

# 2003 Safety-Net Cost Recovery Adjustment Clause Initial Proposal

## WITNESS QUALIFICATIONS

March 2003



## 2003 LIST OF WITNESSES FOR SN-03 RATE CASE

### Alphabetical List of Witnesses

<b>Anderson, Robert W.</b>	<b>SN-03-Q-BPA-01</b>
<b>Andrews, Claudia R.</b>	<b>SN-03-Q-BPA-02</b>
<b>Clark, Harry W.</b>	<b>SN-03-Q-BPA-18</b>
<b>Conger Jr., Sidney L.</b>	<b>SN-03-Q-BPA-03</b>
<b>Hirsch, Jon A.</b>	<b>SN-03-Q-BPA-05</b>
<b>Homenick, Ronald J.</b>	<b>SN-03-Q-BPA-06</b>
<b>Keep, Byron G.</b>	<b>SN-03-Q-BPA-07</b>
<b>Kerns, Steven R.</b>	<b>SN-03-Q-BPA-08</b>
<b>Klippstein, Janet R.</b>	<b>SN-03-Q-BPA-09</b>
<b>Leathley, Kimberly A.</b>	<b>SN-03-Q-BPA-10</b>
<b>Lefler, Valerie A.</b>	<b>SN-03-Q-BPA-11</b>
<b>Lovell, Byrne E.</b>	<b>SN-03-Q-BPA-12</b>
<b>Mainzer, Elliot E.</b>	<b>SN-03-Q-BPA-14</b>
<b>McCoy, Timothy D.</b>	<b>SN-03-Q-BPA-15</b>
<b>Miller, Carol A.</b>	<b>SN-03-Q-BPA-16</b>
<b>Misley, Timothy C.</b>	<b>SN-03-Q-BPA-17</b>
<b>Normandeau, Michael R.</b>	<b>SN-03-Q-BPA-19</b>
<b>Oliver, Stephen</b>	<b>SN-03-Q-BPA-20</b>
<b>Petty, Robert J.</b>	<b>SN-03-Q-BPA-22</b>
<b>Russell, Randy B.</b>	<b>SN-03-Q-BPA-23</b>
<b>Sapp, James C.</b>	<b>SN-03-Q-BPA-24</b>
<b>Steele, David M.</b>	<b>SN-03-Q-BPA-25</b>
<b>Schiewe, Roger P.</b>	<b>SN-03-Q-BPA-26</b>
<b>Wagner, Arnold L.</b>	<b>SN-03-Q-BPA-27</b>
<b>Wedlund Jr, Spencer G.</b>	<b>SN-03-Q-BPA-28</b>

1 QUALIFICATION STATEMENT OF

2 ROBERT W. ANDERSON

3 Witness for the Bonneville Power Administration

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

5 A. My name is Robert W. Anderson. I am employed by the Bonneville Power  
6 Administration (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Public Utilities Specialist working in the Bulk Hub.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Economics from Portland State University. I  
11 received a Master of Science degree in Economics from the University of Oregon.

12 *Q. Please summarize your professional experience.*

13 A. I have been employed by BPA since 1985. From 1985 to 1989, I was the Puget Sound  
14 Area Economist.

15 In 1989, I transferred to BPA headquarters in Portland. Since transferring to  
16 Portland, I have worked in Long-Term Forecasting, Market Intelligence, and Rates.

17 I have also worked as an international utility consultant.

18 In 1989, I worked in El Salvador on an electric rate design and load forecasting  
19 project sponsored by the U.S. Agency for International Development (AID).

20 In 1992, I again worked on an AID project in El Salvador, determining utility  
21 asset valuation for rate base estimation.

22 In 1994, I worked in Greater Micronesia, estimating revenue requirements for  
23 electric utilities. This project was sponsored by the U.S. Army Corps of Engineers and  
24 the Department of the Interior.

1           In 1994, I worked in Panama on a water utility project to forecast long-term  
2 consumption, design rates, estimate marginal cost, and analyze proposed projects. This  
3 project was sponsored by the Inter-American Development Bank.

4           In 1997, I worked in Laos, conducting a cost/benefit analysis on the Nam Theun  
5 II hydroelectric project. This project was sponsored by the World Bank.

6           In 2000 and 2001 I worked in Moldova. I prepared a least cost power plan. This  
7 project was sponsored by the U.S. Agency for International Development.

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

9 A.   I was a witness in the 2000 rate case.

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1 QUALIFICATION STATEMENT OF

2 CLAUDIA R. ANDREWS

3 Witness for the Bonneville Power Administration

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

5 A. My name is Claudia R. Andrews. I am employed by the Bonneville Power  
6 Administration (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am the Manager for Capital and Risk Management in Corporate Finance.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Arts degree in Biology and French from St. Olaf College in  
11 1978, and Master of Business Administration from Atkinson Graduate School of  
12 Management, Willamette University in 1987. My fields are finance and accounting.

13 *Q. Please summarize your professional experience.*

14 A. In June 1990, I began work at BPA in the Division of Material and Procurement. In that  
15 capacity I managed the Personal Property Section in the Material Management Branch.

16 In September 1994, I assumed the position of Financial Analyst in Financial  
17 Forecasting, Corporate Finance. In this position, I prepared forecasts of agency financial  
18 statements and analyzed the potential financial outcomes of management actions.

19 In November 2002, I became the Manager of Capital and Risk Management. In  
20 that capacity, I manage BPA's debt portfolio, and investment, credit, and other risk  
21 management policies.

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

23 A. I have no experience as a witness in previous proceedings.  
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1 QUALIFICATION STATEMENT OF

2 HARRY W. CLARK

3 Witness for the Bonneville Power Administration

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

5 A. My name is Harry W. Clark. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Public Utilities Specialist for Bulk Power Marketing with the primary  
9 responsibility as the direct service industry's (DSI) Account Services Representative.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Civil Engineering from California State  
12 University in 1981. My main field of study was soil mechanics and mathematics.

