180	180	180	180	180	180
88					76303714	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
89						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
90					76303727	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
91						IS SPECULATION	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75	75
92					76303731	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
93						IS SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
94					76303736	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
95						IS SPECULATION	RENEWAL	47	47	47	47	47	47	47	47	47	47	47	47	47
96					76659161	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
97						IS SPECULATION	RENEWAL	95	95	95	95	95	95	95	95	95	95	95	95	95
98					77719214	IS CONFIRMED	RENEWAL	42	42	42	42	42	42	42	42	42	42	42	42	42
99						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
100					78154124	IS CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30	30
101						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
102					81188001	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
103					<b>Avangrid Total</b>			<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>
104					BPA Power	10033	14TX-95363	321873	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0
105						IS SPECULATION	RENEWAL	700	700	700	700	700	700	700	700	700	700	700	700	700
106						IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
107					73834974	IS CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15	15
108						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
109					73887789	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30	30
110						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
111					80522943	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
112								0	0	0	0	0	0	0	0	0	0	0	0	0
113								0	0	0	0	0	0	0	0	0	0	0	0	0
114								0	0	0	0	0	0	0	0	0	0	0	0	0
115								0	0	0	0	0	0	0	0	0	0	0	0	0
116								0	0	0	0	0	0	0	0	0	0	0	0	0
117								0	0	0	0	0	0	0	0	0	0	0	0	0
118								0	0	0	0	0	0	0	0	0	0	0	0	0
119								0	0	0	0	0	0	0	0	0	0	0	0	0
120								0	0	0	0	0	0	0	0	0	0	0	0	0
121								0	0	0	0	0	0	0	0	0	0	0	0	0
122								0	0	0	0	0	0	0	0	0	0	0	0	0
123								0	0	0	0	0	0	0	0	0	0	0	0	0
124								0	0	0	0	0	0	0	0	0	0	0	0	0
125								0	0	0	0	0	0	0	0	0	0	0	0	0
126								0	0	0	0	0	0	0	0	0	0	0	0	0
127								0	0	0	0	0	0	0	0	0	0	0	0	0
128								0	0	0	0	0	0	0	0	0	0	0	0	0
129								0	0	0	0	0	0	0	0	0	0	0	0	0
130								0	0	0	0	0	0	0	0	0	0	0	0	0
131								0	0	0	0	0	0	0	0	0	0	0	0	0
132								0	0	0	0	0	0	0	0	0	0	0	0	0
133								0	0	0	0	0	0	0	0	0	0	0	0	0
134								0	0	0	0	0	0	0	0	0	0	0	0	0
135								0	0	0	0	0	0	0	0	0	0	0	0	0
136								0	0	0	0	0	0	0	0	0	0	0	0	0
137								0	0	0	0	0	0	0	0	0	0	0	0	0
138								0	0	0	0	0	0	0	0	0	0	0	0	0
139								0	0	0	0	0	0	0	0	0	0	0	0	0
140								0	0	0	0	0	0	0	0	0	0	0	0	0
141								0	0	0	0	0	0	0	0	0	0	0	0	0
142								0	0	0	0	0	0	0	0	0	0	0	0	0
143								0	0	0	0	0	0	0	0	0	0	0	0	0
144								0	0	0	0	0	0	0	0	0	0	0	0	0

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
145																				
146						IS SPECULATION	ORIGINAL	120	120	120	120	120	120	120	120	120	120	120	120	120
147																				
148							RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
149																				
150								0	0	0	0	0	0	0	0	0	0	0	0	0
151																				
152								<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>
153																				
154		Exelon Generation	10849	02TX-11265	78221134	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30	30
155																				
156						78225336	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30
157																				
158						78225361	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30
159																				
160						78225363	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30
161																				
162								<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
163																				
164		Hermiston Power	10199	98TX-10154	449487	IS CONFIRMED	ORIGINAL	33	33	33	33	33	33	33	33	33	33	33	33	33
165																				
166						449491	IS CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
167																				
168						449493	IS CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
169																				
170						1800038	IS CONFIRMED	ORIGINAL	228	228	228	228	228	228	228	228	228	228	228	228
171																				
172						1801359	IS CONFIRMED	ORIGINAL	75	75	75	75	75	75	75	75	75	75	75	75
173																				
174								<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>
175																				
176		Morgan Stanley	10264	97TX-10031	1470382	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
177																				
178						1470384	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
179																				
180						1470386	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
181																				
182						1470388	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
183																				
184						1470598	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
185																				
186						1470752	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
187																				
188						1470754	IS CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15
189																				
190						72398097	IS CONFIRMED	ORIGINAL	85	85	85	85	85	85	85	85	85	85	85	85
191																				
192						75533108	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
193																				
194							IS SPECULATION	RENEWAL	46	46	46	46	46	46	46	46	46	46	46	46
195																				
196						78454535	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
197																				
198						78676775	IS CONFIRMED	RENEWAL	39	39	39	39	39	39	39	39	39	39	39	39
199																				
200							IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
201																				
202						80235959	IS CONFIRMED	RENEWAL	74	74	74	74	74	74	74	74	74	74	74	74
203																				
204						80235975	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
205																				
206						80571459	IS CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10
207																				
208						80571502	IS CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27
209																				
210						80571523	IS CONFIRMED	RENEWAL	73	73	73	73	73	73	73	73	73	73	73	73
211																				
212						82056189	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
213																				
214						82056214	IS CONFIRMED	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15
215																				
216						82056220	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50

**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
217																			
218					82056237	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
219																			
220					82056253	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
221																			
222						<b>Morgan Stanley Total</b>		<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>
223																			
224		PAC	10300	DE-MS79-94BP94280	79356596	IS CONFIRMED	ORIGINAL	200	200	200	200	200	200	200	200	200	200	200	200
225																			
226					DE-MS79-94BP94285	427472	IS CONFIRMED	ORIGINAL	93	93	93	93	93	93	93	93	93	93	93
227																			
228					866020	IS CONFIRMED	ORIGINAL	71	71	71	71	71	71	71	71	71	71	71	71
229																			
230					80879211	IS CONFIRMED	RECALL	-71	-71	-71	-71	-71	-71	-71	-71	-71	-71	-71	-71
231																			
232					80986294	IS CONFIRMED	RECALL	-93	-93	-93	-93	-93	-93	-93	-93	-93	-93	-93	-93
233																			
234						<b>PAC Total</b>		<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>
235																			
236		Powerex	10037	99TX-10251	75322539	IS SPECULATION	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15
237																			
238					77502254	IS CONFIRMED	RENEWAL	357	357	357	0	0	0	0	0	0	0	0	0
239																			
240						IS SPECULATION	RENEWAL	0	0	0	357	357	357	357	357	357	357	357	357
241																			
242					77543772	IS CONFIRMED	RENEWAL	42	42	42	42	42	42	42	42	42	42	42	42
243																			
244						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
245																			
246					77543773	IS CONFIRMED	RENEWAL	286	286	286	286	286	286	286	286	286	286	286	286
247																			
248						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
249																			
250					77543781	IS CONFIRMED	RENEWAL	650	650	650	650	650	650	650	650	650	650	650	650
251																			
252						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
253																			
254					78710047	IS CONFIRMED	RENEWAL	200	200	200	200	200	200	200	200	200	200	200	200
255																			
256						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
257																			
258					79100585	IS CONFIRMED	RENEWAL	51	51	51	51	51	51	51	51	51	51	51	51
259																			
260					79100588	IS CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	150	150
261																			
262					79461718	IS CONFIRMED	RENEWAL	49	49	49	49	49	49	49	49	49	49	49	49
263																			
264					79848644	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
265																			
266					79855282	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
267																			
268					81352448	IS CONFIRMED	RENEWAL	35	35	35	35	35	35	35	35	35	35	35	35
269																			
270						<b>Powerex Total</b>		<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>
271																			
272		Shell Energy	10122	00TX-10286	72429308	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
273																			
274					72513298	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
275																			
276					72513308	IS CONFIRMED	RENEWAL	20	20	20	20	20	20	20	20	20	20	20	20
277																			
278					72513313	IS CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30
279																			
280						<b>Shell Energy Total</b>		<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>

**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
281																				
282		TEMUS	10381	98TX-10172	77302316	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
283																				
284						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
285																				
286					78163252	IS CONFIRMED	RENEWAL	42	42	42	42	42	42	42	42	42	42	42	42	42
287																				
288						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
289																				
290		<b>TEMUS Total</b>						<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>
291																				
292	<b>SOUTHERN INTERTIE Total</b>							<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>
293																				
294	<b>PTP NETWORK</b>	Alcoa	10007	01TX-10630	77208409	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
295																				
296						PTP SPECULATION	RENEWAL	26	26	26	26	26	26	26	26	26	26	26	26	26
297																				
298					77208424	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
299																				
300						PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
301																				
302					77208444	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
303																				
304						PTP SPECULATION	RENEWAL	9	9	9	9	9	9	9	9	9	9	9	9	9
305																				
306					77208559	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
307																				
308						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
309																				
310					77208633	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
311																				
312						PTP SPECULATION	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11	11
313																				
314					77208648	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
315																				
316						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
317																				
318					77208654	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
319																				
320						PTP SPECULATION	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11	11
321																				
322					77208661	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
323																				
324						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
325																				
326					77208675	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
327																				
328						PTP SPECULATION	RENEWAL	39	39	39	39	39	39	39	39	39	39	39	39	39
329																				
330					77208678	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
331																				
332						PTP SPECULATION	RENEWAL	12	12	12	12	12	12	12	12	12	12	12	12	12
333																				
334					77208698	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
335																				
336						PTP SPECULATION	RENEWAL	22	22	22	22	22	22	22	22	22	22	22	22	22
337																				
338					77208709	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
339																				
340						PTP SPECULATION	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
341																				
342					77208846	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
343																				
344						PTP SPECULATION	RENEWAL	26	26	26	26	26	26	26	26	26	26	26	26	26
345																				
346					77208855	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
347																				
348						PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
349																				
350					77208882	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
351																				
352						PTP SPECULATION	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11	11

**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
353																				
354					77208899	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
355																				
356						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
357																				
358					77208909	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
359																				
360						PTP SPECULATION	RENEWAL	31	31	31	31	31	31	31	31	31	31	31	31	31
361																				
362					77208934	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
363																				
364						PTP SPECULATION	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
365																				
366					77208962	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
367																				
368						PTP SPECULATION	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75	75
369																				
370					77208965	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
371																				
372						PTP SPECULATION	RENEWAL	23	23	23	23	23	23	23	23	23	23	23	23	23
373																				
374					77208977	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
375																				
376						PTP SPECULATION	RENEWAL	47	47	47	47	47	47	47	47	47	47	47	47	47
377																				
378					77208984	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
379																				
380						PTP SPECULATION	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15	15
381																				
382		<b>Alcoa Total</b>						<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>
383																				
384		Arlington	11768	07TX-12526	72296939	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
385																				
386		<b>Arlington Total</b>						<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
387																				
388		Avangrid	10302	00TX-10367	75402686	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
389																				
390						75648187	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0
391																				
392						75648199	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0
393																				
394						PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
395																				
396						75648234	PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25
397																				
398						77079897	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
399																				
400						PTP SPECULATION	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
401																				
402						77079910	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
403																				
404						PTP SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
405																				
406						77410538	PTP CONFIRMED	RENEWAL	25	25	0	0	0	0	0	0	0	0	0	0
407																				
408						PTP SDD CONFIRMED	SDD	25	25	0	0	0	0	0	0	0	0	0	0	0
409																				
410						PTP SPECULATION	RENEWAL	0	0	25	25	25	25	25	25	25	25	25	25	25
411																				
412						PTP SDD SPECULATION	SDD	0	0	25	25	25	25	25	25	25	25	25	25	25
413																				
414						77410542	PTP CONFIRMED	RENEWAL	25	25	0	0	0	0	0	0	0	0	0	0
415																				
416						PTP SDD CONFIRMED	SDD	25	25	0	0	0	0	0	0	0	0	0	0	0
417																				
418						PTP SPECULATION	RENEWAL	0	0	25	25	25	25	25	25	25	25	25	25	25
419																				
420						PTP SDD SPECULATION	SDD	0	0	25	25	25	25	25	25	25	25	25	25	25
421																				
422						77410610	PTP CONFIRMED	RENEWAL	50	50	0	0	0	0	0	0	0	0	0	0
423																				
424						PTP SPECULATION	RENEWAL	0	0	50	50	50	50	50	50	50	50	50	50	50

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
425																				
426					77895741	PTP CONFIRMED	ORIGINAL	21	21	21	21	21	21	21	21	21	21	21	21	21
427																				
428					78287943	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
429																				
430						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
431																				
432					78577161	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24	24
433																				
434					79946068	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
435																				
436					79946083	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
437																				
438					79946085	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
439																				
440					80156358	PTP CONFIRMED	RENEWAL	21	21	21	21	21	21	21	21	21	21	21	21	21
441																				
442					80818877	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20	20
443																				
444					80818881	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20	20
445																				
446					80818885	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20	20
447																				
448					81003216	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
449																				
450					81003258	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
451																				
452					81003319	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
453																				
454					81003377	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
455																				
456					81723592	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
457																				
458					81820705	PTP SPECULATION	DEFERRAL	0	0	0	0	0	0	0	0	100	100	100	100	100
459																				
460					81820710	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100	100
461																				
462					81820716	PTP SPECULATION	DEFERRAL	0	0	0	0	0	0	0	0	50	50	50	50	50
463																				
464					81820761	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
465																				
466					81820766	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
467																				
468					UNKNOWN	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
469																				
470								0	0	0	0	0	0	0	0	0	0	0	0	0
471																				
472								17	17	17	17	17	17	17	17	17	17	17	17	17
473																				
474								0	0	0	0	0	0	0	0	0	0	0	0	0
475																				
476								25	25	25	25	25	25	25	25	25	25	25	25	25
477																				
478								33	33	33	33	33	33	33	33	33	33	33	33	33
479																				
480								0	0	0	0	0	0	0	0	0	0	0	0	0
481																				
482								13	13	13	13	13	13	13	13	13	13	13	13	13
483																				
484								0	0	0	0	0	0	0	0	0	0	0	0	0
485																				
486								13	13	13	13	13	13	13	13	13	13	13	13	13
487																				
488						<b>Avangrid Total</b>		<b>1076</b>	<b>1076</b>	<b>1076</b>	<b>1076</b>	<b>1076</b>	<b>1076</b>	<b>1076</b>	<b>1076</b>	<b>1226</b>	<b>1226</b>	<b>1226</b>	<b>1226</b>	<b>1226</b>
489																				
490					Avista	10016	96MS-96008	1468405	PTP CONFIRMED	ORIGINAL	75	75	75	75	75	75	75	75	75	75
491																				
492								1468727	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50
493																				
494								73613033	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100
495																				
496								81229705	PTP CONFIRMED	RENEWAL	196	196	196	196	196	196	196	196	196	196



**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
497																				
498					81229721	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
499					81283167	PTP CONFIRMED	RENEWAL	97	97	97	97	97	97	97	97	97	97	97	97	97
500					81349480	PTP CONFIRMED	ORIGINAL	9	9	9	9	9	9	9	0	0	0	0	0	0
501																				
502																				
503																				
504								0	0	0	0	0	0	0	9	9	9	9	9	9
505																				
506				DE-MS79-85BP92186	453495	PTP SPECULATION	CONVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
507																				
508		<b>Avista Total</b>						<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>	<b>577</b>
509																				
510		Benton PUD	10024	97TX-10041	1800329	PTP CONFIRMED	ORIGINAL	12	12	12	12	12	12	12	12	12	12	12	12	12
511					1800333	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15	15
512					1800338	PTP CONFIRMED	ORIGINAL	16	16	16	16	16	16	16	16	16	16	16	16	16
513					1800343	PTP CONFIRMED	ORIGINAL	16	16	16	16	16	16	16	16	16	16	16	16	16
514					1800354	PTP CONFIRMED	ORIGINAL	29	29	29	29	29	29	29	29	29	29	29	29	29
515					1800364	PTP CONFIRMED	ORIGINAL	34	34	34	34	34	34	34	34	34	34	34	34	34
516					1800366	PTP CONFIRMED	ORIGINAL	35	35	35	35	35	35	35	35	35	35	35	35	35
517					1800373	PTP CONFIRMED	ORIGINAL	42	42	42	42	42	42	42	42	42	42	42	42	42
518					1800375	PTP CONFIRMED	ORIGINAL	54	54	54	54	54	54	54	54	54	54	54	54	54
519					1800377	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64	64
520					1800379	PTP CONFIRMED	ORIGINAL	102	102	102	102	102	102	102	102	102	102	102	102	102
521					1801385	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
522					1801465	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3	3
523					71821291	PTP CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6	6
524					71821795	PTP CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6	6
525																				
526																				
527																				
528																				
529																				
530																				
531																				
532																				
533																				
534																				
535																				
536																				
537																				
538																				
539																				
540																				
541																				
542																				
543		BPA Power	10033	14TX-95363	321890	PTP CONFIRMED	ORIGINAL	90	90	90	90	90	90	90	90	90	90	90	90	90
544					1469289	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
545																				
546																				
547																				
548																				
549																				
550																				
551																				
552																				
553																				
554																				
555																				
556																				
557					1800097	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
558					1800100	PTP CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10	10
559					1800103	PTP CONFIRMED	ORIGINAL	11	11	11	11	11	11	11	11	11	11	11	11	11
560					1800106	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15	15
561					1800109	PTP CONFIRMED	ORIGINAL	17	17	17	17	17	17	17	17	17	17	17	17	17
562																				
563																				
564																				

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
565																			
566					1800112	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23
567																			
568					1800115	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23
569																			
570					1800118	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23
571																			
572					1800121	PTP CONFIRMED	ORIGINAL	27	27	27	27	27	27	27	27	27	27	27	27
573																			
574					1800124	PTP CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30
575																			
576					1800127	PTP CONFIRMED	ORIGINAL	48	48	48	48	48	48	48	48	48	48	48	48
577																			
578					1800130	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64
579																			
580					1800133	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64
581																			
582					1800137	PTP CONFIRMED	ORIGINAL	287	287	287	287	287	287	287	287	287	287	287	287
583																			
584					77078601	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
585																			
586						PTP SPECULATION	RENEWAL	17	17	17	17	17	17	17	17	17	17	17	17
587																			
588					77078633	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
589																			
590						PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
591																			
592					77176374	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
593																			
594					77176386	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
595																			
596					78395391	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0
597																			
598					79471716	PTP CONFIRMED	RENEWAL	53	53	53	53	53	53	53	53	53	53	53	53
599																			
600					79497143	PTP CONFIRMED	RENEWAL	116	116	116	116	116	116	116	116	116	116	116	116
601																			
602					79647304	PTP CONFIRMED	RENEWAL	297	297	297	297	297	297	297	297	297	297	297	297
603																			
604					79879849	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24
605																			
606				96MS-96060	Multiple	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
607																			
608						PTP SPECULATION	RENEWAL	665	665	665	665	665	665	665	665	665	665	665	665
609																			
610								<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>
611																			
612				Chelan	10050	01TX-10714	72041989	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8
613																			
614																			
615								<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
616				Clark	10103	02TX-11177	73198880	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0
617																			
618							73198888	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0
619																			
620							73198892	PTP SPECULATION	ORIGINAL	25	25	25	25	25	25	25	25	25	25
621																			
622							73198896	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0
623																			
624							81435045	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25
625																			
626								<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
627																				
628		Clatskanie	10105	01TX-10649	1321619	PTP CONFIRMED	ORIGINAL	9	9	9	9	9	9	9	9	9	9	9	9	9
629																				
630					1321623	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5	5
631																				
632					1321630	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5	5
633																				
634					1321632	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5	5
635																				
636					1321634	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
637																				
638					1800705	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4	4
639																				
640					1800709	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5	5
641																				
642					1800717	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6	6
643																				
644					1800721	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6	6
645																				
646					1800725	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6	6
647																				
648					1800729	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	7
649																				
650					1800735	PTP CONFIRMED	ORIGINAL	14	14	14	14	14	14	14	14	14	14	14	14	14
651																				
652					1800737	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15	15
653																				
654					1800740	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23	23
655																				
656					1800741	PTP CONFIRMED	ORIGINAL	36	36	36	36	36	36	36	36	36	36	36	36	36
657																				
658		<b>Clatskanie Total</b>						<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>
659																				
660		EDF Renewable	11822	08TX-13169	81775129	PTP SPECULATION	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
661																				
662					81775139	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
663																				
664		<b>EDF Renewable Total</b>						<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
665																				
666		Eurus Comb	11021	09TX-14147	73473061	PTP CONFIRMED	REDIRECT	62	62	62	62	62	62	62	62	62	62	62	62	62
667																				
668		<b>Eurus Comb Total</b>						<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>
669																				
670		Finley Bioenergy	11122	07TX-12488	71689868	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4	4
671																				
672					71915090	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
673																				
674		<b>Finley Bioenergy Total</b>						<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
675																				
676		Franklin County	10183	97TX-10043	1466591	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	2
677																				
678					1468490	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3	3
679																				
680					1469388	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4	4
681																				
682					1471445	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10	10	10	10
683																				
684					1472430	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
685																				
686						PTP SDD CONFIRMED	SDD	5	5	5	5	5	5	5	5	5	5	5	5	5
687																				
688					1801660	PTP CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8	8	8	8
689																				
690					1801665	PTP CONFIRMED	ORIGINAL	27	27	27	27	27	27	27	27	27	27	27	27	27
691																				
692					1801670	PTP CONFIRMED	ORIGINAL	17	17	17	17	17	17	17	17	17	17	17	17	17
693																				
694					1801675	PTP CONFIRMED	ORIGINAL	42	42	42	42	42	42	42	42	42	42	42	42	42
695																				
696					1801685	PTP CONFIRMED	ORIGINAL	22	22	22	22	22	22	22	22	22	22	22	22	22
697																				
698					1801690	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6	6

**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	<b>REVENUE PRODUCT</b>	<b>COMPANY</b>	<b>CUST ID</b>	<b>CONTRACT</b>	<b>AREF</b>	<b>PRODUCT GROUP</b>	<b>TYPE</b>	<b>Oct-17</b>	<b>Nov-17</b>	<b>Dec-17</b>	<b>Jan-18</b>	<b>Feb-18</b>	<b>Mar-18</b>	<b>Apr-18</b>	<b>May-18</b>	<b>Jun-18</b>	<b>Jul-18</b>	<b>Aug-18</b>	<b>Sep-18</b>
699																			
700					1801695	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7
701																			
702					1801700	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7
703																			
704					1801705	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15
705																			
706					1801710	PTP CONFIRMED	ORIGINAL	14	14	14	14	14	14	14	14	14	14	14	14
707																			
708					71630464	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4
709																			
710				<b>Franklin County Total</b>				<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>
711																			
712				Fremont	13303	UNKNOWN	PTP SPECULATION	0	0	4	4	4	4	4	4	4	4	4	4
713																			
714				<b>Fremont Total</b>				<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
715																			
716				Grant	10190	01TX-10679	PTP CONFIRMED	12	12	12	12	12	12	12	12	12	12	12	12
717																			
718				<b>Grant Total</b>				<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
719																			
720				Grays Harbor	10191	96MS-96083	PTP CONFIRMED	2	2	2	2	2	2	2	2	2	2	2	2
721																			
722																			
723																			
724																			
725																			
726																			
727																			
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748																			
749																			
750																			
751																			
752				<b>Grays Harbor Total</b>				<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>
753																			
754				Hermiston Power	10199	98TX-10154	PTP CONFIRMED	228	228	228	228	228	228	228	228	228	228	228	228
755																			
756																			
757																			
758				<b>Hermiston Power Total</b>				<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>
759																			
760				Idaho Power Company	10205	12TX-15618	PTP SDD CONFIRMED	3	3	3	3	3	3	3	3	3	3	3	3
761																			
762																			
763																			
764																			
765																			
766																			
767																			
768																			
769																			
770																			

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
771				13TX-15768	77443011	PTP CONFIRMED	ORIGINAL	50	0	0	0	0	0	0	0	0	0	0	0
772						PTP SPECULATION	RENEWAL	0	50	50	50	50	50	50	50	50	50	50	50
773																			
774					77443034	PTP CONFIRMED	ORIGINAL	25	0	0	0	0	0	0	0	0	0	0	0
775																			
776						PTP SPECULATION	RENEWAL	0	25	25	25	25	25	25	25	25	25	25	25
777																			
778					77443090	PTP CONFIRMED	ORIGINAL	37	0	0	0	0	0	0	0	0	0	0	0
779																			
780						PTP SPECULATION	RENEWAL	0	37	37	37	37	37	37	37	37	37	37	37
781																			
782				96MS-96108	1801396	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
783																			
784					1801478	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
785																			
786					1801489	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
787																			
788																			
789																			
790						<b>Idaho Power Company Total</b>		<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>
791																			
792		JC-B	13140	13TX-15809	78685544	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
793																			
794					81319697	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
795																			
796						<b>JC-B Total</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
797																			
798		Kaiser Alum WA	12077	11TX-15371	76231445	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
799																			
800					77478544	PTP CONFIRMED	ORIGINAL	45	45	45	0	0	0	0	0	0	0	0	0
801																			
802						PTP SPECULATION	RENEWAL	0	0	0	45	45	45	45	45	45	45	45	45
803																			
804					81418510	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5
805																			
806						<b>Kaiser Alum WA Total</b>		<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
807																			
808		Klickitat	10231	97TX-10038	71458722	PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
809																			
810					71458755	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5
811																			
812					71458756	PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2
813																			
814					71458757	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5
815																			
816					71458761	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5
817																			
818					71458763	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5
819																			
820					71458764	PTP SPECULATION	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6
821																			
822					71458766	PTP SPECULATION	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6
823																			
824					71458768	PTP SPECULATION	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4
825																			
826					71458771	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5
827																			
828					71458800	PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1
829																			
830					71458801	PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1
831																			
832					71458804	PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2
833																			
834					71458809	PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2
835																			
836					71458810	PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2
837																			
838					71460099	PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
839																			
840					77124569	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
841																				
842					77124571	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
843					77124572	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
844					77124573	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
845					77124575	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
846					77124578	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
847					77124579	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
848					77124581	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
849					77124582	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
850					77124583	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
851					77124585	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
852					77124586	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
853					77124588	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
854					77124590	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
855					77124591	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
856					77128633	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
857					79467143	PTP CONFIRMED	ORIGINAL	11	11	11	11	11	11	11	11	11	11	11	11	11
858						PTP SDD CONFIRMED	SDD	11	11	11	11	11	11	11	11	11	11	11	11	11
859						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
860						PTP SDD SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
861						<b>Klickitat Total</b>		<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	
862						L & M	11703	06TX-12244	72873760	PTP NO SCD CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1
863						<b>L &amp; M Total</b>					<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	
864						LADWP	10241	02TX-10944	73198926	PTP SPECULATION	ORIGINAL	72	72	72	72	72	72	72	72	72
865						78459737	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
866								0	0	0	0	0	0	0	0	0	0	0	0	0
867						78459759	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
868								0	0	0	0	0	0	0	0	0	0	0	0	0
869						78459765	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
870								0	0	0	0	0	0	0	0	0	0	0	0	0
871						78459768	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
872								0	0	0	0	0	0	0	0	0	0	0	0	0
873						78459775	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
874								0	0	0	0	0	0	0	0	0	0	0	0	0
875						78459780	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
876								0	0	0	0	0	0	0	0	0	0	0	0	0
877						80133002	PTP CONFIRMED	RENEWAL	20	20	20	20	20	20	20	20	20	20	20	20
878																				
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**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
913																			
914					80751162	PTP CONFIRMED	ORIGINAL	20	20	20	20	20	20	20	20	20	20	20	20
915					81657606	PTP CONFIRMED	ORIGINAL	72	72	72	72	72	72	72	72	72	72	72	72
916					82360420	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
917																			
918																			
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**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
985																			
986					75978700	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
987																			
988					81631205	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4
989																			
990					81631211	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10
991																			
992					81631214	PTP CONFIRMED	RENEWAL	13	13	13	13	13	13	13	13	13	13	13	13
993																			
994					81631218	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6
995																			
996					81631223	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2
997																			
998					81631231	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7
999																			
1000					81631238	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2
1001																			
1002					81631243	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2
1003																			
1004					81631249	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2
1005																			
1006					81631259	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5
1007																			
1008					81631272	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4
1009																			
1010					81631276	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
1011																			
1012					81631279	PTP CONFIRMED	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3
1013																			
1014					81631286	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7
1015																			
1016					81631295	PTP CONFIRMED	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11
1017																			
1018					81631297	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4
1019																			
1020					81631303	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1
1021																			
1022					81631311	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6
1023																			
1024					81631313	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1
1025																			
1026					81631317	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1
1027																			
1028					81631330	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1
1029																			
1030					81631333	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4
1031																			
1032					81631334	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4
1033																			
1034					81631338	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7
1035																			
1036						<b>Okanogan PUD Total</b>		<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>
1037																			
1038					Orion Energy	10816	03TX-11574	1413428	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	200	200
1039																			
1040						<b>Orion Energy Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>200</b>
1041																			
1042					Outback Solar	11951	11TX-15513	77311998	PTP CONFIRMED	REDIRECT	5	0	0	0	0	0	0	0	0
1043																			
1044																			
1045																			
1046						<b>Outback Solar Total</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
1047																			
1048					PAC	10300	04TX-11722	72510734	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50
1049																			
1050																			
1051																			
1052																			
1053																			
1054																			
1055																			
1056																			
1057					75503469	PTP CONFIRMED	REDIRECT	250	250	250	250	250	250	250	250	250	250	250	250



**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1057																				
1058					75503471	PTP CONFIRMED	REDIRECT	70	70	70	70	70	70	70	70	70	70	70	70	70
1059																				
1060					75766088	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1061																				
1062						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1063																				
1064					75819074	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1065																				
1066						PTP SPECULATION	RENEWAL	28	28	28	28	28	28	28	28	28	28	28	28	28
1067																				
1068					75841669	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1069																				
1070						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1071																				
1072					76106891	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1073																				
1074						PTP SPECULATION	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1075																				
1076					76145322	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1077																				
1078					76191343	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1079																				
1080						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1081																				
1082						PTP SDD SPECULATION	SDD	40	40	40	40	40	40	40	40	40	40	40	40	40
1083																				
1084					76382678	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1085																				
1086					76522087	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1087																				
1088						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1089																				
1090					76970392	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	0	0	0
1091																				
1092						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	1	1	1	1
1093																				
1094					77119166	PTP CF CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1095																				
1096						PTP CF SPECULATION	RENEWAL	88	88	88	88	88	88	88	88	88	88	88	88	88
1097																				
1098					77322753	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1099																				
1100						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1101																				
1102					77322823	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1103																				
1104						PTP SDD CONFIRMED	SDD	5	5	5	5	5	5	5	5	5	5	5	5	5
1105																				
1106								5	5	5	5	5	5	5	5	5	5	5	5	5
1107																				
1108								5	5	5	5	5	5	5	5	5	5	5	5	5
1109																				
1110						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1111																				
1112								0	0	0	0	0	0	0	0	0	0	0	0	0
1113																				
1114								0	0	0	0	0	0	0	0	0	0	0	0	0
1115																				
1116					77322834	PTP CONFIRMED	RENEWAL	76	76	76	76	76	76	76	76	76	76	76	76	76
1117																				
1118					77424318	PTP CONFIRMED	RENEWAL	120	120	120	120	120	120	120	120	120	120	120	120	120
1119																				
1120						PTP SDD CONFIRMED	SDD	120	120	120	120	120	120	120	120	120	120	120	120	120
1121																				
1122								120	120	120	120	120	120	120	120	120	120	120	120	120
1123																				
1124								120	120	120	120	120	120	120	120	120	120	120	120	120

