QUALIFICATION STATEMENT OF

JOHN G. ANASIS

Witness for the Bonneville Power Administration

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

A. My name is John G. Anasis. I am employed by the Bonneville Power Administration, (BPA) 5411 NE Highway 99,Vancouver, Washington, 98663.

Q. *In what capacity are you employed?*

A. I am an electrical engineer in the Transmission Business Line (TBL), Transmission Supply Group.

Q. *Please summarize your educational background.*

A. I received a Bachelor of Science Degree in Electrical Engineering from the University of Portland in 1985 and a Master's Degree in Public Administration from Portland State University in 1989. I also completed two graduate level courses in electrical power systems at the University of Portland in 1985, as well as a number of industry-sponsored seminars and short courses in power system dynamics, supervision, and utility policy issues. I am a licensed Professional Engineer in the State of Oregon and a Senior Member of the Institute of Electrical and Electronics Engineers.

Q. *Please summarize your professional experience.*

I was initially employed by BPA in 1985 as an electrical engineer in the Division of Electrical and Electronics Engineering. My primary responsibility was the design and analysis of Remedial Action Schemes (RAS) used to maintain power

system stability. In 1987, I moved to the Operations Engineering Section (OES) in BPA's Division of System Operations.

In OES I ran and analyzed powerflow, transient stability, and voltage stability studies to investigate power system operating conditions and to set operating limits. I wrote and maintained operating instructions for use by BPA's Dispatching Branch. I reviewed and assisted in the development of wheeling and power sales contracts, which impacted power system operations, participated in the planning of future power system facilities, and provided technical support for the development of on-line power system security tools. I also served as an industry advisor to the Electric Power Research Institute. In January 1992, I was appointed head of the Operations Engineering Section. In addition to performing my supervisory and technical duties for System Operations, I provided ongoing technical support to BPA's marketing efforts in the areas of transmission access, availability of transmission capacity, voltage/reactive control, load following, operating reserves, RAS, and contract review. I served on several special internal teams that assessed the impacts of the Energy Policy Act, reviewed reactive/voltage control issues, and developed BPA's 1992 Marketing Plan.

I joined the Transmission Product Development Group of the Transmission Business Line in July 1994. My duties included developing assessments and strategies for dealing with market restructuring, transmission access and comparability policy development, ancillary services issues, and development and implementation of BPA's Reactive Power Charge.

I transferred to my current position in the Transmission Supply Group in November 1997. I serve as BPA's Available Transmission Capability (ATC) Inventory Manager. My primary duties include developing procedures, automation systems, and policies for the calculation and posting of ATC on the Federal Columbia River Transmission System; assisting in the development of curtailment and redispatch procedures and systems; participating in outage coordination; dynamic scheduling; and reviewing proposed regional ATC standards.

Q. Please state your experience as a witness in previous proceedings.

A. I was a witness in BPA's 1996 Rate Case as a member of the panel that sponsored the Reactive Power Charge. I was also a witness in BPA's 2002 Rate Case as a member of the panel that sponsored the Failure to Comply Charge.

QUALIFICATION STATEMENT OF

MICHAEL R. FEDEROVITCH

Witness for the Bonneville Power Administration

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

A. My name is Michael R. Federovitch. I am employed by the Bonneville Power Administration (BPA), 5411 NE Highway 99, Vancouver, Washington 98663.

Q. *In what capacity are your employed?*

A. I am the Manager for Transmission Finance in the Marketing and Sales section of the Transmission Business Line (TBL).

Q. *Please state your educational background.*

A. I received a Bachelor of Science Degree in Business Administration with Honors, with a Major in Accounting from the University of Scranton, Scranton, Pennsylvania in 1972, and a Masters in Business Administration with Honors from the University of Portland Graduate School in 1979.

Q. *Please summarize your professional experience.*

A. I was first employed at BPA in May of 1977 as a financial systems accountant progressing to a senior position where I was responsible for maintaining, designing, and developing BPA's financial systems. I transferred to the Department of Energy in 1979 and served as a senior budget analyst for the Nuclear Materials Production Program that included the N Reactor, Plutonium Extraction Plant and other nuclear facilities at Richland, Washington. In June 1980, I returned to BPA and served the agency in various positions of increasing responsibility in the Office of Financial Management. From June of 1980 through April of 1985, I performed as a supervisory operating accountant managing the fiscal accounting

entity or branch. From April of 1985 until January of 1988, I held the position of BPA's Accounting Officer that was titled Director of the Division of Fiscal Accounting and Disbursement. My responsibilities included a full range of accounting, financial services, and disbursement activities for BPA from January of 1988 until February 1989, I served as the Branch Manager responsible for operation, maintenance, and development of BPA's financial systems and cost accounting. From February 1989 to June 1991, as Chief of the Residential Exchange Program Branch, I was responsible for managing the Residential Exchange Program including oversight of the average system cost methodology, related contracts and distribution of benefits.

