

2007 Wholesale Power Rate Case Initial Proposal

Qualification Statements of Witnesses

November 2005

WP-07-Q-BPA-01
through
WP-07-Q-BPA-53



**WP-07 INITIAL RATE PROPOSAL
WITNESS QUALIFICATION STATEMENTS**

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Bermejo, Sarah K.	WP-07-Q-BPA-03
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Bolden, Gerard C.	WP-07-Q-BPA-05
Boling, Rodney E.	WP-07-Q-BPA-06
Brodie, Paul A.	WP-07-Q-BPA-07
Burns, Allen	Not Used
Clark, Harry W.	WP-07-Q-BPA-09
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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 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 Pricing and Transaction Analysis for the Power
9 Business Line.

10 *Q. Please state your educational background.*

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

13 *Q. Please summarize your professional experience.*

14 A. I have been employed by BPA since 1985. From 1985 to 1989, I was the Puget Sound
15 Area Economist. In 1989, I transferred to BPA headquarters in Portland. Since
16 transferring to Portland, I have worked in Long-Term Forecasting, Market Intelligence,
17 and Rates.

18 I have also worked as an international utility consultant.

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

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

23 In 1994, I worked in Greater Micronesia, estimating revenue requirements for electric
24 utilities. This project was sponsored by the U.S. Army Corps of Engineers and the Department
25 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 project
3 was sponsored by the Inter-American Development Bank.

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

6 In 2000 and 2001, I worked in Moldova developing a least cost plan. This project was
7 sponsored by the US Agency for International Development.

8 In 2002, I worked in Vietnam teaching a class on utility financial management. This
9 project was sponsored by the US Trade Development Administration.

10 In 2003, I worked in Oman teaching a class on electric utility restructuring and rate
11 making. This project was sponsored by the US Trade Development Administration.

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

13 *A. I was a witness in the May 2000 rate case and the SN-CRAC rate case. I was on the*
14 *Marginal Cost Analysis panel. I specialized in natural gas price forecasting.*

1 QUALIFICATION STATEMENT OF

2 REBECCA M. BERDAHL

3 Witness for the Bonneville Power Administration

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

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

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

8 A. I am an Electrical Engineer in the Transmission and Reserve Services group for the
9 Power Business Line (PBL).

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science Electrical Engineering degree from Portland State
12 University in March 1991.

13 *Q. Please summarize your professional experience.*

14 A. I was initially employed at BPA in May 1991, as an Electrical Engineer in the
15 Communications Planning and Design group. I was responsible for planning and
16 designing additions and modifications to the Bonneville communications network which
17 supports transmission reliability. In 1994, I transferred to Transmission Customer
18 Service Planning and Engineering (Local Area Planning). As an Electrical Engineer in
19 Customer Service Planning and Engineering, I conducted planning and coordination
20 studies and established customer agreements that implemented electrical facilities to
21 support BPA customer utilities load growth and system modifications.

22 Since September 1997, I have been employed as an Electrical Engineer in the
23 Transmission and Reserve Services Group in the Power Business Line (PBL). I am
24 responsible for managing and coordinating technical contracts, regulatory policies, and
25 reliability standards that impact scheduling, trading, marketing and generation functions
26 within the PBL. Specific activities include project management, development and

1 presentation of technical studies and reports related to transmission availability,
2 generation operations, and data acquisition. In addition, I represent the PBL in the
3 Northwest Power Pool and Western Electric Coordinating Council forums.

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

5 *A. I have not been a witness in previous BPA rate proceedings.*

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1 QUALIFICATION STATEMENT OF

2 SARAH K. BERMEJO

3 Witness for the Bonneville Power Administration

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

5 A. My name is Sarah Bermejo. I am employed by the Bonneville Power Administration,
6 905 NE 11th Avenue, Portland, Oregon.

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

8 A. I am a Public Utilities Specialist and a Reserve Service Marketer in the Transmission and
9 Reserve Services group for the Power Business Line (BPL).

10 *Q. Please state your educational background.*

11 A. I received a B.B.A. degree in Business Administration and Marketing from the
12 University of Portland in June 1996. I received a graduate certificate in Applied Energy
13 Economics from Portland State University in August 2002.

14 *Q. Please summarize your professional experience.*

15 A. In May 1989, I began working for BPA as a student co-op for the Division of Resource
16 Management where I was responsible for managing a training budget of \$100,000. In
17 June of 1993, I worked in Market Research & Assessment where I co-developed an
18 electricity pricing model using multiple regression forecasting techniques and conducted
19 market competitor analysis. In March of 1993, I transferred to Resource Optimization
20 where I was responsible for operating the 30-Day model of the federal hydro system and
21 supporting staff with various statistical analyses. After graduating from college in March
22 1996, I began employment with Bardsley & Neidhardt Marketing Research as a Project
23 Manager where I initiated, developed and managed market research accounts.