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1125																				
1126						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1127																				
1128								0	0	0	0	0	0	0	0	0	0	0	0	0
1129																				
1130								0	0	0	0	0	0	0	0	0	0	0	0	0
1131																				
1132					77424414	PTP CONFIRMED	RENEWAL	190	190	190	190	190	190	190	190	190	190	190	190	190
1133																				
1134						PTP SDD CONFIRMED	SDD	190	190	190	190	190	190	190	190	190	190	190	190	190
1135																				
1136								190	190	190	190	190	190	190	190	190	190	190	190	190
1137																				
1138								190	190	190	190	190	190	190	190	190	190	190	190	190
1139																				
1140						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1141																				
1142								0	0	0	0	0	0	0	0	0	0	0	0	0
1143																				
1144								0	0	0	0	0	0	0	0	0	0	0	0	0
1145																				
1146					77424479	PTP CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30	30
1147																				
1148						PTP SDD CONFIRMED	SDD	30	30	30	30	30	30	30	30	30	30	30	30	30
1149																				
1150								30	30	30	30	30	30	30	30	30	30	30	30	30
1151																				
1152								30	30	30	30	30	30	30	30	30	30	30	30	30
1153																				
1154						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1155																				
1156						PTP SDD SPECULATION	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1157																				
1158								0	0	0	0	0	0	0	0	0	0	0	0	0
1159																				
1160								0	0	0	0	0	0	0	0	0	0	0	0	0
1161																				
1162					77520585	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
1163																				
1164						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1165																				
1166					77810169	PTP CONFIRMED	ORIGINAL	35	35	35	35	35	0	0	0	0	0	0	0	0
1167																				
1168						PTP SDD CONFIRMED	SDD	35	35	35	35	35	0	0	0	0	0	0	0	0
1169																				
1170								35	35	35	35	35	0	0	0	0	0	0	0	0
1171																				
1172								35	35	35	35	35	0	0	0	0	0	0	0	0
1173																				
1174						PTP SPECULATION	RENEWAL	0	0	0	0	0	35	35	35	35	35	35	35	35
1175																				
1176						PTP SDD SPECULATION	SDD	0	0	0	0	0	35	35	35	35	35	35	35	35
1177																				
1178								0	0	0	0	0	35	35	35	35	35	35	35	35
1179																				
1180								0	0	0	0	0	35	35	35	35	35	35	35	35
1181																				
1182					77810173	PTP CONFIRMED	ORIGINAL	5	0	0	0	0	0	0	0	0	0	0	0	0
1183																				
1184						PTP SDD CONFIRMED	SDD	5	0	0	0	0	0	0	0	0	0	0	0	0
1185																				
1186						PTP SDD SPECULATION	SDD	0	5	5	5	5	5	5	5	5	5	5	5	5
1187																				
1188					78385466	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1189																				
1190						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1191																				
1192					78398821	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1193																				
1194						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1195																				
1196					78720215	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8

**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1197																				
1198					78720311	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1199																				
1200					78720424	PTP CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30	30
1201																				
1202					78720451	PTP CONFIRMED	RENEWAL	146	146	146	146	146	146	146	146	146	146	146	146	146
1203																				
1204					78720471	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1205																				
1206					78720493	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1207																				
1208					78720629	PTP CONFIRMED	RENEWAL	85	85	85	85	85	85	85	85	85	85	85	85	85
1209																				
1210					78720634	PTP CONFIRMED	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75	75
1211																				
1212					78720640	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1213																				
1214					78721010	PTP CONFIRMED	RENEWAL	88	88	88	88	88	88	88	88	88	88	88	88	88
1215																				
1216					79131028	PTP CF CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1217																				
1218					79191196	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1219																				
1220					79191207	PTP CONFIRMED	REDIRECT	56	0	0	0	0	0	0	0	0	0	0	0	0
1221																				
1222						PTP SPECULATION	RENEWAL	0	61	61	61	61	61	61	61	61	61	61	61	61
1223																				
1224					79484622	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1225																				
1226					80122355	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1227																				
1228					80207119	PTP CONFIRMED	RENEWAL	85	85	85	85	85	85	85	85	85	85	85	85	85
1229																				
1230						PTP SDD CONFIRMED	SDD	85	85	85	85	85	85	85	85	85	85	85	85	85
1231																				
1232					80207131	PTP CONFIRMED	RENEWAL	144	144	144	144	144	144	144	144	144	144	144	144	144
1233																				
1234						PTP SDD CONFIRMED	SDD	144	144	144	144	144	144	144	144	144	144	144	144	144
1235																				
1236					80207146	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
1237																				
1238					80320003	PTP CONFIRMED	REDIRECT	70	70	70	70	70	70	70	70	70	70	70	70	70
1239																				
1240					80320010	PTP CONFIRMED	REDIRECT	420	420	420	420	420	420	420	420	420	420	420	420	420
1241																				
1242						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1243																				
1244					80544404	PTP CONFIRMED	RENEWAL	70	70	70	70	70	70	70	70	70	70	70	70	70
1245																				
1246					81137996	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1247																				
1248						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1249																				
1250								0	0	0	0	0	0	0	0	0	0	0	0	0
1251																				
1252						PTP SDD SPECULATION	SDD	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85
1253																				
1254								85	85	85	85	85	85	85	85	85	85	85	85	85
1255																				
1256					81138001	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1257																				
1258						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1259																				
1260								0	0	0	0	0	0	0	0	0	0	0	0	0
1261																				
1262						PTP SDD SPECULATION	SDD	144	144	144	144	144	144	144	144	144	144	144	144	144
1263																				
1264								-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144
1265																				
1266					81157446	PTP CONFIRMED	RENEWAL	222	222	222	222	222	222	222	222	222	222	222	222	222
1267																				
1268					81157458	PTP CONFIRMED	RENEWAL	18	18	18	18	18	18	18	18	18	18	18	18	18

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1269																				
1270					81500823	PTP CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1271																				
1272					81539749	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1273																				
1274					81544421	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1275																				
1276					81749553	PTP CF CONFIRMED	RECALL	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
1277																				
1278					81775769	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1279																				
1280					81829747	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1281																				
1282						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1283																				
1284					81829797	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1285																				
1286						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1287																				
1288								0	0	0	0	0	0	0	0	0	0	0	0	0
1289																				
1290								0	0	0	0	0	0	0	0	0	0	0	0	0
1291																				
1292					81829843	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1293																				
1294						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1295																				
1296								0	0	0	0	0	0	0	0	0	0	0	0	0
1297																				
1298								0	0	0	0	0	0	0	0	0	0	0	0	0
1299																				
1300								0	0	0	0	0	0	0	0	0	0	0	0	0
1301																				
1302								0	0	0	0	0	0	0	0	0	0	0	0	0
1303																				
1304					81840100	PTP CONFIRMED	RENEWAL	21	21	21	21	21	21	21	21	21	21	21	21	21
1305																				
1306					81990216	PTP CONFIRMED	RENEWAL	137	137	137	137	137	137	137	137	137	137	137	137	137
1307																				
1308					82278198	PTP CONFIRMED	RENEWAL	38	38	38	38	38	38	38	38	38	38	38	38	38
1309																				
1310					82471481	PTP CONFIRMED	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75	75
1311																				
1312						PTP SDD CONFIRMED	SDD	75	75	75	75	75	75	75	75	75	75	75	75	75
1313																				
1314						<b>PAC Total</b>		<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>
1315																				
1316					Patu Wind Farm	11875	08TX-13657	74128031	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10
1317																				
1318						<b>Patu Wind Farm Total</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
1319																				
1320					Pend Oreille	10306	02TX-10875	76277018	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
1321																				
1322						PTP SPECULATION	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
1323																				
1324						76277021	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1325																				
1326						PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1327																				
1328						76277025	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1329																				
1330						PTP SPECULATION	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1331																				
1332						76277031	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1333																				
1334						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
1335																				
1336						76277035	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1337																				
1338						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1339																				
1340					76277045	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1341																				
1342						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
1343																				
1344					76277050	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1345																				
1346						PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
1347																				
1348					76277055	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1349																				
1350						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1351																				
1352					76277060	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1353																				
1354						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1355																				
1356					76277063	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1357																				
1358						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1359																				
1360					76277065	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1361																				
1362						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1363																				
1364					76277067	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1365																				
1366						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1367																				
1368					76277086	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1369																				
1370						PTP SPECULATION	RENEWAL	9	9	9	9	9	9	9	9	9	9	9	9	9
1371																				
1372					82150954	PTP CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1373																				
1374																				
1375																				
1376		PGE	10314	09TX-14507	78857909	PTP CONFIRMED	DEFERRAL	45	45	45	45	45	45	45	45	45	45	45	45	45
1377																				
1378					78858032	PTP CF CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1379																				
1380					79042182	PTP CONFIRMED	RENEWAL	250	250	250	250	250	250	250	250	250	250	250	250	250
1381																				
1382					79042267	PTP CONFIRMED	RENEWAL	270	270	270	270	270	270	270	270	270	270	270	270	270
1383																				
1384					79042492	PTP CONFIRMED	RENEWAL	531	531	531	531	531	531	531	531	531	531	531	531	531
1385																				
1386					79058520	PTP CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	150	150	150
1387																				
1388					79058581	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1389																				
1390					79058669	PTP CONFIRMED	RENEWAL	250	250	250	250	250	250	250	250	250	250	250	250	250
1391																				
1392					79099382	PTP CONFIRMED	RENEWAL	160	160	160	160	160	160	160	160	160	160	160	160	160
1393																				
1394					79099396	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1395																				
1396					79099468	PTP CONFIRMED	RENEWAL	161	161	161	161	161	161	161	161	161	161	161	161	161
1397																				
1398					79099506	PTP CONFIRMED	RENEWAL	169	169	169	169	169	169	169	169	169	169	169	169	169
1399																				
1400					79099585	PTP CONFIRMED	RENEWAL	279	279	279	279	279	279	279	279	279	279	279	279	279
1401																				
1402					79109702	PTP CONFIRMED	RENEWAL	131	131	131	131	131	131	131	131	131	131	131	131	131
1403																				
1404					79294957	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
1405																				
1406					79295318	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
1407																				
1408					79593334	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
1409																				
1410					79593338	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5

**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1411																				
1412					79734273	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	300	300	300
1413																				
1414					80394113	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1415																				
1416					80401925	PTP CF CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1417																				
1418					80401947	PTP CF CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1419																				
1420					80401970	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1421																				
1422					80402010	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1423																				
1424					80402046	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1425																				
1426					80402067	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1427																				
1428					80402081	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1429																				
1430					80402096	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1431																				
1432					80402109	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1433																				
1434					81460014	PTP CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1435																				
1436					81460326	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1437																				
1438					81460336	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1439																				
1440					81460381	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1441																				
1442					81460390	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1443																				
1444					81460394	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1445																				
1446					81460417	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1447																				
1448					81460428	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1449																				
1450					81460445	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1451																				
1452					81460466	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1453																				
1454					81800037	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
1455																				
1456					81800040	PTP CF CONFIRMED	RECALL	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
1457																				
1458					81800055	PTP CF CONFIRMED	RECALL	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
1459																				
1460					81800056	PTP CF CONFIRMED	RECALL	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
1461																				
1462					81809488	PTP CF CONFIRMED	RECALL	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
1463																				
1464					81809605	PTP CF CONFIRMED	RECALL	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
1465																				
1466					81809609	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
1467																				
1468					81809611	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
1469																				
1470					81809614	PTP CF CONFIRMED	RECALL	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
1471																				
1472					81809615	PTP CF CONFIRMED	RECALL	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
1473																				
1474					81827800	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1475																				
1476					81827802	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1477																				
1478					81827805	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1479																				
1480					81827807	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1481																				
1482					81827809	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50	50

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
1483																			
1484					81827810	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50
1485																			
1486					81827814	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100
1487																			
1488					81916989	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50
1489																			
1490					81917028	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50
1491																			
1492					81917035	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100
1493																			
1494					81917043	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50
1495																			
1496					81917048	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100
1497																			
1498					81917059	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100
1499																			
1500					81917064	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100
1501																			
1502					82427900	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100
1503																			
1504					82428263	PTP CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100
1505																			
1506					82428277	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50
1507																			
1508				98TX-10174	73970915	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1509																			
1510						PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25
1511																			
1512								<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>	<b>4435</b>
1513																			
1514																			
1515																			
1516																			
1517																			
1518																			
1519																			
1520								<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
1521																			
1522																			
1523																			
1524																			
1525																			
1526								<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
1527																			
1528																			
1529																			
1530																			
1531																			
1532																			
1533																			
1534																			
1535																			
1536																			
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1538																			
1539																			
1540																			
1541																			
1542																			
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1544																			
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1546																			
1547																			
1548																			
1549																			
1550																			
1551																			
1552																			
1553																			
1554																			

**Table 13.2**  
**2018 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1555																				
1556					80595912	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1557																				
1558					81027562	PTP SPECULATION	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1559																				
1560					81535746	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1561																				
1562					81882907	PTP SPECULATION	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1563																				
1564					81954831	PTP CONFIRMED	ORIGINAL	41	41	41	41	41	41	41	0	0	0	0	0	0
1565																				
1566						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	41	41	41	41	41	41
1567																				
1568		<b>Powerex Total</b>						<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>
1569																				
1570		PRC	10317	DE-MS79-95BP94151	422176	PTP SPECULATION	CONVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
1571																				
1572		<b>PRC Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1573																				
1574		Puget	10325	06TX-12195	1471793	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1575																				
1576					1471795	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1577																				
1578					1471797	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1579																				
1580					1471799	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1581																				
1582					1471801	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1583																				
1584					1471803	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1585																				
1586					1473142	PTP CONFIRMED	REDIRECT	250	250	250	250	250	250	250	250	250	250	250	250	250
1587																				
1588					71365495	PTP CONFIRMED	RENEWAL	400	400	400	400	400	400	400	400	400	400	400	400	400
1589																				
1590					71984715	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
1591																				
1592					72706601	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1593																				
1594					72706605	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1595																				
1596					72706606	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1597																				
1598					72706608	PTP CONFIRMED	ORIGINAL	43	43	43	43	43	43	43	43	43	43	43	43	43
1599																				
1600					72813104	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1601																				
1602					73395728	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1603																				
1604					76041854	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1605																				
1606					76041858	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1607																				
1608					76213391	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50	50
1609																				
1610					76213396	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50	50
1611																				
1612					76213399	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50	50
1613																				
1614					76213403	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1615																				
1616					76213405	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
1617																				
1618					76213407	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50	50
1619																				
1620					77286223	PTP CONFIRMED	RENEWAL	100	0	0	0	0	0	0	0	0	0	0	0	0
1621																				
1622					77286231	PTP CONFIRMED	RENEWAL	100	0	0	0	0	0	0	0	0	0	0	0	0
1623																				
1624					77286242	PTP CONFIRMED	RENEWAL	100	0	0	0	0	0	0	0	0	0	0	0	0



**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1625																				
1626					77286250	PTP CONFIRMED	RENEWAL	100	0	0	0	0	0	0	0	0	0	0	0	0
1627						PTP SPECULATION	RENEWAL	0	400	400	400	400	400	400	400	400	400	400	400	400
1628																				
1629					77565922	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1630																				
1631					77565931	PTP CF CONFIRMED	ORIGINAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1632																				
1633					77855235	PTP CONFIRMED	REDIRECT	3	3	3	3	3	3	3	3	3	3	3	3	3
1634																				
1635					77913795	PTP CONFIRMED	RENEWAL	35	35	35	35	35	35	35	35	35	35	35	35	35
1636																				
1637						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1638																				
1639					77913798	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1640																				
1641						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1642																				
1643					78262265	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1644																				
1645					78510643	PTP CONFIRMED	RENEWAL	115	115	115	115	115	115	115	115	115	115	115	115	115
1646																				
1647						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1648																				
1649					78510669	PTP CONFIRMED	ORIGINAL	160	160	160	160	160	160	160	160	160	160	160	160	160
1650																				
1651					78510701	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	300	300	300
1652																				
1653						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1654																				
1655					78510722	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1656																				
1657					78527159	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1658																				
1659					78527166	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1660																				
1661					78527170	PTP CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	150	150	150
1662																				
1663					78527177	PTP CONFIRMED	RENEWAL	263	263	263	263	263	263	263	263	263	263	263	263	263
1664																				
1665						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1666																				
1667					78527185	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1668																				
1669					78527191	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	300	300	300
1670																				
1671					78859254	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1672																				
1673					78859265	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1674																				
1675					78859267	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1676																				
1677					78859275	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1678																				
1679					78859281	PTP CONFIRMED	RENEWAL	55	55	55	55	55	55	55	55	55	55	55	55	55
1680																				
1681					78859285	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1682																				
1683					78859287	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1684																				
1685					78859293	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1686																				
1687					78859294	PTP CONFIRMED	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
1688																				
1689					78859296	PTP CONFIRMED	RENEWAL	36	36	36	36	36	36	36	36	36	36	36	36	36
1690																				
1691					78859299	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
1692																				
1693					78903869	PTP CONFIRMED	RENEWAL	169	169	169	169	169	169	169	169	169	169	169	169	169
1694																				
1695					80518661	PTP CF CONFIRMED	RENEWAL	12	12	12	12	12	12	12	12	12	12	12	12	12
1696																				

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	
1697																				
1698					80701818	PTP CONFIRMED	ORIGINAL	137	137	137	137	137	137	137	137	137	137	137	137	137
1699																				
1700						PTP SDD CONFIRMED	SDD	137	137	137	137	137	137	137	137	137	137	137	137	137
1701																				
1702					80855662	PTP CONFIRMED	RENEWAL	23	23	23	23	23	23	23	23	23	23	23	23	23
1703																				
1704					81233853	PTP CF CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1705																				
1706					81506896	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1707																				
1708					81506901	PTP CONFIRMED	ORIGINAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1709																				
1710					81687654	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1711																				
1712					81687662	PTP CONFIRMED	RENEWAL	94	94	94	94	94	94	94	94	94	94	94	94	94
1713																				
1714					81853128	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1715																				
1716					81853138	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1717																				
1718					81853144	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1719																				
1720					81853154	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1721																				
1722					81853158	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1723																				
1724					81853190	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1725																				
1726					81856467	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1727																				
1728					81856480	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1729																				
1730					81856482	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1731																				
1732					81964408	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
1733																				
1734					81964411	PTP CF CONFIRMED	RECALL	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
1735																				
1736				14-03-45241	1801608	PTP SPECULATION	CONVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
1737																				
1738				DE-MS79-85BP92185	422177	PTP SPECULATION	CONVERSION	32	32	32	32	32	32	32	32	32	32	32	32	32
1739																				
1740						<b>Puget Total</b>		<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>	<b>4520</b>
1741																				
1742						Raft River Energy	11756	07TX-12449	1471160	PTP SDD CONFIRMED	SDD	12	12	12	12	12	12	12	12	12
1743																				
1744																				
1745																				
1746						<b>Raft River Energy Total</b>		<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
1747																				
1748						Sagebrush Power	10874	11TX-15454	80073937	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50
1749																				
1750																				
1751																				
1752						<b>Sagebrush Power Total</b>		<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
1753																				
1754						SC Edison	10361	10TX-14641	75978147	PTP CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30
1755																				
1756																				
1757																				
1758																				
1759																				
1760																				
1761																				
1762																				
1763																				
1764																				
1765																				
1766																				
1767																				
1768																				



**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
1841		Shiloh Warm Springs	13742	15TX-16087	81574081	PTP NO SCD CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
1842																			
1843																			
1844		<b>Shiloh Warm Springs Total</b>						<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
1845																			
1846		SMUD	10341	02TX-11128	77703370	PTP CONFIRMED	DEFERRAL	30	30	30	30	30	30	30	30	30	30	30	30
1847																			
1848																			
1849																			
1850																			
1851																			
1852																			
1853																			
1854					79132005	PTP CONFIRMED	DEFERRAL	30	30	30	30	30	30	30	30	30	30	30	30
1855																			
1856																			
1857																			
1858																			
1859																			
1860																			
1861																			
1862					80652459	PTP CONFIRMED	RECALL	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
1863																			
1864																			
1865																			
1866																			
1867																			
1868																			
1869																			
1870					81832205	PTP CONFIRMED	DEFERRAL	10	10	10	10	10	10	10	10	10	10	10	10
1871																			
1872		<b>SMUD Total</b>						<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>
1873																			
1874		Snohomish	10354	96MS-96092	1800028	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1875																			
1876					1800080	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1877																			
1878					1801078	PTP CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30
1879																			
1880					1801079	PTP CONFIRMED	ORIGINAL	37	37	37	37	37	37	37	37	37	37	37	37
1881																			
1882					1801080	PTP CONFIRMED	ORIGINAL	38	38	38	38	38	38	38	38	38	38	38	38
1883																			
1884					1801081	PTP CONFIRMED	ORIGINAL	39	39	39	39	39	39	39	39	39	39	39	39
1885																			
1886					1801082	PTP CONFIRMED	ORIGINAL	72	72	72	72	72	72	72	72	72	72	72	72
1887																			
1888					1801083	PTP CONFIRMED	ORIGINAL	81	81	81	81	81	81	81	81	81	81	81	81
1889																			
1890					1801084	PTP CONFIRMED	ORIGINAL	85	85	85	85	85	85	85	85	85	85	85	85
1891																			
1892					1801085	PTP CONFIRMED	ORIGINAL	102	102	102	102	102	102	102	102	102	102	102	102
1893																			
1894					1801086	PTP CONFIRMED	ORIGINAL	156	156	156	156	156	156	156	156	156	156	156	156
1895																			
1896					1801087	PTP CONFIRMED	ORIGINAL	247	247	247	247	247	247	247	247	247	247	247	247
1897																			
1898					1801163	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1899																			
1900					1801362	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1901																			
1902					1801500	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1903																			
1904					1801823	PTP CONFIRMED	ORIGINAL	131	131	131	131	131	131	131	131	131	131	131	131
1905																			
1906					72150853	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1907																			
1908					72150855	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1909																			
1910					72150858	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1911																			
1912					72150862	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
1913																			
1914					72150867	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25
1915																			
1916					72150874	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	25	25	25	25	25
1917																			
1918					72150881	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	50	50	50	50	50
1919																			
1920					72436399	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25
1921																			
1922					72436437	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	25	25	25	25	25
1923																			
1924					72566153	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1925																			
1926					72566175	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25
1927																			
1928					72566200	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1929																			
1930					72673396	PTP CONFIRMED	RECALL	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
1931																			
1932					73240347	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1933																			
1934					73240353	PTP CONFIRMED	ORIGINAL	51	51	51	51	51	51	51	51	51	51	51	51
1935																			
1936		<b>Snohomish Total</b>						<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>1969</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>
1937																			
1938		Tacoma Power	10370	98TX-10103	1472937	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1939																			
1940					1800542	PTP CONFIRMED	ORIGINAL	19	19	19	19	19	19	19	19	19	19	19	19
1941																			
1942					1800543	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23
1943																			
1944					1800544	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24
1945																			
1946					1800545	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25
1947																			
1948					1800546	PTP CONFIRMED	ORIGINAL	44	44	44	44	44	44	44	44	44	44	44	44
1949																			
1950					1800547	PTP CONFIRMED	ORIGINAL	52	52	52	52	52	52	52	52	52	52	52	52
1951																			
1952					1800548	PTP CONFIRMED	ORIGINAL	54	54	54	54	54	54	54	54	54	54	54	54
1953																			
1954					1800550	PTP CONFIRMED	ORIGINAL	82	82	82	82	82	82	82	82	82	82	82	82
1955																			
1956					1800551	PTP CONFIRMED	ORIGINAL	99	99	99	99	99	99	99	99	99	99	99	99
1957																			
1958					1800565	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
1959																			
1960					1800566	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
1961																			
1962					1800567	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
1963																			
1964					1800568	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
1965																			
1966					1800569	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1967																			
1968					1800570	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1969																			
1970					1800571	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1971																			
1972					1800572	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
1973																			
1974					1800573	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
1975																			
1976					1800574	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6
1977																			
1978					1801317	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1979																			
1980					1801318	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1981																			
1982					1801319	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
1983																			
1984					1801501	PTP CONFIRMED	ORIGINAL	12	12	12	12	12	12	12	12	12	12	12	12

**Table 13.2  
2018 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
1985																			
1986					75108338	PTP CONFIRMED	ORIGINAL	155	155	155	155	155	155	155	155	155	155	155	155
1987																			
1988					75108469	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64
1989																			
1990					80062905	PTP CONFIRMED	REDIRECT	48	48	48	48	48	48	48	48	48	48	48	48
1991																			
1992					80062909	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10	10	10
1993																			
1994					80062920	PTP CONFIRMED	REDIRECT	3	3	3	3	3	3	3	3	3	3	3	3
1995																			
1996					80062924	PTP CONFIRMED	REDIRECT	56	56	56	56	56	56	56	56	56	56	56	56
1997																			
1998						<b>Tacoma Power Total</b>		<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>
1999																			
2000		Talen Energy	11831	08TX-13030	72408392	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
2001																			
2002					73063071	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
2003																			
2004						<b>Talen Energy Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2005																			
2006		TEMUS	10381	98TX-10172	74623837	PTP CF CONFIRMED	DEFERRAL	0	0	0	0	0	0	0	0	0	0	0	0
2007																			
2008					78976989	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
2009																			
2010					80942698	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
2011																			
2012					80942699	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
2013																			
2014						<b>TEMUS Total</b>		<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>
2015																			
2016		Turlock Irrigation	10386	00TX-10344	77517818	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
2017																			
2018					77517830	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
2019																			
2020						<b>Turlock Irrigation Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2021																			
2022		UAMPS	10427	11TX-15512	77309382	PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0
2023																			
2024						PTP NO SCD CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
2025																			
2026						PTP SDD SPECULATION	SDD	53	53	53	53	53	53	53	53	53	53	53	53
2027																			
2028						PTP NO SCD SPECULATION	RENEWAL	53	53	53	53	53	53	53	53	53	53	53	53
2029																			
2030						<b>UAMPS Total</b>		<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>
2031																			
2032		Unk	0	UNKNOWN	UNKNOWN	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
2033																			
2034								10	10	10	10	10	10	10	10	10	10	10	10
2035																			
2036								0	0	5	5	5	5	5	5	5	5	5	5
2037																			
2038								0	0	0	0	0	0	0	0	0	0	0	0
2039																			
2040						<b>Unk Total</b>		<b>10</b>	<b>10</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
2041																			
2042		Wheat Field Wind	11868	08TX-13610	72458260	PTP CONFIRMED	ORIGINAL	97	97	97	97	97	97	97	97	97	97	97	97
2043																			
2044						<b>Wheat Field Wind Total</b>		<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>
2045																			
2046		<b>PTP NETWORK Total</b>						<b>29645</b>	<b>29645</b>	<b>29654</b>	<b>29654</b>	<b>29654</b>	<b>29654</b>	<b>29654</b>	<b>29754</b>	<b>29904</b>	<b>29904</b>	<b>30104</b>	<b>30104</b>

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
3	IR Contract	Puget	10325	14-03-45241	1801608	IR	LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
6		<b>Puget Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
8	<b>IR Contract Total</b>							<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
10	FPT One-Year	Avista	10016	DE-MS79-85BP92186	453495	WNP-3 Settlement Tx Charge	LEGACY	32	32	32	32	32	32	32	32	32	0	0	0
12		<b>Avista Total</b>						<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>
14		PAC	10300	DE-MS79-94BP94280	422032	FPT 1Yr Long Term Firm	LEGACY	200	200	200	200	200	200	200	200	200	200	200	200
15				DE-MS79-94BP94333	1801200	FPT 1Yr Long Term Firm	LEGACY	35	35	35	35	35	35	35	35	35	35	35	35
18					1801201	FPT 1Yr Long Term Firm	LEGACY	40	40	40	40	40	40	40	40	40	40	40	40
20					1801202	FPT 1Yr Long Term Firm	LEGACY	84	84	84	84	84	84	84	84	84	84	84	84
22					1801203	FPT 1Yr Long Term Firm	LEGACY	241	241	241	241	241	241	241	241	241	241	241	241
24					1801397	FPT 1Yr Long Term Firm	LEGACY	55	55	55	55	55	55	55	55	55	55	55	55
26					1801398	FPT 1Yr Long Term Firm	LEGACY	145	145	145	145	145	145	145	145	145	145	145	145
28		<b>PAC Total</b>						<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>800</b>
30		PRC	10317	DE-MS79-95BP94151	422176	FPT 1Yr Long Term Firm	LEGACY	50	50	50	0	0	0	0	0	0	0	0	0
32		<b>PRC Total</b>						<b>50</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
34		Puget	10325	DE-MS79-85BP92185	422177	WNP-3 Settlement Tx Charge	LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
36		<b>Puget Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
38	<b>FPT One-Year Total</b>							<b>882</b>	<b>882</b>	<b>882</b>	<b>832</b>	<b>832</b>	<b>832</b>	<b>832</b>	<b>832</b>	<b>832</b>	<b>800</b>	<b>800</b>	<b>800</b>
40	FPT Three-Year	Douglas	10135	DE-MS79-80BP90066	(blank)	FPT 1Yr Long Term Firm	LEGACY	2	2	2	2	2	2	2	2	2	2	2	2
42		<b>Douglas Total</b>						<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
44		PAC	10300	14-03-14612	1801204/5	FPT 3Yr Long Term Firm	LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
46							LEGACY	0	0	0	0	0	0	0	0	0	0	0	0
48		<b>PAC Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
50	<b>FPT Three-Year Total</b>							<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
52	MONTANA INTERTIE	PAC	10300	04TX-11722	76116412	IM CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6
54					77400411	IM CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
56						IM SPECULATION	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10
58		<b>PAC Total</b>						<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
60	<b>MONTANA INTERTIE Total</b>							<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
62	SOUTHERN INTERTIE	Avangrid	10302	00TX-10367	1466882	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
64						IS SPECULATION	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15
66					71678981	IS CONFIRMED	ORIGINAL	280	280	280	280	280	280	280	280	280	280	280	280
68					72154100	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
70						IS SPECULATION	RENEWAL	35	35	35	35	35	35	35	35	35	35	35	35
72					72511486	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
74						IS SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3
76					72511519	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
78						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50

**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
80					72511528	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
81						IS SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
82																			
83					73167623	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
84																			
85					73167628	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
86																			
87					73167629	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
88																			
89					73264915	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
90																			
91					73598438	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
92																			
93					75608020	IS SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
94																			
95					76303714	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
96																			
97						IS SPECULATION	RENEWAL	180	180	180	180	180	180	180	180	180	180	180	180
98																			
99					76303727	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
100																			
101						IS SPECULATION	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75
102																			
103					76303731	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
104																			
105						IS SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
106																			
107					76303736	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
108																			
109						IS SPECULATION	RENEWAL	47	47	47	47	47	47	47	47	47	47	47	47
110																			
111					76659161	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
112																			
113						IS SPECULATION	RENEWAL	95	95	95	95	95	95	95	95	95	95	95	95
114																			
115					77719214	IS CONFIRMED	RENEWAL	42	42	42	0	0	0	0	0	0	0	0	0
116																			
117						IS SPECULATION	RENEWAL	0	0	0	42	42	42	42	42	42	42	42	42
118																			
119					78154124	IS CONFIRMED	RENEWAL	30	30	30	30	30	30	30	0	0	0	0	0
120																			
121						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	30	30	30	30	30
122																			
123					81188001	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
124																			
125																			
126						<b>Avangrid Total</b>		<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>	<b>1210</b>
127																			
128					BPA Power	10033	14TX-95363	321873	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
129																			
130						IS SPECULATION	RENEWAL	700	700	700	700	700	700	700	700	700	700	700	700
131																			
132					321874	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
133																			
134					73834974	IS CONFIRMED	ORIGINAL	15	15	15	0	0	0	0	0	0	0	0	0
135																			
136						IS SPECULATION	RENEWAL	0	0	0	15	15	15	15	15	15	15	15	15
137																			
138					73887789	IS CONFIRMED	ORIGINAL	30	30	30	0	0	0	0	0	0	0	0	0
139																			
140						IS SPECULATION	RENEWAL	0	0	0	30	30	30	30	30	30	30	30	30
141																			
142					80522943	IS CONFIRMED	ORIGINAL	50	50	50	0	0	0	0	0	0	0	0	0
143																			
144																			
145																			
146						IS SPECULATION	ORIGINAL	120	120	120	0	0	0	0	0	0	0	0	0
147																			
148																			
149						RENEWAL		0	0	0	50	50	50	50	50	50	50	50	50
150																			
151																			
152						<b>BPA Power Total</b>		<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>	<b>915</b>
153																			
154					Exelon Generation	10849	02TX-11265	78221134	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30
155																			