In June 1991 I became Director of the Division of Administrative Services responsible for a budget in excess of $36 million spread between General and Administrative Support Services, Capital Equipment, and reimbursable areas. In October 1994, I became Manager for Purchasing and Supply. The Purchasing and Supply function managed transmission and general inventory through out the Northwest, requisitioned materials and equipment, bought, delivered, stored and disposed of supplies/property including materials and equipment for the system, and purchased contract support services.

In September 1996, I became a member of the newly established TBL. As the Manager of Budget, Scheduling and Estimating, I was responsible for the development and administration of the transmission system capital strategy, budget ($100M to $150M), project fund and cost controls and project performance measurements. Specific duties included budget development and analysis; program management; work order processing, scheduling and analysis; project cost estimating; cost analysis and utility and industry benchmarking. In June 1997, I accepted the position as Manager for Transmission Finance

that I currently hold. I provide leadership and direction to the TBL on a full array of financial activities. These include accounting, financial statement preparation, asset management, cost analysis, financing, budget formulation, implementation and evaluation for annual capital and expense expenditures ranging from $5 Billion to $1 Billion, economic or cost studies, and other financial services to support executive management decision making, financial reporting and ratemaking for the TBL. In this position, I chair the TBL capital investment board and sales and acquisition committee.

Q. Please state your experience as a witness in previous proceedings.

A. I have not previously been a witness for BPA; however, I was a witness in the Washington Utilities and Transportation Commission, Complainant, vs. Puget Sound Power and Light Company, Respondent, in the matter of the petition of Puget Sound Power and Light Company for an order approving periodic rate adjustment mechanism and related accounting in February 1991.

QUALIFICATION STATEMENT OF

DAVID L. GILMAN

Witness for the Bonneville Power Administration

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

A. My name is David L. Gilman. I am employed by the Bonneville Power Administration (BPA), 5411 N.E. Highway 99, Vancouver, Washington.

Q. In what capacity are you employed?

A. I am an electrical engineer in the Business Strategy and Assessment section of the Transmission Marketing and Sales group in BPA's Transmission Business Line (TBL) working primarily on Ancillary and Control Area Services rates and implementation.

Q. Please state your educational background.

A. I graduated from Oregon State University in 1969 with a Bachelor of Science degree in Electrical Engineering. I am a registered Professional Engineer in Oregon.

Q. Please summarize your professional experience.

A. I have worked for BPA since June 1968. I participated in several details in various areas of Engineering. From 1970 to 1973, I was assigned to the System Planning Section of System Engineering where I worked on various studies to determine adequacy of the BPA transmission system.

From 1974 to September 1994, I worked as an Electrical Engineer on the Advanced Planning Staff, Division of System Planning, Office of Engineering. I became a Senior Transmission Planning Engineer providing expert guidance for transmission planning and related economic analysis. My duties were: (1) studying long-range transmission requirements, including intertie and resource integration feasibility studies; and (2) studying

and developing BPA's transmission rates, contracts, and policy. Specific assignments have included segmentation development, wheeling loss assessment, and participation in the negotiation of wheeling contracts.

In September 1994, I was assigned to Strategic Planning and in 1996 reassigned to the Business Strategy and Assessment group, with the same function. My primary assignments were in the areas of transmission rates and contracts. In August 2000 I became the Ancillary Services Manager in the same group, where I develop and apply business practices for Ancillary and Control Area Services. The name of the group has since been changed to Transmission Contracts and Business Strategy and Assessment.

Q. *Please state your experience as a witness in previous proceedings.*

A. I was a witness in the following rate proceedings: for the segmentation of the Northern Intertie in the 1983 rate case; the Third AC Intertie Non-Federal Participation proceeding in 1992; transmission segmentation in the 1996 rate case; the segmentation for federal projects in the 2002 Power rate case; the Segmentation Study in the 2002 Transmission rate case: and in the 2002 Proposed Revision to the ACS-02 Generation Imbalance Service Rate case.