24 In August 2000, I returned to BPA and have remained in the Transmission and
25 Reserve Services Group working on many issues related to Ancillary and Reserve
26 Services. In my present position, I am primarily responsible for the development of

1 Ancillary and Reserve service strategy, revenue forecasting, and policy analysis within
2 the BPA Control Area. I represent BPA merchant issues at the Northwest Power Pool
3 (NWPP) Reserve Sharing Group and follow industry development related to Ancillary
4 and Reserve services at the Western Electricity Coordinating Council and North
5 American Electric Reliability Council level for potential impacts to the NWPP Reserve
6 Sharing Group, Control Area Operator Business Practices, and the Interbusiness line
7 billing relationship for generation inputs the PBL provides to the Transmission Business
8 Line. I also market Ancillary and Reserve Services off the Trading Floor to entities
9 outside the BPA Control Area.

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

11 *A. I have not been a witness in previous proceedings.*

1 QUALIFICATION STATEMENT OF

2 GERARD C. BOLDEN

3 Witness for the Bonneville Power Administration

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

5 A. My name is Gerard C. Bolden. 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, Power Products, Pricing and Rates for the Power
9 Business Line.

10 *Q. Please state your educational background.*

11 A. I received a B.S. degree in Electrical Engineering from the University of Portland in
12 1981.

13 *Q. Please summarize your professional experience.*

14 A. I was initially employed at BPA in 1981, Division of Power Supply as Computer
15 Specialist. I worked for approximately six years in that capacity writing computer
16 programs and doing general computer hardware and software work.

17 In 1987, I was assigned to the Division of Contracts and Rates, Sales Support
18 Branch, Negotiations Support section. I worked on BPA's Power Market Decision
19 Analysis Model (PMDAM). I applied this model to the economic analysis of various
20 studies, including valuing extraregional sales, transmission improvements, and valuing
21 resource attributes such as displaceability.

22 In 1991, I transferred to the Power Contracts Branch, Surplus Sales and Analysis
23 Section. In my capacity there, I analyzed bulk power sales, exchanges and storage
24 arrangements.

25 In 1994, I transferred to the Rates branch where I set the rates for some of the
26 unbundled power products and ancillary services.

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

A. I was a witness in BPA's 1996 and 2001 rate proceedings. I developed the Demand and Load Variance rates for the 2001 rate process. I supported these rates with documentation and testimony in these rate proceedings.

1 QUALIFICATION STATEMENT OF

2 RODNEY E. BOLING

3 Witness for the Bonneville Power Administration

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

5 A. My name is Rodney E. (Rod) Boling. 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 Account Services Section of Bulk Marketing and
9 Transmission Services, Power Business Line (PBL).

10 *Q. Please state your educational background.*

11 A. I received a B.A. degree in Business and Economics from Western Washington State
12 College (now Western Washington University) in 1967. I received a M.S. degree in
13 Agricultural Economics (emphasis in Resource Economics) from Washington State
14 University in 1978.

15 *Q. Please state your professional qualifications.*

16 A. I was first employed by BPA as a Public Utilities Specialist (Rates) in 1982. In the 1982
17 rate case, I contributed to the Rates Environmental Impact Statement. In the 1985 BPA
18 rate case, I was technical lead for the nonfirm energy and surplus firm power rate
19 schedules. Following the 1985 rate case, I served as lead staff coordinator with the
20 California Energy Commission (CEC) in the development of its Energy Resource
21 Plan VI.

22 From 1986 until 2001, I was employed as a Financial Analyst. In that capacity, I
23 was responsible for or assisted with BPA's intervention efforts in several investor-owned
24 utility (IOU) rate cases and merger hearings before four state regulatory commissions. In
25 addition, I led or assisted with Residential Exchange Program buyouts, "in lieu"
26 negotiations, billing credits, evaluations of resource and energy service company

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proposals to BPA, Residential Purchase and Sale Agreement contract negotiations, and represented BPA in IOU integrated resource plan and decoupling collaboratives. Since 2001, I have been employed as a Public Utilities Specialist in the PBL. I am primarily responsible for or assist with matters involving IOU relations, including contract development and interpretation, billing issues, and policy development.

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

A. I was a witness in BPA's 1996 and 2002 rate proceedings. In both of these proceedings my testimony addressed Residential Exchange Program issues.

1 QUALIFICATION STATEMENT OF

2 PAUL A. BRODIE

3 Witness for the Bonneville Power Administration

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

5 A. My name is Paul A. Brodie. 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 Rates Group of the Power Business Line.