**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
156					78225336	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30	
157																				
158					78225361	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30	30
159																				
160					78225363	IS CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30	30
161																				
162						<b>Exelon Generation Total</b>		<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
163																				
164						Hermiston Power	10199	98TX-10154	449487	IS CONFIRMED	ORIGINAL	33	33	33	33	33	33	33	33	33
165																				
166									449491	IS CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100
167																				
168									449493	IS CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100
169																				
170									1800038	IS CONFIRMED	ORIGINAL	228	228	228	228	228	228	228	228	228
171																				
172									1801359	IS CONFIRMED	ORIGINAL	75	75	75	75	75	75	75	75	75
173																				
174						<b>Hermiston Power Total</b>		<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>
175																				
176						Morgan Stanley	10264	97TX-10031	1470382	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
177																				
178									1470384	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
179																				
180									1470386	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
181																				
182									1470388	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
183																				
184									1470598	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
185																				
186									1470752	IS CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50
187																				
188									1470754	IS CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15
189																				
190									72398097	IS CONFIRMED	ORIGINAL	85	85	85	85	85	85	85	85	85
191																				
192									75533108	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0
193																				
194										IS SPECULATION	RENEWAL	46	46	46	46	46	46	46	46	46
195																				
196									78454535	IS CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
197																				
198									78676775	IS CONFIRMED	RENEWAL	39	39	39	39	39	39	39	39	39
199																				
200										IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0
201																				
202									80235959	IS CONFIRMED	RENEWAL	74	74	74	74	74	74	74	74	74
203																				
204									80235975	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100
205																				
206									80571459	IS CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10
207																				
208									80571502	IS CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27
209																				
210									80571523	IS CONFIRMED	RENEWAL	73	73	73	73	73	73	73	73	73
211																				
212									82056189	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50
213																				
214									82056214	IS CONFIRMED	RENEWAL	15	15	15	15	15	15	15	15	15
215																				
216									82056220	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50
217																				
218									82056237	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50
219																				
220									82056253	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50
221																				
222						<b>Morgan Stanley Total</b>		<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>
223																				
224						PAC	10300	DE-MS79-94BP94280	79356596	IS CONFIRMED	ORIGINAL	200	200	200	200	200	200	200	200	200
225																				
226									DE-MS79-94BP94285	427472	IS CONFIRMED	ORIGINAL	93	93	93	0	0	0	0	0
227																				
228									866020	IS CONFIRMED	ORIGINAL	71	71	71	0	0	0	0	0	0
229																				
230									80879211	IS CONFIRMED	RECALL	-71	-71	-71	0	0	0	0	0	0
231																				

**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
232					80986294	IS CONFIRMED	RECALL	-93	-93	-93	0	0	0	0	0	0	0	0	0
233																			
234		<b>PAC Total</b>						<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>
235																			
236		Powerex	10037	99TX-10251	75322539	IS SPECULATION	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15
237																			
238					77502254	IS CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
239																			
240						IS SPECULATION	RENEWAL	357	357	357	357	357	357	357	357	357	357	357	357
241																			
242					77543772	IS CONFIRMED	RENEWAL	42	42	42	0	0	0	0	0	0	0	0	0
243																			
244						IS SPECULATION	RENEWAL	0	0	0	42	42	42	42	42	42	42	42	42
245																			
246					77543773	IS CONFIRMED	RENEWAL	286	286	286	0	0	0	0	0	0	0	0	0
247																			
248						IS SPECULATION	RENEWAL	0	0	0	286	286	286	286	286	286	286	286	286
249																			
250					77543781	IS CONFIRMED	RENEWAL	650	650	650	0	0	0	0	0	0	0	0	0
251																			
252						IS SPECULATION	RENEWAL	0	0	0	650	650	650	650	650	650	650	650	650
253																			
254					78710047	IS CONFIRMED	RENEWAL	200	200	200	200	200	200	200	200	200	200	200	200
255																			
256						IS SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
257																			
258					79100585	IS CONFIRMED	RENEWAL	51	51	51	51	51	51	51	51	51	51	51	51
259																			
260					79100588	IS CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	150	150
261																			
262					79461718	IS CONFIRMED	RENEWAL	49	49	49	49	49	49	49	49	49	49	49	49
263																			
264					79848644	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
265																			
266					79855282	IS CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
267																			
268					81352448	IS CONFIRMED	RENEWAL	35	35	35	35	35	35	35	35	35	35	35	35
269																			
270		<b>Powerex Total</b>						<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>	<b>2035</b>
271																			
272		Shell Energy	10122	00TX-10286	72429308	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
273																			
274					72513298	IS CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
275																			
276					72513308	IS CONFIRMED	RENEWAL	20	20	20	20	20	20	20	20	20	20	20	20
277																			
278					72513313	IS CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30
279																			
280		<b>Shell Energy Total</b>						<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>
281																			
282		TEMUS	10381	98TX-10172	77302316	IS CONFIRMED	RENEWAL	100	100	100	0	0	0	0	0	0	0	0	0
283																			
284						IS SPECULATION	RENEWAL	0	0	0	100	100	100	100	100	100	100	100	100
285																			
286					78163252	IS CONFIRMED	RENEWAL	42	42	42	42	42	42	42	0	0	0	0	0
287																			
288						IS SPECULATION	RENEWAL	0	0	0	0	0	0	42	42	42	42	42	42
289																			
290		<b>TEMUS Total</b>						<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>
291																			
292		<b>SOUTHERN INTERTIE Total</b>						<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>	<b>6042</b>
293																			
294	<b>PTP NETWORK</b>	Alcoa	10007	01TX-10630	77208409	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
295																			
296						PTP SPECULATION	RENEWAL	26	26	26	26	26	26	26	26	26	26	26	26
297																			
298					77208424	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
299																			
300						PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
301																			
302					77208444	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
303																			
304						PTP SPECULATION	RENEWAL	9	9	9	9	9	9	9	9	9	9	9	9
305																			
306					77208559	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
307																			

**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
308						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3
309																			
310					77208633	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
311																			
312						PTP SPECULATION	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11
313																			
314					77208648	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
315																			
316						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3
317																			
318					77208654	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
319																			
320						PTP SPECULATION	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11
321																			
322					77208661	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
323																			
324						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3
325																			
326					77208675	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
327																			
328						PTP SPECULATION	RENEWAL	39	39	39	39	39	39	39	39	39	39	39	39
329																			
330					77208678	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
331																			
332						PTP SPECULATION	RENEWAL	12	12	12	12	12	12	12	12	12	12	12	12
333																			
334					77208698	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
335																			
336						PTP SPECULATION	RENEWAL	22	22	22	22	22	22	22	22	22	22	22	22
337																			
338					77208709	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
339																			
340						PTP SPECULATION	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7
341																			
342					77208846	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
343																			
344						PTP SPECULATION	RENEWAL	26	26	26	26	26	26	26	26	26	26	26	26
345																			
346					77208855	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
347																			
348						PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
349																			
350					77208882	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
351																			
352						PTP SPECULATION	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11
353																			
354					77208899	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
355																			
356						PTP SPECULATION	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3
357																			
358					77208909	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
359																			
360						PTP SPECULATION	RENEWAL	31	31	31	31	31	31	31	31	31	31	31	31
361																			
362					77208934	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
363																			
364						PTP SPECULATION	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10
365																			
366					77208962	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
367																			
368						PTP SPECULATION	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75
369																			
370					77208965	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
371																			
372						PTP SPECULATION	RENEWAL	23	23	23	23	23	23	23	23	23	23	23	23
373																			
374					77208977	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
375																			
376						PTP SPECULATION	RENEWAL	47	47	47	47	47	47	47	47	47	47	47	47
377																			
378					77208984	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
379																			
380						PTP SPECULATION	RENEWAL	15	15	15	15	15	15	15	15	15	15	15	15
381																			
382																			
						<b>Alcoa Total</b>		<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>	<b>403</b>

**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
383																				
384		Arlington	11768	07TX-12526	72296939	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
385																				
386		<b>Arlington Total</b>						<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
387																				
388		Avangrid	10302	00TX-10367	75402686	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
389																				
390					75648187	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
391																				
392					75648199	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
393																				
394						PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
395																				
396					75648234	PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
397																				
398					77079897	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
399																				
400						PTP SPECULATION	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	100
401																				
402					77079910	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
403																				
404						PTP SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
405																				
406					77410538	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
407																				
408						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
409																				
410						PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
411																				
412						PTP SDD SPECULATION	SDD	25	25	25	25	25	25	25	25	25	25	25	25	25
413																				
414					77410542	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
415																				
416						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
417																				
418						PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
419																				
420						PTP SDD SPECULATION	SDD	25	25	25	25	25	25	25	25	25	25	25	25	25
421																				
422					77410610	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
423																				
424						PTP SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
425																				
426					77895741	PTP CONFIRMED	ORIGINAL	21	21	21	21	21	21	21	21	21	21	21	21	21
427																				
428					78287943	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	0	0	0	0
429																				
430						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	50	50	50	50	50
431																				
432					78577161	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24	24
433																				
434					79946068	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
435																				
436					79946083	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
437																				
438					79946085	PTP CONFIRMED	DEFERRAL	25	25	25	25	25	25	25	25	25	25	25	25	25
439																				
440					80156358	PTP CONFIRMED	RENEWAL	21	21	21	21	21	21	21	21	21	21	21	21	21
441																				
442					80818877	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20	20
443																				
444					80818881	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20	20
445																				
446					80818885	PTP CONFIRMED	DEFERRAL	20	20	20	20	20	20	20	20	20	20	20	20	20
447																				
448					81003216	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
449																				
450					81003258	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
451																				
452					81003319	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
453																				
454					81003377	PTP CONFIRMED	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25	25
455																				
456					81723592	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
457																				
458					81820705	PTP SPECULATION	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100	100



**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
535																				
536					71821291	PTP CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6	6
537																				
538					71821795	PTP CONFIRMED	REDIRECT	6	6	6	6	6	6	6	6	6	6	6	6	6
539																				
540		<b>Benton PUD Total</b>						<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	
541																				
542		BPA Power	10033	14TX-95363	321890	PTP CONFIRMED	ORIGINAL	90	90	90	90	90	90	90	90	90	90	90	90	
543																				
544					1469289	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
545																				
546						PTP SPECULATION	RENEWAL	300	300	300	300	300	300	300	300	300	300	300	300	
547																				
548					1469291	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
549																				
550						PTP SPECULATION	RENEWAL	88	88	88	88	88	88	88	88	88	88	88	88	
551																				
552					1470201	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
553																				
554						PTP SPECULATION	RENEWAL	109	109	109	109	109	109	109	109	109	109	109	109	
555																				
556					1800097	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
557																				
558					1800100	PTP CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10	10
559																				
560					1800103	PTP CONFIRMED	ORIGINAL	11	11	11	11	11	11	11	11	11	11	11	11	11
561																				
562					1800106	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15	15
563																				
564					1800109	PTP CONFIRMED	ORIGINAL	17	17	17	17	17	17	17	17	17	17	17	17	17
565																				
566					1800112	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23	23
567																				
568					1800115	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23	23
569																				
570					1800118	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23	23
571																				
572					1800121	PTP CONFIRMED	ORIGINAL	27	27	27	27	27	27	27	27	27	27	27	27	27
573																				
574					1800124	PTP CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30	30
575																				
576					1800127	PTP CONFIRMED	ORIGINAL	48	48	48	48	48	48	48	48	48	48	48	48	48
577																				
578					1800130	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64	64
579																				
580					1800133	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64	64
581																				
582					1800137	PTP CONFIRMED	ORIGINAL	287	287	287	287	287	287	287	287	287	287	287	287	287
583																				
584					77078601	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
585																				
586						PTP SPECULATION	RENEWAL	17	17	17	17	17	17	17	17	17	17	17	17	17
587																				
588					77078633	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
589																				
590						PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
591																				
592					77176374	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
593																				
594					77176386	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25	25
595																				
596					78395391	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
597																				
598					79471716	PTP CONFIRMED	RENEWAL	53	53	53	53	53	53	53	53	53	53	53	53	53
599																				
600					79497143	PTP CONFIRMED	RENEWAL	116	116	116	116	116	116	116	116	116	116	116	116	116
601																				
602					79647304	PTP CONFIRMED	RENEWAL	297	297	297	297	297	297	297	297	297	297	297	297	297
603																				
604					79879849	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24	24
605																				
606					96MS-96060	Multiple	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
607																				
608						PTP SPECULATION	RENEWAL	665	665	665	665	665	665	665	665	665	665	665	665	665
609																				
610		<b>BPA Power Total</b>						<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>	<b>2460</b>

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
611		Chelan	10050	01TX-10714	72041989	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
612																			
613		<b>Chelan Total</b>						<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
614																			
615		Clark	10103	02TX-11177	73198880	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
616					73198888	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
617					73198892	PTP SPECULATION	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25
618					73198896	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
619					81435045	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25
620																			
621		<b>Clark Total</b>						<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
622																			
623		Clatskanie	10105	01TX-10649	1321619	PTP CONFIRMED	ORIGINAL	9	9	9	9	9	9	9	9	9	9	9	9
624					1321623	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5
625					1321630	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5
626					1321632	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5
627					1321634	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
628					1800705	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4
629					1800709	PTP CONFIRMED	ORIGINAL	5	5	5	5	5	5	5	5	5	5	5	5
630					1800717	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6
631					1800721	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6
632					1800725	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6
633					1800729	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7
634					1800735	PTP CONFIRMED	ORIGINAL	14	14	14	14	14	14	14	14	14	14	14	14
635					1800737	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15
636					1800740	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23
637					1800741	PTP CONFIRMED	ORIGINAL	36	36	36	36	36	36	36	36	36	36	36	36
638		<b>Clatskanie Total</b>						<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>	<b>147</b>
639																			
640		EDF Renewable	11822	08TX-13169	81775129	PTP SPECULATION	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50
641					81775139	PTP CONFIRMED	DEFERRAL	50	50	50	50	50	50	50	50	50	50	50	50
642																			
643		<b>EDF Renewable Total</b>						<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
644																			
645		Eurus Comb	11021	09TX-14147	73473061	PTP CONFIRMED	REDIRECT	62	62	62	62	62	62	62	62	62	62	62	62
646																			
647		<b>Eurus Comb Total</b>						<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>
648																			
649		Finley Bioenergy	11122	07TX-12488	71689868	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4
650					71915090	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
651																			
652		<b>Finley Bioenergy Total</b>						<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
653																			
654		Franklin County	10183	97TX-10043	1466591	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
655					1468490	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
656					1469388	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4
657					1471445	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10	10	10
658					1472430	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5
659						PTP SDD CONFIRMED	SDD	5	5	5	5	5	5	5	5	5	5	5	5

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
687																			
688					1801660	PTP CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8	8	8
689					1801665	PTP CONFIRMED	ORIGINAL	27	27	27	27	27	27	27	27	27	27	27	27
690					1801670	PTP CONFIRMED	ORIGINAL	17	17	17	17	17	17	17	17	17	17	17	17
691					1801675	PTP CONFIRMED	ORIGINAL	42	42	42	42	42	42	42	42	42	42	42	42
692					1801685	PTP CONFIRMED	ORIGINAL	22	22	22	22	22	22	22	22	22	22	22	22
693					1801690	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6
694					1801695	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7
695					1801700	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7
696					1801705	PTP CONFIRMED	ORIGINAL	15	15	15	15	15	15	15	15	15	15	15	15
697					1801710	PTP CONFIRMED	ORIGINAL	14	14	14	14	14	14	14	14	14	14	14	14
698					71630464	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4
699																			
700																			
701																			
702																			
703																			
704																			
705																			
706																			
707																			
708																			
709																			
710								<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>	<b>198</b>
711																			
712																			
713																			
714																			
715								<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
716																			
717																			
718																			
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750																			
751																			
752																			
753								<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>
754																			
755																			
756																			
757																			
758																			



**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
759																				
760		Idaho Power Company	10205	12TX-15618	77108132	PTP SDD CONFIRMED	SDD	3	3	3	3	3	3	3	3	3	3	3	3	3
761																				
762							PTP NO SCD CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
763																				
764					77108133	PTP SDD CONFIRMED	SDD	4	4	4	4	4	4	4	4	4	4	4	4	4
765																				
766							PTP NO SCD CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4
767																				
768					81816284	PTP CONFIRMED	ORIGINAL	53	53	53	53	53	53	53	53	53	53	53	53	53
769																				
770					81816309	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	7
771																				
772				13TX-15768	77443011	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
773																				
774							PTP SPECULATION	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50
775																				
776					77443034	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
777																				
778							PTP SPECULATION	RENEWAL	25	25	25	25	25	25	25	25	25	25	25	25
779																				
780					77443090	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
781																				
782							PTP SPECULATION	RENEWAL	37	37	37	37	37	37	37	37	37	37	37	37
783																				
784				96MS-96108	1801396	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
785																				
786					1801478	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
787																				
788					1801489	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
789																				
790						<b>Idaho Power Company Total</b>		<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>
791																				
792		JC-B	13140	13TX-15809	78685544	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
793																				
794					81319697	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
795																				
796						<b>JC-B Total</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
797																				
798		Kaiser Alum WA	12077	11TX-15371	76231445	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
799																				
800					77478544	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
801																				
802							PTP SPECULATION	RENEWAL	45	45	45	45	45	45	45	45	45	45	45	45
803																				
804					81418510	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
805																				
806						<b>Kaiser Alum WA Total</b>		<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
807																				
808		Klickitat	10231	97TX-10038	71458722	PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
809																				
810					71458755	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
811																				
812					71458756	PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
813																				
814					71458757	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
815																				
816					71458761	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
817																				
818					71458763	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
819																				
820					71458764	PTP SPECULATION	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
821																				
822					71458766	PTP SPECULATION	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
823																				
824					71458768	PTP SPECULATION	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
825																				
826					71458771	PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
827																				
828					71458800	PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
829																				
830					71458801	PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
831																				
832					71458804	PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
833																				
834					71458809	PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
835																				
836					71458810	PTP SPECULATION	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
837																				
838					71460099	PTP SPECULATION	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
839																				
840					77124569	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
841																				
842					77124571	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
843																				
844					77124572	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
845																				
846					77124573	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
847																				
848					77124575	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
849																				
850					77124578	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
851																				
852					77124579	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
853																				
854					77124581	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
855																				
856					77124582	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
857																				
858					77124583	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
859																				
860					77124585	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
861																				
862					77124586	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
863																				
864					77124588	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
865																				
866					77124590	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
867																				
868					77124591	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
869																				
870					77128633	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
871																				
872					79467143	PTP CONFIRMED	ORIGINAL	11	11	11	11	11	11	0	0	0	0	0	0	0
873																				
874						PTP SDD CONFIRMED	SDD	11	11	11	11	11	11	0	0	0	0	0	0	0
875																				
876						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	11	11	11	11	11	11	11
877																				
878						PTP SDD SPECULATION	RENEWAL	0	0	0	0	0	0	11	11	11	11	11	11	11
879																				
880						<b>Klickitat Total</b>		<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>
881																				
882					L & M	11703	06TX-12244	72873760	PTP NO SCD CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1
883																				
884					<b>L &amp; M Total</b>			<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
885																				
886					LADWP	10241	02TX-10944	73198926	PTP SPECULATION	ORIGINAL	72	72	72	72	72	72	72	72	72	72
887																				
888						78459737	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	0	0
889																				
890																				
891																				
892						78459759	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	0	0
893																				
894																				
895																				
896						78459765	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	0	0
897																				
898																				
899																				
900						78459768	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	0	0
901																				
902																				
903																				
904						78459775	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	0	0
905																				
906																				
907																				
908						78459780	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	0	0
909																				
910																				

**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
911					80133002	PTP CONFIRMED	RENEWAL	20	20	20	20	20	20	20	20	20	20	20	20
912					80751162	PTP CONFIRMED	ORIGINAL	20	20	20	20	20	20	20	20	20	20	20	20
913					81657606	PTP CONFIRMED	ORIGINAL	72	72	72	72	72	72	72	72	72	72	72	72
914					82360420	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
915																			
916																			
917																			
918																			
919																			
920																			
921																			
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978																			
979																			
980																			
981																			
982																			
983																			
984																			
985																			
986																			
						<b>LADWP Total</b>		<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>	<b>534</b>
						<b>Lower Valley Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
						<b>Middle Fork Total</b>		<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
						<b>Northern Wasco Total</b>		<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
						<b>Okanogan PUD Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
987																				
988					81631205	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
989					81631211	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
990					81631214	PTP CONFIRMED	RENEWAL	13	13	13	13	13	13	13	13	13	13	13	13	13
991					81631218	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
992					81631223	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
993					81631231	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
994					81631238	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
995					81631243	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
996					81631249	PTP CONFIRMED	RENEWAL	2	2	2	2	2	2	2	2	2	2	2	2	2
997					81631259	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	5
998					81631272	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
999					81631276	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1000					81631279	PTP CONFIRMED	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	3
1001					81631286	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1002					81631295	PTP CONFIRMED	RENEWAL	11	11	11	11	11	11	11	11	11	11	11	11	11
1003					81631297	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1004					81631303	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1005					81631311	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
1006					81631313	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1007					81631317	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1008					81631330	PTP CONFIRMED	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1009					81631333	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1010					81631334	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1011					81631338	PTP CONFIRMED	RENEWAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1012					<b>Okanogan PUD Total</b>			<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>
1013					Orion Energy	10816	03TX-11574	1413428	PTP SPECULATION	ORIGINAL	200	200	200	200	200	200	200	200	200	200
1014					<b>Orion Energy Total</b>			<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>
1015					Outback Solar	11951	11TX-15513	77311998	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0
1016									PTP SPECULATION	RENEWAL	5	5	5	5	5	5	5	5	5	5
1017					<b>Outback Solar Total</b>			<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
1018					PAC	10300	04TX-11722	72510734	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50
1019								72513702	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50
1020								72604325	PTP CONFIRMED	REDIRECT	80	80	80	80	80	80	80	80	80	80
1021								75397855	PTP CONFIRMED	REDIRECT	100	100	100	100	100	100	100	100	100	100
1022								75503469	PTP CONFIRMED	REDIRECT	250	250	250	250	250	250	250	250	250	250
1023								75503471	PTP CONFIRMED	REDIRECT	70	70	70	70	70	70	70	70	70	70
1024								75766088	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
1025									PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1

**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1063																			
1064					75819074	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1065						PTP SPECULATION	RENEWAL	28	28	28	28	28	28	28	28	28	28	28	28
1066																			
1067					75841669	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1068						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1
1069																			
1070																			
1071					76106891	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1072						PTP SPECULATION	RENEWAL	4	4	4	4	4	4	4	4	4	4	4	4
1073																			
1074					76145322	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1075																			
1076					76191343	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1077						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0
1078						PTP SDD SPECULATION	SDD	40	40	40	40	40	40	40	40	40	40	40	40
1079																			
1080					76382678	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0
1081																			
1082					76522087	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1083						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0
1084																			
1085					76970392	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1086						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1
1087																			
1088					77119166	PTP CF CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0
1089						PTP CF SPECULATION	RENEWAL	88	88	88	88	88	88	88	88	88	88	88	88
1090																			
1091					77322753	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1092						PTP SPECULATION	RENEWAL	87	87	87	87	87	87	87	87	87	87	87	87
1093																			
1094					77322823	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1095						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0
1096																			
1097																			
1098																			
1099																			
1100																			
1101																			
1102																			
1103																			
1104																			
1105																			
1106																			
1107																			
1108																			
1109																			
1110						PTP SDD SPECULATION	SDD	5	5	5	5	5	5	5	5	5	5	5	5
1111																			
1112																			
1113																			
1114																			
1115																			
1116					77322834	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1117																			
1118					77424318	PTP CONFIRMED	RENEWAL	120	120	0	0	0	0	0	0	0	0	0	0
1119						PTP SDD CONFIRMED	SDD	120	120	0	0	0	0	0	0	0	0	0	0
1120																			
1121																			
1122																			
1123																			
1124																			
1125																			
1126						PTP SDD SPECULATION	SDD	0	0	120	120	120	120	120	120	120	120	120	120
1127																			
1128																			
1129																			
1130																			
1131																			
1132					77424414	PTP CONFIRMED	RENEWAL	190	190	0	0	0	0	0	0	0	0	0	0
1133						PTP SDD CONFIRMED	SDD	190	190	0	0	0	0	0	0	0	0	0	0
1134																			
1135																			
1136																			
1137																			
1138																			

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1139																			
1140						PTP SDD SPECULATION	SDD	0	0	190	190	190	190	190	190	190	190	190	190
1141																			
1142								0	0	190	190	190	190	190	190	190	190	190	190
1143																			
1144								0	0	190	190	190	190	190	190	190	190	190	190
1145																			
1146					77424479	PTP CONFIRMED	RENEWAL	30	30	0	0	0	0	0	0	0	0	0	0
1147																			
1148						PTP SDD CONFIRMED	SDD	30	30	0	0	0	0	0	0	0	0	0	0
1149																			
1150								30	30	0	0	0	0	0	0	0	0	0	0
1151																			
1152								30	30	0	0	0	0	0	0	0	0	0	0
1153																			
1154						PTP SPECULATION	RENEWAL	0	0	340	340	340	340	340	340	340	340	340	340
1155																			
1156						PTP SDD SPECULATION	SDD	0	0	30	30	30	30	30	30	30	30	30	30
1157																			
1158								0	0	30	30	30	30	30	30	30	30	30	30
1159																			
1160								0	0	30	30	30	30	30	30	30	30	30	30
1161																			
1162					77520585	PTP CONFIRMED	RENEWAL	2	2	2	0	0	0	0	0	0	0	0	0
1163																			
1164						PTP SPECULATION	RENEWAL	0	0	0	10	10	10	10	10	10	10	10	10
1165																			
1166					77810169	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1167																			
1168						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0
1169																			
1170								0	0	0	0	0	0	0	0	0	0	0	0
1171																			
1172								0	0	0	0	0	0	0	0	0	0	0	0
1173																			
1174						PTP SPECULATION	RENEWAL	35	35	35	35	35	35	35	35	35	35	35	35
1175																			
1176						PTP SDD SPECULATION	SDD	35	35	35	35	35	35	35	35	35	35	35	35
1177																			
1178								35	35	35	35	35	35	35	35	35	35	35	35
1179																			
1180								35	35	35	35	35	35	35	35	35	35	35	35
1181																			
1182					77810173	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1183																			
1184						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0
1185																			
1186						PTP SDD SPECULATION	SDD	5	5	5	5	5	5	5	5	5	5	5	5
1187																			
1188					78385466	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	0	0	0
1189																			
1190						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	100	100	100
1191																			
1192					78398821	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	0
1193																			
1194						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	10
1195																			
1196					78720215	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
1197																			
1198					78720311	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8
1199																			
1200					78720424	PTP CONFIRMED	RENEWAL	30	30	30	30	30	30	30	30	30	30	30	30
1201																			
1202					78720451	PTP CONFIRMED	RENEWAL	146	146	146	146	146	146	146	146	146	146	146	146
1203																			
1204					78720471	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
1205																			
1206					78720493	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100
1207																			
1208					78720629	PTP CONFIRMED	RENEWAL	85	85	85	85	85	85	85	85	85	85	85	85
1209																			
1210					78720634	PTP CONFIRMED	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75

**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

2	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
1211																				
1212					78720640	PTP CONFIRMED	RENEWAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1213																				
1214					78721010	PTP CONFIRMED	RENEWAL	88	88	88	88	88	88	88	88	88	88	88	88	88
1215																				
1216					79131028	PTP CF CONFIRMED	ORIGINAL	8	8	8	0	0	0	0	0	0	0	0	0	0
1217																				
1218					79191196	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1219																				
1220					79191207	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1221																				
1222						PTP SPECULATION	RENEWAL	61	61	61	61	61	61	61	61	61	61	61	61	61
1223																				
1224					79484622	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1225																				
1226					80122355	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1227																				
1228					80207119	PTP CONFIRMED	RENEWAL	85	85	85	85	85	85	85	85	85	85	85	85	85
1229																				
1230						PTP SDD CONFIRMED	SDD	85	85	85	85	85	85	85	85	85	85	85	85	85
1231																				
1232					80207131	PTP CONFIRMED	RENEWAL	144	144	144	144	144	144	144	144	144	144	144	144	144
1233																				
1234						PTP SDD CONFIRMED	SDD	144	144	144	144	144	144	144	144	144	144	144	144	144
1235																				
1236					80207146	PTP CONFIRMED	RENEWAL	6	6	6	6	6	6	6	6	6	6	6	6	6
1237																				
1238					80320003	PTP CONFIRMED	REDIRECT	70	70	70	70	70	70	70	70	70	70	70	70	70
1239																				
1240					80320010	PTP CONFIRMED	REDIRECT	420	420	420	420	420	420	420	420	420	420	420	420	420
1241																				
1242						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1243																				
1244					80544404	PTP CONFIRMED	RENEWAL	70	70	70	70	70	70	70	70	70	70	70	70	70
1245																				
1246					81137996	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1247																				
1248						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1249																				
1250								0	0	0	0	0	0	0	0	0	0	0	0	0
1251																				
1252						PTP SDD SPECULATION	SDD	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85
1253																				
1254								85	85	85	85	85	85	85	85	85	85	85	85	85
1255																				
1256					81138001	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0
1257																				
1258						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	0	0
1259																				
1260								0	0	0	0	0	0	0	0	0	0	0	0	0
1261																				
1262						PTP SDD SPECULATION	SDD	144	144	144	144	144	144	144	144	144	144	144	144	144
1263																				
1264								-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144
1265																				
1266					81157446	PTP CONFIRMED	RENEWAL	222	222	222	222	222	222	222	222	222	222	222	222	222
1267																				
1268					81157458	PTP CONFIRMED	RENEWAL	18	18	18	18	18	18	18	18	18	18	18	18	18
1269																				
1270					81500823	PTP CONFIRMED	ORIGINAL	8	8	8	0	0	0	0	0	0	0	0	0	0
1271																				
1272					81539749	PTP CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1273																				
1274					81544421	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	0	0	0
1275																				
1276					81749553	PTP CF CONFIRMED	RECALL	-8	-8	-8	0	0	0	0	0	0	0	0	0	0
1277																				
1278					81775769	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	40
1279																				
1280					81829747	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	1	0
1281																				
1282						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	1
1283																				
1284					81829797	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	85	85
1285																				
1286						PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0	0	0	-85	-85

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
1287																				
1288								0	0	0	0	0	0	0	0	0	0	-85	-85	
1289																				
1290								0	0	0	0	0	0	0	0	0	0	85	85	
1291					81829843	PTP CONFIRMED	REDIRECT													
1292								0	0	0	0	0	0	0	0	0	0	144	144	
1293																				
1294						PTP SDD CONFIRMED	SDD													
1295								0	0	0	0	0	0	0	0	0	0	-144	-144	
1296								0	0	0	0	0	0	0	0	0	0	144	144	
1297																				
1298								0	0	0	0	0	0	0	0	0	0	144	144	
1299																				
1300								0	0	0	0	0	0	0	0	0	0	-144	-144	
1301																				
1302								0	0	0	0	0	0	0	0	0	0	144	144	
1303																				
1304					81840100	PTP CONFIRMED	RENEWAL	21	21	21	21	21	21	21	21	21	21	21	21	21
1305																				
1306					81990216	PTP CONFIRMED	RENEWAL	137	137	137	137	137	137	137	137	137	137	137	137	137
1307																				
1308					82278198	PTP CONFIRMED	RENEWAL	38	38	38	38	38	38	38	38	38	38	38	38	38
1309																				
1310					82471481	PTP CONFIRMED	RENEWAL	75	75	75	75	75	75	75	75	75	75	75	75	75
1311																				
1312						PTP SDD CONFIRMED	SDD													
1313																				
1314						<b>PAC Total</b>		<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>4860</b>	<b>5148</b>	<b>5148</b>	
1315																				
1316					Patu Wind Farm	11875	08TX-13657	74128031	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10
1317																				
1318						<b>Patu Wind Farm Total</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	
1319																				
1320					Pend Oreille	10306	02TX-10875	76277018	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0
1321																				
1322																				
1323																				
1324																				
1325																				
1326																				
1327																				
1328																				
1329																				
1330																				
1331																				
1332																				
1333																				
1334																				
1335																				
1336																				
1337																				
1338																				
1339																				
1340																				
1341																				
1342																				
1343																				
1344																				
1345																				
1346																				
1347																				
1348																				
1349																				
1350																				
1351																				
1352																				
1353																				
1354																				
1355																				
1356																				
1357																				
1358																				
1359																				
1360																				
1361																				
1362																				