QUALIFICATION STATEMENT OF

RONALD J. HOMENICK

Witness for the Bonneville Power Administration

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

A. My name is Ronald J. Homenick. I am employed by the Bonneville Power Administration (BPA), 905 NE. 11th Avenue, Portland, Oregon, 97232 .

Q. In what capacity are you employed?

A. I am a financial analyst in the Financial Analysis and Requirements section of the Policy Management and Finance group in the Corporate Services.

Q. Please state your educational background.

A. I received a Bachelor of Arts degree in English from Kent State University in 1973.

Q. Please summarize your professional experience.

A. From 1982 to 1985, I was employed as a Computer Programmer/Analyst for Electronic Data Systems under contract with BPA. In that capacity, I worked with the group that is now part of Financial Analysis & Requirements, designing and implementing numerous BPA revenue requirement/cost of service computer applications and performing various financial analyses related to BPA's 1983 and 1985 rate cases.

In 1984, I researched historical costs and performed various financial analyses that formed the financial basis of BPA's compliance report to the Federal Energy Regulatory Commission on separate accounting for power and transmission functions.

In 1985, I became a BPA employee and worked for the group that is now the Financial Analysis & Requirements section. I have been employed as a financial analyst since 1986. In this capacity, I have been responsible for various financial analyses related to

revenue requirement development, such as preparation of the projected Federal Columbia River Power System investment base, depreciation forecasts, functionalization, and segmentation of the transmission revenue requirements.

I have been the primary analyst in Financial Services responsible for the annual preparation of the separate accounting analysis. I am also one of BPA's primary analysts in the area of repayment policy.

Q. Please state your experience as a witness in previous proceedings.

A. I have appeared as a witness on Revenue Requirement issues in BPA's 1991, 1993, 1995, and 1996 general rate proceedings, BPA's 3rd AC Intertie Non-Federal Participation rate case, BPA's 2002 wholesale power rate proceeding and the 2002 transmission rate proceeding.

QUALIFICATION STATEMENT OF

DANA M. JENSEN

Witness for the Bonneville Power Administration

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

A. My name is Dana M. Jensen. I am employed by the Bonneville Power Administration (BPA), 905 NE. 11th Avenue, Portland, Oregon, 97232.

Q. In what capacity are you employed?

A. I am a financial analyst in the Financial Analysis and Requirements in Policy Management & Finance, Corporate Services.

Q. Please state your educational background.

A. I received an Associates degree in Humanities and General Studies from Lane Community College, Eugene, Oregon in 1987; a B.S. degree in Finance and Management from the University of Oregon in 1989; and a MBA from Portland State University in 1995. My field of concentration was public finance.

Q. Please summarize your professional experience.

A. I am currently employed as a financial analyst at BPA. I provide economic and financial analytical support for rate case and regulatory proceedings. I serve as a senior technical analyst in developing cost, revenue, and financial forecasts and related analyses with the financial and operating condition of BPA, its business lines, customers, and competitors. I participate in preparing and implementing BPA's financial business strategy; measure financial performance against strategic goals; analyze industry and marketplace developments including potential State and Federal legislation that may affect BPA's future financial integrity; and develop and maintain financial data, forecast systems, and analytical tools.

In my previous position here at BPA, I (with one other person), developed a credit review function to assess creditworthiness and determine credit limits for new customers

(wholesale). I developed the procedures and a procedure manual, programmed rating criteria into our model, and developed a model to pull records from a data base program into Excel for manipulation and calculation and then to compile a user report. I performed credit analysis and review for our Environmental department on potential hazardous waste contractors. I conducted ad hoc analysis for customer account executives consisting of things such as financial profiles, ratio analysis, net present value project analysis, revenue and profit forecasts, cost-effectiveness, buy vs. lease, etc. I developed current and pro forma business line financial statements and developed and used financial models (using Excel) to identify and assess the financial effects of alternative capital spending and expense levels and financing alternatives. I served as an in-house management consultant, performing studies on efficiency, cost analysis, and feasibility. I also assisted staff end-users in computer troubleshooting and loading software.

Prior to BPA, I worked for two years as a residential mortgage loan processor and substitute loan officer at a savings bank. I conducted extensive credit and financial analysis of the borrowers and builders, reviewing private and corporate (mainly sub S) financial statements and other records. I compiled summary reports based on my analyses for the underwriters and loan committee.

From September 1994 to October 1996, I was a Reserve Police Officer for the City of Hillsboro.