9 *Q. Please state your educational background.*

10 A. In 1976, I earned Bachelor of Arts (B.A.) degrees in Accounting, Economics and
11 Political Science from the University of Washington.

12 *Q. Please summarize your professional experience.*

13 A. Upon graduation in June of 1976, I went to work for the public accounting firm of Price
14 Waterhouse and Co. where I performed financial statement audits of privately-held
15 companies, publicly-traded companies, cities, and local governmental units. I also
16 worked in the tax department of Price Waterhouse and Co. where I prepared complex
17 corporate, partnership, and individual income tax and estate tax returns as well as
18 performing tax research and tax planning engagements. In 1978, I became a Certified
19 Public Accountant licensed in the State of Oregon (License #3394).

20 In 1979, I was employed by the Internal Revenue Service where I performed
21 federal tax return audits of individuals, partnerships, and corporations.

22 In 1983, I began my career in the electric utility industry working for BPA in the
23 position of Senior Corporate Planner in the Division of Planning and Budget. After
24 several reassignments to positions including Accounting Supervisor in the Disbursement
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1 Section, and Lead Financial Analyst for Business Plans and Support, I accepted
2 reassignment to my current position with the Power Rates Group.

3 As a Public Utilities Specialist in BPA's Power Rates Group, I am charged with
4 developing BPA's Settlement Benefits Oversight Program that oversees the settlement
5 benefits that BPA provides to the region's Investor Owned Utilities. In addition to my
6 settlement benefit oversight responsibilities, I am also responsible for conducting studies
7 and analysis that supports the Section 7(b)(2) rate test in developing BPA's wholesale
8 power rates.

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

10 *A. This is the first time that I have been a witness in a power rates proceeding.*

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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, Sacramento in 1981. My main field of study was soil mechanics and
13 mathematics.

14 *Q. Please summarize your professional experience.*

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

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

19 In 1987, I moved to Power Supply's Contract Administration Section
20 administering DSI and utility contracts until 1993.

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

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

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

2 A. I was a witness on the Service Proposal for Direct Service Industrial Customers and the
3 Cost-Based Index Rate Options panels in BPA's 2001 rate proceedings.

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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 Risk Analyst in the Power Financial Management section of the Power Business
9 Line.

10 *Q. Please state your educational background.*

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

15 *Q. Please summarize your professional experience.*

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

21 I have been employed at BPA since 1988 and have held the positions of Industry
22 Economist and Risk Analyst. My primary responsibilities since 1988 have been to
23 develop methodologies for assessing and mitigating BPA's financial risk due to revenue
24 and expense variations outside of BPA's control.

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

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

In BPA’s 1991, 1993, 1996, and 2002 Wholesale Power Rate filings, I was responsible for the development of BPA’s Risk Analysis models and was a witness on the Risk Analysis Study. Additionally, I sponsored testimony in BPA’s 2002 Wholesale Power Rate filing in support of the Revenue Forecast and Risk Mitigation Study and in BPA’s 1996 Wholesale Power Rate filing in support of the Revenue Forecast and Marginal Cost Analysis.

1 QUALIFICATION STATEMENT OF

2 WILLIAM J. DOUBLEDAY

3 Witness for the Bonneville Power Administration

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

5 A. My name is William J. Doubleday. 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 of the
9 Power Business Line.

10 *Q. Please state your educational background.*

11 A. I earned a Bachelor of Science degree in Environmental Science from the University of
12 Massachusetts in 1986. That same year, I earned a Bachelor of Science degree in
13 Resource Economics with a minor in Economics from the University of Massachusetts. I
14 earned a Master in Business Administration from the University of California in 1988.

15 *Q. Please summarize your professional experience.*

16 A. I was initially employed at BPA in 1988 in the Division of Contracts and Rates as an
17 Industry Economist. My first year of employment was spent as a Rate Analyst working
18 with the Supply Pricing Model (SPM) to produce long-term wholesale and retail rate
19 projections for use in load forecasts and strategic planning.

20 In 1989, I worked as a Gas and Oil Industry Analyst and Fuel Price Forecaster for
21 the Division of Contracts and Rates. As part of my duties, I developed a spreadsheet-
22 based coal price forecasting model that incorporated the use of risk factor probability
23 distribution.

24 In 1991, I became the team lead for the Marginal Cost Analysis and helped
25 produce marginal cost analyses for power and transmission.

1 In 1993, I joined the Supply Pricing Model team for the 1993 rate case. I
2 conducted rate analysis and directed the compilation and publication of the
3 Section 7(b)(2) rate test documents for the 1993 rate case.