**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
1363																				
1364					76277067	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1365						PTP SPECULATION	RENEWAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1366																				
1367					76277086	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0	0
1368						PTP SPECULATION	RENEWAL	9	9	9	9	9	9	9	9	9	9	9	9	9
1369																				
1370																				
1371																				
1372					82150954	PTP CONFIRMED	ORIGINAL	8	8	8	8	8	8	8	8	8	8	8	8	8
1373																				
1374		<b>Pend Oreille Total</b>						<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>
1375																				
1376		PGE	10314	09TX-14507	78857909	PTP CONFIRMED	DEFERRAL	45	45	45	45	45	45	45	45	45	45	45	45	45
1377																				
1378					78858032	PTP CF CONFIRMED	DEFERRAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1379																				
1380					79042182	PTP CONFIRMED	RENEWAL	250	250	250	250	250	250	250	250	250	250	250	250	250
1381																				
1382					79042267	PTP CONFIRMED	RENEWAL	270	270	270	270	270	270	270	270	270	270	270	270	270
1383																				
1384					79042492	PTP CONFIRMED	RENEWAL	531	531	531	531	531	531	531	531	531	531	531	531	531
1385																				
1386					79058520	PTP CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	150	150	150
1387																				
1388					79058581	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1389																				
1390					79058669	PTP CONFIRMED	RENEWAL	250	250	250	250	250	250	250	250	250	250	250	250	250
1391																				
1392					79099382	PTP CONFIRMED	RENEWAL	160	160	160	160	160	160	160	160	160	160	160	160	160
1393																				
1394					79099396	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	27
1395																				
1396					79099468	PTP CONFIRMED	RENEWAL	161	161	161	161	161	161	161	161	161	161	161	161	161
1397																				
1398					79099506	PTP CONFIRMED	RENEWAL	169	169	169	169	169	169	169	169	169	169	169	169	169
1399																				
1400					79099585	PTP CONFIRMED	RENEWAL	279	279	279	279	279	279	279	279	279	279	279	279	279
1401																				
1402					79109702	PTP CONFIRMED	RENEWAL	131	131	131	131	131	131	131	131	131	131	131	131	131
1403																				
1404					79294957	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
1405																				
1406					79295318	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
1407																				
1408					79593334	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
1409																				
1410					79593338	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5	5
1411																				
1412					79734273	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	300	300	300
1413																				
1414					80394113	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1415																				
1416					80401925	PTP CF CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7	7
1417																				
1418					80401947	PTP CF CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1419																				
1420					80401970	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1421																				
1422					80402010	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1423																				
1424					80402046	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1425																				
1426					80402067	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1427																				
1428					80402081	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1429																				
1430					80402096	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1431																				
1432					80402109	PTP CF CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1433																				
1434					81460014	PTP CONFIRMED	ORIGINAL	10	10	10	10	10	10	10	10	10	10	10	10	10
1435																				
1436					81460326	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25



**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1513																			
1514		PNGC	10298	15TX-16091	80767518	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6
1515																			
1516					UNKNOWN	PTP SPECULATION	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
1517																			
1518								3	3	3	3	3	3	3	3	3	3	3	3
1519																			
1520		<b>PNGC Total</b>						<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
1521																			
1522		POTB	13227	13TX-15849	78391247	PTP CONFIRMED	DEFERRAL	1	1	1	1	1	1	1	1	1	1	1	1
1523																			
1524						PTP SDD CONFIRMED	SDD	1	1	1	1	1	1	1	1	1	1	1	1
1525																			
1526		<b>POTB Total</b>						<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
1527																			
1528		Powerex	10037	96MS-96084	1465922	PTP CONFIRMED	ORIGINAL	230	230	230	230	230	230	230	230	230	230	230	230
1529																			
1530				99TX-10251	74490405	PTP CONFIRMED	RENEWAL	12	12	12	12	12	12	12	12	12	12	12	12
1531																			
1532						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1533																			
1534					75753552	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1535																			
1536					77105600	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1537																			
1538						PTP SPECULATION	RENEWAL	102	102	102	102	102	102	102	102	102	102	102	102
1539																			
1540					77478534	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1541																			
1542						PTP SPECULATION	RENEWAL	80	80	80	80	80	80	80	80	80	80	80	80
1543																			
1544					77821635	PTP CONFIRMED	RENEWAL	125	125	125	125	0	0	0	0	0	0	0	0
1545																			
1546					77821638	PTP CONFIRMED	RENEWAL	75	75	75	75	0	0	0	0	0	0	0	0
1547																			
1548						PTP SPECULATION	RENEWAL	0	0	0	0	75	75	75	75	75	75	75	75
1549																			
1550					80180555	PTP CONFIRMED	RENEWAL	348	348	348	348	348	348	348	348	348	348	348	348
1551																			
1552					80380906	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1553																			
1554					80595600	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0
1555																			
1556					80595912	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0
1557																			
1558					81027562	PTP SPECULATION	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1559																			
1560					81535746	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1561																			
1562					81882907	PTP SPECULATION	REDIRECT	0	0	0	0	125	125	125	125	125	125	125	125
1563																			
1564					81954831	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0	0	0	0
1565																			
1566						PTP SPECULATION	RENEWAL	41	41	41	41	41	41	41	41	41	41	41	41
1567																			
1568		<b>Powerex Total</b>						<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>	<b>1163</b>
1569																			
1570		PRC	10317	DE-MS79-95BP94151	422176	PTP SPECULATION	CONVERSION	0	0	0	50	50	50	50	50	50	50	50	50
1571																			
1572		<b>PRC Total</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
1573																			
1574		Puget	10325	06TX-12195	1471793	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
1575																			
1576					1471795	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
1577																			
1578					1471797	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
1579																			
1580					1471799	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
1581																			
1582					1471801	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
1583																			
1584					1471803	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
1585																			
1586					1473142	PTP CONFIRMED	REDIRECT	250	250	250	250	250	250	250	250	250	250	250	250
1587																			
1588					71365495	PTP CONFIRMED	RENEWAL	400	400	400	400	400	400	400	400	400	400	400	400

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1589																			
1590					71984715	PTP CONFIRMED	REDIRECT	5	5	5	5	5	5	5	5	5	5	5	5
1591																			
1592					72706601	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1593																			
1594					72706605	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100
1595																			
1596					72706606	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1597																			
1598					72706608	PTP CONFIRMED	ORIGINAL	43	43	43	43	43	43	43	43	43	43	43	43
1599																			
1600					72813104	PTP CONFIRMED	ORIGINAL	7	7	7	7	7	7	7	7	7	7	7	7
1601																			
1602					73395728	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1603																			
1604					76041854	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1605																			
1606					76041858	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1607																			
1608					76213391	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50
1609																			
1610					76213396	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50
1611																			
1612					76213399	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50
1613																			
1614					76213403	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
1615																			
1616					76213405	PTP CONFIRMED	REDIRECT	25	25	25	25	25	25	25	25	25	25	25	25
1617																			
1618					76213407	PTP CONFIRMED	REDIRECT	50	50	50	50	50	50	50	50	50	50	50	50
1619																			
1620					77286223	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1621																			
1622					77286231	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1623																			
1624					77286242	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1625																			
1626					77286250	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1627																			
1628						PTP SPECULATION	RENEWAL	400	400	400	400	400	400	400	400	400	400	400	400
1629																			
1630					77565922	PTP CF CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50
1631																			
1632					77565931	PTP CF CONFIRMED	ORIGINAL	40	40	40	40	40	40	40	40	40	40	40	40
1633																			
1634					77855235	PTP CONFIRMED	REDIRECT	3	3	3	3	3	3	3	3	3	3	3	3
1635																			
1636					77913795	PTP CONFIRMED	RENEWAL	35	35	35	35	35	0	0	0	0	0	0	0
1637																			
1638						PTP SPECULATION	RENEWAL	0	0	0	0	0	35	35	35	35	35	35	35
1639																			
1640					77913798	PTP CONFIRMED	RENEWAL	27	27	27	27	27	0	0	0	0	0	0	0
1641																			
1642						PTP SPECULATION	RENEWAL	0	0	0	0	0	27	27	27	27	27	27	27
1643																			
1644					78262265	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1
1645																			
1646					78510643	PTP CONFIRMED	RENEWAL	0	0	0	0	0	0	0	0	0	0	0	0
1647																			
1648						PTP SPECULATION	RENEWAL	115	115	115	115	115	115	115	115	115	115	115	115
1649																			
1650					78510669	PTP CONFIRMED	ORIGINAL	160	160	160	160	160	160	160	160	160	160	160	160
1651																			
1652					78510701	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	0	0
1653																			
1654						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	300	300
1655																			
1656					78510722	PTP CONFIRMED	RENEWAL	4	4	4	4	4	4	4	4	4	4	0	0
1657																			
1658					78527159	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	0	0
1659																			
1660					78527166	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	0	0
1661																			
1662					78527170	PTP CONFIRMED	RENEWAL	150	150	150	150	150	150	150	150	150	150	0	0

**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
1663																				
1664					78527177	PTP CONFIRMED	RENEWAL	263	263	263	263	263	263	263	263	263	263	0	0	
1665						PTP SPECULATION	RENEWAL	0	0	0	0	0	0	0	0	0	0	967	967	
1666																				
1667					78527185	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	0	0	
1668																				
1669					78527191	PTP CONFIRMED	RENEWAL	300	300	300	300	300	300	300	300	300	300	0	0	
1670																				
1671					78859254	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	
1672																				
1673					78859265	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	
1674																				
1675					78859267	PTP CONFIRMED	RENEWAL	40	40	40	40	40	40	40	40	40	40	40	40	
1676																				
1677					78859275	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	
1678																				
1679					78859281	PTP CONFIRMED	RENEWAL	55	55	55	55	55	55	55	55	55	55	55	55	
1680																				
1681					78859285	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	
1682																				
1683					78859287	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	
1684																				
1685					78859293	PTP CONFIRMED	RENEWAL	27	27	27	27	27	27	27	27	27	27	27	27	
1686																				
1687					78859294	PTP CONFIRMED	RENEWAL	3	3	3	3	3	3	3	3	3	3	3	3	
1688																				
1689					78859296	PTP CONFIRMED	RENEWAL	36	36	36	36	36	36	36	36	36	36	36	36	
1690																				
1691					78859299	PTP CONFIRMED	RENEWAL	5	5	5	5	5	5	5	5	5	5	5	5	
1692																				
1693					78903869	PTP CONFIRMED	RENEWAL	169	169	169	169	169	169	169	169	169	169	169	169	
1694																				
1695					80518661	PTP CF CONFIRMED	RENEWAL	12	12	12	12	12	12	12	12	12	12	12	12	
1696																				
1697					80701818	PTP CONFIRMED	ORIGINAL	137	137	137	137	137	137	137	137	137	137	137	137	
1698																				
1699						PTP SDD CONFIRMED	SDD	137	137	137	137	137	137	137	137	137	137	137	137	
1700																				
1701					80855662	PTP CONFIRMED	RENEWAL	23	23	23	23	23	23	23	23	23	23	23	23	
1702																				
1703					81233853	PTP CF CONFIRMED	RENEWAL	8	8	8	8	8	8	8	8	8	8	8	8	
1704																				
1705					81506896	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	
1706																				
1707					81506901	PTP CONFIRMED	ORIGINAL	40	40	40	40	40	40	40	40	40	40	40	40	
1708																				
1709					81687654	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100	100	100	100	
1710																				
1711					81687662	PTP CONFIRMED	RENEWAL	94	94	94	94	94	94	94	94	94	94	94	94	
1712																				
1713					81853128	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1714																				
1715					81853138	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1716																				
1717					81853144	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1718																				
1719					81853154	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1720																				
1721					81853158	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1722																				
1723					81853190	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1724																				
1725					81856467	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1726																				
1727					81856480	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1728																				
1729					81856482	PTP CONFIRMED	REDIRECT	0	0	0	0	0	0	0	0	0	0	0	0	
1730																				
1731					81964408	PTP CF CONFIRMED	RECALL	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	
1732																				
1733					81964411	PTP CF CONFIRMED	RECALL	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	
1734																				
1735					14-03-45241	1801608	PTP SPECULATION	CONVERSION	266	266	266	266	266	266	266	266	266	266	266	
1736																				
1737					DE-MS79-85BP92185	422177	PTP SPECULATION	CONVERSION	32	32	32	32	32	32	32	32	32	32	32	
1738																				

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1739																			
1740		<b>Puget Total</b>						<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>	<b>4786</b>
1741																			
1742		Raft River Energy	11756	07TX-12449	1471160	PTP SDD CONFIRMED	SDD	12	12	12	12	12	12	12	12	12	12	12	12
1743																			
1744																			
1745																			
1746		<b>Raft River Energy Total</b>						<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
1747																			
1748		Sagebrush Power	10874	11TX-15454	80073937	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50	50	50	0
1749																			
1750																			
1751																			50
1752		<b>Sagebrush Power Total</b>						<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
1753																			
1754		SC Edison	10361	10TX-14641	75978147	PTP CONFIRMED	ORIGINAL	30	30	30	30	30	30	30	30	30	30	30	30
1755																			
1756																			
1757																			
1758																			
1759																			
1760																			
1761																			
1762																			
1763																			
1764																			
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1780																			
1781																			
1782																			
1783																			
1784																			
1785																			
1786																			
1787																			
1788																			
1789																			
1790		<b>SC Edison Total</b>						<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>	<b>1448</b>
1791																			
1792		Seattle	10349	96MS-96018	1800082	PTP CONFIRMED	ORIGINAL	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
1793																			
1794																			
1795																			
1796																			
1797																			
1798																			
1799																			
1800																			
1801																			
1802																			
1803																			
1804																			
1805																			
1806																			
1807																			
1808																			
1809																			
1810																			
1811																			
1812																			
1813																			
1814																			

**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
1815																				
1816					1801314	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	2
1817					1801315	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	2
1818					1801316	PTP CONFIRMED	ORIGINAL	4	4	4	4	4	4	4	4	4	4	4	4	4
1819					1801356	PTP CONFIRMED	ORIGINAL	36	36	36	36	36	36	36	36	36	36	36	36	36
1820					1801399	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1821					1801474	PTP CONFIRMED	ORIGINAL	12	12	12	12	12	12	12	12	12	12	12	12	12
1822					1801824	PTP CONFIRMED	ORIGINAL	71	71	71	71	71	71	71	71	71	71	71	71	71
1823					71852108	PTP CONFIRMED	ORIGINAL	62	62	62	62	62	62	62	62	62	62	62	62	62
1824					73833947	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10	10	10	10
1825																				
1826																				
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**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2																				
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
1891																				
1892					1801085	PTP CONFIRMED	ORIGINAL	102	102	102	102	102	102	102	102	102	102	102	102	102
1893																				
1894					1801086	PTP CONFIRMED	ORIGINAL	156	156	156	156	156	156	156	156	156	156	156	156	156
1895																				
1896					1801087	PTP CONFIRMED	ORIGINAL	247	247	247	247	247	247	247	247	247	247	247	247	247
1897																				
1898					1801163	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1899																				
1900					1801362	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1901																				
1902					1801500	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1903																				
1904					1801823	PTP CONFIRMED	ORIGINAL	131	131	131	131	131	131	131	131	131	131	131	131	131
1905																				
1906					72150853	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1907																				
1908					72150855	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1909																				
1910					72150858	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1911																				
1912					72150862	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1913																				
1914					72150867	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1915																				
1916					72150874	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1917																				
1918					72150881	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1919																				
1920					72436399	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1921																				
1922					72436437	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1923																				
1924					72566153	PTP CONFIRMED	ORIGINAL	100	100	100	100	100	100	100	100	100	100	100	100	100
1925																				
1926					72566175	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1927																				
1928					72566200	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1929																				
1930					72673396	PTP CONFIRMED	RECALL	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
1931																				
1932					73240347	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50	50	50	50	50
1933																				
1934					73240353	PTP CONFIRMED	ORIGINAL	51	51	51	51	51	51	51	51	51	51	51	51	51
1935																				
1936						<b>Snohomish Total</b>		<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>	<b>2069</b>
1937																				
1938					Tacoma Power	10370	98TX-10103	1472937	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2
1939																				
1940					1800542	PTP CONFIRMED	ORIGINAL	19	19	19	19	19	19	19	19	19	19	19	19	19
1941																				
1942					1800543	PTP CONFIRMED	ORIGINAL	23	23	23	23	23	23	23	23	23	23	23	23	23
1943																				
1944					1800544	PTP CONFIRMED	ORIGINAL	24	24	24	24	24	24	24	24	24	24	24	24	24
1945																				
1946					1800545	PTP CONFIRMED	ORIGINAL	25	25	25	25	25	25	25	25	25	25	25	25	25
1947																				
1948					1800546	PTP CONFIRMED	ORIGINAL	44	44	44	44	44	44	44	44	44	44	44	44	44
1949																				
1950					1800547	PTP CONFIRMED	ORIGINAL	52	52	52	52	52	52	52	52	52	52	52	52	52
1951																				
1952					1800548	PTP CONFIRMED	ORIGINAL	54	54	54	54	54	54	54	54	54	54	54	54	54
1953																				
1954					1800550	PTP CONFIRMED	ORIGINAL	82	82	82	82	82	82	82	82	82	82	82	82	82
1955																				
1956					1800551	PTP CONFIRMED	ORIGINAL	99	99	99	99	99	99	99	99	99	99	99	99	99
1957																				
1958					1800565	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1959																				
1960					1800566	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1961																				
1962					1800567	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1963																				
1964					1800568	PTP CONFIRMED	ORIGINAL	1	1	1	1	1	1	1	1	1	1	1	1	1
1965																				
1966					1800569	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2	2



**Table 13.3  
2019 Long-Term Transmission Demand  
(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1967																			
1968					1800570	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1969					1800571	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1970					1800572	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
1971					1800573	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
1972					1800574	PTP CONFIRMED	ORIGINAL	6	6	6	6	6	6	6	6	6	6	6	6
1973					1801317	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1974					1801318	PTP CONFIRMED	ORIGINAL	2	2	2	2	2	2	2	2	2	2	2	2
1975					1801319	PTP CONFIRMED	ORIGINAL	3	3	3	3	3	3	3	3	3	3	3	3
1976					1801501	PTP CONFIRMED	ORIGINAL	12	12	12	12	12	12	12	12	12	12	12	12
1977					75108338	PTP CONFIRMED	ORIGINAL	155	155	155	155	155	155	155	155	155	155	155	155
1978					75108469	PTP CONFIRMED	ORIGINAL	64	64	64	64	64	64	64	64	64	64	64	64
1979					80062905	PTP CONFIRMED	REDIRECT	48	48	48	48	48	48	48	48	48	48	48	48
1980					80062909	PTP CONFIRMED	REDIRECT	10	10	10	10	10	10	10	10	10	10	10	10
1981					80062920	PTP CONFIRMED	REDIRECT	3	3	3	3	3	3	3	3	3	3	3	3
1982					80062924	PTP CONFIRMED	REDIRECT	56	56	56	56	56	56	56	56	56	56	56	56
1983					<b>Tacoma Power Total</b>			<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>	<b>801</b>
1984					Talen Energy	11831	08TX-13030	72408392	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50
1985								73063071	PTP CONFIRMED	ORIGINAL	50	50	50	50	50	50	50	50	50
1986					<b>Talen Energy Total</b>			<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1987					TEMUS	10381	98TX-10172	74623837	PTP CF CONFIRMED	DEFERRAL	0	0	0	0	0	0	0	0	0
1988								78976989	PTP CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
1989								80942698	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50
1990								80942699	PTP CONFIRMED	RENEWAL	100	100	100	100	100	100	100	100	100
1991					<b>TEMUS Total</b>			<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>
1992					Turlock Irrigation	10386	00TX-10344	77517818	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50
1993								77517830	PTP CONFIRMED	RENEWAL	50	50	50	50	50	50	50	50	50
1994					<b>Turlock Irrigation Total</b>			<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1995					UAMPS	10427	11TX-15512	77309382	PTP SDD CONFIRMED	SDD	0	0	0	0	0	0	0	0	0
1996									PTP NO SCD CONFIRMED	ORIGINAL	0	0	0	0	0	0	0	0	0
1997									PTP SDD SPECULATION	SDD	53	53	53	53	53	53	53	53	53
1998									PTP NO SCD SPECULATION	RENEWAL	53	53	53	53	53	53	53	53	53
1999					<b>UAMPS Total</b>			<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>	<b>106</b>
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**Table 13.3**  
**2019 Long-Term Transmission Demand**  
**(MegaWatts)**

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2																			
3	REVENUE PRODUCT	COMPANY	CUST ID	CONTRACT	AREF	PRODUCT GROUP	TYPE	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
2031																			
2032		Unk	0	UNKNOWN	UNKNOWN	PTP SPECULATION	ORIGINAL	0	0	0	0	0	0	0	0	0	0	100	100
2033																			
2034								10	10	10	10	10	10	10	10	10	10	10	10
2035																			
2036								5	5	5	5	5	5	5	5	5	5	5	5
2037																			
2038								0	0	0	0	0	0	0	0	0	0	0	10
2039																			
2040		<b>Unk Total</b>						<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>115</b>	<b>125</b>
2041																			
2042		Wheat Field Wind	11868	08TX-13610	72458260	PTP CONFIRMED	ORIGINAL	97	97	97	97	97	97	97	97	97	97	97	97
2043																			
2044		<b>Wheat Field Wind Total</b>						<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>
2045																			
2046	<b>PTP NETWORK Total</b>							<b>30470</b>	<b>30470</b>	<b>30470</b>	<b>30520</b>	<b>30520</b>	<b>30520</b>	<b>30520</b>	<b>30520</b>	<b>30520</b>	<b>30552</b>	<b>30940</b>	<b>30950</b>

**Table 14.1  
NT Load Forecast at Transmission System Peak**

A		B		C		D		E		F		G		H		I		J		K		L		M		N		O		P	
Customer		Cust Id		Product		OCT		NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP			
1	<b>Albion</b>	<b>10055</b>		NT Billing Factor	0.459	0.623	0.827	0.771	0.691	0.596	0.513	0.350	0.377	0.402	0.385	0.337															
2																															
3	<b>Alder</b>	<b>10005</b>		NT Billing Factor	0.836	1.007	0.878	1.099	1.030	0.929	0.627	0.438	0.371	0.436	0.424	0.379															
4																															
5	<b>Ashland</b>	<b>10057</b>		NT Billing Factor	24.779	29.803	33.057	29.400	30.789	27.566	24.726	24.211	29.286	35.770	34.818	28.382															
6																															
7	<b>Asotin PUD</b>	<b>10015</b>		NT Billing Factor	0.291	0.248	0.139	0.770	0.010	0.151	0.105	0.587	0.553	0.857	0.998	0.134															
8																															
9	<b>Avista</b>	<b>10016</b>		NT Billing Factor	58.501	76.207	82.690	69.252	68.118	64.214	57.351	62.042	80.135	81.345	65.955	48.987															
10																															
11	<b>Bandon</b>	<b>10059</b>		NT Billing Factor	8.564	10.465	10.925	13.459	12.350	11.704	9.478	6.721	6.166	6.290	6.583	6.311															
12																															
13	<b>Benton REA</b>	<b>10025</b>		NT Billing Factor	73.883	74.257	85.944	89.236	82.715	68.925	77.382	86.182	98.107	112.501	107.549	93.343															
14																															
15	<b>Big Bend</b>	<b>10027</b>		NT Billing Factor	51.994	45.593	51.383	47.476	41.608	36.907	64.534	94.567	126.367	131.911	120.156	98.107															
16																															
17	<b>Blaine</b>	<b>10061</b>		NT Billing Factor	9.766	10.994	11.452	11.921	11.295	10.175	8.973	7.931	7.720	8.242	8.324	7.849															
18																															
19	<b>Bonnors Ferry</b>	<b>10062</b>		NT Billing Factor	9.973	12.458	13.887	12.268	11.754	11.081	9.323	8.052	8.411	9.152	9.804	9.325															
20				Short Distance Discount	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200															
21																															
22	<b>Burley</b>	<b>10064</b>		NT Billing Factor	14.838	17.748	19.438	19.656	19.170	17.062	15.183	14.225	16.851	18.992	17.943	15.636															
23																															
24	<b>Canby</b>	<b>10044</b>		NT Billing Factor	29.873	37.019	39.465	39.601	37.756	34.347	32.047	30.402	31.695	37.424	38.034	34.126															
25																															
26	<b>Cascade Locks</b>	<b>10065</b>		NT Billing Factor	3.707	4.415	4.677	4.620	4.394	4.171	3.741	3.200	3.232	3.286	3.390	3.254															
27																															
28	<b>Central Lincoln</b>	<b>10047</b>		NT Billing Factor	180.823	199.652	224.570	215.182	217.366	186.124	176.043	148.574	140.390	138.914	144.027	147.589															
29																															
30	<b>Centralia</b>	<b>10066</b>		NT Billing Factor	31.148	38.904	47.232	40.191	39.173	33.964	30.967	19.943	20.775	26.513	32.146	25.619															
31				Short Distance Discount	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308															
32																															
33	<b>Cheney</b>	<b>10067</b>		NT Billing Factor	21.257	25.391	26.103	27.347	27.398	22.977	21.140	18.025	18.925	22.615	22.336	20.941															
34																															
35	<b>Chewelah</b>	<b>10068</b>		NT Billing Factor	3.253	3.773	4.118	4.078	3.859	3.324	3.116	2.464	2.625	3.436	3.068	2.480															
36																															
37	<b>Clallam</b>	<b>10101</b>		NT Billing Factor	98.815	125.739	145.541	135.949	129.479	134.599	98.079	72.779	57.680	62.711	65.976	60.780															
38																															
39	<b>Clark</b>	<b>10103</b>		NT Billing Factor	580.916	745.161	858.939	849.451	788.649	682.436	605.612	567.794	582.736	638.486	696.450	598.888															
40				Short Distance Discount	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000															
41																															
42	<b>Columbia Basin</b>	<b>10109</b>		NT Billing Factor	10.634	11.652	14.426	11.278	11.425	11.438	14.866	15.967	18.579	18.649	17.215	15.319															
43																															
44	<b>Columbia Power</b>	<b>10111</b>		NT Billing Factor	3.394	4.356	4.703	4.678	4.094	3.750	3.668	3.701	4.656	5.040	4.546	4.116															
45																															
46	<b>Columbia REA</b>	<b>10113</b>		NT Billing Factor	26.886	25.235	22.605	21.022	20.946	20.774	24.391	34.550	41.485	44.958	45.831	34.659															
47																															
48	<b>Columbia River</b>	<b>10112</b>		NT Billing Factor	59.340	73.189	76.955	76.257	75.084	67.751	60.136	54.326	55.621	62.824	62.824	60.049															
49																															
50	<b>Consolidated</b>	<b>10116</b>		NT Billing Factor	0.125	0.198	0.182	0.197	0.220	0.181	0.404	0.105	0.266	0.180	0.181	0.242															
51																															
52	<b>Coulee Dam</b>	<b>10378</b>		NT Billing Factor	1.510	2.531	3.339	3.234	3.381	2.465	1.133	1.391	1.591	1.948	1.910	1.330															
53																															
54	<b>Cowlitz</b>	<b>10123</b>		NT Billing Factor	626.518	674.955	723.703	733.357	692.247	657.226	659.994	614.607																			

**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
57	Declo	10070														
58	<u>DOE-RL</u>	<b>10426</b>		NT Billing Factor	21.239	28.686	37.817	28.870	27.884	29.121	27.207	22.158	24.763	29.098	28.908	24.833
59																
60	<u>Drain</u>	<b>10071</b>		NT Billing Factor	2.269	2.626	3.011	3.037	3.113	2.750	2.238	1.999	1.733	1.953	2.095	2.018
61																
62	<u>East End</u>	<b>10142</b>		NT Billing Factor	2.367	3.003	3.599	3.256	2.892	2.633	2.807	4.069	5.147	5.265	4.497	3.488
63																
64	<u>Eatonville</u>	<b>10144</b>		NT Billing Factor	4.117	5.050	6.974	5.610	6.341	6.129	4.225	3.114	2.809	2.736	2.940	2.963
65																
66	<u>Ellensburg</u>	<b>10072</b>		NT Billing Factor	29.544	33.550	35.158	36.724	34.323	31.043	26.735	24.175	27.653	30.441	30.306	27.824
67																
68	<u>Elmhurst</u>	<b>10156</b>		NT Billing Factor	44.500	54.437	69.283	65.120	61.849	50.164	34.675	26.345	23.732	30.209	29.822	26.032
69																
70	<u>Emerald</u>	<b>10157</b>		NT Billing Factor	80.459	96.515	111.594	106.609	109.338	99.943	77.573	79.358	75.913	86.365	85.681	79.295
71				Short Distance Discount	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120
72																
73	<u>Energy Northwest</u>	<b>10158</b>		NT Billing Factor	1.896	2.490	2.867	2.785	2.588	2.372	2.109	1.909	2.115	2.340	2.321	2.115
74																
75	<u>EWEB</u>	<b>10170</b>		NT Billing Factor	291.641	338.875	370.118	359.316	362.486	316.636	287.990	236.617	249.666	292.254	298.354	270.529
76				Short Distance Discount	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281
77																
78	<u>Fairchild</u>	<b>10172</b>		NT Billing Factor	5.670	6.298	6.419	6.520	6.095	5.797	6.119	5.634	6.409	7.131	7.317	6.049
79																
80	<u>Farmers</u>	<b>10174</b>		NT Billing Factor	0.541	0.760	0.900	0.914	0.810	0.665	0.499	0.468	0.519	0.557	0.497	0.482
81																
82	<u>Ferry</u>	<b>10177</b>		NT Billing Factor	11.584	14.899	15.562	13.797	14.405	12.416	10.898	9.169	7.810	8.321	8.763	7.976
83																
84	<u>Flathead</u>	<b>10179</b>		NT Billing Factor	219.064	264.163	307.885	271.141	279.341	234.512	207.701	169.047	178.001	221.809	210.198	190.319
85				Short Distance Discount	-0.471	-0.471	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470
86																
87	<u>Forest Grove</u>	<b>10074</b>		NT Billing Factor	35.165	41.314	41.242	44.969	43.806	37.856	31.802	28.292	32.761	35.096	38.237	35.566
88																
89	<u>Glacier</u>	<b>10186</b>		NT Billing Factor	22.886	26.696	30.317	29.142	31.075	27.412	21.576	19.501	21.346	23.470	21.973	20.378
90																
91	<u>Grant</u>	<b>10190</b>		NT Billing Factor	5.442	10.388	11.290	11.511	8.802	6.621	6.308	4.496	4.544	6.055	5.462	4.249
92																
93	<u>Harney</u>	<b>10197</b>		NT Billing Factor	16.779	8.547	13.135	10.622	10.421	10.158	26.422	48.538	50.104	49.330	49.475	43.005
94																
95	<u>Hermiston</u>	<b>10597</b>		NT Billing Factor	13.982	15.447	19.535	17.120	16.449	12.987	11.595	11.145	18.938	22.079	21.022	17.783
96																
97	<u>Heyburn</u>	<b>10076</b>		NT Billing Factor	6.744	8.209	8.813	8.617	8.490	7.837	6.730	6.339	6.826	7.143	6.829	6.386
98																
99	<u>Hood River</u>	<b>10202</b>		NT Billing Factor	18.680	20.495	21.733	19.816	18.783	19.096	15.514	12.055	11.292	13.800	16.606	17.820
100																
101	<u>Idaho County</u>	<b>10203</b>		NT Billing Factor	7.632	9.557	11.671	10.879	10.672	9.067	7.136	6.407	6.091	7.144	7.099	6.208
102																
103	<u>Idaho Falls Power</u>	<b>10204</b>		NT Billing Factor	91.141	117.846	129.967	131.424	127.183	104.549	94.522	82.461	95.630	102.452	100.746	85.653
104																
105	<u>Inland</u>	<b>10209</b>		NT Billing Factor	113.138	151.347	177.295	172.100	172.994	141.363	115.406	109.331	119.558	143.294	134.433	116.598
106																
107	<u>Jefferson</u>	<b>12026</b>		NT Billing Factor	43.523	61.490	82.646	69.590	64.118	62.682	42.998	41.265	40.094	38.990	38.828	33.056
108																
109	<u>Kittitas</u>	<b>13916</b>		NT Billing Factor	12.507	17.353	21.385	18.039	18.732	17.289	12.295	11.760	11.921	15.469	13.587	12.784
110																
111	<u>Kootenai</u>	<b>10234</b>		NT Billing Factor	61.460	85.550	98.573	82.017	72.406	71.823	56.735	54.291	62.937	72.636	69.863	61.924
112																
113	<u>Lakeview</u>	<b>10235</b>		NT Billing Factor	38.159	45.390	49.259	50.170	49.469	42.898	36.782	30.639	31.938	34.112	33.762	31.912