13 *Q. Please summarize your professional experience.*

14 A. In June 1981, I began work in BPA's Engineering Pool.

15 In December 1981, I started working in the Division of Power Supply as a  
16 programmer in the Technical Support Section and worked at various other positions  
17 within Power Supply.

18 In 1987, I moved to Power Supply's Contract Administration Section  
19 administering Direct Service Industrial (DSI) and utility contracts until 1993.

20 In 1994, I began working as a hydraulic engineer forecasting streamflows for  
21 Power Supply's short-term and mid-term hydro models.

22 In April 1997, I joined the Bulk Power Marketing Hub as the DSI Account  
23 Servicing Representative responsible for administering DSI contracts. In addition, I  
24 assist BPA Account Executives with various DSI analyses and projects.

1 *Q. Please state your experience as a witness in previous proceedings.*  
2 A. In BPA's 2002 Initial Power Rate Case I served as a witness for BPA's Service Proposal  
3 for Direct Service Industrial Customers.  
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1 QUALIFICATION STATEMENT OF

2 SIDNEY L. CONGER, JR.

3 Witness for the Bonneville Power Administration

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

5 A. My name is Sidney L. Conger, Jr. I am employed by the Bonneville Power  
6 Administration (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Senior Risk Analyst in the Risk Management section for the Power Business Line.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Agribusiness from Louisiana State University  
11 in 1980 and a Master of Science degree in Agricultural Economics from Louisiana State  
12 University in 1984. In addition, I have completed 28 semester hours towards a Ph.D. in  
13 Agricultural Economics at Washington State University.

14 *Q. Please summarize your professional experience.*

15 A. Between the years 1984 and 1986, and again briefly in 1988, I worked as a Researcher at  
16 two academic institutions (Louisiana State University and Washington State University).  
17 My responsibilities included collecting data, developing computer applications to  
18 perform economic and statistical analyses, and writing publications documenting analysis  
19 results.

20 I have been employed at BPA since 1988. My primary responsibilities since 1988  
21 have been to develop methodologies for assessing and mitigating BPA's financial risk  
22 due to revenue and expense variations outside of BPA's control.

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

24 A. I worked on the Revenue Forecast and Risk Analysis supporting BPA's 1989 Wholesale  
25 Power Rate filing and BPA's 1991 Variable Industrial Power Rate filing.

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1                    In BPA's 1991, 1993, 1996, and 2002 Wholesale Power Rate filings, I was  
2                    responsible for the development of BPA's Risk Analysis models and was a witness on the  
3                    Risk Analysis. Additionally, I sponsored testimony in BPA's 1996 Wholesale Power  
4                    Rate filing in support of the Revenue Forecast and Marginal Cost Analysis.  
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1 QUALIFICATION STATEMENT OF

2 JON A. HIRSCH

3 Witness for the Bonneville Power Administration

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

5 A. My name is Jon A. Hirsch. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am an industry economist for the Eastern Power Business Area in the Power Business  
9 Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Economics from the University of Wisconsin-  
12 Madison in 1974, and a Master of Business Administration degree in 1981 from Portland  
13 State University.

14 *Q. Please summarize your professional experience.*

15 A. In September of 1983, I began work at BPA in the Division of Power Forecasting. I  
16 worked in the Economic Forecasting Section on various employment, economic, and  
17 demographic forecasting issues including development of the Regional Economic Model.

18 In 1988, I transferred to the Utility Forecasting Section where I dealt with hourly  
19 and peak forecasting issues, including calibration and operation of BPA's Hourly Electric  
20 Load Model (HELM).

21 I developed the JIM (Jon's Impact Model) that was used to assess the rate impacts  
22 beginning in 1994 of proposed rate changes on individual utilities. I also developed the  
23 Margin Impact Tool (MIT) used during the Load Commitment Exercise of 1996 for  
24 determining allowable diversification levels. Since September 1996, I have been  
25 assigned to the Eastern Area Business Area responsible for sales forecasting, pricing, and  
26 other analyses pertaining to the sales and marketing of power to public agencies.

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

2 A. For the 1991 rate case, I participated on the panel that sponsored testimony on the load  
3 forecast, specifically related to the forecast ranges and the simulation model which  
4 incorporated economic and temperature deviations to the load forecasting process. For  
5 the 2002 rate case I participated on panels in both the May 2000 and the June 2001  
6 proceedings sponsoring testimony related to the development of the sales forecasts of the  
7 public utility customers.

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1 QUALIFICATION STATEMENT OF

2 RONALD J. HOMENICK

3 Witness for the Bonneville Power Administration

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

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

7 *Q. In what capacity are you employed?*

8 A. I am a Financial Analyst, Financial Analysis and Requirements in Policy Management  
9 and Finance, Corporate Services.

10 *Q. Please state your educational background.*

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

12 *Q. Please summarize your professional experience.*

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

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

21 In 1985, I came to work for BPA in what is now part of Financial Analysis and  
22 Requirements. I have been employed as a Financial Analyst since 1986. In this capacity,  
23 I have been responsible for various financial analyses related to revenue requirement  
24 development, such as preparation of the projected Federal Columbia River Power System  
25 investment base, depreciation forecasts, functionalization, and segmentation of the  
26 transmission revenue requirements.

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

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

5 A. I appeared as a witness on Revenue Requirement issues in BPA's 1987, 1989, 1993,  
6 1995, and 1996 general rate proceedings, BPA's 3<sup>rd</sup> AC Intertie Non-Federal  
7 Participation rate case, BPA's 2002 wholesale power rate proceeding, and BPA's 2002  
8 and 2004 transmission rate proceedings.

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1 QUALIFICATION STATEMENT OF

2 BYRON G. KEEP

3 Witness for the Bonneville Power Administration

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

5 A. My name is Byron G. Keep. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Public Utilities Specialist in the Power Products, Pricing, and Rates section and  
9 the Rates Analysis Process Manager for the Power Business Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Science from Oregon State University in 1968,  
12 a Bachelor of Science degree in Mathematics and in Economics from Portland State  
13 University in 1974, and an Master of Science degree in Economics from Portland State  
14 University in 1976. My fields of concentration were econometrics and public finance.