4 During the 1995 and 1996 rate cases I was the lead analyst for the Section 7(b)(2)
5 rate test.

6 Currently, I am the lead analyst for the Rate Analysis Model (RAM). RAM is
7 used to conduct the Section 7(b)(2) rate test, as well as to calculate rates for the rate
8 period.

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

10 A. I have participated in the informal 1993 rate case workshops as well as the 1994 Tiered
11 rates workshops. I was a witness in the 1996 and 2002 rate cases on the Section 7(b)(2)
12 Rate Test Study panel.

1 QUALIFICATION STATEMENT OF

2 ROY B. FOX

3 Witness for the Bonneville Power Administration

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

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

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

8 A. I am the Enterprise Risk Manager in the Office of the Chief Risk Officer.

9 *Q. Please state your educational background.*

10 A. I received a B.A. degree in Economics from the University of Oregon in June 1976. I
11 completed my graduate course work in Natural Resource Economics at Cornell
12 University in October 1979.

13 *Q. Please summarize your professional experience.*

14 A. In September 1980, I began working for BPA as an environmental specialist. Since that
15 time I have managed BPA's environmental compliance program for fish and wildlife, and
16 power and managed the agency's early sponsor-designed conservation program.

17 Most recently, I have served as BPA's asset manager for the federal hydroelectric
18 projects and as BPA's enterprise risk manager. As asset manager, I provided overall
19 direction to the development and implementation of the direct funding relationship
20 between BPA, the Bureau of Reclamation and the Army Corps of Engineers. This
21 entailed establishing the interagency institutional frameworks, developing the internal
22 staff and ultimately executing a \$200-300M per year program designed to return the
23 FCRPS hydro assets to targeted performance levels. As Enterprise Risk Manager, I
24 direct the development and implementation of this new effort to increase the likelihood
25 that BPA achieves its strategic objectives, including reducing the costs associated with
26 managing identified risks where possible.

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

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

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1 QUALIFICATION STATEMENT OF

2 DAVID L. GILMAN

3 Witness for the Bonneville Power Administration

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

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

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

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

12 *Q. Please state your educational background.*

13 A. I graduated from Oregon State University in 1969 with a B.S. degree in Electrical
14 Engineering. I am a registered Professional Engineer in Oregon.

15 *Q. Please summarize your professional experience.*

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

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

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Witness: David L. Gilman

1 Specific assignments have included segmentation development, wheeling loss
2 assessment, and participation in the negotiation of wheeling contracts.

3 In September 1994, I was assigned to Strategic Planning and in 1996, I was
4 reassigned to the Business Strategy and Assessment group where I performed the same
5 function. My primary assignments were in the areas of transmission rates and contracts.
6 Beginning in August 2000, I was assigned to the position of Ancillary Services Manager
7 where I am responsible for the development and application of business practices for
8 Ancillary and Control Area Services . The name of the group has since been changed to
9 Transmission Contracts , Business Strategy and Assessment). I continue to work in this
10 position.

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

12 *A.* I was a witness in the following rate proceedings covering the topics identified: the
13 segmentation of the Northern Intertie in the 1983 rate case; the Third AC Intertie Non-
14 Federal Participation proceeding in 1992; transmission segmentation in the 1996 rate
15 case; the segmentation for federal projects in the 2002 Power rate case; the Segmentation
16 Study in the 2002 Transmission rate case; and in the 2002 Proposed Revision to the ACS-
17 02 Generation Imbalance Service Rate case.

1 QUALIFICATION STATEMENT OF

2 GREGORY C. GUSTAFSON

3 Witness for Bonneville Power Administration

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

5 A. My name is Gregory C. Gustafson. I am employed by 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 Group.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Animal Science from Washington State
11 University (WSU) in 1966, and a Master of Arts in Agricultural Economics from WSU in
12 1968. I graduated from the University of California at Berkeley in 1973 with a Ph.D. in
13 Natural Resource Economics.

14 *Q. Please summarize your professional experience.*

15 A. I have worked at BPA since 1988. During 1988, I worked as a Financial Analyst in the
16 Exchange Branch of BPA's Office of Financial Management. My responsibilities were
17 in research, analysis, and forecasting of revenues and average system costs in the
18 operation of BPA's Residential Exchange Program.

19 From 1989 to 1991, I was a Public Utilities Specialist in the Resource Planning
20 Branch of BPA's Office of Energy Resources. During this period, I was a team leader
21 responsible for coordinating the development of BPA's 1990 Resource Program. The
22 Resource Program was BPA's formal resource acquisition plan for meeting future
23 demand for electricity in the Pacific Northwest. This work involved defining, evaluating,
24 and documenting near-term resource program budgetary decisions as well as long-term
25 resource plans.