**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
114	Lakeview	10235														
115	<b>Lewis</b>	<b>10237</b>		NT Billing Factor	127.734	149.979	182.156	175.177	174.736	158.795	141.373	109.833	100.330	106.161	116.029	99.690
116				Short Distance Discount	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345
117																
118	<b>Lost River</b>	<b>10242</b>		NT Billing Factor	5.800	7.418	7.918	7.329	7.096	5.781	4.905	10.496	16.919	21.129	18.120	11.842
119																
120	<b>Lower Valley</b>	<b>10244</b>		NT Billing Factor	92.105	125.256	168.349	152.577	137.951	113.849	88.091	77.979	77.739	82.668	79.013	76.548
121																
122	<b>Mason 1</b>	<b>10246</b>		NT Billing Factor	8.331	11.094	13.719	14.092	12.587	12.165	9.141	6.988	5.772	5.490	5.541	5.544
123																
124	<b>Mason 3</b>	<b>10247</b>		NT Billing Factor	80.395	97.667	131.000	116.248	112.635	110.949	88.684	70.628	58.313	64.268	65.396	55.877
125																
126	<b>McCleary</b>	<b>10078</b>		NT Billing Factor	3.546	4.551	5.374	4.681	4.789	5.068	4.871	3.360	2.453	3.313	3.873	2.461
127																
128	<b>McMinnville</b>	<b>10079</b>		NT Billing Factor	104.308	137.099	136.268	142.839	132.880	130.435	112.447	107.717	110.856	114.036	118.911	111.031
129																
130	<b>Midstate</b>	<b>10256</b>		NT Billing Factor	46.007	52.051	96.910	62.107	83.413	52.472	53.942	56.980	51.861	61.562	55.308	48.786
131																
132	<b>Milton</b>	<b>10080</b>		NT Billing Factor	9.268	11.314	13.265	12.324	11.614	10.841	9.377	6.921	7.136	7.511	7.749	7.423
133																
134	<b>Milton-Freewater</b>	<b>10081</b>		NT Billing Factor	14.961	17.626	21.742	22.353	19.089	15.620	12.876	11.348	14.666	17.256	17.247	14.534
135																
136	<b>Minidoka</b>	<b>10082</b>		NT Billing Factor	0.127	0.168	0.185	0.199	0.169	0.142	0.118	0.092	0.085	0.085	0.082	0.075
137																
138	<b>Mission Valley</b>	<b>10258</b>		NT Billing Factor	50.779	67.766	78.390	74.605	77.109	60.783	45.508	44.469	38.537	50.506	56.928	46.339
139				Short Distance Discount	-4.480	-2.986	-2.986	-2.986	-2.986	-2.986	-4.480	-4.480	-4.480	-4.480	-4.480	-4.480
140																
141	<b>Missoula</b>	<b>10259</b>		NT Billing Factor	30.668	38.942	45.332	41.374	42.233	34.686	27.318	28.098	31.697	34.220	35.602	28.989
142																
143	<b>Modern</b>	<b>10260</b>		NT Billing Factor	29.460	35.244	39.760	37.718	37.139	31.301	27.234	24.541	30.724	36.954	35.640	30.671
144																
145	<b>Monmouth</b>	<b>10083</b>		NT Billing Factor	10.989	12.907	13.590	14.303	14.024	11.961	10.597	8.481	8.596	10.252	10.303	9.392
146																
147	<b>Nespelem</b>	<b>10273</b>		NT Billing Factor	8.336	8.434	10.236	9.555	7.542	8.276	9.040	10.381	15.159	15.338	14.836	12.939
148																
149	<b>NETL</b>	<b>10406</b>		NT Billing Factor	0.555	0.816	0.924	0.961	0.961	0.826	0.655	0.501	0.400	0.470	0.460	0.432
150																
151	<b>Northern Wasco</b>	<b>10279</b>		NT Billing Factor	72.848	79.832	87.406	90.590	87.168	83.380	79.617	76.870	85.620	94.115	92.622	87.201
152																
153	<b>Ohop</b>	<b>10284</b>		NT Billing Factor	12.487	16.584	20.906	18.051	17.907	16.740	13.068	9.230	6.861	8.405	8.424	7.236
154																
155	<b>OPALCO</b>	<b>10288</b>		NT Billing Factor	32.050	39.332	50.024	41.443	41.203	37.434	33.312	18.565	19.638	19.902	19.493	18.345
156																
157	<b>Oregon Trail</b>	<b>10291</b>		NT Billing Factor	81.556	101.361	120.748	113.559	106.635	97.689	89.250	85.494	98.953	110.637	108.336	91.963
158																
159	<b>PAC</b>	<b>10300</b>		NT Billing Factor	246.493	289.284	328.356	278.389	278.767	260.055	250.190	225.009	221.843	234.471	236.793	245.859
160																
161	<b>Pacific</b>	<b>10294</b>		NT Billing Factor	43.060	53.798	63.779	62.848	59.138	54.733	47.067	39.535	29.505	28.829	30.130	29.655
162																
163	<b>Parkland</b>	<b>10304</b>		NT Billing Factor	14.142	23.461	26.258	25.379	23.583	19.687	15.134	11.140	11.659	12.901	12.940	12.540
164																
165	<b>Peninsula</b>	<b>10307</b>		NT Billing Factor	93.865	114.621	131.476	132.243	120.987	105.765	82.956	63.044	62.894	69.695	69.812	64.330
166																
167	<b>Plummer</b>	<b>10086</b>		NT Billing Factor	4.179	5.245	6.250	6.075	5.896	5.721	4.923	3.588	3.437	3.626	3.997	3.564
168																

**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
169	<b>PNGC</b>	<b>10029</b>	Blachly-Lane	NT Billing Factor	22.627	25.763	31.234	28.719	29.179	27.987	23.154	21.630	19.264	21.960	22.714	20.923
170																
171		<b>10046</b>	CEC	NT Billing Factor	81.307	128.687	177.501	125.426	116.242	110.615	91.998	93.282	102.302	111.751	104.814	95.161
172																
173		<b>10106</b>	Clearwater	NT Billing Factor	29.184	39.107	42.405	39.762	37.771	33.137	29.791	23.374	22.644	24.551	24.425	21.973
174																
175		<b>10118</b>	Consumers	NT Billing Factor	37.849	43.808	52.384	53.289	51.439	43.004	39.868	30.396	26.907	35.631	38.467	32.071
176																
177		<b>10121</b>	Coos-Curry	NT Billing Factor	46.596	55.785	63.282	63.030	59.130	57.726	48.940	41.850	36.384	38.131	40.695	42.339
178																
179		<b>10136</b>	Douglas Elec	NT Billing Factor	21.270	27.335	29.818	29.829	29.426	25.364	25.320	19.741	18.535	20.515	22.353	18.052
180																
181		<b>10173</b>	Fall River	NT Billing Factor	32.393	44.102	57.463	53.179	48.989	40.342	31.505	31.489	52.557	62.481	40.174	30.737
182				Short Distance Discount	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478
183																
184		<b>10236</b>	Lane Electric	NT Billing Factor	43.580	54.135	60.039	63.813	62.156	51.129	47.058	30.820	27.263	32.662	33.026	29.413
185				Short Distance Discount	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080
186																
187		<b>10239</b>	Lincoln	NT Billing Factor	14.782	21.818	25.932	19.194	19.587	20.149	12.632	11.969	10.179	11.361	11.399	10.384
188																
189		<b>10278</b>	Northern Lights	NT Billing Factor	43.072	59.410	70.375	58.283	49.525	50.456	37.867	34.030	31.624	37.019	37.944	35.654
190				Short Distance Discount	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941
191																
192		<b>10285</b>	Okanogan Coop	NT Billing Factor	8.048	11.639	14.501	14.683	12.084	9.149	7.529	6.409	6.335	7.236	7.302	6.032
193																
194		<b>10331</b>	Raft River	NT Billing Factor	15.135	18.331	21.299	21.716	19.876	19.057	23.860	54.877	67.914	73.448	63.624	51.547
195																
196		<b>10388</b>	UEC	NT Billing Factor	149.980	167.475	194.305	192.500	192.354	172.488	205.308	211.394	274.579	293.765	288.522	250.596
197																
198		<b>10448</b>	West Oregon	NT Billing Factor	11.084	12.182	13.226	12.572	12.635	12.496	10.583	9.148	7.159	7.443	7.489	6.978
199																
200	<b>Port</b>	<b>10706</b>	Port	NT Billing Factor	15.943	16.056	16.528	20.453	20.739	20.777	19.315	19.207	22.479	22.822	23.417	21.485
201																
202	<b>Port Angeles</b>	<b>10087</b>	Port Angeles	NT Billing Factor	69.000	82.750	85.311	79.951	101.469	76.673	57.608	54.780	50.283	41.122	50.470	51.305
203																
204	<b>Port Townsend Paper</b>	<b>10312</b>	Port Townsend Paper	NT Billing Factor	14.123	17.502	17.838	19.073	19.026	14.932	17.680	17.873	19.235	16.194	17.085	18.966
205																
206	<b>Ravalli County</b>	<b>10333</b>	Ravalli County	NT Billing Factor	19.073	21.944	27.829	25.870	24.764	19.462	15.726	18.467	18.478	19.804	21.026	16.418
207																
208	<b>Richland</b>	<b>10089</b>	Richland	NT Billing Factor	113.919	136.479	148.619	165.536	151.611	123.943	105.558	120.756	150.228	171.908	172.669	146.251
209																
210	<b>Riverside Electric</b>	<b>10338</b>	Riverside Electric	NT Billing Factor	2.494	3.532	4.004	3.277	3.507	3.081	2.311	2.258	3.736	4.108	3.255	2.641
211																
212	<b>Rupert</b>	<b>10091</b>	Rupert	NT Billing Factor	9.618	13.685	14.832	15.328	14.382	12.176	11.489	8.282	10.172	11.230	10.471	9.538
213																
214	<b>Salem</b>	<b>10342</b>	Salem	NT Billing Factor	47.748	55.865	62.680	56.891	58.690	52.147	44.611	44.327	48.520	59.606	61.280	52.717
215																
216	<b>Salmon River</b>	<b>10343</b>	Salmon River	NT Billing Factor	9.187	12.092	15.546	15.401	12.607	11.061	8.506	8.468	10.795	9.980	11.335	9.844
217																
218	<b>Skamania</b>	<b>10352</b>	Skamania	NT Billing Factor	20.791	25.449	29.747	30.517	25.540	25.888	22.755	17.158	16.753	16.298	16.305	16.851
219																
220	<b>Soda Springs</b>	<b>10094</b>	Soda Springs	NT Billing Factor	3.797	4.524	4.965	4.852	4.572	4.222	3.926	3.353	3.596	3.716	3.727	3.447
221																
222	<b>South Side</b>	<b>10360</b>	South Side	NT Billing Factor	4.839	6.033	7.473	7.253	6.627	5.839	6.577	10.816	16.633	16.292	12.609	9.790
223																
224	<b>Steilacoom</b>	<b>10379</b>	Steilacoom	NT Billing Factor	6.669	8.923	9.626	8.984	8.757	7.457	5.656	4.891	3.898	4.381	4.544	4.439
225																
226	<b>SUB</b>	<b>10363</b>	SUB	NT Billing Factor	110.886	138.171	151.020	142.717	145.617	122.161	108.863	91.376	98.090	111.561	115.033	106.172
227																

**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
228	<u>Sumas</u>	<b>10095</b>	Sumas	NT Billing Factor	3.824	4.571	4.949	4.432	4.747	4.642	4.464	4.158	4.113	4.305	4.252	3.900
229																
230	<u>Surprise Valley</u>	<b>10369</b>	Surprise Valley	NT Billing Factor	15.418	11.583	22.464	15.657	14.503	12.921	15.121	28.491	31.156	33.318	29.901	26.389
231																
232	<u>Tanner</u>	<b>10371</b>	Tanner	NT Billing Factor	14.158	17.399	19.408	18.234	17.472	17.330	12.051	10.369	10.808	12.711	11.496	10.511
233																
234	<u>Tillamook</u>	<b>10376</b>	Tillamook	NT Billing Factor	65.929	75.348	78.776	73.510	69.145	65.638	62.594	45.366	39.989	39.879	41.233	42.968
235				Short Distance Discount	-0.087	-0.102	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094
236																
237	<u>Troy</u>	<b>10097</b>	Troy	NT Billing Factor	2.151	2.819	3.420	3.093	3.336	2.817	2.343	1.766	1.444	1.675	1.685	1.441
238																
239	<u>UIUC</u>	<b>10482</b>	UIUC	NT Billing Factor	4.906	5.918	5.521	5.178	5.788	5.508	4.928	5.483	5.376	5.238	5.590	5.374
240																
241	<u>United Electric</u>	<b>10391</b>	United Electric	NT Billing Factor	23.595	30.688	33.913	33.618	32.142	26.781	24.005	30.584	42.932	43.231	38.026	31.299
242																
243	<u>USN Bangor</u>	<b>10409</b>	USN Bangor	NT Billing Factor	21.105	24.850	26.255	23.389	23.673	23.763	22.108	19.781	19.170	18.458	18.763	18.301
244																
245	<u>USN Bremerton</u>	<b>10326</b>	USN Bremerton	NT Billing Factor	31.534	27.622	37.410	36.127	34.951	37.642	36.950	29.269	32.345	34.163	24.002	24.233
246																
247	<u>USN Everett</u>	<b>10408</b>	USN Everett	NT Billing Factor	1.580	1.734	1.745	1.754	1.690	1.701	1.460	1.512	1.056	0.997	0.984	1.403
248																
249	<u>Vera</u>	<b>10434</b>	Vera	NT Billing Factor	34.671	42.927	46.048	42.687	44.289	38.093	32.246	28.883	35.594	42.642	41.715	36.601
250																
251	<u>Vigilante</u>	<b>10436</b>	Vigilante	NT Billing Factor	16.747	21.493	24.864	22.553	24.939	17.988	15.516	26.163	32.654	34.251	28.465	23.277
252																
253	<u>Wahkiakum</u>	<b>10440</b>	Wahkiakum	NT Billing Factor	3.297	4.469	4.307	6.259	4.136	3.579	3.210	2.349	1.718	1.941	2.027	3.063
254																
255	<u>Wasco</u>	<b>10442</b>	Wasco	NT Billing Factor	13.731	21.702	26.941	24.010	21.418	16.861	14.053	16.333	22.020	23.031	21.182	16.860
256																
257	<u>Weiser</u>	<b>11680</b>	Weiser	NT Billing Factor	6.765	8.263	8.898	9.165	8.867	7.479	6.528	6.662	8.618	9.863	10.156	8.282
258																
259	<u>Whatcom</u>	<b>10451</b>	Whatcom	NT Billing Factor	26.796	27.398	27.058	27.061	27.690	27.387	26.663	25.801	27.926	27.172	27.075	27.061
260																
261	<u>WREC</u>	<b>10446</b>	WREC	NT Billing Factor	95.683	102.585	108.134	109.998	106.647	99.675	86.959	77.591	99.147	92.333	99.905	96.164
262																
263	<u>Yakama</u>	<b>10502</b>	Yakama	NT Billing Factor	6.130	5.982	5.756	5.817	5.918	5.913	5.396	4.884	5.493	6.214	6.400	5.841
264																
265																
266				<b>Total NT Billing Factor</b>	<b>5752</b>	<b>6915</b>	<b>7932</b>	<b>7534</b>	<b>7307</b>	<b>6515</b>	<b>5885</b>	<b>5463</b>	<b>5803</b>	<b>6309</b>	<b>6286</b>	<b>5690</b>
267				<b>Total Short Distance Discount</b>	<b>-120</b>	<b>-118</b>	<b>-118</b>	<b>-118</b>	<b>-118</b>	<b>-118</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>

**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
			FY 2019												
Customer	Cust Id	Product	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
268	<a href="#">Albion</a>	10055	NT Billing Factor	0.461	0.625	0.829	0.773	0.693	0.598	0.516	0.352	0.379	0.404	0.387	0.339
269															
270	<a href="#">Alder</a>	10005	NT Billing Factor	0.847	1.018	0.886	1.109	1.040	0.939	0.634	0.445	0.378	0.445	0.432	0.385
271															
272	<a href="#">Ashland</a>	10057	NT Billing Factor	24.876	29.903	33.155	29.489	30.886	27.658	24.812	24.307	29.388	35.868	34.917	28.476
273															
274	<a href="#">Asotin PUD</a>	10015	NT Billing Factor	0.292	0.249	0.140	0.774	0.010	0.152	0.106	0.590	0.555	0.861	1.002	0.135
275															
276	<a href="#">Avista</a>	10016	NT Billing Factor	58.426	76.122	82.609	69.173	68.043	64.136	57.279	61.941	80.032	81.236	65.866	48.884
277															
278	<a href="#">Bandon</a>	10059	NT Billing Factor	8.585	10.491	10.952	13.493	12.380	11.732	9.501	6.737	6.181	6.306	6.599	6.326
279															
280	<a href="#">Benton REA</a>	10025	NT Billing Factor	74.966	75.346	87.210	90.547	83.933	69.935	78.516	87.451	99.548	114.162	109.135	94.717
281															
282	<a href="#">Big Bend</a>	10027	NT Billing Factor	52.537	46.319	52.109	48.168	42.257	37.507	65.144	95.212	127.126	132.687	120.914	98.819
283															
284	<a href="#">Blaine</a>	10061	NT Billing Factor	9.764	10.990	11.449	11.917	11.292	10.172	8.969	7.928	7.716	8.239	8.320	7.845
285															
286	<a href="#">Bonners Ferry</a>	10062	NT Billing Factor	10.001	12.487	13.917	12.295	11.783	11.110	9.350	8.077	8.437	9.180	9.832	9.353
287			Short Distance Discount	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200	-1.200
288															
289	<a href="#">Burley</a>	10064	NT Billing Factor	14.868	17.782	19.473	19.691	19.205	17.096	15.215	14.255	16.885	19.028	17.978	15.668
290															
291	<a href="#">Canby</a>	10044	NT Billing Factor	30.017	37.166	39.604	39.734	37.895	34.487	32.188	30.551	31.841	37.577	38.184	34.277
292															
293	<a href="#">Cascade Locks</a>	10065	NT Billing Factor	3.707	4.415	4.677	4.620	4.394	4.171	3.741	3.200	3.232	3.286	3.390	3.254
294															
295	<a href="#">Central Lincoln</a>	10047	NT Billing Factor	181.272	200.145	225.126	215.716	217.905	186.587	176.480	148.943	140.739	139.257	144.383	147.955
296															
297	<a href="#">Centralia</a>	10066	NT Billing Factor	30.855	38.092	46.845	38.765	38.944	31.953	29.614	18.771	19.628	26.349	29.059	22.276
298			Short Distance Discount	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308	-3.308
299															
300	<a href="#">Cheney</a>	10067	NT Billing Factor	21.523	25.709	26.430	27.689	27.741	23.264	21.403	18.251	19.162	22.898	22.616	21.202
301															
302	<a href="#">Chewelah</a>	10068	NT Billing Factor	3.261	3.783	4.128	4.088	3.869	3.332	3.124	2.470	2.631	3.445	3.075	2.486
303															
304	<a href="#">Clallam</a>	10101	NT Billing Factor	99.560	126.574	146.398	136.725	130.234	135.456	98.791	73.587	58.395	63.570	66.855	61.453
305															
306	<a href="#">Clark</a>	10103	NT Billing Factor	582.371	747.028	861.089	851.578	790.624	684.144	607.129	569.217	584.195	640.084	698.193	600.387
307			Short Distance Discount	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000
308															
309	<a href="#">Columbia Basin</a>	10109	NT Billing Factor	10.657	11.679	14.455	11.302	11.450	11.463	14.897	16.000	18.618	18.687	17.250	15.350
310															
311	<a href="#">Columbia Power</a>	10111	NT Billing Factor	3.389	4.350	4.698	4.674	4.090	3.744	3.665	3.699	4.648	5.030	4.538	4.106
312															
313	<a href="#">Columbia REA</a>	10113	NT Billing Factor	27.677	26.021	23.363	21.771	21.721	21.477	25.123	35.390	42.462	45.939	46.838	35.573
314															
315	<a href="#">Columbia River</a>	10112	NT Billing Factor	59.456	73.330	77.105	76.405	75.231	67.881	60.251	54.432	55.730	62.948	62.947	60.166
316															
317	<a href="#">Consolidated</a>	10116	NT Billing Factor	0.126	0.199	0.183	0.198	0.222	0.182	0.407	0.106	0.268	0.182	0.183	0.244
318															
319	<a href="#">Coulee Dam</a>	10378	NT Billing Factor	1.521	2.550	3.364	3.258	3.406	2.484	1.142	1.401	1.603	1.963	1.924	1.340
320															
321	<a href="#">Cowlitz</a>	10123	NT Billing Factor	649.878	697.674	748.257	760.350	706.219	685.139	673.622	623.931	631.360	618.872	604.083	607.982



**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
322	Cowlitz	10123														
323	<u>Declo</u>	<b>10070</b>		NT Billing Factor	0.427	0.526	0.604	0.604	0.590	0.489	0.435	0.387	0.369	0.411	0.383	0.405
324																
325	<u>DOE-RL</u>	<b>10426</b>		NT Billing Factor	23.056	34.009	41.185	29.630	27.906	28.347	27.207	22.158	33.020	45.276	42.637	41.965
326																
327	<u>Drain</u>	<b>10071</b>		NT Billing Factor	2.274	2.632	3.018	3.044	3.120	2.757	2.243	2.004	1.738	1.958	2.100	2.023
328																
329	<u>East End</u>	<b>10142</b>		NT Billing Factor	2.376	3.018	3.616	3.272	2.906	2.646	2.821	4.089	5.173	5.291	4.520	3.505
330																
331	<u>Eatonville</u>	<b>10144</b>		NT Billing Factor	4.125	5.060	6.988	5.621	6.354	6.142	4.233	3.120	2.814	2.742	2.946	2.969
332																
333	<u>Ellensburg</u>	<b>10072</b>		NT Billing Factor	29.632	33.643	35.244	36.788	34.407	31.119	26.800	24.234	27.720	30.515	30.417	27.892
334																
335	<u>Elmhurst</u>	<b>10156</b>		NT Billing Factor	44.933	54.867	69.775	65.570	62.317	50.569	34.981	26.695	24.096	30.657	30.248	26.405
336																
337	<u>Emerald</u>	<b>10157</b>		NT Billing Factor	80.956	97.087	112.238	107.226	109.955	100.523	78.047	79.841	76.377	86.885	86.197	79.776
338				Short Distance Discount	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120	-1.120
339																
340	<u>Energy Northwest</u>	<b>10158</b>		NT Billing Factor	1.896	2.490	2.867	2.785	2.588	2.372	2.109	1.909	2.115	2.340	2.321	2.115
341																
342	<u>EWEB</u>	<b>10170</b>		NT Billing Factor	293.024	340.475	371.828	361.005	364.181	318.129	289.369	237.750	250.887	293.634	299.726	271.800
343				Short Distance Discount	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281	-26.281
344																
345	<u>Fairchild</u>	<b>10172</b>		NT Billing Factor	5.699	6.330	6.450	6.552	6.126	5.826	6.150	5.663	6.441	7.167	7.354	6.079
346																
347	<u>Farmers</u>	<b>10174</b>		NT Billing Factor	0.541	0.760	0.900	0.914	0.810	0.665	0.499	0.468	0.519	0.557	0.497	0.482
348																
349	<u>Ferry</u>	<b>10177</b>		NT Billing Factor	10.203	13.309	14.137	13.830	14.440	12.446	10.924	9.191	7.828	8.342	8.784	7.995
350																
351	<u>Flathead</u>	<b>10179</b>		NT Billing Factor	221.888	267.612	311.962	274.709	284.712	237.582	210.430	171.319	180.535	224.675	212.927	192.821
352				Short Distance Discount	-0.471	-0.471	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470	-0.470
353																
354	<u>Forest Grove</u>	<b>10074</b>		NT Billing Factor	35.432	41.629	41.561	45.312	44.140	38.145	32.045	28.509	33.013	35.366	38.531	35.839
355																
356	<u>Glacier</u>	<b>10186</b>		NT Billing Factor	23.001	26.830	30.469	29.288	31.230	27.549	21.684	19.599	21.453	23.588	22.083	20.480
357																
358	<u>Grant</u>	<b>10190</b>		NT Billing Factor	5.470	10.419	11.320	11.543	8.831	6.648	6.337	4.522	4.573	6.087	5.493	4.278
359																
360	<u>Harney</u>	<b>10197</b>		NT Billing Factor	16.780	8.546	13.134	10.621	10.421	10.157	26.423	48.539	50.104	49.331	49.475	43.005
361																
362	<u>Hermiston</u>	<b>10597</b>		NT Billing Factor	13.982	15.447	19.535	17.120	16.449	12.987	11.595	11.145	18.938	22.079	21.022	17.783
363																
364	<u>Heyburn</u>	<b>10076</b>		NT Billing Factor	6.810	8.289	8.898	8.701	8.573	7.913	6.796	6.400	6.893	7.212	6.895	6.448
365																
366	<u>Hood River</u>	<b>10202</b>		NT Billing Factor	18.906	20.733	21.973	20.033	19.000	19.330	15.712	12.231	11.495	14.026	16.839	18.057
367																
368	<u>Idaho County</u>	<b>10203</b>		NT Billing Factor	7.663	9.596	11.719	10.925	10.715	9.105	7.164	6.434	6.118	7.175	7.131	6.235
369																
370	<u>Idaho Falls Power</u>	<b>10204</b>		NT Billing Factor	91.420	118.134	130.249	131.711	127.462	104.816	94.798	82.732	95.917	102.742	101.038	85.932
371																
372	<u>Inland</u>	<b>10209</b>		NT Billing Factor	114.179	152.774	178.956	173.720	174.617	142.706	116.482	110.358	120.691	144.637	135.686	117.681
373																
374	<u>Jefferson</u>	<b>12026</b>		NT Billing Factor	44.086	62.190	83.510	70.289	64.738	63.393	43.528	42.027	40.864	39.815	39.642	33.664
375																
376	<u>Kittitas</u>	<b>13916</b>		NT Billing Factor	12.569	17.440	21.492	18.129	18.730	17.288	12.356	11.819	11.980	15.546	13.654	12.848
377																
378	<u>Kootenai</u>	<b>10234</b>		NT Billing Factor	61.780	85.892	98.919	82.324	72.617	72.160	57.034	54.596	63.295	73.005	70.222	62.273

**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
379	Kootenai	10234														
380	<u>Lakeview</u>	<b>10235</b>		NT Billing Factor	38.311	45.571	49.456	50.371	49.667	43.070	36.929	30.761	32.065	34.249	33.896	32.039
381																
382	<u>Lewis</u>	<b>10237</b>		NT Billing Factor	128.038	150.316	182.565	172.664	173.725	157.630	137.013	104.659	98.227	106.423	116.450	99.302
383				Short Distance Discount	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345
384																
385	<u>Lost River</u>	<b>10242</b>		NT Billing Factor	5.840	7.463	7.964	7.329	7.096	5.781	4.905	10.605	17.058	21.279	18.266	11.975
386																
387	<u>Lower Valley</u>	<b>10244</b>		NT Billing Factor	93.229	126.431	169.603	153.770	139.004	114.911	89.081	78.976	78.781	83.948	80.232	77.563
388																
389	<u>Mason 1</u>	<b>10246</b>		NT Billing Factor	8.355	11.125	13.757	14.131	12.623	12.199	9.167	7.010	5.789	5.507	5.559	5.561
390																
391	<u>Mason 3</u>	<b>10247</b>		NT Billing Factor	80.771	98.125	131.479	116.744	113.105	111.456	89.150	71.013	58.627	64.509	65.717	56.211
392																
393	<u>McCleary</u>	<b>10078</b>		NT Billing Factor	3.616	4.608	5.435	4.686	4.795	5.075	4.877	3.365	2.458	3.319	3.880	2.463
394																
395	<u>McMinnville</u>	<b>10079</b>		NT Billing Factor	104.798	137.685	136.801	143.377	133.396	130.990	112.925	108.204	111.402	114.529	119.452	111.540
396																
397	<u>Midstate</u>	<b>10256</b>		NT Billing Factor	46.007	52.052	96.910	62.107	83.412	52.473	53.942	56.979	51.860	61.561	55.308	48.786
398																
399	<u>Milton</u>	<b>10080</b>		NT Billing Factor	9.313	11.368	13.329	12.383	11.670	10.894	9.421	6.955	7.169	7.546	7.786	7.459
400																
401	<u>Milton-Freewater</u>	<b>10081</b>		NT Billing Factor	14.961	17.626	21.742	22.353	19.089	15.620	12.876	11.348	14.666	17.256	17.247	14.534
402																
403	<u>Minidoka</u>	<b>10082</b>		NT Billing Factor	0.127	0.168	0.185	0.199	0.169	0.142	0.118	0.092	0.085	0.085	0.082	0.075
404																
405	<u>Mission Valley</u>	<b>10258</b>		NT Billing Factor	51.408	68.604	79.359	75.526	78.063	61.534	46.071	45.019	39.013	51.131	57.634	46.913
406				Short Distance Discount	-4.480	-2.986	-2.986	-2.986	-2.986	-2.986	-4.480	-4.480	-4.480	-4.480	-4.480	-4.480
407																
408	<u>Missoula</u>	<b>10259</b>		NT Billing Factor	30.922	39.269	45.711	41.721	42.587	34.976	27.545	28.334	31.968	34.510	35.904	29.233
409																
410	<u>Modern</u>	<b>10260</b>		NT Billing Factor	29.534	35.332	39.860	37.813	37.232	31.379	27.302	24.603	30.800	37.046	35.730	30.748
411																
412	<u>Monmouth</u>	<b>10083</b>		NT Billing Factor	11.043	12.972	13.657	14.375	14.095	12.020	10.650	8.523	8.639	10.303	10.355	9.439
413																
414	<u>Nespelem</u>	<b>10273</b>		NT Billing Factor	8.377	8.454	10.244	9.564	7.571	8.312	10.775	12.178	16.976	17.231	16.686	14.739
415																
416	<u>NETL</u>	<b>10406</b>		NT Billing Factor	0.555	0.816	0.924	0.961	0.961	0.826	0.655	0.501	0.400	0.470	0.460	0.432
417																
418	<u>Northern Wasco</u>	<b>10279</b>		NT Billing Factor	93.507	101.584	110.203	108.969	105.242	101.474	97.443	94.797	103.700	112.004	110.267	104.769
419																
420	<u>Ohop</u>	<b>10284</b>		NT Billing Factor	12.512	16.617	20.948	18.087	17.944	16.774	13.095	9.247	6.875	8.421	8.440	7.250
421																
422	<u>OPALCO</u>	<b>10288</b>		NT Billing Factor	32.130	39.430	50.150	41.546	41.306	37.528	33.395	18.612	19.687	19.951	19.542	18.390
423																
424	<u>Oregon Trail</u>	<b>10291</b>		NT Billing Factor	84.283	104.257	122.633	115.382	108.406	99.511	91.021	87.250	100.886	112.581	110.267	93.886
425																
426	<u>PAC</u>	<b>10300</b>		NT Billing Factor	246.452	289.281	328.352	278.391	278.767	260.054	250.191	225.009	221.842	234.472	236.792	244.425
427																
428	<u>Pacific</u>	<b>10294</b>		NT Billing Factor	43.162	53.926	63.934	62.998	59.280	54.863	47.179	39.627	29.572	28.896	30.199	29.725
429																
430	<u>Parkland</u>	<b>10304</b>		NT Billing Factor	14.227	23.581	26.379	25.493	23.697	19.789	15.226	11.222	11.761	13.012	13.050	12.640
431																
432	<u>Peninsula</u>	<b>10307</b>		NT Billing Factor	94.940	115.720	132.591	133.365	122.056	106.784	83.853	63.973	63.919	70.783	70.898	65.318
433																
434	<u>Plummer</u>	<b>10086</b>		NT Billing Factor	4.198	5.267	6.274	6.097	5.919	5.744	4.945	3.607	3.457	3.647	4.021	3.584
435																