15 *Q. Please summarize your professional experience.*

16 A. In March 1976, I began work at BPA and after working in various positions at BPA, I  
17 began working in the Division of Power Forecasting in January 1978. In that capacity, I  
18 worked on various forecasting issues and conducted analyses involving various load and  
19 resource scenarios. At the time of my transfer to the Rate Forecasting section, I was the  
20 technical team leader responsible for regional industrial load forecasting.

21 In April 1982, I joined the Rate Forecasting section as the technical team leader  
22 responsible for conducting the section 7(b)(2) rate test and BPA's long-term rate  
23 projections. In this capacity, I was a member of the technical panel supporting the  
24 section 7(b)(2) rate test. In addition, I worked on various other analyses, including the  
25 Washington Public Power Supply System net billed nuclear project bond refinancing,  
26 repayment reform, the Third AC Intertie, the Columbia Basin Project, the resource

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Witness: Byron G. Keep

1 strategy, and the joint BPA/Regional Council long-term load forecast. Concurrently from  
2 March 1976 through March 1978, I was an economics instructor at Portland Community  
3 College and from January 1980 through June 1983, I was an Adjunct Professor of  
4 Economics at Portland State University.

5 In April 1992, I was appointed Acting Section Chief of the Rate Design section in  
6 the Branch of Power Rates.

7 For the 1993 rate case, I participated on panels that sponsored testimony in  
8 support of the Interim Rate Adjustment (IRA), the power shortage rate, and the  
9 unauthorized increase.

10 In September 1993, I was appointed Section Chief of the Rate Forecasting  
11 section, and in August 1994, I was selected as Manager for Rate Forecasting.

12 During the 1996 rate case, I was appointed Manager for Rate Forecasting and  
13 Analysis. In this capacity I co-sponsored testimony in support of The Wholesale Power  
14 Rate Development Study, in particular, how BPA modeled the development of rates.  
15 In addition, I continued to co-sponsor the testimony in support of the section 7(b)(2) rate  
16 test.

17 In the 2002 rate case I co-sponsored testimony in support of various topics  
18 including the Wholesale Power Rate Development Study, Rate design, the section 7(b)(2)  
19 rate test, the Marginal Cost Analysis, SLICE and various other topics. In addition, for the  
20 Settlement proposal, I was the lead negotiator for BPA.

21 In February 2001, I was appointed Manager for Power Products, Pricing and  
22 Ratemaking.

1 QUALIFICATION STATEMENT OF

2 STEVEN R. KERNS

3 Witness for the Bonneville Power Administration

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

5 A. My name is Steve Kerns. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Hydro Core Team Lead/Power Operations Specialist.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Engineering Physics from Miami University,  
11 Oxford, Ohio, in 1984.

12 I received a Master of Science degree in Applied Physics from the Johns Hopkins  
13 University Whiting School of Engineering, Baltimore, Maryland, in 1989.

14 *Q. Please summarize your professional experience.*

15 A. After starting at BPA as a contractor in 1992, I became involved with the development of  
16 models that simulate the operation of the hydro system. Subsequently, I became a  
17 member of a team of analysts that perform analyses that assess operational and marketing  
18 strategies to meet BPA business goals. For the past few years, I have been serving as  
19 team lead for this group.

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

21 A. I have no previous experience as a rate case witness.

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1 QUALIFICATION STATEMENT OF

2 JANET ROSS KLIPPSTEIN

3 Witness for the Bonneville Power Administration

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

5 A. My name is Janet Ross Klippstein. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Public Utilities Specialist, Bulk Marketing and Transmission Services for the Power  
9 Business Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Geography from Oregon State University in  
12 1975 and a Master of Business Administration degree from Portland State University in  
13 1998.

14 *Q. Please summarize your professional experience.*

15 A. In February 1990, I began work at BPA as the Marketing Manager for the Regional,  
16 Commercial-Sector Energy Efficiency Program.

17 In July 1997, I began working in the PBL's Bulk Hub Account Services section. I  
18 forecast and track revenue and energy amounts for the long-term contracts with entities out  
19 of the region and with the region's investor-owned utilities and direct service industries. My  
20 other responsibilities are coordinating long-term inventory and coordinating implementation  
21 of the long-term contracts and cost recovery adjustment clauses.

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

23 A. For the 2002 rate case, I participated on the panel that sponsored testimony for the Loads  
24 and Resources Study.

1 QUALIFICATION STATEMENT OF

2 KIMBERLY A. LEATHLEY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Kimberly A. Leathley. I am employed by the Bonneville Power  
6 Administration (BPA), Power Business Line (PBL), 905 NE 11th Avenue, Portland,  
7 Oregon.

8 *Q. In what capacity are you employed?*

9 A. I am the Manager of Business Strategy, Finance and Risk Management organization in  
10 the PBL.

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science degree in Economics with a minor in Mathematics from  
13 Willamette University in 1991. My field of concentration was econometrics.

14 *Q. Please summarize your professional experience.*

15 A. From 1990-1991, I was employed by the State of Oregon Executive Department as an  
16 assistant economist to the Oregon State Economist in the Office of Economic Analysis.  
17 In this capacity, I assisted in the development of the Governor's Recommended Budget.

18 From 1991-1994, I was employed by BPA as an economist responsible for  
19 conducting analyses and forecasts of employment, population, income, and other  
20 demographic indicators as well as developing competitive assessments for BPA's market  
21 segments.

22 From 1994 through 1995, I was employed by BPA as an Associate Account  
23 Executive. In this capacity, I assisted the AEs responsible for public utility customers in  
24 eastern Oregon, southeastern Washington, and southern Idaho. I coordinated and  
25 developed load forecasts, economic analysis, competitive assessments, and rate impact  
26 assessment tools.