1 From 1991 to 1994, I was a Public Utilities Specialist in the Commercial Programs
2 Branch of the Office of Energy Resources. I had lead responsibility for: (1) analysis of the
3 economics of electric energy use and cost control in commercial buildings; and
4 (2) conducting analyses of the cost-effectiveness of BPA's commercial conservation
5 programs.

6 From 1994 to 1996, I worked as a Public Utilities Specialist in Pricing, Marginal
7 Cost, and Ratemaking in the Product Development Group in Marketing. My
8 responsibilities included development and analysis of product costs and pricing.

9 Since 1997 I have worked as a Public Utilities Specialist in Power Products,
10 Pricing and Rates, and currently in Power Financial Management, Rates and Planning.
11 My primary responsibilities have been in PF rate design, development of BPA's
12 industrial margin study, rate impact analysis, and energy price information development.

13 Prior to my employment at BPA, I was employed as a Senior Analyst with Evaluation
14 Research Corporation in Portland, Oregon, from 1985 to 1987. I was responsible for
15 conducting process evaluations (analysis of program delivery, incentive structure, cost
16 control, marketing, and administrative procedures) of energy conservation programs in the
17 Northwest. From 1973 to 1984, I was employed as an Economist by the Economic Research
18 Service of the U.S. Department of Agriculture in Washington, D.C. and Corvallis, Oregon.
19 During this period I was a Project Leader and Analyst of state and local rural land use
20 policies and related land economics issues.

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

22 *A. In 1996, I was a witness on a panel to establish BPA's industrial power spot gas rate. In*
23 *2000, I was a witness in the BPA rate proceeding to adjust the 1996 Unauthorized Increase*
24 *Charges. In BPA's 2002 rate case, I was a witness on the Low Density Discount panel.*

1 QUALIFICATION STATEMENT OF

2 JOHN L. HAIRSTON

3 Witness for the Bonneville Power Administration

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

5 A. My name is John L Hairston. 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 Slice Product Manager in the Requirements Marketing group of the Power
9 Business Line (PBL).

10 *Q. Please state your educational background.*

11 A. I earned a Bachelor of Science degree in Business from Southern University in 1989. My
12 major field of concentration was economics. I earned a Masters degree in Urban Studies
13 from Portland State University in 1997. My major field of concentration was public
14 administration. I earned a Juris Doctorate from Lewis & Clark Northwestern School of
15 Law in 2003.

16 *Q. Please summarize your professional experience.*

17 A. I joined BPA in 1991 as an economist in BPA's Rates Forecasting and Rate Design
18 organizations. As an industry economist in the rate design section, I performed work
19 with the customer segment teams that varied from rate impacts to competitive market
20 analyses. I worked with both customer groups and managers in the areas of rate design,
21 rate analysis, and rate case issues, which included drafting testimony and testifying as an
22 expert witness for multiple rate proceedings.

23 In 1997, I was assigned to BPA's Energy Efficiency organization where I served
24 as a performance manager responsible for BPA's Energy Efficiency offices located in
25 Spokane and Walla Walla, WA, Boise and Idaho Falls, ID, and Missoula, MT. In 1999, I
26 began serving as Energy Efficiency's Peak Load Management program manager

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Witness: John L. Hairston

1 responsible for leading BPA's effort to develop BPA's Demand Exchange program
2 which focused on the use of load curtailment and back-up generation as tools for peak
3 load management. In 2002, I was assigned management responsibilities of the Slice
4 product in BPA's requirements marketing organization. In my capacity as PBL Slice
5 manager, I coordinate with other BPA offices on Slice implementation, including
6 processes and systems necessary for calculation of the Slice revenue requirement,
7 organizing the Slice true-up adjustment calculations and charges, and organizing the Slice
8 audit work with the customers' representatives to assure priorities are addressed and
9 agency customer satisfaction objectives are met.

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

11 *A.* I have testified as an expert witness in the 1991, 1993, and 1996 rate proceedings. I
12 provided testimony during workshops and settlement hearings in both the 1991 and 1993
13 rate proceedings to explain the Supply Pricing model (SPM) technical processes and
14 published documented studies. In the 1991 and 1993 rate cases, I was responsible for the
15 input table and variable dictionary documentation in the 7(b)2 documentation. In the
16 1993 rate case, my responsibilities focused on the IP-PF rate link in the issues paper, the
17 1993 long-term rate projections, and the financial rate analysis model (FRAM). I also
18 drafted testimony, and served as an expert witness in the 1996 rate case on topics
19 including availability charge, demand waiver, low density discount, service charges, and
20 market viability.