**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
436	<b>PNGC</b>	<b>10029</b>	Blachly-Lane	NT Billing Factor	22.627	25.763	31.234	28.719	29.179	27.987	23.154	21.630	19.264	21.960	22.714	20.923
437																
438		<b>10046</b>	CEC	NT Billing Factor	81.986	129.424	178.339	126.125	116.918	111.388	92.679	94.039	103.220	112.711	105.746	96.001
439																
440		<b>10106</b>	Clearwater	NT Billing Factor	29.250	39.180	42.475	39.832	37.840	33.206	29.857	23.435	22.712	24.622	24.496	22.032
441																
442		<b>10118</b>	Consumers	NT Billing Factor	38.023	44.004	52.620	53.533	51.674	43.199	40.049	30.533	27.023	35.790	38.639	32.216
443																
444		<b>10121</b>	Coos-Curry	NT Billing Factor	46.596	55.785	63.282	63.030	59.130	57.726	48.940	41.850	36.384	38.131	40.695	42.339
445																
446		<b>10136</b>	Douglas Elec	NT Billing Factor	21.324	27.402	29.894	29.903	29.501	25.428	25.382	19.790	18.582	20.567	22.407	18.097
447																
448		<b>10173</b>	Fall River	NT Billing Factor	32.777	44.522	57.908	53.604	49.388	40.726	31.858	31.843	52.978	62.915	40.516	31.110
449				Short Distance Discount	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478	-1.478
450																
451		<b>10236</b>	Lane Electric	NT Billing Factor	43.691	54.257	60.164	63.952	62.277	51.237	47.161	30.916	27.344	32.748	33.109	29.492
452				Short Distance Discount	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080
453																
454		<b>10239</b>	Lincoln	NT Billing Factor	14.782	21.818	25.932	19.194	19.587	20.149	12.632	11.969	10.179	11.361	11.399	10.384
455																
456		<b>10278</b>	Northern Lights	NT Billing Factor	43.363	59.694	70.666	58.543	49.766	50.727	38.113	34.277	31.879	37.296	38.231	35.912
457				Short Distance Discount	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941
458																
459		<b>10285</b>	Okanogan Coop	NT Billing Factor	8.088	11.680	14.542	14.724	12.124	9.188	7.568	6.444	6.377	7.280	7.346	6.071
460																
461		<b>10331</b>	Raft River	NT Billing Factor	15.135	18.331	21.299	21.716	19.876	19.057	23.860	54.877	67.914	73.448	63.624	51.547
462																
463		<b>10388</b>	UEC	NT Billing Factor	164.294	184.483	209.867	210.443	210.477	187.830	222.025	227.886	291.328	311.711	305.483	266.287
464																
465		<b>10448</b>	West Oregon	NT Billing Factor	11.084	12.182	13.226	12.572	12.635	12.496	10.583	9.148	7.159	7.443	7.489	6.978
466																
467	<b>Port</b>	<b>10706</b>	Port	NT Billing Factor	19.660	20.244	20.669	20.453	20.739	20.777	19.315	19.207	22.479	22.822	23.417	21.485
468																
469	<b>Port Angeles</b>	<b>10087</b>	Port Angeles	NT Billing Factor	69.164	82.953	85.501	80.140	101.683	76.857	57.755	54.938	50.429	41.249	50.615	51.455
470																
471	<b>Port Townsend Paper</b>	<b>10312</b>	Port Townsend Paper	NT Billing Factor	14.123	17.502	17.838	19.073	19.026	14.932	17.680	17.873	19.235	16.194	17.085	18.966
472																
473	<b>Ravalli County</b>	<b>10333</b>	Ravalli County	NT Billing Factor	19.225	22.117	28.048	26.074	24.962	19.618	15.850	18.611	18.622	19.957	21.186	16.543
474																
475	<b>Richland</b>	<b>10089</b>	Richland	NT Billing Factor	115.046	137.830	150.085	167.176	153.102	125.167	106.591	121.944	151.710	173.609	174.379	147.693
476																
477	<b>Riverside Electric</b>	<b>10338</b>	Riverside Electric	NT Billing Factor	2.513	3.554	4.029	3.301	3.531	3.101	2.331	2.281	3.765	4.136	3.280	2.662
478																
479	<b>Rupert</b>	<b>10091</b>	Rupert	NT Billing Factor	10.067	14.295	15.451	15.986	15.062	12.551	11.612	8.296	10.345	11.406	10.588	9.623
480																
481	<b>Salem</b>	<b>10342</b>	Salem	NT Billing Factor	47.866	56.004	62.836	57.032	58.836	52.277	44.722	44.437	48.641	59.755	61.433	52.848
482																
483	<b>Salmon River</b>	<b>10343</b>	Salmon River	NT Billing Factor	9.187	12.092	15.546	15.401	12.607	11.061	8.506	8.468	10.795	9.980	11.335	9.844
484																
485	<b>Skamania</b>	<b>10352</b>	Skamania	NT Billing Factor	20.838	25.508	29.817	30.588	25.599	25.947	22.807	17.197	16.791	16.336	16.344	16.890
486																
487	<b>Soda Springs</b>	<b>10094</b>	Soda Springs	NT Billing Factor	3.801	4.528	4.969	4.856	4.576	4.227	3.930	3.357	3.601	3.720	3.732	3.451
488																
489	<b>South Side</b>	<b>10360</b>	South Side	NT Billing Factor	4.834	6.051	7.495	7.275	6.647	5.857	6.597	10.850	16.684	16.342	12.648	9.821
490																
491	<b>Steilacoom</b>	<b>10379</b>	Steilacoom	NT Billing Factor	6.707	8.963	9.668	9.022	8.795	7.496	5.688	4.924	3.929	4.416	4.580	4.473
492																

**Table 14.1**  
**NT Load Forecast at Transmission System Peak**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
493	<u>SUB</u>	<b>10363</b>	SUB	NT Billing Factor	111.173	138.527	151.408	143.085	145.992	122.475	109.144	91.615	98.347	111.852	115.333	106.451
494																
495	<u>Sumas</u>	<b>10095</b>	Sumas	NT Billing Factor	3.844	4.594	4.973	4.454	4.770	4.665	4.488	4.181	4.135	4.327	4.275	3.921
496																
497	<u>Surprise Valley</u>	<b>10369</b>	Surprise Valley	NT Billing Factor	15.418	11.583	22.464	15.657	14.503	12.921	15.121	28.491	31.156	33.318	29.901	26.389
498																
499	<u>Tanner</u>	<b>10371</b>	Tanner	NT Billing Factor	14.318	17.566	19.576	18.398	17.640	17.508	12.188	10.502	10.954	12.879	11.645	10.645
500																
501	<u>Tillamook</u>	<b>10376</b>	Tillamook	NT Billing Factor	66.191	75.639	79.083	28.361	26.027	23.033	20.707	15.527	13.520	14.933	14.998	14.820
502				Short Distance Discount	-0.087	-0.102	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094
503																
504	<u>Troy</u>	<b>10097</b>	Troy	NT Billing Factor	2.157	2.826	3.428	3.100	3.344	2.824	2.349	1.770	1.447	1.679	1.690	1.445
505																
506	<u>UIUC</u>	<b>10482</b>	UIUC	NT Billing Factor	4.906	5.918	5.521	5.178	5.788	5.508	4.928	5.483	5.376	5.238	5.590	5.374
507																
508	<u>United Electric</u>	<b>10391</b>	United Electric	NT Billing Factor	24.002	31.131	34.354	34.059	32.582	27.193	24.411	31.005	43.373	43.690	38.483	31.745
509																
510	<u>USN Bangor</u>	<b>10409</b>	USN Bangor	NT Billing Factor	21.115	24.860	26.265	23.398	23.682	23.773	22.118	19.791	19.179	18.467	18.773	18.310
511																
512	<u>USN Bremerton</u>	<b>10326</b>	USN Bremerton	NT Billing Factor	31.534	27.622	37.410	36.127	34.951	37.642	36.950	29.269	32.345	34.163	24.002	24.233
513																
514	<u>USN Everett</u>	<b>10408</b>	USN Everett	NT Billing Factor	1.580	1.734	1.745	1.754	1.690	1.701	1.460	1.512	1.056	0.997	0.984	1.403
515																
516	<u>Vera</u>	<b>10434</b>	Vera	NT Billing Factor	34.993	43.326	46.484	43.087	44.706	38.447	32.542	29.152	35.925	43.049	42.116	36.941
517																
518	<u>Vigilante</u>	<b>10436</b>	Vigilante	NT Billing Factor	16.918	21.712	25.116	22.779	25.192	18.170	15.673	26.434	32.986	34.606	28.758	23.519
519																
520	<u>Wahkiakum</u>	<b>10440</b>	Wahkiakum	NT Billing Factor	3.297	4.469	4.307	6.259	4.136	3.579	3.210	2.349	1.718	1.941	2.027	3.063
521																
522	<u>Wasco</u>	<b>10442</b>	Wasco	NT Billing Factor	13.762	21.760	27.005	24.067	21.469	16.899	14.086	16.372	22.072	23.086	21.230	16.900
523																
524	<u>Weiser</u>	<b>11680</b>	Weiser	NT Billing Factor	6.765	8.263	8.898	9.165	8.867	7.479	6.593	6.729	8.704	9.962	10.257	8.364
525																
526	<u>Whatcom</u>	<b>10451</b>	Whatcom	NT Billing Factor	26.796	27.398	27.058	27.061	27.690	27.387	26.663	25.801	27.926	27.172	27.075	27.061
527																
528	<u>WREC</u>	<b>10446</b>	WREC	NT Billing Factor	95.894	102.839	108.341	110.281	106.915	99.911	87.174	77.806	99.417	92.605	100.166	96.412
529																
530	<u>Yakama</u>	<b>10502</b>	Yakama	NT Billing Factor	6.130	5.982	5.756	5.817	5.918	5.913	5.396	4.884	5.528	6.262	6.498	5.935
531																
532																
533				<b>Total NT Billing Factor</b>	<b>5841</b>	<b>7015</b>	<b>8034</b>	<b>7580</b>	<b>7346</b>	<b>6558</b>	<b>5912</b>	<b>5497</b>	<b>5858</b>	<b>6372</b>	<b>6338</b>	<b>5737</b>
534				<b>Total Short Distance Discount</b>	<b>-120</b>	<b>-118</b>	<b>-118</b>	<b>-118</b>	<b>-118</b>	<b>-118</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	FY 2018															
	Customer	Cust Id	Product		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	<u>Albion</u>	Albion	10055 Customer Peak Load		0.628	0.804	1.034	1.013	0.846	0.790	0.681	0.528	0.444	0.477	0.465	0.427
2																
3	<u>Alder</u>	Alder	10005 Customer Peak Load		0.949	1.150	1.321	1.328	1.237	1.107	0.892	0.741	0.609	0.576	0.560	0.626
4																
5	<u>Ashland</u>	Ashland	10057 Customer Peak Load		28.481	33.052	36.845	35.954	33.552	32.275	30.654	26.335	29.928	37.252	36.063	30.591
6																
7	<u>Asotin PUD</u>	Asotin PUD	10015 Customer Peak Load		1.550	1.115	0.881	1.065	0.957	0.970	0.995	1.778	2.114	2.726	3.156	2.456
8																
9	<u>Avista</u>	Avista	10016 Customer Peak Load		79.915	88.274	98.665	84.189	79.319	73.654	72.156	91.568	100.668	92.377	88.953	76.733
10																
11	<u>Bandon</u>	Bandon	10059 Customer Peak Load		11.860	13.737	14.849	16.589	14.930	15.192	13.634	8.734	8.130	7.999	8.154	8.430
12																
13	<u>Benton REA</u>	Benton REA	10025 Customer Peak Load		86.794	87.232	100.955	99.972	97.153	80.942	90.890	101.222	115.234	132.139	126.326	109.639
14																
15	<u>Big Bend</u>	Big Bend	10027 Customer Peak Load		76.698	50.735	56.842	55.190	51.458	49.392	84.913	117.895	134.577	137.301	127.867	110.963
16																
17	<u>Blaine</u>	Blaine	10061 Customer Peak Load		11.003	12.606	13.741	13.464	12.651	11.951	10.890	9.430	9.016	9.039	9.184	9.203
18																
19	<u>Bonnors Ferry</u>	Bonnors Ferry	10062 Customer Peak Load		11.865	14.205	15.331	15.020	13.948	13.013	11.928	10.757	10.635	11.145	11.075	11.113
20																
21	<u>Burley</u>	Burley	10064 Customer Peak Load		17.108	19.692	22.303	22.516	21.160	19.550	17.545	16.510	18.371	20.482	19.757	17.255
22																
23	<u>Canby</u>	Canby	10044 Customer Peak Load		34.528	40.813	44.551	45.897	43.200	39.690	37.078	33.171	34.590	38.560	39.744	35.820
24																
25	<u>Cascade Locks</u>	Cascade Locks	10065 Customer Peak Load		4.181	4.947	5.352	5.391	4.979	4.866	4.245	3.742	3.518	3.700	3.745	3.468
26																
27	<u>Central Lincoln</u>	Central Lincoln	10047 Customer Peak Load		201.703	227.537	247.963	245.603	239.007	228.844	213.384	170.511	157.839	153.350	154.435	160.654
28																
29	<u>Centralia</u>	Centralia	10066 Customer Peak Load		40.311	48.295	52.097	52.052	48.155	44.977	40.078	32.648	27.973	29.696	35.256	31.395
30																
31	<u>Cheney</u>	Cheney	10067 Customer Peak Load		22.813	27.240	27.954	30.975	29.752	26.612	24.116	21.829	21.152	23.782	23.905	23.229
32																
33	<u>Chewelah</u>	Chewelah	10068 Customer Peak Load		3.730	4.122	4.518	4.663	4.337	3.884	3.474	2.845	2.854	3.595	3.264	2.743
34																
35	<u>Clallam</u>	Clallam	10101 Customer Peak Load		138.353	161.896	180.719	188.539	180.863	163.266	143.851	103.520	84.279	76.255	78.383	94.133
36																
37	<u>Clark</u>	Clark	10103 Customer Peak Load		665.042	830.471	910.127	946.706	864.547	805.877	730.341	638.897	632.523	711.121	732.245	664.240
38																
39	<u>Columbia Basin</u>	Columbia Basin	10109 Customer Peak Load		13.853	12.830	15.692	13.641	13.781	13.278	16.528	17.803	19.170	19.579	18.640	16.596
40																
41	<u>Columbia Power</u>	Columbia Power	10111 Customer Peak Load		4.475	5.306	6.344	5.967	5.564	5.295	5.165	5.023	5.044	5.719	5.505	4.839
42																
43	<u>Columbia REA</u>	Columbia REA	10113 Customer Peak Load		26.067	28.359	26.553	24.726	23.300	26.717	27.015	43.321	47.791	50.134	46.163	36.079
44																
45	<u>Columbia River</u>	Columbia River	10112 Customer Peak Load		69.569	80.374	86.198	84.875	82.315	77.094	73.171	63.602	62.473	68.930	70.079	65.901
46																
47	<u>Consolidated</u>	Consolidated	10116 Customer Peak Load		0.468	0.259	0.265	0.290	0.317	0.323	0.806	0.574	0.589	0.610	0.564	0.527
48																

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
49	<u>Coulee Dam</u>	<b>Coulee Dam</b>	10378	Customer Peak Load	2.232	3.137	3.916	4.018	3.963	3.311	2.450	2.014	1.740	2.139	2.135	1.623
50																
51	<u>Cowlitz</u>	<b>Cowlitz</b>	10123	Customer Peak Load	688.825	729.220	774.276	779.857	753.161	730.193	714.711	678.556	638.093	668.516	679.062	672.356
52																
53	<u>Declo</u>	<b>Declo</b>	10070	Customer Peak Load	0.563	0.634	0.736	0.740	0.705	0.602	0.570	0.554	0.466	0.524	0.546	0.519
54																
55	<u>DOE-RL</u>	<b>DOE-RL</b>	10426	Customer Peak Load	28.309	36.215	43.119	36.466	36.370	36.136	35.607	29.056	28.820	32.076	32.835	27.845
56																
57	<u>Drain</u>	<b>Drain</b>	10071	Customer Peak Load	2.880	3.236	3.859	3.824	3.650	3.367	3.101	2.420	2.178	2.274	2.308	2.251
58																
59	<u>East End</u>	<b>East End</b>	10142	Customer Peak Load	3.494	3.726	4.294	4.193	3.857	3.471	3.952	4.864	6.268	6.300	5.166	4.198
60																
61	<u>Eatonville</u>	<b>Eatonville</b>	10144	Customer Peak Load	5.656	6.981	8.049	8.218	7.427	6.903	5.968	4.207	3.388	3.228	3.386	3.549
62																
63	<u>Ellensburg</u>	<b>Ellensburg</b>	10072	Customer Peak Load	34.467	35.531	37.952	40.613	37.558	33.710	30.633	26.828	30.352	34.874	33.182	31.085
64																
65	<u>Elmhurst</u>	<b>Elmhurst</b>	10156	Customer Peak Load	45.479	62.167	71.749	74.506	66.289	57.975	44.533	37.047	32.027	33.189	34.327	34.163
66																
67	<u>Emerald</u>	<b>Emerald</b>	10157	Customer Peak Load	107.994	114.172	128.558	125.634	123.252	114.403	112.020	85.372	82.406	94.718	93.857	84.200
68																
69	<u>Energy Northwest</u>	<b>Energy Northwest</b>	10158	Customer Peak Load	2.452	2.967	3.403	3.469	3.394	2.829	2.713	2.524	2.535	2.677	2.752	2.400
70																
71	<u>EWEB</u>	<b>EWEB</b>	10170	Customer Peak Load	339.485	378.554	421.954	427.591	410.683	372.085	336.924	274.124	277.193	311.681	315.335	285.555
72																
73	<u>Fairchild</u>	<b>Fairchild</b>	10172	Customer Peak Load	6.969	7.381	7.735	8.079	7.583	6.863	7.204	7.939	8.215	8.567	8.513	7.436
74																
75	<u>Farmers</u>	<b>Farmers</b>	10174	Customer Peak Load	0.706	0.879	1.091	1.101	0.941	0.846	0.741	0.643	0.638	0.662	0.621	0.563
76																
77	<u>Ferry</u>	<b>Ferry</b>	10177	Customer Peak Load	14.729	16.889	18.769	17.400	17.312	15.457	13.530	11.694	9.406	9.316	9.403	10.702
78																
79	<u>Flathead</u>	<b>Flathead</b>	10179	Customer Peak Load	255.294	298.549	323.943	332.896	319.096	277.407	267.270	218.220	208.465	240.825	231.065	221.434
80																
81	<u>Forest Grove</u>	<b>Forest Grove</b>	10074	Customer Peak Load	42.228	48.518	53.787	51.896	49.765	45.512	41.720	33.494	35.093	39.736	40.073	38.210
82																
83	<u>Glacier</u>	<b>Glacier</b>	10186	Customer Peak Load	26.228	30.653	32.945	34.386	34.554	31.799	27.692	24.563	24.357	24.806	23.903	25.221
84																
85	<u>Grant</u>	<b>Grant</b>	10190	Customer Peak Load	6.881	11.739	13.549	12.880	10.728	9.029	7.745	6.158	5.657	6.834	6.316	5.182
86																
87	<u>Harney</u>	<b>Harney</b>	10197	Customer Peak Load	22.668	11.020	14.415	13.464	11.849	13.277	38.010	55.497	51.436	58.579	54.388	48.970
88																
89	<u>Hermiston</u>	<b>Hermiston</b>	10597	Customer Peak Load	15.915	18.413	20.555	19.466	18.382	16.147	14.431	18.787	19.634	24.208	23.200	19.043
90																
91	<u>Heyburn</u>	<b>Heyburn</b>	10076	Customer Peak Load	7.866	9.211	9.873	10.223	9.533	8.867	8.220	7.035	7.485	7.923	7.516	6.877
92																
93	<u>Hood River</u>	<b>Hood River</b>	10202	Customer Peak Load	23.050	24.342	25.795	26.005	24.355	22.467	21.387	17.850	13.886	15.522	18.810	20.171
94																
95	<u>Idaho County</u>	<b>Idaho County</b>	10203	Customer Peak Load	9.160	11.388	12.966	13.157	12.717	10.958	9.439	8.418	7.209	8.461	8.254	7.373
96																
97	<u>Idaho Falls Power</u>	<b>Idaho Falls Power</b>	10204	Customer Peak Load	102.188	121.648	138.148	142.492	138.823	120.749	107.494	95.429	104.132	110.136	108.173	95.770
98																

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
99	<u>Inland</u>	<u>Inland</u>	10209	Customer Peak Load	141.511	179.353	194.147	217.500	214.565	179.902	156.261	138.657	129.110	153.141	149.222	132.007
100																
101	<u>Jefferson</u>	<u>Jefferson</u>	12026	Customer Peak Load	68.797	89.762	97.392	100.501	94.951	83.376	70.610	56.978	50.779	45.702	46.818	51.423
102																
103	<u>Kittitas</u>	<u>Kittitas</u>	10230	Customer Peak Load	16.450	21.078	23.558	23.516	21.893	19.892	17.968	14.954	13.718	16.034	15.793	13.696
104																
105	<u>Kootenai</u>	<u>Kootenai</u>	10234	Customer Peak Load	68.928	88.603	99.017	94.927	83.355	78.015	69.110	62.726	67.076	75.585	75.619	64.337
106																
107	<u>Lakeview</u>	<u>Lakeview</u>	10235	Customer Peak Load	42.067	50.926	54.042	56.009	51.786	47.295	43.226	33.579	34.611	37.025	36.426	33.994
108																
109	<u>Lewis</u>	<u>Lewis</u>	10237	Customer Peak Load	170.821	196.020	222.059	224.502	209.893	203.769	186.666	141.469	127.646	144.505	130.164	127.409
110																
111	<u>Lost River</u>	<u>Lost River</u>	10242	Customer Peak Load	7.972	9.162	9.495	8.674	8.522	7.536	6.580	17.592	21.363	23.968	21.577	15.414
112																
113	<u>Lower Valley</u>	<u>Lower Valley</u>	10244	Customer Peak Load	116.842	151.808	190.749	181.368	185.282	151.039	124.466	110.624	104.107	90.429	90.377	104.271
114																
115	<u>Mason 1</u>	<u>Mason 1</u>	10246	Customer Peak Load	10.813	14.924	16.213	17.349	15.550	14.537	11.827	9.928	6.817	6.793	6.398	7.417
116																
117	<u>Mason 3</u>	<u>Mason 3</u>	10247	Customer Peak Load	109.628	123.687	141.848	142.199	135.859	127.678	116.929	97.876	76.831	77.334	76.469	78.709
118																
119	<u>McCleary</u>	<u>McCleary</u>	10078	Customer Peak Load	6.280	6.911	7.541	7.485	7.373	7.045	6.549	5.133	4.746	4.619	4.644	4.833
120																
121	<u>McMinnville</u>	<u>McMinnville</u>	10079	Customer Peak Load	139.910	152.861	166.820	164.318	164.035	152.140	148.708	133.099	130.708	142.316	141.934	136.583
122																
123	<u>Midstate</u>	<u>Midstate</u>	10256	Customer Peak Load	61.115	78.665	100.013	82.341	78.354	65.289	66.168	57.285	47.983	41.435	41.115	51.083
124																
125	<u>Milton</u>	<u>Milton</u>	10080	Customer Peak Load	10.927	12.521	14.438	13.772	12.761	11.954	10.467	8.418	8.232	8.839	8.920	8.710
126																
127	<u>Milton-Freewater</u>	<u>Milton-Freewater</u>	10081	Customer Peak Load	17.043	21.197	25.828	25.148	22.774	18.747	17.161	14.658	15.679	18.526	18.238	16.016
128																
129	<u>Minidoka</u>	<u>Minidoka</u>	10082	Customer Peak Load	0.174	0.212	0.231	0.235	0.219	0.195	0.176	0.154	0.120	0.117	0.119	0.126
130																
131	<u>Mission Valley</u>	<u>Mission Valley</u>	10258	Customer Peak Load	64.839	80.980	88.081	92.600	92.690	80.573	67.820	59.203	52.375	59.699	59.146	56.678
132																
133	<u>Missoula</u>	<u>Missoula</u>	10259	Customer Peak Load	34.522	42.839	48.333	47.762	48.429	41.757	36.753	33.755	34.691	39.183	37.931	33.579
134																
135	<u>Modern</u>	<u>Modern</u>	10260	Customer Peak Load	31.819	37.651	41.691	41.753	40.011	35.966	30.529	29.611	33.244	40.047	38.475	33.206
136																
137	<u>Monmouth</u>	<u>Monmouth</u>	10083	Customer Peak Load	11.819	14.507	15.695	16.057	15.298	13.818	12.854	9.436	9.438	10.965	11.032	10.243
138																
139	<u>Nespelem</u>	<u>Nespelem</u>	10273	Customer Peak Load	10.931	11.391	12.530	12.437	11.162	10.174	12.573	13.830	14.828	16.533	16.009	14.647
140																
141	<u>NETL</u>	<u>NETL</u>	10406	Customer Peak Load	0.844	1.059	1.251	1.235	1.156	1.092	0.915	0.730	0.590	0.512	0.555	0.591
142																
143	<u>Northern Wasco</u>	<u>Northern Wasco</u>	10279	Customer Peak Load	78.839	85.231	93.225	99.456	96.542	91.899	92.784	84.571	89.302	98.964	99.123	92.035
144																
145	<u>Ohop</u>	<u>Ohop</u>	10284	Customer Peak Load	16.916	20.420	23.617	23.392	22.358	20.307	18.211	11.555	9.288	10.224	10.181	10.213
146																
147	<u>OPALCO</u>	<u>OPALCO</u>	10288	Customer Peak Load	35.958	44.931	55.210	52.449	48.460	44.171	40.171	26.661	23.910	25.550	24.546	25.881
148																

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
149	<b>Oregon Trail</b>	<b>Oregon Trail</b>	10291	Customer Peak Load	96.395	112.873	130.572	127.543	123.231	109.888	103.129	99.737	104.829	116.685	114.878	97.977
150																
151	<b>PAC</b>	<b>PAC</b>	10300	Customer Peak Load	298.874	323.461	358.836	353.706	343.260	324.842	333.246	271.671	234.358	264.411	240.122	237.499
152																
153	<b>Pacific</b>	<b>Pacific</b>	10294	Customer Peak Load	54.736	67.593	75.806	76.836	71.501	69.310	59.624	49.257	38.425	35.243	35.111	39.971
154																
155	<b>Parkland</b>	<b>Parkland</b>	10304	Customer Peak Load	17.369	24.049	27.304	27.843	25.266	21.337	17.752	15.254	13.696	13.882	14.132	14.991
156																
157	<b>Peninsula</b>	<b>Peninsula</b>	10307	Customer Peak Load	104.777	124.875	148.014	147.343	134.404	122.988	103.749	83.419	75.168	78.199	78.259	79.157
158																
159	<b>Plummer</b>	<b>Plummer</b>	10086	Customer Peak Load	6.430	7.043	7.703	7.828	7.445	7.103	6.507	5.461	5.046	4.801	4.823	5.223
160																
161	<b>PNGC</b>	<b>Blachly-Lane</b>	10029	Customer Peak Load	29.790	32.234	34.963	34.929	33.492	32.745	31.135	26.592	25.595	25.325	24.923	25.181
162																
163		<b>CEC</b>	10046	Customer Peak Load	122.677	178.324	216.395	183.420	175.465	146.169	138.235	125.940	114.099	119.091	115.166	115.715
164																
165		<b>Clearwater</b>	10106	Customer Peak Load	34.653	42.283	48.095	44.731	43.771	38.486	34.981	31.697	26.789	27.882	27.905	28.464
166																
167		<b>Consumers</b>	10118	Customer Peak Load	45.714	50.425	59.892	62.831	62.466	54.034	50.901	41.575	32.607	42.087	42.721	37.680
168																
169		<b>Coos-Curry</b>	10121	Customer Peak Load	57.056	70.275	78.597	78.703	76.143	73.336	71.294	47.036	43.709	46.006	46.751	50.124
170																
171		<b>Douglas Elec</b>	10136	Customer Peak Load	28.142	33.909	37.761	36.588	36.628	33.024	32.288	25.450	22.825	22.852	23.837	21.105
172																
173		<b>Fall River</b>	10173	Customer Peak Load	41.314	51.309	62.891	61.202	59.738	51.449	43.684	43.328	61.027	70.338	57.474	40.386
174																
175		<b>Lane Electric</b>	10236	Customer Peak Load	54.975	63.835	71.213	73.952	72.750	62.804	58.330	38.242	34.185	36.319	35.810	34.412
176																
177		<b>Lincoln</b>	10239	Customer Peak Load	19.545	26.171	32.504	28.943	28.560	27.642	20.488	16.895	14.446	13.205	13.123	15.432
178																
179		<b>Northern Lights</b>	10278	Customer Peak Load	46.892	64.162	74.224	69.296	63.679	57.004	47.283	42.254	40.961	42.427	41.420	43.546
180																
181		<b>Okanogan Coop</b>	10285	Customer Peak Load	10.193	14.420	18.111	17.807	14.887	11.878	9.770	9.161	7.580	8.403	8.275	7.886
182																
183		<b>Raft River</b>	10331	Customer Peak Load	29.634	21.915	25.087	24.774	23.300	22.755	43.302	73.109	80.818	82.879	70.433	58.321
184																
185		<b>UEC</b>	10388	Customer Peak Load	196.674	181.984	216.768	208.906	213.068	205.625	233.390	243.132	296.146	301.083	306.458	279.287
186																
187		<b>West Oregon</b>	10448	Customer Peak Load	12.399	14.588	16.010	15.540	15.241	14.403	13.187	11.522	9.413	9.142	9.102	9.455
188																
189	<b>Port</b>	<b>Port</b>	10706	Customer Peak Load	17.542	17.416	17.828	22.390	22.022	22.173	22.005	22.663	23.946	25.281	25.252	24.014
190																
191	<b>Port Angeles</b>	<b>Port Angeles</b>	10087	Customer Peak Load	84.048	97.683	101.771	104.241	105.517	89.253	78.048	71.932	66.609	60.778	60.338	61.615
192																