1           From 1995-1999, I was employed by BPA as an Account Executive. In this  
2 capacity I was responsible for developing and assessing financial and economic analyses;  
3 negotiating and implementing power sales transactions; developing, writing, and  
4 implementing contracts; developing and implementing bulk power marketing strategies;  
5 and, PBL policy development. Concurrent with these responsibilities, in 1998, I assumed  
6 the lead responsibility in the PBL for the development and implementation of the  
7 proposed settlement of the post-2001 Residential Exchange Program in the Subscription  
8 Strategy (December 1998). This responsibility included working with a broad array of  
9 BPA's constituencies including customer groups, interest groups, and state  
10 representatives.

11           From 1999-2002, I was employed by BPA as the manager for Manager of Pricing  
12 and Transaction Analysis for the Power Business Line's Bulk Marketing and  
13 Transmission Services group. In this capacity I managed the organization responsible for  
14 short-, mid-, and long-term price forecasting and secondary revenue forecasting, the  
15 PBL's long-term augmentation strategy, all non-requirements product pricing, all  
16 economic analysis support related to non-requirements transactions, and short-term  
17 marketing strategy development and analysis in support of BPA's trading floor function.

18           From 2002-present, I am employed by BPA as the manager for Business Strategy,  
19 Finance and Risk Management for the Power Business Line. In this capacity I manage  
20 the organizations responsible for coordinating, managing, and producing the business  
21 strategy, including research and analysis of the business environment and preparation of  
22 agency and PBL strategic plans; managing the annual process for establishing PBL  
23 business goals and targets and developing organizational plans to meet objectives;  
24 coordinating and managing PBL financial policy, financial system development and  
25 implementation; capital and expense budgeting; and managerial reporting, including  
26 financial target preparation and performance measurement; establishing, implementing,

1 and monitoring risk management objectives and mitigation strategies, including working  
2 with affected organizations to identify, quantify, and mitigate risks.

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

4 A. I testified in BPA's 2000 power rate case regarding various aspects of the power market,  
5 including secondary revenue and long-term market price forecasts.

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1 QUALIFICATION STATEMENT OF

2 VALERIE A. LEFLER

3 Witness for the Bonneville Power Administration

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

5 A. My name is Valerie A. Lefler. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Financial Analyst in the Financial Analysis and Requirements group in Corporate  
9 Finance.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Zoology from North Carolina State University  
12 in 1973. I have also completed accounting, statistics, and business law courses at  
13 Portland State University.

14 *Q. Please summarize your professional experience.*

15 A. From 1981 to 1988, I was a Tax Auditor and Supervisory Tax Auditor with the Internal  
16 Revenue Service. From 1988 to 1993, I was a Personnel Management Specialist, first  
17 with the Internal Revenue Service then with BPA.

18 In 1993, I began work as a Financial Analyst working on revenue requirements.  
19 I have been responsible for conducting research and analysis on a variety of financial data  
20 related to revenue requirements and repayment. I drafted portions of and coordinated the  
21 1993 Final Proposal Revenue Requirement Study and Record of Decision (ROD), the  
22 1995 Initial Proposal Revenue Requirement Study, the 1996 Revenue Requirement  
23 Study, Documentation and ROD, the May 2000 Revenue Requirement Study,  
24 Documentation and ROD, and the June 2001 Supplemental Study and ROD.

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

2 A. I appeared as a witness in BPA's 1995, 1996, May 2000 and June 2001 general and  
3 power rate adjustment proceedings, where I sponsored, as a member of a witness panel,  
4 the Revenue Requirement Study, Revenue Requirement Study Documentation, and  
5 related direct and rebuttal testimony on Revenue Requirement Issues, as well as the risk  
6 mitigation Testimony for the May 2000 Proposal.

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1 QUALIFICATION STATEMENT OF

2 BYRNE E. LOVELL

3 Witness for the Bonneville Power Administration

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

5 A. My name is Byrne E. Lovell. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am employed as a Policy Strategist in the Strategic Planning group for BPA's Corporate  
9 Services.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Mathematics from Pomona College in 1974, a  
12 Master of Science degree in Counseling from the University of Oregon in 1980, and a  
13 Doctor of Philosophy degree in Systems Science from Portland State University in 1995.

14 *Q. Please summarize your professional experience.*

15 A. I worked in the field of civil engineering after college, before pursuing my counseling  
16 degree in 1978. I worked as a mental health therapist from 1980 to 1983, when I entered  
17 the System Science doctoral program at Portland State University.

18 In 1984, I began working for BPA through a cooperative student program in the  
19 Resource Planning section of what was to become the Office of Energy Resources. I  
20 helped develop and maintain mathematical models, and performed analytical studies  
21 (e.g., studies of the demand curve for Pacific Southwest market for nonfirm energy).

22 In 1988, I wrote the Accelerated California Market Estimator, a simple and faster  
23 tool for Southwest market estimation.

24 In March 1991, I was appointed Chief of the Analytic Development section in the  
25 Power Systems Branch of the Office of Energy Resources. I was responsible for  
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1 directing the activities of the section in developing and maintaining models that simulate  
2 various aspects of the operation of the Federal and regional power systems.

3 In June 1994, I was appointed to a Financial Analyst position in the Finance  
4 group. In that position I was responsible for several aspects of financial risk  
5 management, including serving as the lead in the Financial Service group for financial  
6 risk management activities in BPA's current general rate proceedings.

7 In May 1997, I was appointed to my current position as Policy Strategist. I have  
8 continued to support BPA's risk analysis work. I have been acting as the senior staff  
9 analyst for BPA's probabilistic approach to analyzing fish funding, and for the non-  
10 operating risks in BPA's 1999 Power Rate Case. I am the author of the current version of  
11 the Toolkit and the Non-Operating Risk Model (NORM).

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

13 *A.* I appeared as a witness in BPA's 1995 and 1996 general rate proceedings and in the  
14 May 2000 and June 2001 phases of the 2002 rate case, where I co-sponsored direct and  
15 rebuttal testimony on Revenue Requirement and Risk Analysis, as well as the Revenue  
16 Requirement Study and supporting documentation.



1 QUALIFICATION STATEMENT OF

2 ELLIOT E. MAINZER

3 Witness for the Bonneville Power Administration

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

5 A. My name is Elliot E. Mainzer. I am employed by the Bonneville Power Administration,  
6 Power Business Line, Bulk Marketing and Transmission Services, 905 NE. 11<sup>th</sup> Avenue,  
7 Portland, Oregon.