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 in 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) which, beginning in 1994, was used to
22 assess the rate impacts of proposed rate changes on individual utilities. I also developed
23 the 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.

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Page 1

Witness: Jon A. Hirsch

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. In the
5 proceedings for the 2002-2006 rates, I participated on the panel sponsoring the Loads and
6 Resources Study for the public agency sales.

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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 in the Financial Analysis and Requirements group of Corporate
9 Finance.

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 the group that is
15 now part of Financial Analysis & Requirements, designing and implementing numerous
16 BPA 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 for power and transmission functions.

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

1 I have been the primary analyst in Corporate Finance 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 have appeared as a witness on Revenue Requirement issues in BPA's 1991, 1993, 1995,
6 and 1996 general rate proceedings, BPA's 3rd AC Intertie Non-Federal Participation rate
7 case, BPA's 2002 wholesale power rate proceeding and the 2002, 2004 and 2006
8 transmission rate proceedings.

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1 QUALIFICATION STATEMENT OF

2 ALLAN E. INGRAM

3 Witness for the Bonneville Power Administration

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

5 A. My name is Allan E. Ingram. 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 Mechanical Engineer in the Products, Pricing and Rates Group of the Power Business
9 Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in General Engineering from Oregon State
12 University in June 1976. My areas of concentration were thermodynamics and energy
13 analysis.

14 *Q. Please summarize your professional experience.*

15 A. After completing my Bachelor of Science requirements in 1976, I was employed for one and
16 a half years as a Product Engineer at Ford Motor Company, Dearborn, Michigan. I then
17 worked as a private engineering consultant until accepting a position at BPA in 1982. At
18 BPA, I have had assignments in conservation program development, project management,
19 green marketing, renewable policy development, energy storage research and renewable
20 research.

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

22 A. I participated as a witness in the 2002 rate case on the conservation and renewable discount
23 and Green Energy Premium panel.

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1 QUALIFICATION STATEMENT OF

2 DANA M. JENSEN

3 Witness for the Bonneville Power Administration

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

5 A. My name is Dana M. Jensen. 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 an Associates degree in Humanities and General Studies from Lane
12 Community College, Eugene, Oregon in 1987; a Bachelor of Science degree in Finance
13 and Management from the University of Oregon in 1989; and a Master in Business
14 Administration from Portland State University in 1995. My field of concentration was
15 public finance.

16 *Q. Please summarize your professional experience.*

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

1 In my previous position with BPA, I developed a credit review function to assess
2 creditworthiness and determine credit limits for new customers (wholesale). I developed
3 the procedures and a procedure manual, programmed rating criteria into our model, and
4 developed a model to pull records from a data base program into Excel for manipulation
5 and calculation and then to compile a user report. I performed credit analyses and review
6 on potential hazardous waste contractors. I conducted ad hoc analysis including financial
7 profiles, ratio analyses, net present value project analyses, revenue and profit forecasts,
8 cost-effectiveness, buy vs. lease, and various other analyses. I developed current and pro
9 forma business line financial statements and developed and used financial models (using
10 Excel) to identify and assess the financial effects of alternative capital spending and
11 expense levels and financing alternatives. I served as an in-house management
12 consultant, performing studies on efficiency, cost analysis, and feasibility. I also assisted
13 staff end-users in computer troubleshooting and loading software.

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

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

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

22 *A. Yes. I was on the Revenue Requirements Panel in the 2002 Generation Rate Case and on*
23 *the same panel in the 2004 and 2006 Transmission Rate Cases.*

1 QUALIFICATION STATEMENT OF

2 MARK E. JOHNSON

3 Witness for the Bonneville Power Administration

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

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

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

8 A. I am the current Conservation and Renewables Discount (C&R Discount) Program
9 Manager.

10 *Q. Please state your educational background.*

11 A. I have a Bachelor of Science degree from the University of Oregon in Planning, Public
12 Policy, and Management (PPPM). I have also completed 4 years of a 5-year masters
13 program in Architecture at the University of Oregon, but changed majors to pursue a
14 Bachelor of Science in PPPM.

15 *Q. Please summarize your professional experience.*

16 A. Since 1985, I have been employed at BPA in the area of energy efficiency. I have been
17 involved in the Residential Standards Demonstration Project (RSDP) and the Residential
18 Construction Demonstration Project (RSDP) as a researcher; the Model Conservation
19 Standards (MCS) Program as a COTR; the Energy Savings Program (industrial) as
20 program support; and the Con-Mod Program (Aluminum DSIs) and C&R Discount
21 Program as program manager.