**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
193	<b>Ravalli County</b>	<b>Ravalli County</b>	10333	Customer Peak Load	21.740	24.869	29.988	30.244	28.586	24.798	21.551	21.497	20.633	23.072	23.143	19.189
194																
195	<b>Richland</b>	<b>Richland</b>	10089	Customer Peak Load	133.235	156.904	187.937	193.708	182.435	151.700	130.487	141.659	156.379	179.705	180.354	155.205
196																
197	<b>Riverside Electric</b>	<b>Riverside Electric</b>	10338	Customer Peak Load	3.000	3.679	4.124	4.094	4.030	3.450	3.349	3.887	5.030	4.669	4.185	3.573
198																
199	<b>Rupert</b>	<b>Rupert</b>	10091	Customer Peak Load	11.966	15.353	17.141	17.835	16.586	14.912	14.198	10.596	11.365	12.320	11.909	10.683
200																
201	<b>Salem</b>	<b>Salem</b>	10342	Customer Peak Load	50.447	60.120	70.515	64.359	61.723	55.406	51.596	47.913	49.819	62.661	61.082	54.986
202																
203	<b>Salmon River</b>	<b>Salmon River</b>	10343	Customer Peak Load	35.022	37.595	39.508	42.697	42.118	36.156	36.565	38.930	37.581	35.563	34.711	36.173
204																
205	<b>Skamania</b>	<b>Skamania</b>	10352	Customer Peak Load	25.426	29.610	34.426	35.419	32.605	29.946	27.257	22.957	19.330	19.634	19.732	19.872
206																
207	<b>Soda Springs</b>	<b>Soda Springs</b>	10094	Customer Peak Load	4.040	4.644	5.120	4.966	4.756	4.369	4.116	3.761	3.608	3.848	3.826	3.566
208																
209	<b>South Side</b>	<b>South Side</b>	10360	Customer Peak Load	6.316	6.692	8.009	7.933	7.324	6.337	9.743	12.370	16.744	16.025	13.539	10.458
210																
211	<b>Steilacoom</b>	<b>Steilacoom</b>	10379	Customer Peak Load	7.626	9.483	10.187	10.465	9.997	8.214	7.040	6.275	5.327	5.427	5.440	5.712
212																
213	<b>SUB</b>	<b>SUB</b>	10363	Customer Peak Load	133.761	154.869	171.843	169.093	166.427	147.568	138.168	106.535	107.863	119.610	120.718	112.046
214																
215	<b>Sumas</b>	<b>Sumas</b>	10095	Customer Peak Load	5.561	5.769	5.964	5.934	5.867	5.718	5.563	5.347	5.443	5.446	5.335	5.391
216																
217	<b>Surprise Valley</b>	<b>Surprise Valley</b>	10369	Customer Peak Load	16.824	15.732	24.268	19.526	16.574	14.746	24.763	35.471	33.961	37.414	34.925	27.941
218																
219	<b>Tanner</b>	<b>Tanner</b>	10371	Customer Peak Load	14.935	18.559	20.657	19.906	18.362	17.329	14.562	13.124	13.175	13.625	13.592	13.998
220																
221	<b>Tillamook</b>	<b>Tillamook</b>	10376	Customer Peak Load	84.302	98.283	100.429	87.763	82.925	85.158	81.993	65.939	58.553	55.855	59.125	67.781
222																
223	<b>Troy</b>	<b>Troy</b>	10097	Customer Peak Load	2.818	3.428	3.840	4.102	4.073	3.574	3.072	2.456	1.966	1.854	1.824	2.135
224																
225	<b>UIUC</b>	<b>UIUC</b>	10482	Customer Peak Load	6.252	6.366	6.596	6.439	6.313	6.201	6.142	6.219	6.258	6.485	6.567	6.462
226																
227	<b>United Electric</b>	<b>United Electric</b>	10391	Customer Peak Load	30.605	37.470	41.744	40.510	39.870	34.201	31.593	38.271	50.939	48.673	42.728	36.622
228																
229	<b>USN Bangor</b>	<b>USN Bangor</b>	10409	Customer Peak Load	24.524	27.214	28.409	27.413	26.836	26.356	25.390	22.962	21.756	21.595	21.469	21.917
230																
231	<b>USN Bremerton</b>	<b>USN Bremerton</b>	10326	Customer Peak Load	34.248	38.441	48.815	44.459	39.970	45.562	45.435	40.941	41.499	38.616	30.305	30.091
232																
233	<b>USN Everett</b>	<b>USN Everett</b>	10408	Customer Peak Load	1.690	1.814	1.861	1.883	1.856	1.863	1.797	1.699	1.555	1.502	1.513	1.602
234																
235	<b>Vera</b>	<b>Vera</b>	10434	Customer Peak Load	37.987	46.032	48.655	47.186	47.879	44.489	37.874	34.358	38.618	46.427	45.241	39.635
236																
237	<b>Vigilante</b>	<b>Vigilante</b>	10436	Customer Peak Load	20.238	24.718	26.867	27.247	28.335	23.219	20.260	33.025	36.840	40.483	34.973	27.627
238																
239	<b>Wahkiakum</b>	<b>Wahkiakum</b>	10440	Customer Peak Load	4.230	7.244	6.844	10.044	5.405	4.713	4.462	2.846	2.456	2.211	2.651	2.998

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
240	Wahkiakum	Wahkiakum														
241	<u>Wasco</u>	<u>Wasco</u>	10442	Customer Peak Load	14.538	19.347	25.976	21.842	20.507	16.110	16.044	16.033	17.479	20.153	19.255	15.021
242																
243	<u>Weiser</u>	<u>Weiser</u>	11680	Customer Peak Load	7.473	9.307	10.063	10.355	9.702	8.426	7.598	7.423	9.344	10.638	10.475	8.853
244																
245	<u>Whatcom</u>	<u>Whatcom</u>	10451	Customer Peak Load	28.797	29.005	28.927	29.084	29.125	28.461	27.611	28.139	29.993	28.562	28.237	28.378
246																
247	<u>WREC</u>	<u>WREC</u>	10446	Customer Peak Load	103.739	108.398	114.237	114.433	110.695	107.857	103.425	101.724	105.570	108.710	107.733	103.282
248																
249	<u>Yakama</u>	<u>Yakama</u>	10502	Customer Peak Load	6.642	7.405	7.460	7.467	7.411	7.188	6.447	6.593	7.140	7.572	7.451	6.742
250																
251	<b>Total Customer Peak Load</b>				<b>6911</b>	<b>7948</b>	<b>8880</b>	<b>8851</b>	<b>8467</b>	<b>7754</b>	<b>7338</b>	<b>6623</b>	<b>6526</b>	<b>6997</b>	<b>6898</b>	<b>6502</b>

	FY 2019															
	Customer	Cust Id	Product	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
252	<u>Albion</u>	<u>Albion</u>	10055	Customer Peak Load	0.630	0.807	1.037	1.016	0.849	0.793	0.684	0.531	0.447	0.480	0.468	0.430
253																
254	<u>Alder</u>	<u>Alder</u>	10005	Customer Peak Load	0.961	1.162	1.333	1.340	1.249	1.119	0.902	0.752	0.620	0.587	0.571	0.636
255																
256	<u>Ashland</u>	<u>Ashland</u>	10057	Customer Peak Load	28.593	33.163	36.942	36.063	33.641	32.382	30.760	26.398	30.032	37.348	36.165	30.693
257																
258	<u>Asotin PUD</u>	<u>Asotin PUD</u>	10015	Customer Peak Load	1.557	1.121	0.886	1.070	0.962	0.974	1.000	1.786	2.123	2.738	3.171	2.466
259																
260	<u>Avista</u>	<u>Avista</u>	10016	Customer Peak Load	79.833	88.190	98.582	84.107	79.240	73.574	72.077	91.452	100.555	92.261	88.833	76.606
261																
262	<u>Bandon</u>	<u>Bandon</u>	10059	Customer Peak Load	11.890	13.771	14.886	16.631	14.967	15.228	13.668	8.756	8.150	8.019	8.175	8.451
263																
264	<u>Benton REA</u>	<u>Benton REA</u>	10025	Customer Peak Load	88.066	88.509	102.439	101.314	98.580	82.124	92.224	102.711	116.931	134.090	128.188	111.256
265																
266	<u>Big Bend</u>	<u>Big Bend</u>	10027	Customer Peak Load	77.506	51.548	57.649	56.001	52.266	50.200	85.720	118.701	135.385	138.109	128.677	111.768
267																
268	<u>Blaine</u>	<u>Blaine</u>	10061	Customer Peak Load	10.999	12.602	13.738	13.460	12.648	11.948	10.887	9.427	9.012	9.037	9.180	9.199
269																
270	<u>Bonners Ferry</u>	<u>Bonners Ferry</u>	10062	Customer Peak Load	11.899	14.238	15.364	15.054	13.981	13.046	11.961	10.790	10.667	11.179	11.108	11.146
271																
272	<u>Burley</u>	<u>Burley</u>	10064	Customer Peak Load	17.144	19.730	22.343	22.557	21.199	19.588	17.581	16.545	18.408	20.520	19.794	17.290
273																
274	<u>Canby</u>	<u>Canby</u>	10044	Customer Peak Load	34.690	40.968	44.692	46.027	43.341	39.845	37.234	33.327	34.742	38.711	39.896	35.973
275																
276	<u>Cascade Locks</u>	<u>Cascade Locks</u>	10065	Customer Peak Load	4.181	4.947	5.352	5.391	4.979	4.866	4.245	3.742	3.518	3.700	3.745	3.468
277																
278	<u>Central Lincoln</u>	<u>Central Lincoln</u>	10047	Customer Peak Load	202.206	228.103	248.578	246.212	239.600	229.412	213.914	170.935	158.230	153.731	154.818	161.053
279																
280	<u>Centralia</u>	<u>Centralia</u>	10066	Customer Peak Load	40.036	47.510	50.895	50.555	46.287	42.731	37.454	29.628	25.560	26.892	32.173	28.320
281																
282	<u>Cheney</u>	<u>Cheney</u>	10067	Customer Peak Load	23.099	27.580	28.304	31.362	30.124	26.945	24.417	22.101	21.416	24.079	24.204	23.519
283																
284	<u>Chewelah</u>	<u>Chewelah</u>	10068	Customer Peak Load	3.739	4.132	4.529	4.674	4.347	3.894	3.483	2.852	2.862	3.604	3.272	2.750

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
285	<u>Chewelah</u>	Chewelah														
286	<u>Clallam</u>	<b>Clallam</b>	10101	Customer Peak Load	139.397	162.969	181.784	189.615	181.916	164.310	144.895	104.668	85.321	77.298	79.428	95.174
287																
288	<u>Clark</u>	<b>Clark</b>	10103	Customer Peak Load	666.708	832.550	912.403	949.075	866.710	807.894	732.168	640.496	634.105	712.901	734.078	665.900
289																
290	<u>Columbia Basin</u>	<b>Columbia Basin</b>	10109	Customer Peak Load	13.883	12.856	15.724	13.670	13.810	13.306	16.561	17.840	19.210	19.620	18.679	16.627
291																
292	<u>Columbia Power</u>	<b>Columbia Power</b>	10111	Customer Peak Load	4.467	5.299	6.337	5.961	5.557	5.287	5.160	5.014	5.031	5.708	5.495	4.829
293																
294	<u>Columbia REA</u>	<b>Columbia REA</b>	10113	Customer Peak Load	26.695	29.190	27.404	25.548	24.097	27.512	27.776	44.314	48.870	51.189	47.185	37.002
295																
296	<u>Columbia River</u>	<b>Columbia River</b>	10112	Customer Peak Load	69.706	80.531	86.367	85.038	82.475	77.244	73.314	63.727	62.594	69.066	70.214	66.030
297																
298	<u>Consolidated</u>	<b>Consolidated</b>	10116	Customer Peak Load	0.471	0.261	0.267	0.292	0.320	0.325	0.812	0.578	0.593	0.615	0.568	0.531
299																
300	<u>Coulee Dam</u>	<b>Coulee Dam</b>	10378	Customer Peak Load	2.249	3.161	3.946	4.048	3.992	3.335	2.468	2.030	1.753	2.155	2.151	1.635
301																
302	<u>Cowlitz</u>	<b>Cowlitz</b>	10123	Customer Peak Load	728.851	769.293	814.500	813.807	784.982	761.956	746.452	710.259	669.666	674.730	680.797	674.076
303																
304	<u>Declo</u>	<b>Declo</b>	10070	Customer Peak Load	0.564	0.635	0.737	0.742	0.706	0.603	0.571	0.555	0.467	0.525	0.547	0.520
305																
306	<u>DOE-RL</u>	<b>DOE-RL</b>	10426	Customer Peak Load	30.732	42.936	46.961	37.426	36.400	35.176	35.607	29.056	38.429	49.910	48.429	47.054
307																
308	<u>Drain</u>	<b>Drain</b>	10071	Customer Peak Load	2.887	3.244	3.868	3.834	3.659	3.376	3.109	2.426	2.183	2.280	2.314	2.257
309																
310	<u>East End</u>	<b>East End</b>	10142	Customer Peak Load	3.509	3.745	4.315	4.214	3.875	3.488	3.971	4.888	6.299	6.331	5.191	4.218
311																
312	<u>Eatonville</u>	<b>Eatonville</b>	10144	Customer Peak Load	5.668	6.995	8.065	8.234	7.442	6.917	5.980	4.215	3.395	3.234	3.393	3.556
313																
314	<u>Ellensburg</u>	<b>Ellensburg</b>	10072	Customer Peak Load	34.575	35.629	38.045	40.683	37.650	33.793	30.708	26.894	30.426	34.959	33.303	31.161
315																
316	<u>Elmhurst</u>	<b>Elmhurst</b>	10156	Customer Peak Load	45.922	62.658	72.261	75.021	66.792	58.442	44.926	37.540	32.518	33.681	34.817	34.654
317																
318	<u>Emerald</u>	<b>Emerald</b>	10157	Customer Peak Load	108.617	114.830	129.289	126.352	123.954	115.060	112.663	85.885	82.901	95.276	94.410	84.706
319																
320	<u>Energy Northwest</u>	<b>Energy Northwest</b>	10158	Customer Peak Load	2.452	2.967	3.403	3.469	3.394	2.829	2.713	2.524	2.535	2.677	2.752	2.400
321																
322	<u>EWEB</u>	<b>EWEB</b>	10170	Customer Peak Load	341.058	380.278	423.859	429.535	412.550	373.794	338.493	275.420	278.480	313.123	316.788	286.888
323																
324	<u>Fairchild</u>	<b>Fairchild</b>	10172	Customer Peak Load	7.004	7.418	7.773	8.119	7.621	6.897	7.240	7.979	8.256	8.610	8.556	7.473
325																
326	<u>Farmers</u>	<b>Farmers</b>	10174	Customer Peak Load	0.706	0.879	1.091	1.101	0.941	0.846	0.741	0.643	0.638	0.662	0.621	0.563
327																
328	<u>Ferry</u>	<b>Ferry</b>	10177	Customer Peak Load	12.973	15.089	17.049	17.442	17.354	15.495	13.563	11.723	9.430	9.339	9.426	10.729
329																
330	<u>Flathead</u>	<b>Flathead</b>	10179	Customer Peak Load	258.560	302.444	328.224	337.330	325.522	281.026	270.683	221.473	211.404	243.951	234.084	224.358
331																
332	<u>Forest Grove</u>	<b>Forest Grove</b>	10074	Customer Peak Load	42.550	48.889	54.196	52.292	50.144	45.859	42.038	33.750	35.362	40.040	40.380	38.502
333																
334	<u>Glacier</u>	<b>Glacier</b>	10186	Customer Peak Load	26.359	30.806	33.109	34.558	34.727	31.958	27.830	24.686	24.479	24.930	24.022	25.347

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
335	<u>Glacier</u>	<u>Glacier</u>														
336	<b>Grant</b>	<b>Grant</b>	10190	Customer Peak Load	6.916	11.775	13.590	12.915	10.764	9.064	7.781	6.193	5.692	6.870	6.352	5.218
337																
338	<u>Harney</u>	<u>Harney</u>	10197	Customer Peak Load	22.669	11.019	14.415	13.465	11.849	13.277	38.010	55.497	51.436	58.579	54.388	48.970
339																
340	<u>Hermiston</u>	<u>Hermiston</u>	10597	Customer Peak Load	15.915	18.413	20.555	19.466	18.382	16.147	14.431	18.787	19.634	24.208	23.200	19.043
341																
342	<u>Heyburn</u>	<u>Heyburn</u>	10076	Customer Peak Load	7.943	9.301	9.969	10.322	9.626	8.953	8.300	7.104	7.558	8.000	7.589	6.943
343																
344	<u>Hood River</u>	<u>Hood River</u>	10202	Customer Peak Load	23.327	24.623	26.080	26.290	24.637	22.743	21.660	18.111	14.135	15.777	19.075	20.440
345																
346	<u>Idaho County</u>	<u>Idaho County</u>	10203	Customer Peak Load	9.198	11.434	13.020	13.210	12.769	11.003	9.476	8.452	7.241	8.499	8.290	7.403
347																
348	<u>Idaho Falls Power</u>	<u>Idaho Falls Power</u>	10204	Customer Peak Load	102.501	122.101	138.601	142.946	139.277	121.202	107.807	95.742	104.445	110.449	108.486	96.083
349																
350	<u>Inland</u>	<u>Inland</u>	10209	Customer Peak Load	142.826	181.049	195.977	219.547	216.585	181.612	157.720	139.950	130.326	154.586	150.618	133.250
351																
352	<u>Jefferson</u>	<u>Jefferson</u>	12026	Customer Peak Load	69.686	91.180	99.360	102.512	95.879	84.321	71.485	58.959	51.746	46.667	47.799	52.383
353																
354	<u>Kittitas</u>	<u>Kittitas</u>	10230	Customer Peak Load	16.532	21.078	23.558	23.633	21.893	19.892	18.081	15.055	13.808	16.134	15.872	13.782
355																
356	<u>Kootenai</u>	<u>Kootenai</u>	10234	Customer Peak Load	69.293	88.940	99.361	95.283	82.872	78.382	69.469	63.067	67.460	75.949	76.004	64.697
357																
358	<u>Lakeview</u>	<u>Lakeview</u>	10235	Customer Peak Load	42.236	51.129	54.257	56.233	51.993	47.484	43.398	33.713	34.749	37.172	36.572	34.130
359																
360	<u>Lewis</u>	<u>Lewis</u>	10237	Customer Peak Load	171.273	196.569	222.638	210.502	202.781	191.034	178.650	134.192	121.796	132.664	130.610	119.864
361																
362	<u>Lost River</u>	<u>Lost River</u>	10242	Customer Peak Load	8.027	9.218	9.550	8.674	8.522	7.536	6.580	17.767	21.537	24.142	21.751	15.589
363																
364	<u>Lower Valley</u>	<u>Lower Valley</u>	10244	Customer Peak Load	118.257	153.219	192.156	182.772	186.681	152.435	125.858	112.014	105.492	91.809	91.753	105.644
365																
366	<u>Mason 1</u>	<u>Mason 1</u>	10246	Customer Peak Load	10.844	14.966	16.259	17.397	15.593	14.578	11.861	9.958	6.839	6.814	6.419	7.441
367																
368	<u>Mason 3</u>	<u>Mason 3</u>	10247	Customer Peak Load	110.630	124.707	142.906	143.225	136.900	128.711	117.941	98.851	77.708	78.258	77.408	79.643
369																
370	<u>McCleary</u>	<u>McCleary</u>	10078	Customer Peak Load	6.403	6.997	7.627	7.494	7.381	7.054	6.557	5.141	4.755	4.627	4.653	4.837
371																
372	<u>McMinnville</u>	<u>McMinnville</u>	10079	Customer Peak Load	140.542	153.486	167.446	164.945	164.615	152.785	149.328	133.710	131.313	142.936	142.538	137.183
373																
374	<u>Midstate</u>	<u>Midstate</u>	10256	Customer Peak Load	61.115	78.665	100.013	82.341	78.354	65.289	66.168	57.286	47.985	41.436	41.116	51.085
375																
376	<u>Milton</u>	<u>Milton</u>	10080	Customer Peak Load	10.979	12.581	14.508	13.839	12.822	12.012	10.517	8.458	8.271	8.881	8.962	8.751
377																
378	<u>Milton-Freewater</u>	<u>Milton-Freewater</u>	10081	Customer Peak Load	17.043	21.197	25.828	25.148	22.774	18.747	17.161	14.658	15.679	18.526	18.238	16.016
379																
380	<u>Minidoka</u>	<u>Minidoka</u>	10082	Customer Peak Load	0.174	0.212	0.231	0.235	0.219	0.195	0.176	0.154	0.120	0.117	0.119	0.126
381																
382	<u>Mission Valley</u>	<u>Mission Valley</u>	10258	Customer Peak Load	65.641	81.982	89.170	93.743	93.836	81.568	68.658	59.936	53.023	60.439	59.881	57.380
383																
384	<u>Missoula</u>	<u>Missoula</u>	10259	Customer Peak Load	34.808	43.198	48.736	48.161	48.833	42.105	37.060	34.036	34.987	39.515	38.254	33.860

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
385	Missoula	Missoula														
386	<b>Modern</b>	<b>Modern</b>	10260	Customer Peak Load	31.898	37.746	41.795	41.858	40.111	36.055	30.605	29.685	33.326	40.147	38.571	33.289
387																
388	<b>Monmouth</b>	<b>Monmouth</b>	10083	Customer Peak Load	11.877	14.579	15.774	16.136	15.375	13.888	12.918	9.483	9.485	11.020	11.087	10.294
389																
390	<b>Nespelem</b>	<b>Nespelem</b>	10273	Customer Peak Load	10.988	11.420	12.538	12.451	11.195	10.223	14.383	15.696	16.693	18.389	17.888	16.514
391																
392	<b>NETL</b>	<b>NETL</b>	10406	Customer Peak Load	0.844	1.059	1.251	1.235	1.156	1.092	0.915	0.730	0.590	0.512	0.555	0.591
393																
394	<b>Northern Wasco</b>	<b>Northern Wasco</b>	10279	Customer Peak Load	100.191	107.630	116.681	118.305	115.398	110.765	111.658	103.288	107.876	117.388	117.398	110.166
395																
396	<b>Ohop</b>	<b>Ohop</b>	10284	Customer Peak Load	16.950	20.461	23.666	23.439	22.404	20.347	18.247	11.578	9.307	10.244	10.202	10.233
397																
398	<b>OPALCO</b>	<b>OPALCO</b>	10288	Customer Peak Load	36.048	45.044	55.348	52.579	48.581	44.282	40.271	26.728	23.969	25.614	24.607	25.946
399																
400	<b>Oregon Trail</b>	<b>Oregon Trail</b>	10291	Customer Peak Load	99.619	116.097	131.777	129.593	125.280	111.935	105.176	101.786	106.812	118.735	116.926	100.026
401																
402	<b>PAC</b>	<b>PAC</b>	10300	Customer Peak Load	298.873	323.463	358.836	353.710	343.262	324.846	333.253	271.675	234.359	264.412	240.122	237.500
403																
404	<b>Pacific</b>	<b>Pacific</b>	10294	Customer Peak Load	54.868	67.755	75.988	77.022	71.673	69.478	59.766	49.374	38.515	35.327	35.193	40.065
405																
406	<b>Parkland</b>	<b>Parkland</b>	10304	Customer Peak Load	17.474	24.172	27.431	27.969	25.387	21.448	17.861	15.365	13.816	14.001	14.251	15.110
407																
408	<b>Peninsula</b>	<b>Peninsula</b>	10307	Customer Peak Load	105.979	126.073	149.268	148.592	135.592	124.172	104.870	84.648	76.396	79.420	79.477	80.371
409																
410	<b>Plummer</b>	<b>Plummer</b>	10086	Customer Peak Load	6.459	7.072	7.732	7.856	7.473	7.131	6.535	5.489	5.075	4.830	4.852	5.251
411																
412	<b>PNGC</b>	<b>Blachly-Lane</b>	10029	Customer Peak Load	29.790	32.234	34.963	34.929	33.492	32.745	31.135	26.592	25.595	25.325	24.923	25.181
413																
414		<b>CEC</b>	10046	Customer Peak Load	123.700	179.346	217.416	184.443	176.487	147.192	139.258	126.962	115.122	120.113	116.188	116.739
415																
416		<b>Clearwater</b>	10106	Customer Peak Load	34.733	42.364	48.176	44.810	43.850	38.565	35.061	31.778	26.868	27.964	27.986	28.542
417																
418		<b>Consumers</b>	10118	Customer Peak Load	45.924	50.652	60.160	63.107	62.752	54.278	51.133	41.761	32.751	42.279	42.912	37.851
419																
420		<b>Coos-Curry</b>	10121	Customer Peak Load	57.056	70.275	78.597	78.703	76.143	73.336	71.294	47.036	43.709	46.006	46.751	50.124
421																
422		<b>Douglas Elec</b>	10136	Customer Peak Load	28.213	33.993	37.854	36.678	36.720	33.106	32.369	25.513	22.883	22.910	23.898	21.157
423																
424		<b>Fall River</b>	10173	Customer Peak Load	41.801	51.797	63.379	61.689	60.226	51.938	44.171	43.817	61.515	70.827	57.964	40.876
425																
426		<b>Lane Electric</b>	10236	Customer Peak Load	55.033	63.895	71.267	64.518	62.958	54.649	50.886	32.604	29.392	31.071	30.781	29.530

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
427	<b>PNGC</b>	Lane Electric														
428		<b>Lincoln</b>	10239	Customer Peak Load	19.545	26.171	32.504	28.943	28.560	27.642	20.488	16.895	14.446	13.205	13.123	15.432
429																
430		<b>Northern Lights</b>	10278	Customer Peak Load	47.201	64.470	74.531	69.601	63.987	57.309	47.590	42.563	41.274	42.731	41.730	43.855
431																
432		<b>Okanogan Coop</b>	10285	Customer Peak Load	10.243	14.470	18.161	17.858	14.937	11.929	9.819	9.211	7.630	8.453	8.326	7.936
433																
434		<b>Raft River</b>	10331	Customer Peak Load	29.634	21.915	25.087	24.774	23.300	22.755	43.302	73.109	80.818	82.879	70.433	58.321
435																
436		<b>UEC</b>	10388	Customer Peak Load	215.498	200.807	235.594	227.731	231.895	224.449	252.218	261.957	314.974	319.909	325.284	298.113
437																
438		<b>West Oregon</b>	10448	Customer Peak Load	12.399	14.588	16.010	15.540	15.241	14.403	13.187	11.522	9.413	9.142	9.102	9.455
439																
440	<b>Port</b>	<b>Port</b>	10706	Customer Peak Load	21.891	21.920	22.224	22.390	22.022	22.173	22.005	22.663	23.946	25.281	25.252	24.014
441																
442	<b>Port Angeles</b>	<b>Port Angeles</b>	10087	Customer Peak Load	84.264	97.934	102.015	104.498	105.777	89.480	78.275	72.146	66.811	60.968	60.527	61.818
443																
444	<b>Ravalli County</b>	<b>Ravalli County</b>	10333	Customer Peak Load	21.912	25.067	30.226	30.484	28.816	24.996	21.721	21.666	20.792	23.251	23.321	19.336
445																
446	<b>Richland</b>	<b>Richland</b>	10089	Customer Peak Load	134.540	158.447	189.789	195.621	184.232	153.190	131.765	143.049	157.914	181.476	182.130	156.728
447																
448	<b>Riverside Electric</b>	<b>Riverside Electric</b>	10338	Customer Peak Load	3.000	3.679	4.124	4.094	4.030	3.450	3.349	3.887	5.030	4.669	4.185	3.573
449																
450	<b>Rupert</b>	<b>Rupert</b>	10091	Customer Peak Load	12.533	15.979	17.800	18.527	17.307	15.306	14.343	10.806	11.544	12.470	12.026	10.767
451																
452	<b>Salem</b>	<b>Salem</b>	10342	Customer Peak Load	50.572	60.270	70.691	64.519	61.877	55.544	51.725	48.061	49.978	62.827	61.278	55.160
453																
454	<b>Salmon River</b>	<b>Salmon River</b>	10343	Customer Peak Load	34.968	37.548	39.462	42.646	42.068	36.111	36.516	38.882	37.530	35.523	34.673	36.141
455																
456	<b>Skamania</b>	<b>Skamania</b>	10352	Customer Peak Load	25.489	29.679	34.506	35.502	32.681	30.015	27.319	23.012	19.374	19.679	19.778	19.917
457																
458	<b>Soda Springs</b>	<b>Soda Springs</b>	10094	Customer Peak Load	4.018	4.622	5.098	4.944	4.734	4.346	4.093	3.738	3.585	3.826	3.804	3.543
459																
460	<b>South Side</b>	<b>South Side</b>	10360	Customer Peak Load	6.309	6.712	8.034	7.957	7.346	6.356	9.774	12.408	16.796	16.076	13.582	10.491
461																
462	<b>Steilacoom</b>	<b>Steilacoom</b>	10379	Customer Peak Load	7.670	9.527	10.231	10.509	10.041	8.257	7.079	6.318	5.371	5.471	5.483	5.756
463																
464	<b>SUB</b>	<b>SUB</b>	10363	Customer Peak Load	134.108	155.268	172.284	169.528	166.855	147.949	138.526	106.814	108.145	119.921	121.033	112.339
465																
466	<b>Sumas</b>	<b>Sumas</b>	10095	Customer Peak Load	5.590	5.798	5.993	5.963	5.896	5.747	5.592	5.376	5.472	5.475	5.364	5.420
467																
468	<b>Surprise Valley</b>	<b>Surprise Valley</b>	10369	Customer Peak Load	16.824	15.732	24.268	19.526	16.574	14.746	24.763	35.471	33.961	37.414	34.925	27.941
469																
470	<b>Tanner</b>	<b>Tanner</b>	10371	Customer Peak Load	15.105	18.737	20.836	20.084	18.639	17.507	14.728	13.294	13.352	13.805	13.768	14.176
471																
472	<b>Tillamook</b>	<b>Tillamook</b>	10376	Customer Peak Load	84.610	98.627	100.786	40.874	37.294	34.956	32.558	28.485	22.115	25.502	24.361	26.832
473																
474	<b>Troy</b>	<b>Troy</b>	10097	Customer Peak Load	2.825	3.436	3.849	4.112	4.083	3.583	3.080	2.462	1.971	1.858	1.828	2.141
475																
476	<b>UIUC</b>	<b>UIUC</b>	10482	Customer Peak Load	6.252	6.366	6.596	6.439	6.313	6.201	6.142	6.219	6.258	6.485	6.566	6.462

**Table 14.2**  
**NT Load Forecast at Customer Peak**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
477	UIUC	UIUC														
478	<b>United Electric</b>	<b>United Electric</b>	10391	Customer Peak Load	31.118	38.000	42.273	41.034	40.405	34.715	32.105	38.785	51.451	49.184	43.241	37.133
479																
480	<b>USN Bangor</b>	<b>USN Bangor</b>	10409	Customer Peak Load	24.535	27.225	28.420	27.424	26.847	26.367	25.401	22.973	21.767	21.606	21.480	21.928
481																
482	<b>USN Bremerton</b>	<b>USN Bremerton</b>	10326	Customer Peak Load	34.248	38.441	48.815	44.459	39.970	45.562	45.435	40.941	41.499	38.616	30.305	30.091
483																
484	<b>USN Everett</b>	<b>USN Everett</b>	10408	Customer Peak Load	1.690	1.814	1.861	1.883	1.856	1.863	1.797	1.699	1.555	1.502	1.513	1.602
485																
486	<b>Vera</b>	<b>Vera</b>	10434	Customer Peak Load	38.343	46.462	49.117	47.627	48.330	44.903	38.221	34.683	38.978	46.871	45.680	40.008
487																
488	<b>Vigilante</b>	<b>Vigilante</b>	10436	Customer Peak Load	20.446	24.970	27.142	27.519	28.624	23.454	20.469	33.365	37.217	40.904	35.336	27.913
489																
490	<b>Wahkiakum</b>	<b>Wahkiakum</b>	10440	Customer Peak Load	4.230	7.244	6.844	10.044	5.405	4.713	4.462	2.846	2.456	2.211	2.651	2.998
491																
492	<b>Wasco</b>	<b>Wasco</b>	10442	Customer Peak Load	14.578	19.392	26.048	21.904	20.565	16.155	16.088	16.076	17.526	20.208	19.305	15.061
493																
494	<b>Weiser</b>	<b>Weiser</b>	11680	Customer Peak Load	7.473	9.307	10.063	10.355	9.702	8.426	7.674	7.497	9.437	10.744	10.579	8.942
495																
496	<b>Whatcom</b>	<b>Whatcom</b>	10451	Customer Peak Load	28.797	29.005	28.927	29.084	29.125	28.461	27.611	28.139	29.993	28.562	28.237	28.378
497																
498	<b>WREC</b>	<b>WREC</b>	10446	Customer Peak Load	104.051	109.029	114.517	114.727	110.992	108.180	103.731	102.271	105.877	109.013	108.082	104.214
499																
500	<b>Yakama</b>	<b>Yakama</b>	10502	Customer Peak Load	6.642	7.405	7.460	7.467	7.411	7.188	6.447	6.593	7.242	7.687	7.604	6.894
501																
502	<b>Total Customer Peak Load</b>				<b>7030</b>	<b>8076</b>	<b>9006</b>	<b>8890</b>	<b>8510</b>	<b>7783</b>	<b>7374</b>	<b>6673</b>	<b>6588</b>	<b>7043</b>	<b>6944</b>	<b>6537</b>