Q. Have you ever been a witness in a rate case?

A. Yes. I was on the Revenue Requirements Panel in the 2002 Generation Rate Case.

QUALIFICATION STATEMENT OF

DENNIS E. METCALF

Witness for the Bonneville Power Administration

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

A. My name is Dennis E. Metcalf. I am employed by the Bonneville Power Administration (BPA), 5411 NE. Highway 99, Vancouver, Washington, 98663.

Q. In what capacity are you employed?

A. I am the Transmission Rates Manager in the Transmission Marketing portion of the Transmission Business Line (TBL). I have lead responsibility for the development and implementation of BPA's Transmission Rates and Tariffs.

Q. Please state your educational background.

A. I received a B.S. degree in Economics from Portland State University in 1973.

Q. Please summarize your professional experience.

A. I was initially employed at BPA in 1977 in the Division of Rates as an Industry Economist. For over 13 years I worked in the Division of Rates and the Division of Contracts and Rates. During this period, I worked on all aspects of BPA ratemaking, including retail rate review, transmission rates, cost allocation, nonfirm energy rates, power rate design, and rate case planning. I held several positions including Chief of the Rate Design Section, Chief of the Wholesale Rates Branch, and Deputy Director of the Divisions of Rates and of the Division of Contracts and Rates.

From 1991 to 1994 I was the Lower Columbia Area Power Manager. In that position I managed BPA's Power Sales business with its customers in Western Oregon and

Southwest Washington. My management functions included primarily load forecasting and contract negotiation and administration.

In 1994, I briefly served as a Direct Service Industry Account Executive.

From 1995 to 1996 I worked in Pricing, Marginal Cost and Ratemaking in a position similar to my current position. During that time I managed the development of BPA's 1995 and 1996 Transmission Rates and Transmission Terms and Conditions cases. In my current position, I managed development of BPA's 1995 and 1996 Transmission Rates and Transmission Terms and Conditions cases. In addition, I was BPA's lead representative on the IndeGo pricing team during 1996-1998. I have also been a member of BPA's core team to work on the formation of RTO West, focusing on pricing issues.

Q. Please state your experience as a witness in previous proceedings.

A. I filed written testimony and appeared as a witness in BPA's 1981, 1982, 1983, 1985, and 1987, 1995, 1996, and 2002 rate cases. In 1984, I testified before the Federal Energy Regulatory Commission on BPA's 1981 nonfirm energy rates. In 1986, I testified in BPA's Variable Industrial Rate Case.

QUALIFICATION STATEMENT OF

NANCY PARKER

Witness for the Bonneville Power Administration

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

A. My name is Nancy Parker. I am employed by the Bonneville Power Administration (BPA), 5411 NE. Highway 99, Vancouver, Washington, 98663.

Q. In what capacity are you employed?

A. I am a Public Utilities Specialist in the Transmission Business Line (TBL).

Q. Please state your educational background.

A. I received a B.S. degree in microbiology from the University of Michigan in 1975. I have completed a portion of the Master's degree program in Business Administration at Portland State University.

Q. Please summarize your professional experience at BPA.

A. Since September 1979 I have been a Public Utilities Specialist specializing in rate development. For BPA's 1981 rate filing, I prepared studies in support of BPA's wholesale power rates, particularly the Nonfirm Energy rate.

For BPA's 1982 and 1983 rate filings, I was responsible for preparing BPA's Wholesale Power Rate Design Study. I also prepared studies in support of BPA's Surplus Firm Power and Nonfirm Energy rates. I prepared major portions of testimony on rate design issues for each of these rate filings as well as for the Federal Energy Regulatory Commission's Section 7(k) hearings on BPA's NF-1 and NF-2 Nonfirm Energy rates.

In 1986 I prepared testimony for BPA's rate hearing on the Southern California Edison Contract (SC-86) rate, and in 1988 I was in charge of the Modified SC-86 rate process.

I was responsible for the implementation of the Section 7(b)(2) methodology in BPA's 1987 rate case and supervised the development of wholesale power rate projections.

From 1990 through the beginning of 1991, I oversaw the process in which BPA decided to continue the Variable Industrial (VI) rate after the first 5 years of implementation, and to extend the rate for an additional 3 years.

During 8 months of 1991, I was temporarily assigned to the Power Management staff of the Lower Columbia Area office.

In 1992 I joined the transmission rates staff. I have worked on transmission rate and terms and conditions issues since that time.