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

23 A. I have not been a witness in previous proceedings.
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1 QUALIFICATION STATEMENT OF

2 KENNETH M. KEATING, PhD

3 Witness for the Bonneville Power Administration

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

5 A. My name is Kenneth M. Keating. I am employed by the BPA, 905 NE 11th Avenue,
6 Portland, Oregon.

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

8 A. I am a Public Utilities Specialist with responsibilities for the planning and evaluation of
9 energy efficiency programs at BPA.

10 *Q. Please state your educational background.*

11 A. I have a Bachelor of Arts in Philosophy from Niagara University, a Master of Arts in
12 Sociology from Northern Arizona University, and a PhD. in Sociology from Washington
13 State University.

14 *Q. Please summarize your professional experience.*

15 A. I have been employed by BPA for 23 years in the conservation group. My
16 responsibilities have been concentrated on the evaluation of the conservation programs,
17 providing policy advice, as well as designing and managing market transformation
18 programs. Additionally, for eight years I served as a Board member of the Northwest
19 Energy Efficiency Alliance. Most recently, I have been engaged in drafting policy issues
20 surrounding conservation for the near-term Regional Dialogue and the Long Term
21 Regional Dialogue, and designing the details of BPA's post-2006 conservation initiatives.

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

23 A. This is the first time that I have been a witness in BPA 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 the owner and principal employee of Byron Keep and
6 Associates, 361 NE 61st Court, Hillsboro, Oregon.

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

8 A. I am a consultant for the Bonneville Power Administration, providing advice and analysis
9 on rate setting matters, in particular, on issues concerning the section 7(b)(2) rate test and
10 the SLICE rate.

11 *Q. Please state your educational background.*

12 A. I received a B.S. degree in Science from Oregon State University in 1968, a B.S. degree
13 in Mathematics and in Economics from Portland State University in 1974, and a M.S.
14 degree in Economics from Portland State University in 1976. My fields of concentration
15 were econometrics and public finance.

16 *Q. Please summarize your professional experience.*

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

23 In April 1982, I joined the Rate Forecasting section as the technical team leader
24 responsible for conducting the section 7(b)(2) rate test and BPA's long-term rate
25 projections. In this capacity, I was a member of the technical panel supporting the
26 section 7(b)(2) rate test. In addition, I worked on various other analyses, including the

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Witness: Byron G. Keep

1 Washington Public Power Supply System net billed nuclear project bond refinancing,
2 repayment reform, the 3rd AC Intertie, the Columbia Basin Project, the resource strategy,
3 and the joint BPA/Regional Council long-term load forecast. Concurrently from March
4 1976 through March 1978, I was an economics instructor at Portland Community College
5 and from January 1980 through June 1983, I was an Adjunct Professor of Economics at
6 Portland State University.

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

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

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

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

19 In January of 2001, I was selected as the manager for the Power Products, Pricing
20 , and Ratemaking group. In this capacity, I lead the negotiations that developed the three
21 Cost Recovery Adjustment Clauses that were later adopted in BPA's *2002 Supplemental*
22 *Power Rate Proposal*.

23 In June of 2005, I retired from the Bonneville Power Administration and opened
24 my own consulting business. I am currently under contract to the Bonneville Power
25 Administration, working on the 2007 Power Rate case.

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. I was hired as a contractor to BPA in 1992, where I worked on the development of the
16 HOSS hourly hydroregulation model. In 1997, I was hired by BPA's Operations and
17 Planning group as a full-time employee where I continued to develop hydroregulation
18 models. Subsequently, I became a member of a team of analysts that perform analyses
19 that assess operational and marketing strategies to meet BPA business goals. In 1999, I
20 became Team Lead for this group of analysts. In addition, I have served two six-month
21 details to Generation Scheduling where I assisted in Schedule Planning and was Study
22 Manager for short-term operational and marketing analysis with the Columbia Vista
23 model.

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

25 A. I was a member of the Loads and Resources panel in 2003.

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1 QUALIFICATION STATEMENT OF

2 LARRY D. KING

3 Witness for Bonneville Power Administration

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

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

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

8 A. I am a customer account executive in the Power Business Line (PBL) in Burley, Idaho.

9 *Q. Please state your educational background.*

10 A. I earned a Bachelor of Science degree in Agricultural Engineering Technology from Oregon
11 State University (OSU) in 1976, and a Masters of Agriculture in Agricultural Engineering,
12 Soils and Agricultural Economics from OSU in 1979.

13 *Q. Please summarize your professional experience.*

14 A. I began my employment with BPA in 1984 as a public utilities specialist in BPA's
15 Spokane Area Office. My responsibilities included contract administration for the
16 Irrigated Agriculture, Commercial Audit Pilot, and Institutional Building Conservation
17 Programs. In addition, I assisted in the revision of BPA's pump-test and system-
18 inspection procedures.