8 *Q. In what capacity are you employed?*

9 A. I am the Manager of Pricing and Transaction Analysis for the Bulk Hub.

10 *Q. Please state your educational background.*

11 A. I received a Master of Business Administration degree from the Yale School of  
12 Management and a Master of Environmental Studies degree from the Yale School of  
13 Forestry and Environmental Studies in 1998. I received a Bachelor of Arts degree from  
14 the University of California, Berkeley in 1989.

15 *Q. Please summarize your professional experience.*

16 A. From 1992 to 1995, I was employed as a researcher and writer at the University of  
17 California Berkeley School of Public Health. From 1995 to 1998, I was in graduate  
18 school and completed summer internships at the Energy and Development Research  
19 Center at the University of Cape Town, South Africa (1996), and with the Government  
20 Affairs division of Enron Corporation in 1997. From 1998 to 2001, I was employed by  
21 Enron North America, first as the head of Power Structuring for Enron's Portland,  
22 Oregon, office and then as head of the Renewable Power Desk.

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

24 A. I have no previous experience as a witness in BPA rate case proceedings.

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1 QUALIFICATION STATEMENT OF

2 TIMOTHY D. MCCOY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Timothy D. McCoy. I am employed by the Bonneville Power  
6 Administration (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Systems Analyst in the Power Products, Pricing, and Rates group for the Power  
9 Business Line.

10 *Q. Please state your educational background.*

11 A. I have done undergraduate work in accounting, mathematics, and computer science at  
12 Oregon State University and Portland State University.

13 *Q. Please summarize your professional experience.*

14 A. For approximately 8 years, starting in 1971, I was the head of Equitable Savings and  
15 Loan Association's technical support department responsible for maintaining the  
16 operating systems and online systems of Equitable's mainframe computers, and for  
17 planning and maintaining Equitable's multi-state computer network.

18 In 1979, I joined Washington Mutual Savings Bank. After helping convert their  
19 operating systems and online system to newer more state-of-the-art IBM systems, I  
20 became the manager of maintenance and development for all of Washington Mutual's  
21 deposit systems as well as their automated clearinghouse system and cash machine  
22 network.

23 In 1990, I returned to Oregon and joined UNISYS as a contractor for BPA.  
24 My assignment was to develop methods to improve the efficiency of the programs  
25 running on BPA's IBM mainframe computers. I also assumed management  
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1 responsibilities for a development support group, and later I assumed responsibility for  
2 the completion of a wholesale power and transmission billing system for BPA.

3 For the 1996 rate case, I participated in the Lloyd Center negotiations as a  
4 representative of billing. My responsibilities included assuring that the results of the  
5 Lloyd Center process could be automated, suggesting alternatives that would better lend  
6 themselves to automation, and later to work with a team of computer specialists to  
7 upgrade the billing system to meet the requirements of the 1996 rates and contracts.

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

9 *A. I was a witness in the 2002 rate proceedings.*

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1 QUALIFICATION STATEMENT OF

2 CAROL A. MILLER

3 Witness for the Bonneville Power Administration

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

5 A. My name is Carol A. Miller. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Public Utility Specialist (Rates) in the Power Products, Pricing, and Rates group  
9 for the Power Business Line.

10 *Q. Please state your educational background.*

11 A. I have a Bachelor of Arts degree from Temple University in history, specializing in  
12 statistical analysis of census data and population trends in urban areas.

13 *Q. Please summarize your professional experience.*

14 A. After graduation, I worked for the City of Philadelphia's Planning Commission analyzing  
15 undercount rate methodologies in order to increase the City's share of federal block  
16 grants distributed by population size. I then worked for the Massachusetts Institute of  
17 Technology's Center for Transportation Studies analyzing truck and rail shipping rates.  
18 This was followed by consulting and contract monitoring work for the New York City  
19 Subway system's noise reduction studies at the System Development Corporation. At  
20 Bonneville, in rates, I have worked on the General Rate Schedule Provisions, the  
21 conversion of the Rates Analysis model to Excel, and the Load-Based Cost Recovery  
22 Adjustment Clause. I was also a Computer Specialist before working in rates, and  
23 worked in Power Supply and on the Intertie Environmental Impact Study.

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

25 A. I have not been a witness in previous proceedings.

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1 QUALIFICATION STATEMENT OF

2 TIMOTHY C. MISLEY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Timothy C. Misley. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am an Engineer in the Regional Coordination section with the Resource Optimization  
9 group for the Power Business Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Mechanical Engineering from the University  
12 of Portland in 1981.

13 *Q. Please summarize your professional experience.*

14 A. I have been employed by BPA since 1981 as an Engineer in the Regional Coordination  
15 group. I am responsible for applying database models which analyze regional loads,  
16 contracts, and generating resource capabilities for use by BPA in short- and long-range  
17 capacity and energy planning. I am responsible for compiling this information in  
18 publications such as BPA's Pacific Northwest Loads and Resources Study (the White  
19 Book), BPA's rate case Loads and Resources Study, and other reports and data requests  
20 for BPA and other parties in the Pacific Northwest region.

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

22 A. I participated on panels for the 1991, 1996, and 2002 rate case that sponsored testimony  
23 on the load and resources studies that specifically related to the Federal system loads and  
24 resources balance that served as input for costing and revenue estimates.

1 QUALIFICATION STATEMENT OF

2 MICHAEL R. NORMANDEAU

3 Witness for the Bonneville Power Administration

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

5 A. My name is Michael Normandeau. I am employed by the Bonneville Power  
6 Administration (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Public Utilities Specialist in the Power Products, Pricing and Rates group for the  
9 Power Business Line.

10 *Q. Please state your educational background.*

11 A. I graduated from University of Portland, Portland, Oregon, with a bachelor degree in  
12 Business Administration and a Bachelors Degree in Marketing. I am currently working  
13 on an Applied Energy Economics Masters Certificate at Portland State University,  
14 Portland, Oregon.