**Table 15**  
**Utility Delivery Forecast**  
**(Annual Average of Monthly Peak MegaWatts)**

A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	
		FY 2018													
Customer	Cust ID	Delivery Point	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	<b>Ashland</b>	<b>10057</b>	Mountain Avenue 12.5 kV	8.231	8.597	11.954	9.402	11.295	10.058	8.445	7.239	10.375	13.164	11.739	10.353
2															
3	<b>Bandon</b>	<b>10059</b>	Bandon 12.5 kV - BNDN	5.337	6.615	6.708	8.741	7.776	7.229	5.019	3.573	3.888	3.735	3.668	3.925
4			Langlois 12.5 kV - BNDN	0.398	0.541	0.655	0.588	0.648	0.574	0.546	0.414	0.288	0.337	0.541	0.430
5			Two Mile 12.5 kV	2.829	3.309	3.562	4.130	3.926	3.901	3.913	2.734	1.990	2.218	2.374	1.956
6															
7	<b>Big Bend</b>	<b>10027</b>	Eagle Lake 13.8 kV	4.473	4.644	5.992	5.011	3.999	3.310	6.605	7.829	11.410	12.135	12.036	8.859
8			Glade 13.8 kV - BBEC	3.997	3.847	4.213	4.282	4.293	3.026	5.356	7.732	9.490	9.929	9.730	7.063
9			Ringold 13.8-BBEC	1.598	1.700	1.617	1.989	1.879	1.277	2.348	3.776	5.278	5.530	5.300	3.804
10			Scooteney 13.8-BBEC	1.210	1.323	1.434	1.377	1.085	0.916	1.762	2.334	3.772	4.242	3.759	2.491
11															
12	<b>Bonnors Ferry</b>	<b>10062</b>	Bonnors Ferry 13.8-BNRF	3.535	4.709	4.879	4.105	3.215	3.050	2.769	2.615	2.536	2.872	1.366	2.475
13			North Bench 13.8-BNRF	2.701	3.027	4.474	3.862	4.413	4.076	2.877	2.484	2.022	2.779	4.360	3.144
14															
15	<b>Cascade Locks</b>	<b>10065</b>	Acton 13.8 kV	0.423	0.495	0.569	0.561	0.503	0.465	0.448	0.393	0.438	0.467	0.463	0.416
16			Cascade Locks 13.8 kV	2.273	2.909	3.097	3.048	2.879	2.695	2.282	1.796	1.783	1.808	1.916	1.827
17															
18	<b>Central Lincoln</b>	<b>10047</b>	Mapleton 12.5 kV	1.909	2.197	2.834	2.507	2.601	2.168	2.166	1.447	1.180	1.256	1.262	1.238
19															
20	<b>Columbia REA</b>	<b>10113</b>	Burbank 12.5 kV	1.694	2.055	2.392	2.445	2.417	1.854	1.360	1.415	2.206	2.577	2.549	2.361
21			Stateline 12.5 kV	2.168	1.108	0.457	0.287	0.264	0.864	1.849	1.832	1.492	1.556	1.841	1.538
22															
23	<b>Coulee Dam</b>	<b>10378</b>	Coulee Dam 12 kV-COUL	1.510	2.531	3.339	3.234	3.381	2.465	1.133	1.391	1.591	1.948	1.910	1.330
24															
25	<b>Drain</b>	<b>10071</b>	Drain 12.5-Drain	2.269	2.626	3.011	3.037	3.113	2.750	2.238	1.999	1.733	1.953	2.095	2.018
26															
27	<b>Eatonville</b>	<b>10144</b>	Lynch Creek 12.5-EATV	4.117	5.050	6.974	5.610	6.341	6.129	4.225	3.114	2.809	2.736	2.940	2.963
28															
29	<b>Franklin County</b>	<b>10183</b>	Ringold 13.8-FCPD	3.432	1.447	2.391	2.238	2.272	2.010	4.109	4.124	6.131	6.749	6.748	5.116
30															
31	<b>Grant</b>	<b>10190</b>	Grand Coulee 12 kV	3.303	5.627	6.061	6.632	5.137	3.996	3.549	2.605	2.648	3.456	3.226	2.600
32															
33	<b>Hood River</b>	<b>10202</b>	Hood River 12.5 kV	0.269	0.690	0.188	0.574	0.508	0.358	0.326	0.049	0.000	0.000	0.000	0.177
34			Parkdale 12.5-HOOD	5.734	6.836	8.114	6.436	6.642	7.383	4.544	4.299	3.796	4.473	4.847	4.809
35															
36	<b>Lower Valley</b>	<b>10244</b>	Swan Valley 12.5 kV	1.451	1.905	2.609	2.409	2.130	1.801	1.423	1.210	1.603	1.889	1.580	1.123
37															
38	<b>Mason 3</b>	<b>10247</b>	Potlatch 12.5 kV	2.531	3.162	4.100	3.920	3.569	3.540	2.642	2.138	1.564	1.658	1.714	1.390
39															
40	<b>Milton</b>	<b>10080</b>	Surprise Lake 12.5 kV	9.268	11.314	13.265	12.324	11.614	10.841	9.377	6.921	7.136	7.511	7.749	7.423
41															
42	<b>Minidoka</b>	<b>10082</b>	Minidoka 2.4 kV	0.127	0.168	0.185	0.199	0.169	0.142	0.118	0.092	0.085	0.085	0.082	0.075
43															
44	<b>Monmouth</b>	<b>10083</b>	Monmouth 12.5 kV - MONM	5.581	6.552	6.898	7.259	7.118	6.073	5.382	4.308	4.366	5.205	5.233	4.772
45															
46	<b>NETL</b>	<b>10406</b>	Albany 12.5 kV-DOE	0.555	0.816	0.924	0.961	0.961	0.826	0.655	0.501	0.400	0.470	0.460	0.432



**Table 15**  
**Utility Delivery Forecast**  
**(Annual Average of Monthly Peak MegaWatts)**

	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P
47	NETL	10406													
48	<b>Ohop</b>	<b>10284</b>	Lynch Creek 12.5-OHOP	0.714	0.997	1.195	1.061	1.043	0.969	0.720	0.439	0.353	0.522	0.519	0.336
49															
50	<b>PAC</b>	<b>10300</b>	Albany PAC NT DP	6.338	6.204	8.842	6.571	6.719	6.261	5.843	4.944	5.472	6.710	7.732	6.673
51			Bandon PAC NT DP	2.414	2.078	2.531	1.802	2.188	1.886	1.294	1.360	1.158	1.106	1.212	1.853
52															
53	<b>PNGC</b>	<b>10029</b>	Blachly-Lane												
54			Alderwood 12.5 kV	3.874	4.973	6.420	5.638	5.423	4.616	4.358	3.087	2.708	3.079	3.328	2.938
55			Walton 12.5 kV	0.706	1.003	0.908	0.914	0.973	0.879	0.669	0.556	0.565	0.392	0.638	0.516
56		<b>10118</b>	Consumers												
57			Burnt Woods 24.9 kV	1.428	1.876	2.061	2.029	1.914	1.723	1.384	1.238	1.061	1.068	1.200	0.796
58			Harrisburg 12.5 kV	2.783	3.179	3.722	4.032	3.347	3.152	3.639	2.027	1.649	3.230	4.339	3.321
59			Monmouth 12.5 kV - CP	1.608	1.843	1.945	2.335	1.787	1.875	1.864	1.162	0.798	1.385	1.436	0.971
60			North Butte 12.5 kV	1.036	1.388	1.639	1.515	1.499	1.343	1.154	0.869	0.957	0.653	0.990	1.147
61			Tumble Creek 24.9 kV	1.091	1.468	1.908	1.684	1.497	1.336	1.168	0.929	0.844	1.176	1.088	0.862
62		<b>10121</b>	Coos-Curry												
63			Langlois 12.5 kV - CCEC	1.742	1.827	1.729	1.704	1.637	1.823	1.358	1.165	1.230	1.230	0.809	1.136
64			Port Orford 12.5 kV	3.335	4.461	4.719	4.553	4.252	3.896	3.689	2.882	2.697	2.968	3.651	3.704
65		<b>10136</b>	Douglas Elec												
66			Drain 12.5-DEC	1.854	2.263	2.337	2.737	2.601	2.627	2.614	1.928	1.730	2.044	2.237	1.718
67			Gardiner 13.8 kV-DEC	0.436	0.480	0.598	0.537	0.548	0.540	0.468	0.445	0.326	0.322	0.318	0.344
68			Reedsport 12.5-DEC	0.540	0.656	0.857	0.814	0.766	0.665	0.614	0.597	0.347	0.399	0.330	0.372
69		<b>10278</b>	Northern Lights												
70			Bonnors Ferry 13.8-NORT	2.331	3.433	4.080	3.120	3.047	2.814	2.202	1.831	1.849	1.867	1.977	1.897
71			Laclede 13.8 kV	4.956	5.750	6.531	5.098	5.060	6.000	3.848	5.978	4.525	5.385	5.444	4.860
72			North Bench 13.8-NORT	2.829	3.518	4.202	3.729	3.317	3.158	2.607	2.156	1.798	2.388	2.654	1.816
73			Sandpoint 13.8 kV	1.876	2.872	3.357	2.802	2.260	2.217	1.692	1.443	1.237	1.556	1.882	1.774
74			Selle 13.8 kV	4.457	6.491	8.965	7.041	5.560	5.912	3.858	2.831	2.431	2.901	2.878	3.074
75			Yaak 12.5 kV	0.867	1.174	1.269	1.106	0.977	0.922	0.790	0.649	0.683	0.745	0.733	0.707
76		<b>10285</b>	Okanogan Coop												
77			Winthrop 12.47 kV	6.924	9.939	12.448	12.725	10.460	7.963	6.439	5.442	5.444	6.182	6.257	5.131
78		<b>10331</b>	Raft River												
79			Grouse Creek 138 kV	0.229	0.329	0.451	0.486	0.398	0.373	0.353	0.799	0.817	0.823	0.802	0.549
80		<b>10448</b>	West Oregon												
81			Necanicum 12.5 kV	0.438	0.463	0.423	0.518	0.500	0.505	0.438	0.289	0.194	0.189	0.176	0.198
82	<b>Steilacoom</b>	<b>10379</b>	Steilacoom 12.5 kV	6.669	8.923	9.626	8.984	8.757	7.457	5.656	4.891	3.898	4.381	4.544	4.439
83															
84	<b>Surprise Valley</b>	<b>10369</b>	Davis Creek 12.5 kV	0.509	0.416	0.798	0.390	0.332	0.182	0.401	0.836	1.577	1.542	1.470	1.256
85															
86	<b>Tacoma Power</b>	<b>10370</b>	Ketron Island	0.064	0.076	0.084	0.094	0.077	0.074	0.070	0.035	0.021	0.027	0.024	0.023
87															
88	<b>Troy</b>	<b>10097</b>	Troy 13.8-Troy	2.151	2.819	3.420	3.093	3.336	2.817	2.343	1.766	1.444	1.675	1.685	1.441
89															

**Table 15**  
**Utility Delivery Forecast**  
(Annual Average of Monthly Peak MegaWatts)

	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P
91	<b>Total Utility Delivery</b>			<b>147.1</b>	<b>176.7</b>	<b>210.0</b>	<b>194.3</b>	<b>184.4</b>	<b>167.8</b>	<b>149.0</b>	<b>132.9</b>	<b>139.8</b>	<b>158.7</b>	<b>161.8</b>	<b>140.0</b>
92	<b>Total PTP Delivery (Franklin)</b>			<b>3.4</b>	<b>1.4</b>	<b>2.4</b>	<b>2.2</b>	<b>2.3</b>	<b>2.0</b>	<b>4.1</b>	<b>4.1</b>	<b>6.1</b>	<b>6.7</b>	<b>6.7</b>	<b>5.1</b>
93	<b>Total NT Delivery</b>			<b>143.7</b>	<b>175.3</b>	<b>207.6</b>	<b>192.0</b>	<b>182.2</b>	<b>165.8</b>	<b>144.9</b>	<b>128.8</b>	<b>133.7</b>	<b>151.9</b>	<b>155.1</b>	<b>134.8</b>

			FY 2019												
Customer	Cust ID	Delivery Point	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
94	<b>Ashland</b>	<b>10057</b>	Mountain Avenue 12.5 kV	8.328	8.697	12.052	9.491	11.392	10.150	8.531	7.335	10.477	13.262	11.838	10.447
95															
96	<b>Bandon</b>	<b>10059</b>	Bandon 12.5 kV - BNDN	5.351	6.632	6.726	8.764	7.796	7.247	5.032	3.582	3.898	3.745	3.678	3.935
97			Langlois 12.5 kV - BNDN	0.398	0.541	0.655	0.588	0.648	0.574	0.546	0.414	0.288	0.337	0.541	0.430
98			Two Mile 12.5 kV	2.836	3.318	3.571	4.141	3.936	3.911	3.923	2.741	1.995	2.224	2.380	1.961
99															
100	<b>Big Bend</b>	<b>10027</b>	Eagle Lake 13.8 kV	4.537	4.730	6.087	5.098	4.083	3.374	6.674	7.901	11.498	12.218	12.122	8.941
101			Glade 13.8 kV - BBEC	4.035	3.898	4.260	4.334	4.350	3.064	5.398	7.780	9.542	9.983	9.786	7.115
102			Ringold 13.8-BBEC	1.599	1.702	1.618	1.991	1.883	1.280	2.349	3.777	5.278	5.531	5.301	3.805
103			Scotene 13.8-BBEC	1.210	1.324	1.434	1.379	1.087	0.918	1.762	2.335	3.772	4.243	3.760	2.491
104															
105	<b>Bonniers Ferry</b>	<b>10062</b>	Bonniers Ferry 13.8-BNRF	3.571	4.756	4.923	4.141	3.259	3.095	2.802	2.646	2.573	2.914	1.394	2.513
106			North Bench 13.8-BNRF	2.693	3.009	4.460	3.853	4.398	4.060	2.871	2.478	2.011	2.765	4.360	3.134
107															
108	<b>Cascade Locks</b>	<b>10065</b>	Acton 13.8 kV	0.423	0.495	0.569	0.561	0.503	0.465	0.448	0.393	0.438	0.467	0.463	0.416
109			Cascade Locks 13.8 kV	2.273	2.909	3.097	3.048	2.879	2.695	2.282	1.796	1.783	1.808	1.916	1.827
110															
111	<b>Central Lincoln</b>	<b>10047</b>	Mapleton 12.5 kV	1.905	2.192	2.828	2.503	2.596	2.164	2.163	1.443	1.177	1.253	1.259	1.236
112															
113	<b>Columbia REA</b>	<b>10113</b>	Burbank 12.5 kV	1.699	2.061	2.399	2.452	2.424	1.859	1.364	1.420	2.212	2.585	2.557	2.368
114			Stateline 12.5 kV	2.184	1.116	0.460	0.289	0.266	0.870	1.863	1.845	1.503	1.568	1.855	1.550
115															
116	<b>Coulee Dam</b>	<b>10378</b>	Coulee Dam 12 kV-COUL	1.521	2.550	3.364	3.258	3.406	2.484	1.142	1.401	1.603	1.963	1.924	1.340
117															
118	<b>Drain</b>	<b>10071</b>	Drain 12.5-Drain	2.274	2.632	3.018	3.044	3.120	2.757	2.243	2.004	1.738	1.958	2.100	2.023
119															
120	<b>Eatonville</b>	<b>10144</b>	Lynch Creek 12.5-EATV	4.125	5.060	6.988	5.621	6.354	6.142	4.233	3.120	2.814	2.742	2.946	2.969
121															
122	<b>Franklin County</b>	<b>10183</b>	Ringold 13.8-FCPD	3.430	1.451	2.396	2.246	2.283	2.016	4.109	4.118	6.128	6.746	6.748	5.116
123															
124	<b>Grant</b>	<b>10190</b>	Grand Coulee 12 kV	3.329	5.651	6.085	6.663	5.164	4.020	3.575	2.629	2.673	3.484	3.254	2.626
125															
126	<b>Hood River</b>	<b>10202</b>	Hood River 12.5 kV	0.269	0.690	0.188	0.574	0.508	0.358	0.326	0.049	0.000	0.000	0.000	0.177
127			Parkdale 12.5-HOOD	5.780	6.895	8.188	6.484	6.701	7.454	4.584	4.344	3.845	4.531	4.912	4.868
128															
129	<b>Lower Valley</b>	<b>10244</b>	Swan Valley 12.5 kV	1.451	1.905	2.609	2.409	2.130	1.801	1.423	1.210	1.603	1.889	1.580	1.123
130															
131	<b>Mason 3</b>	<b>10247</b>	Potlatch 12.5 kV	2.537	3.170	4.110	3.930	3.578	3.549	2.648	2.144	1.568	1.662	1.719	1.393

**Table 15**  
**Utility Delivery Forecast**  
**(Annual Average of Monthly Peak MegaWatts)**

	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P
132	Mason 3	10247													
133	<b>Milton</b>	<b>10080</b>	Surprise Lake 12.5 kV	9.313	11.368	13.329	12.383	11.670	10.894	9.421	6.955	7.169	7.546	7.786	7.459
134															
135	<b>Minidoka</b>	<b>10082</b>	Minidoka 2.4 kV	0.127	0.168	0.185	0.199	0.169	0.142	0.118	0.092	0.085	0.085	0.082	0.075
136															
137	<b>Monmouth</b>	<b>10083</b>	Monmouth 12.5 kV - MONM	5.608	6.585	6.932	7.296	7.154	6.103	5.409	4.329	4.388	5.231	5.260	4.796
138															
139	<b>NETL</b>	<b>10406</b>	Albany 12.5 kV-DOE	0.555	0.816	0.924	0.961	0.961	0.826	0.655	0.501	0.400	0.470	0.460	0.432
140															
141	<b>Ohop</b>	<b>10284</b>	Lynch Creek 12.5-OHOP	0.716	0.999	1.198	1.064	1.046	0.971	0.722	0.439	0.354	0.523	0.520	0.337
142															
143	<b>PAC</b>	<b>10300</b>	Albany PAC NT DP	6.357	6.227	8.886	6.609	6.755	6.292	5.874	4.971	5.498	6.741	7.775	6.680
144			Bandon PAC NT DP	2.467	2.126	2.587	1.849	2.241	1.932	1.328	1.399	1.193	1.139	1.251	1.901
145															
146	<b>PNGC</b>	<b>10029</b>	Blachly-Lane												
147			Alderwood 12.5 kV	3.874	4.973	6.420	5.638	5.423	4.616	4.358	3.087	2.708	3.079	3.328	2.938
148			Walton 12.5 kV	0.706	1.003	0.908	0.914	0.973	0.879	0.669	0.556	0.565	0.392	0.638	0.516
149		<b>10118</b>	Consumers												
150			Burnt Woods 24.9 kV	1.432	1.881	2.067	2.034	1.919	1.728	1.388	1.241	1.064	1.071	1.203	0.798
151			Harrisburg 12.5 kV	2.793	3.190	3.735	4.049	3.358	3.162	3.652	2.034	1.654	3.241	4.354	3.333
152			Monmouth 12.5 kV - CP	1.614	1.849	1.952	2.344	1.793	1.882	1.870	1.166	0.800	1.390	1.441	0.974
153			North Butte 12.5 kV	1.039	1.391	1.643	1.519	1.503	1.347	1.157	0.871	0.959	0.654	0.992	1.150
154			Tumble Creek 24.9 kV	1.094	1.472	1.913	1.688	1.501	1.339	1.171	0.932	0.846	1.179	1.091	0.865
155		<b>10121</b>	Coos-Curry												
156			Langlois 12.5 kV - CCEC	1.742	1.827	1.729	1.704	1.637	1.823	1.358	1.165	1.230	1.230	0.809	1.136
157			Port Orford 12.5 kV	3.335	4.461	4.719	4.553	4.252	3.896	3.689	2.882	2.697	2.968	3.651	3.704
158		<b>10136</b>	Douglas Elec												
159			Drain 12.5-DEC	1.859	2.269	2.344	2.744	2.609	2.634	2.621	1.933	1.735	2.050	2.243	1.722
160			Gardiner 13.8 kV-DEC	0.436	0.480	0.598	0.537	0.548	0.540	0.468	0.445	0.326	0.322	0.318	0.344
161			Reedsport 12.5-DEC	0.540	0.656	0.857	0.814	0.766	0.665	0.614	0.597	0.347	0.399	0.330	0.372
162		<b>10278</b>	Northern Lights												
163			Bonnors Ferry 13.8-NORT	2.333	3.437	4.082	3.123	3.051	2.818	2.206	1.834	1.854	1.870	1.984	1.900
164			Laclede 13.8 kV	5.020	5.814	6.598	5.150	5.113	6.065	3.895	6.041	4.587	5.453	5.506	4.917
165			North Bench 13.8-NORT	2.832	3.522	4.204	3.733	3.321	3.162	2.612	2.158	1.803	2.393	2.662	1.820
166			Sandpoint 13.8 kV	1.895	2.890	3.376	2.820	2.276	2.235	1.709	1.457	1.252	1.572	1.900	1.790
167			Selle 13.8 kV	4.462	6.496	8.970	7.049	5.566	5.920	3.865	2.836	2.437	2.906	2.883	3.080
168			Yaak 12.5 kV	0.882	1.189	1.284	1.120	0.990	0.936	0.803	0.662	0.696	0.759	0.748	0.720
169		<b>10285</b>	Okanogan Coop												
170			Winthrop 12.47 kV	6.958	9.974	12.483	12.760	10.495	7.997	6.472	5.472	5.480	6.220	6.295	5.164
171		<b>10331</b>	Raft River												
172			Grouse Creek 138 kV	0.229	0.329	0.451	0.486	0.398	0.373	0.353	0.799	0.817	0.823	0.802	0.549
173		<b>10448</b>	West Oregon												
			Necanicum 12.5 kV	0.438	0.463	0.423	0.518	0.500	0.505	0.438	0.289	0.194	0.189	0.176	0.198

**Table 15**  
**Utility Delivery Forecast**  
(Annual Average of Monthly Peak MegaWatts)

	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P
174	PNGC	10448													
175	<b>Steilacoom</b>	<b>10379</b>	Steilacoom 12.5 kV	6.707	8.963	9.668	9.022	8.795	7.496	5.688	4.924	3.929	4.416	4.580	4.473
176															
177	<b>Surprise Valley</b>	<b>10369</b>	Davis Creek 12.5 kV	0.509	0.416	0.798	0.390	0.332	0.182	0.401	0.836	1.577	1.542	1.470	1.256
178															
179	<b>Tacoma Power</b>	<b>10370</b>	Ketron Island	0.064	0.076	0.084	0.094	0.077	0.074	0.070	0.035	0.021	0.027	0.024	0.023
180															
181	<b>Troy</b>	<b>10097</b>	Troy 13.8-Troy	2.157	2.826	3.428	3.100	3.344	2.824	2.349	1.770	1.447	1.679	1.690	1.445
182															
183															
184	<b>Total Utility Delivery</b>			<b>147.9</b>	<b>177.5</b>	<b>210.9</b>	<b>195.1</b>	<b>185.3</b>	<b>168.6</b>	<b>149.7</b>	<b>133.6</b>	<b>140.5</b>	<b>159.4</b>	<b>162.6</b>	<b>140.7</b>
185	<b>Total PTP Delivery (Franklin)</b>			<b>3.4</b>	<b>1.5</b>	<b>2.4</b>	<b>2.2</b>	<b>2.3</b>	<b>2.0</b>	<b>4.1</b>	<b>4.1</b>	<b>6.1</b>	<b>6.7</b>	<b>6.7</b>	<b>5.1</b>
186	<b>Total NT Delivery</b>			<b>144.4</b>	<b>176.1</b>	<b>208.5</b>	<b>192.9</b>	<b>183.0</b>	<b>166.5</b>	<b>145.6</b>	<b>129.5</b>	<b>134.4</b>	<b>152.7</b>	<b>155.9</b>	<b>135.6</b>

**Table 16.1**  
**Transmission Credit Projects, Credits, and Interest at Current Rates, FY 2017-FY2019**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
#	Request	Forecasted Transmission Credit			Forecasted Interest		
1		FY 2017	FY 2018	FY 2019	FY 2017	FY 2018	FY 2019
2	GI Request 1	\$ 3,867	\$ -	\$ -	\$ 16	\$ -	\$ -
3	GI Request 2	\$ 1,108	\$ 792	\$ -	\$ 64	\$ 15	\$ -
4	GI Request 3	\$ 674	\$ 674	\$ 674	\$ 486	\$ 479	\$ 471
5	GI Request 4	\$ 893	\$ 893	\$ 893	\$ 163	\$ 135	\$ 105
6	GI Request 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	GI Request 6	\$ 845	\$ -	\$ -	\$ 9	\$ -	\$ -
8	GI Request 7	\$ 990	\$ 990	\$ 990	\$ 196	\$ 182	\$ 136
9	GI Request 8	\$ 6,071	\$ 6,071	\$ 6,071	\$ 2,466	\$ 2,336	\$ 2,201
10	GI Request 9	\$ 4,771	\$ 4,771	\$ 4,771	\$ 584	\$ 432	\$ 275
11	GI Request 10	\$ 650	\$ 113	\$ -	\$ 21	\$ 0	\$ -
12	GI Request 11	\$ 650	\$ 113	\$ -	\$ 21	\$ 0	\$ -
13	GI Request 12	\$ 50	\$ 9	\$ -	\$ 2	\$ 0	\$ -
14	GI Request 13	\$ 1,151	\$ 200	\$ -	\$ 36	\$ 0	\$ -
15	GI Request 14	\$ -	\$ 179	\$ 1,191	\$ 98	\$ 171	\$ 155
16	GI Request 15	\$ -	\$ -	\$ -	\$ 2	\$ 2	\$ 2
17	GI Request 16	\$ -	\$ -	\$ 89	\$ 51	\$ 348	\$ 503
18	GI Request 17	\$ -	\$ -	\$ -	\$ 39	\$ 40	\$ 41
19	GI Request 18	\$ 112	\$ 268	\$ 268	\$ 51	\$ 43	\$ 35
20	GI Request 19	\$ -	\$ -	\$ -	\$ 35	\$ 43	\$ 48
21	GI Request 20	\$ -	\$ -	\$ -	\$ 89	\$ 110	\$ 121
22	GI Request 21	\$ -	\$ -	\$ -	\$ 3	\$ 3	\$ 4
23	GI Request 22	\$ -	\$ -	\$ -	\$ 35	\$ 44	\$ 48
24	COI Request 1	\$ 44	\$ 18	\$ -	\$ 40	\$ -	\$ -
25	COI Request 2	\$ 731	\$ 296	\$ -	\$ 40	\$ -	\$ -
26	COI Request 3	\$ 731	\$ 296	\$ -	\$ 22	\$ 1	\$ -
27	COI Request 4	\$ 219	\$ 89	\$ -	\$ 56	\$ 4	\$ -
28	COI Request 5	\$ 175	\$ 71	\$ -	\$ 42	\$ 3	\$ -
29	COI Request 6	\$ 570	\$ 223	\$ -	\$ 2	\$ 0	\$ -
30	COI Request 7	\$ 1,462	\$ 573	\$ -	\$ 28	\$ 2	\$ -
31	COI Request 8	\$ 1,082	\$ 424	\$ -	\$ 28	\$ 2	\$ -
32	COI Request 9	\$ 1,462	\$ 199	\$ -	\$ 9	\$ 1	\$ -
33	COI Request 10	\$ 1,462	\$ 199	\$ -	\$ 7	\$ 0	\$ -
34	<b>Total Network</b>	<b>\$ 21,831</b>	<b>\$ 15,073</b>	<b>\$ 14,947</b>	<b>\$ 4,465</b>	<b>\$ 4,384</b>	<b>\$ 4,146</b>
35	<b>Total COI</b>	<b>\$ 7,941</b>	<b>\$ 2,388</b>	<b>\$ -</b>	<b>\$ 273</b>	<b>\$ 13</b>	<b>\$ -</b>
36	<b>Total</b>	<b>\$ 29,772</b>	<b>\$ 17,461</b>	<b>\$ 14,947</b>	<b>\$ 4,738</b>	<b>\$ 4,397</b>	<b>\$ 4,146</b>

**Table 16.2**  
**Transmission Credit Projects, Credits, and Interest at Proposed Rates, FY 2017-FY2019**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
#	Request	Forecasted Transmission Credit			Forecasted Interest		
1		FY 2017	FY 2018	FY 2019	FY 2017	FY 2018	FY 2019
2	GI Request 1	\$ 3,867	\$ -	\$ -	\$ 16	\$ -	\$ -
3	GI Request 2	\$ 1,108	\$ 792	\$ -	\$ 64	\$ 15	\$ -
4	GI Request 3	\$ 674	\$ 671	\$ 671	\$ 486	\$ 479	\$ 472
5	GI Request 4	\$ 893	\$ 890	\$ 890	\$ 163	\$ 135	\$ 105
6	GI Request 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	GI Request 6	\$ 845	\$ -	\$ -	\$ 9	\$ -	\$ -
8	GI Request 7	\$ 990	\$ 986	\$ 986	\$ 196	\$ 182	\$ 137
9	GI Request 8	\$ 6,071	\$ 6,050	\$ 6,050	\$ 2,466	\$ 2,337	\$ 2,202
10	GI Request 9	\$ 4,771	\$ 4,755	\$ 4,755	\$ 584	\$ 433	\$ 276
11	GI Request 10	\$ 650	\$ 113	\$ -	\$ 21	\$ 0	\$ -
12	GI Request 11	\$ 650	\$ 113	\$ -	\$ 21	\$ 0	\$ -
13	GI Request 12	\$ 50	\$ 9	\$ -	\$ 2	\$ 0	\$ -
14	GI Request 13	\$ 1,151	\$ 201	\$ -	\$ 36	\$ 0	\$ -
15	GI Request 14	\$ -	\$ 178	\$ 1,187	\$ 98	\$ 171	\$ 155
16	GI Request 15	\$ -	\$ -	\$ -	\$ 2	\$ 2	\$ 2
17	GI Request 16	\$ -	\$ -	\$ 89	\$ 51	\$ 348	\$ 503
18	GI Request 17	\$ -	\$ -	\$ -	\$ 39	\$ 40	\$ 41
19	GI Request 18	\$ 112	\$ 267	\$ 267	\$ 51	\$ 44	\$ 35
20	GI Request 19	\$ -	\$ -	\$ -	\$ 35	\$ 43	\$ 48
21	GI Request 20	\$ -	\$ -	\$ -	\$ 89	\$ 110	\$ 121
22	GI Request 21	\$ -	\$ -	\$ -	\$ 3	\$ 3	\$ 4
23	GI Request 22	\$ -	\$ -	\$ -	\$ 35	\$ 44	\$ 48
24	COI Request 1	\$ 44	\$ 18	\$ -	\$ 40	\$ -	\$ -
25	COI Request 2	\$ 731	\$ 296	\$ -	\$ 40	\$ -	\$ -
26	COI Request 3	\$ 731	\$ 296	\$ -	\$ 22	\$ 1	\$ -
27	COI Request 4	\$ 219	\$ 89	\$ -	\$ 56	\$ 4	\$ -
28	COI Request 5	\$ 175	\$ 71	\$ -	\$ 42	\$ 3	\$ -
29	COI Request 6	\$ 570	\$ 223	\$ -	\$ 2	\$ 0	\$ -
30	COI Request 7	\$ 1,462	\$ 573	\$ -	\$ 28	\$ 2	\$ -
31	COI Request 8	\$ 1,082	\$ 424	\$ -	\$ 28	\$ 2	\$ -
32	COI Request 9	\$ 1,462	\$ 199	\$ -	\$ 9	\$ 1	\$ -
33	COI Request 10	\$ 1,462	\$ 199	\$ -	\$ 7	\$ 0	\$ -
34	<b>Total Network</b>	<b>\$ 21,831</b>	<b>\$ 15,027</b>	<b>\$ 14,896</b>	<b>\$ 4,465</b>	<b>\$ 4,385</b>	<b>\$ 4,148</b>
35	<b>Total COI</b>	<b>\$ 7,941</b>	<b>\$ 2,388</b>	<b>\$ -</b>	<b>\$ 273</b>	<b>\$ 13</b>	<b>\$ -</b>
36	<b>Total</b>	<b>\$ 29,772</b>	<b>\$ 17,414</b>	<b>\$ 14,896</b>	<b>\$ 4,738</b>	<b>\$ 4,398</b>	<b>\$ 4,148</b>