Q. Please state your experience as a witness in previous proceedings.

A. I appeared as a witness in the following BPA rate cases: the 1985 and 1987 general rate cases, testifying on power rate issues; the Modified SC-86 rate case; the 1990 VI rate case; and the 1993, 1996, and 2002 rate cases, testifying on transmission rate issues.

QUALIFICATION STATEMENT OF

ERIK D.WESTMAN

Witness for the Bonneville Power Administration

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

A. My name is Erik D. Westman. I am employed by the Bonneville Power Administration (BPA), 5411 NE. Highway 99, Vancouver, Washington, 98663.

Q. *In what capacity are your employed?*

A. I am the Transmission Risk Manager in the Business Strategy and Assessment section of the Transmission Marketing and Sales group of BPA's Transmission Business Line (TBL). I am responsible for the development and implementation of the risk management program in the Transmission Business Line.

Q. *Please state your educational background.*

A. I received a B.S. degree in Forestry Economics from Michigan State University in 1976 and an M.S. degree in Resource Economics from the Pennsylvania State University in 1985.

Q. *Please summarize your professional experience.*

A. I was first employed at BPA in May of 1985 as a load research analyst in the Planning and Evaluation Branch of the Office of Conservation. In this capacity I worked on studies of the effects of energy efficiency programs and load control programs on consumer electricity usage and improving BPA ability to forecast energy savings.

From 1988 to 1994, I served as an economist in the Planning Branch of the Office of Energy Resources. During this period I conducted economic analyses of capital projects for new generation, energy efficiency programs and other investments related to the FCRPS. I was responsible for BPA's forecast of the long run marginal cost of generation. These

studies incorporated the use of decision analysis and simulation techniques from the field of Operations Research.

In 1994 I joined the staff of the Senior Vice President for BPA's Transmission Business Line as a Cost and Asset Analyst. In this capacity I provided economic and financial analysis consulting for Transmission asset management planning, operations planning and strategic business planning.

In March of 1997, I assumed my current position as the Transmission Risk Manager responsible for the development and implementation of the risk management program for the business line and coordination of transmission risk management issues with BPA corporate risk management. I am responsible for transmission risk assessments and reporting, evaluations of transmission risk control and mitigation strategies. I provide consulting on economic issues and risk analysis methods within the Transmission Business Line.

Q. *Please state your experience as a witness in previous proceedings.*

A. I performed the financial risk analysis and provided testimony on that work for BPA's 2002 Transmission Rate Case.

QUALIFICATION STATEMENT OF

JOHN R. WOERNER

Witness for the Bonneville Power Administration

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

A. My name is John R. Woerner. I am employed by the Bonneville Power Administration (BPA), 5411 NE. Highway 99, Vancouver, Washington, 98663.

Q. *In what capacity are you employed?*

A. I am an Industry Economist in BPA's Transmission Business Line (TBL), Transmission Contracts and Business Strategy and Assessment group.

Q. *Please state your educational background.*

A. I received a B.A. and M.A. degrees in Economics from the University of Montana in 1970 and 1975, respectively. I minored in philosophy and math as an undergraduate and emphasized econometrics during graduate school. Following this, I worked for 1 year in a Ph.D. program in geography at the University of Washington, where I studied regional economics and quantitative methods.

Q. *Please state your professional experience.*

A. I was employed as a research assistant for the Bureau of Business and Economic Research, University of Montana in 1974-1975. Since March 1980, I have worked for BPA specializing in rate development and forecasting. In BPA's 1981 and 1982 rate cases, I worked on the time-differentiation of power rates. I ran the Wholesale Power Rate Design computer program in BPA's 1983 rate case. From 1984 to 1993, I was responsible for the Transmission Rate Design model. I developed a statistical wheeling energy forecast model for BPA's 1987 transmission rate case as a front-end model to the Transmission Rate Design

Study (TRDS). This model was used to forecast energy sales for rate-setting purposes through the 1993 case. I designed and populated the 1996 Transmission Rate Design Study, with similar responsibilities in the 2002 Transmission Rate Case. My current responsibilities include forecasting TBL revenue.

Q. *Please state your experience as a witness in previous proceedings.*

A. In BPA's 1987 rate case, I sponsored the above-mentioned statistical wheeling forecasting model as an exhibit to the TRDS. I was a member of the transmission rates panel sponsoring the TRDS in the 1993, 1996, and 2002 rate cases.