15 *Q. Please summarize your professional experience.*

16 A. From 1996 to 1999, I was employed by Oregon Research and Development, Inc. as a  
17 marketing specialist, and then as director of marketing for their software and building  
18 materials divisions. From 1999 to 2001, I was employed by WellMed, Inc., as a product  
19 development manager. I have been employed by Bonneville Power Administration  
20 (BPA) since May of 2002 as a Public Utilities Specialist in Power Products, Pricing and  
21 Rates group for the Power Business Line. In my current position, I am responsible for  
22 assisting in the calculation of Cost Recovery Adjustment Clauses (CRAC), specifically  
23 the Financial-Based and Safety-Net CRAC. I am also a member of the team developing  
24 the proposed Safety-Net rate design for the SN-03 rate case.

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

26 A. I have not testified in previous BPA rate case proceedings.

1 QUALIFICATION STATEMENT OF

2 STEPHEN R. OLIVER

3 Witness for the Bonneville Power Administration

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

5 A. My name is Stephen R. Oliver. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am the Vice President for Bulk Power Marketing and Transmission Services in the  
9 Power Business Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Biological Sciences from the University of  
12 California in 1976.

13 *Q. Please summarize your professional experience.*

14 A. I have worked for 26 years in a variety of regulatory, marketing, and management  
15 positions in the electric industry.

16 From 1976 through 1982, I worked for the California Energy Commission (CEC).  
17 I was employed in the Energy Facilities Siting Division as a Project Manager for two  
18 siting cases. Subsequently, I worked in the Assessments Division analyzing electric  
19 utility supply and demand forecasts. I managed a unit that examined the total energy  
20 supply and consumption patterns in California across all energy supply sources and end-  
21 use sectors. I co-authored a CEC published report entitled, "*Energy Futures for*  
22 *California: 1982-2002.*"

23 From 1982 through 1988, I worked for the Western Area Power Administration  
24 (WAPA)--Central Valley Project (CVP). I was a Power Contracts Specialist and I  
25 negotiated various power and transmission contracts on behalf of WAPA. I was also  
26 responsible for WAPA's participation in BPA rate cases.

1           In 1986, I was promoted to the position of Director of Rates, Economic Analyses,  
2 and Power Billing. In this position I managed the CVP 1986 rate case for both the  
3 wholesale power and transmission services, in which we introduced the CVP's first  
4 power factor charge and Revenue Adjustment Clause.

5           In 1988, I was employed by the Sacramento Municipal Utility District in the  
6 Power Contracts department. I was the principal negotiator on several power and  
7 transmission contracts, including a contract for transmission services from Pacific Gas  
8 and Electric (PG&E) for the Central California Power Authority's geothermal units.

9           From 1988 through 1991, I returned to work for WAPA as the Director of Rates,  
10 Economic Analyses, and Power Billing. During this period I was detailed to the  
11 Washington, D.C. Office of WAPA, as well as to the WAPA Headquarters Office in  
12 Golden, Colorado, as Chief of the Rates Department.

13           From 1991 through the present, I have been employed by BPA. My initial  
14 position was as the BPA California Marketing Representative in Sacramento, California,  
15 from 1991 to 1993.

16           In 1993, I became the Chief of the Power Contracts Branch, which had  
17 responsibility for all long-term BPA power contracting functions.

18           In 1994, I was promoted to the position of Extraregional Segment Manager,  
19 where I was responsible for managing the marketing of surplus power to any point in the  
20 Western System Coordinating Council, outside of the Pacific Northwest region.

21           In 1996, I was appointed Manager, Bulk Power Marketing. In this capacity I  
22 managed BPA policy and business relations with Pacific Northwest Investor-Owned  
23 Utilities and Direct Service Industries, as well as all surplus marketing and trading  
24 functions down to the real-time. I am also an advisory member to the California Power  
25 Exchange Governing Board.  
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1 In 2000, I was appointed Vice President, Bulk Power Marketing and  
2 Transmission Services. In this position I manage the BPA bulk surplus power marketing  
3 function, from real time through long-term forward positions, in the WECC. I also  
4 manage the PBL's transmission acquisition, GTA and transmission engineering services,  
5 ancillary services marketing, and transmission policy issues. In 2002, the BPA  
6 renewables resource acquisition and management functions were also transferred to my  
7 supervision. In 2001, I was made a member of the federal Senior Executive Service. In  
8 this capacity, I serve on the BPA executive board. In 2002, I was also elected as a  
9 member of the governing board of North American Energy Standards Board.

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

11 *A.* From 1976 through 1982 I testified in various proceedings before the California Energy  
12 Commission as a staff expert witness. I testified as WAPA's witness in its  
13 1986 Wholesale Power and Transmission Rate Proceeding regarding the proposed  
14 Revenue Adjustment Clause. I also testified on behalf of BPA in the CEC's  
15 1992 Biennial Electricity Report proceedings regarding BPA power marketing to  
16 California and environmental externalities. I testified in BPA's 1996 and 2000 power  
17 rate cases regarding various aspects of the power market, including secondary revenue  
18 and long-term market price forecasts. I also testified on behalf of BPA regarding energy  
19 market conditions before the U.S. Senate Committee on Energy and Natural Resources in  
20 October 2000. I was BPA's primary witness in FERC's 2001-2002 investigation of  
21 Wholesale Market Manipulation with regard to the potential for refunds in the Pacific  
22 Northwest. I have also testified before the CalISO Market Monitoring Committee.

1 QUALIFICATION STATEMENT OF

2 ROBERT J. PETTY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Robert J. Petty. I am currently employed by the Bonneville Power  
6 Administration (BPA), 905 NE 11<sup>th</sup> Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am an Industry Economist in the Pricing and Transaction Analysis group of the Power  
9 Business Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Agricultural Business Management from the  
12 University of Idaho in 1992, and a Master of Science degree in Agricultural Economics  
13 from the University of Idaho in 1995. My fields of concentration were business  
14 management and economics.

