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QUALIFICATION STATEMENT OF

JUERGEN M. BERMEJO

Witness for the Bonneville Power Administration

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Q. *Please state your name, employer, and business address.*

A. My name is Juergen M. Bermejo. I am employed by the Bonneville Power Administration (BPA), Power services, 905 NE. 11th Avenue, Portland, Oregon.

Q. *In what capacity are you employed?*

A. I am a Public Utilities Specialist in Generation Support. My primary function is to analyze the impacts of control area wind on BPA's ability to schedule and operate the Federal Columbia River Power System (FCRPA).

Q. *Please state your educational background.*

A. I received a Bachelor of Business Administration (B.B.A.) from the University of Portland, School of Business, in May 1993.

Q. *Please summarize your professional experience.*

A. I began work at BPA as a student in 1991 assisting with the preparation of environmental assessments and data collection. From May 1993 to December 1997, I worked in the System Analysis Section developing and operating various models for analyzing hydro system sustained peaking capability, regional and BPA generation system reliability, and short-term coordination of operations. Specifically, I co-developed a linear programming model of the regional hydroelectric generating system's 35 primary projects for sustained peak generation analysis. Output from this optimization model was used by Pacific Northwest Utilities Conference Committee (PNUCC) for winter reliability studies. I contributed to the Northwest Power Pool Coordinating Group's Reliability Team by co-developing a stochastic, reliability evaluation model of the regional hydro-thermal power system to perform Loss of Load Probability (LOLP) calculations. Additionally, I developed a planning model for calculating variable energy content curves for operations planning.

1	From December 1997 to April 2007, I worked in the Power Business Risk
2	Management group performing near-term risk analysis. I developed a rolling 12-month,
3	Monte Carlo, revenue-at-risk model for evaluating physical and financial trading decisions,
4	analyzing risk mitigating strategies, and calculating the probability of meeting given revenue
5	and risk targets. I became the lead quantitative risk analyst directing a small group of
6	quantitative analysts in the continual development and evolution of analytic tools and
7	reports.
8	In April 2007, I began work in Generation Support. My primary function is to
9	analyze the impacts of control area wind on BPA's ability to schedule and operate the
10	FCRPS.
11	Q. *Please state your experience as a witness in previous proceedings.*
12	A. I was a witness in BPA's 2000 rate proceeding.
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