15 *Q. Please summarize your professional experience.*

16 A. In August 1995, I began work as a contract Economist in the Lower Columbia Area  
17 Office (now the Western HUB). My main role in the Area Office was to work as an  
18 Economist supporting the Account Executives and their customers. My tasks included  
19 pricing, costing, revenue forecasting, load forecasting, risk management, contract issues,  
20 billing issues, and scheduling issues.

21 I served in this capacity until June 1998, when I transferred to the Power  
22 Products, Pricing and Rate Development group. My work in rates included developing  
23 and running the AURORA model for the Marginal Cost Analysis for the rate case. My  
24 specific focus has been on the load forecast, hydroelectric forecast, as well as running the  
25 model. I have also developed and run the model to calculate the prices for the Risk  
26 Analysis group for the rate case.

1                   In 2000, I transfer from the Power Products, Pricing and Rate Development group  
2 to the Pricing and Transaction Analysis group of the bulk hub. My responsibilities  
3 include team lead of long-term price forecasting as well as the team lead of the  
4 augmentation. My focus includes long-term price forecasting which is used in BPA's  
5 secondary revenue forecasts and biological opinion analyses. I also manage the  
6 augmentation book for the bulk hub.

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

8 *A. I was a witness in the May 2000 rate case and the June 2001 supplemental rate case.*

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1 QUALIFICATION STATEMENT OF

2 RANDY B. RUSSELL

3 Witness for the Bonneville Power Administration

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

5 A. My name is Randy B. Russell. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Financial Analyst in Capital and Risk Management under the Chief Financial  
9 Officer.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Economics from the University of Utah in 1976  
12 and a Master of Science degree in Economics from the University of Utah in 1984.

13 *Q. Please summarize your professional experience.*

14 A. In May 1982, I began work at BPA as a Public Utilities Specialist in the Cost and  
15 Analysis Section of the Division of Rates. In 1983 I transferred to the Division of  
16 Financial Requirements as a Financial Analyst. My major duties included forecasting the  
17 costs of the Residential Exchange Program for BPA rate cases, budget submittals, and  
18 Residential Exchange contract buyouts.

19 In 1994, I was promoted to the position of Manager of Financial Analysis and  
20 Consulting in the Financial Services Group. In this position, my major duties included  
21 managing the development of a new Agency-wide capital budget process, corporate risk  
22 analysis, and forecasting Agency net revenues and reserves for planning and setting  
23 Agency financial targets.

24 I assumed my current position in August 2000. My major duties include  
25 analyzing Agency-wide financial risk and related financial analyses.

1 *Q. Please state your experience as a witness in previous proceedings.*  
2 A. I was a witness for the forecast of the costs of the Residential Exchange Program in  
3 previous BPA rate proceedings, most recently in the 1993 Wholesale Power rate  
4 proceeding.

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1 QUALIFICATION STATEMENT OF

2 JAMES C. SAPP

3 Witness for the Bonneville Power Administration

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

5 A. My name is James C. Sapp. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Risk Analyst in Financial Analysis and Requirements in Finance.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Arts degree in Mathematics from Cleveland State University in  
11 1971, a Master of Arts degree in Communication from the Annenberg School of  
12 Communications at the University of Pennsylvania in 1976, and a Doctor of Philosophy  
13 degree in Systems Science from Portland State University in 1987. My fields of  
14 concentration were planning, decision analysis, and forecasting.

15 *Q. Please summarize your professional experience.*

16 A. In December 1980, I began work at BPA in the Division of Power Forecasting. In that  
17 capacity, I worked principally on issues related to the preparation of the 20-year  
18 Commercial Sector Load Forecast. In addition to preparing inputs for and operating the  
19 forecasting model for that sector, I also was extensively involved in the design and  
20 statistical analysis of surveys of Commercial Sector energy use.

21 In June 1991, I assumed the position of Technical Lead for the 1992 Resource  
22 Program, working in the Planning Branch. In this position, I divided my time  
23 coordinating and documenting the resource and conservation analyses underlying the  
24 resource acquisition proposal and devising a monitoring and evaluation system for  
25 contingency generation resources.

1                   From 1994 through 1996, I worked as an Analyst in Strategic Planning,  
2 supporting the development of the Business Plan.

3                   In 1996, I moved to my current position as a Risk Analyst where I have worked  
4 on various projects including evaluating BPA's interim hedging policy, developing a  
5 global taxonomy of risks faced by BPA, and inventorying the risk mitigation efforts  
6 ongoing at BPA. My current assignments involve documenting BPA's annual  
7 submissions to the Treasury for both 4(h)(10)(C) and FCCF credits and using the Tool  
8 Kit model to support analyses used to assess BPA's probability of making Treasury  
9 payment given a variety of uncertainties.

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

11 *A.* I conducted a portion of the analysis for the Risk Mitigation studies used in both the  
12 2002 Power Rate Case and the 2002 Supplemental Power Rate Case, and in both cases  
13 also sponsored testimony in the area of Risk Mitigation. I also sponsored testimony in  
14 the area of Risk Analysis and Mitigation for the 2002 Initial Transmission Proposal.

1 QUALIFICATION STATEMENT OF

2 DAVID M. STEELE

3 Witness for the Bonneville Power Administration

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

5 A. My name is David M. Steele. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Budget Analyst in the Financial Management group for the Power Business Line  
9 (PBL).

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Recreation Resource Management (School of  
12 Forestry) from Oregon State University in 1982.

13 *Q. Please summarize your professional experience.*

14 A. From 1983 to 1985, I was a Purchasing Agent with the U.S. Department of Agriculture  
15 (USDA) Research Service.

16 From 1985 to 1990, I was an Administrative Officer with the USDA, ARS.

17 From 1991 to 1994, I was a Budget Analyst in the Budget Formulation Section in  
18 the Corporate Finance group at BPA.

19 In 1994, I was selected as the Budget Technical Team Lead in the PBL group. I  
20 have been responsible for the coordination, development, and planning of capital and  
21 expense estimates for the PBL group since 1994. I have been involved in analyzing the  
22 cost structure of all PBL programs on an annual, as well as multi-year, basis. I track and  
23 construct budget variance reports on a monthly basis. I assisted in the development of  
24 cost estimates used in the Cost Review base case and in the Cost Review final  
25 recommendations. I help facilitate both the Office of Management and Budget and  
26



1 Congressional Budget portions of PBL financial data. I have been the lead Budget  
2 Analyst on all major cost reduction initiatives in the PBL since 1994.

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

4 A. I was a witness during the last rate case on the Risk Panel addressing the NORM  
5 (Non-Operating Risk Model) testimony as it related to cost probabilities to specific  
6 programs in the PBL.

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1 QUALIFICATION STATEMENT OF

2 ROGER P. SCHIEWE

3 Witness for the Bonneville Power Administration

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

5 A. My name is Roger P. Schiewe. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Hydraulic Engineer in the Regional Coordination section of Bonneville Power  
9 Administration's Power and Operations Planning group.

10 *Q. Please state your educational background.*

11 A. I hold a Bachelor of Science degree in Mathematics from the University of Oregon (1970).

12 *Q. Please summarize your professional experience.*

13 A. I have worked for Bonneville continuously in numerous roles related to the operation,  
14 planning, and modeling of the Federal Columbia River Power System since 1970.

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

16 A. I have no experience as a witness in previous BPA proceedings.

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1 QUALIFICATION STATEMENT OF

2 ARNOLD L. WAGNER

3 Witness for the Bonneville Power Administration

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

5 A. My name is Arnold L. Wagner. I am employed by the Bonneville Power Administration  
6 (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Civil Engineer in the Risk Management Section for the Power Business Line.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Civil Engineering from Portland State  
11 University in 1973, and a Master of Science degree in Civil Engineering from the same  
12 institution in 1976.

13 *Q. Please summarize your professional experience.*

14 A. My first 2 years of employment were spent with a consulting engineering firm where I  
15 was responsible for the structural design of industrial structures.

16 I started my employment at BPA in 1978 working in the Division of Transmission  
17 Engineering. My primary assignment was the continued development and maintenance  
18 of the BPA computer model used to design transmission towers.

19 In 1987, I began working in the Office of Energy Resources, Power Systems  
20 Branch. I was a member of a team that designed and developed the BPA hydrosystem  
21 simulation model, Hydrosim.

22 I started my current position in Risk Management in 1998. My first assignment  
23 was to develop data management procedures for the new RiskMod model to be used in  
24 the FY 2002-2006 rate case. I currently use RiskMod to perform risk assessments of  
25 BPA's financial condition.

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

2 A. I was a witness in the Risk Analysis Study of the May 2000 Rate Case proceedings.

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1 QUALIFICATION STATEMENT OF

2 SPENCER G. WEDLUND, JR.

3 Witness for the Bonneville Power Administration

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

5 A. My name is Spencer G. Wedlund Jr. I am employed by the Bonneville Power  
6 Administration (BPA), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Public Utilities Specialist, Bulk Power Marketing for the Power Business Line.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Arts degree in Economics from the University of Washington in  
11 1970, and a Master of Arts degree in Economics from the same institution in 1976.

12 *Q. Please summarize your professional experience.*

13 A. I initially was employed as an Economist in the Rates and Revenues section in 1978,  
14 where I worked on the nonfirm rate and the industrial power availability credit during the  
15 1979 rate filing.

16 During the 1982 rate filing, I assumed responsibility for the revenue forecast, and  
17 addressed National Environmental Policy Act (NEPA) concerns associated with the  
18 1982 Transmission rate filing.

19 During the 1983 and 1985 filings I was responsible for the completion of the  
20 Revenue Forecast Study and Risk Analysis.

21 During the 1987 rate filing, I was responsible for the Revenue Forecast Study, the  
22 Risk Analysis, and the Marginal Cost Analysis. I was responsible for documenting why  
23 BPA did not need to increase rates in 1989.

24 From 1991 through 1993, I supervised the Surplus Sales and Analysis Section and  
25 promoted extraregional seasonal exchanges.

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1           During Fiscal Year 1994, I worked in the Lower Columbia Area Office  
2           developing a system to measure and cost conservation accomplishments, and led the  
3           negotiation of a third party financing conservation contract.

4           During the 1995 rate filing I was responsible for developing, sponsoring, and  
5           documenting the Revenue Forecast Study, and Statements A and B that accompanied the  
6           rate filing.

7           During the 1996 rate filing I was responsible for preparing and sponsoring those  
8           portions of the Wholesale Power Rate Development Study and associated documentation  
9           dealing with the revenue forecast, as well as documenting the availability charge and the  
10          demand reservation charge.

11          During the 2002 rate filing I was responsible for preparing and sponsoring those  
12          portions of the Wholesales Power Rate Development Study and associated  
13          documentation dealing with the revenue forecast.

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

15   A. In BPA's 1982 Wholesale Power and Transmission Rate Filing, I filed written testimony  
16      and sponsored the Revenue Forecast and NEPA testimony concerning the Transmission  
17      rate increase. In 1983, I filed written testimony and sponsored the Revenue Forecast  
18      Study, the Nonfirm Revenue Analysis Program (NFRAP), and testimony dealing with the  
19      1939 water adjustment for risk, and a lost revenue rate for the Pacific Southwest Intertie  
20      transaction.

21          In 1985, I filed written testimony and sponsored the Revenue Forecast Study, the  
22          NFRAP, and the Risk analysis.

23          In 1987, I filed written testimony and sponsored the Revenue Forecast Study, the  
24          NFRAP, the Risk Analysis, and the Marginal Cost Analysis. I appeared as a witness in  
25          the VI-86 rate filing, sponsoring the Revenue Forecasts.

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In the 1995 rate filing I appeared as a witness sponsoring the Revenue Forecast Study, and the NFRAP.

In the 1996 rate filing I appeared as a witness sponsoring the Revenue Forecast, the NFRAP, the Availability Charge, and the Demand Reservation Charge.

In the 2002 rate filing I appeared as a witness sponsoring the Revenue Forecast.