19 From 1985 to 1987, I was a public utilities specialist in the Office of Regional
20 Operations in Portland, Oregon where my responsibilities included allocating \$140
21 million to 120 utility participants, monitoring contract performance (and initiating mid-
22 year budget revisions, if appropriate), internal workload analyses for staff allocation to
23 BPA Area Offices, and participating in conservation program design.

24 From 1987 to 1991, I was a public utilities specialist in the Spokane Area Office. I
25 was primarily responsible for managing BPA's Industrial and Agricultural Conservation
26

1 Programs which included contract administration, developing and negotiating contracts, and
2 participating in conservation program development.

3 From 1991 to 1994, I was a supervisory agricultural engineer in the Spokane Area
4 Office for the Commercial, Industrial & Agricultural Section where I supervised two
5 engineers and a public utilities specialist, and managed BPA's Industrial and Agricultural
6 Conservation Programs which included contract administration, developing and negotiating
7 contracts and participating in conservation program design. I was also responsible for
8 developing BPA's Resource Program which established a resource acquisition plan
9 (conservation resources) designed to meet future demand for electricity in the Pacific
10 Northwest.

11 From 1994 to 2001, I worked as the PBL customer account executive in Burley,
12 Idaho. My responsibilities included all aspects of customer relations, power and
13 conservation contract negotiation and administration, and non-Priority Firm sales to 14
14 public agency customers. This entailed resolving billing issues, forecasting loads,
15 assessing net requirements, developing rate impact analyses, and until 2002, serving as
16 the customers' designated agent for acquiring transmission service.

17 From 2001 to 2002, I was the temporary Subscription/Slice product manager
18 tasked with developing the infrastructure for implementing the Slice product. My duties
19 included managing and leading multiple intra-PBL and intra-BPA teams in the
20 development of the financial, billing and scheduling systems to implement the Slice
21 product, and the development of the financial true-up methodology and rate mitigation
22 load reduction contract for Slice and other non-load-following public body contracts. I
23 also negotiated amendments to power sales contracts to bring them into alignment with
24 the FY 2001 supplemental rate, assisted in the development of the billing systems for the
25 PNGC (JOE formation) which were complicated by the net billing arrangements, and
26 collaborated with financial management to assure that all the credit support information

1 was gathered and reviewed before power deliveries began. In 2002, I resumed duties as a
2 PBL customer account executive in Burley, Idaho.

3 In 1981 to 1984, prior to employment with BPA, I was an extension irrigation
4 specialist with Montana State University in Bozeman, Montana, and was tasked with
5 providing timely and pertinent information to extension agents around the state. This
6 included developing and directing a comprehensive education program on irrigation
7 scheduling, methods and management, organizing a sprinkler irrigation school for irrigation
8 dealer training, and leading the development of a radio-controlled, semi-automatic gate
9 controller for border irrigation.

10 From 1979 to 1981, I performed various irrigation-related research at Oregon State
11 University and the College of the Virgin Islands, which included determining present and
12 future water, energy, labor and capital requirements of irrigated agricultural production in
13 Idaho, Oregon and Washington; quantifying and qualifying historical water and energy use
14 from 1950 to 1977 for all economic sectors in Idaho, Oregon and Washington; and
15 determining the water requirements for various sub-tropical fruit and vegetable crops.

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

17 *A. I have not been a witness in BPA's prior rate cases.*

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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 Power Marketing for the Power Business Line.

9 *Q. Please state your educational background.*

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

13 *Q. Please summarize your professional experience.*

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

16 In July 1997, I began working in the PBL's Bulk Hub Account Services section. I
17 forecast and track revenue and energy amounts for the long-term contracts to entities out of
18 the region and to the region's investor-owned utilities and direct service industries. My other
19 responsibilities are coordinating long-term inventory and participating in the current rate
20 case.

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

22 A. I was a witness in the 2002 Wholesale Power rate case proceeding on the Loads and
23 Resources panel and co-sponsored testimony for the Revenue Forecast. I was a witness
24 for the 2003 Safety Net Cost Recovery Adjustment Clause proceeding.

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1 QUALIFICATION STATEMENT OF

2 STEPHANIE FAITH KONESKY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Stephanie Faith Konesky. I am employed by the Bonneville Power
6 Administration, 905 NE 11th Avenue, Portland, Oregon.

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

8 A. I am an Accountant in the Corporate Managerial Accounting group, who reports to the
9 Vice President and Chief Financial Officer.

10 *Q. Please state your educational background.*

11 A. I earned a Bachelor of Science in Business - Accounting/Finance from Montana State
12 University on May 4, 1994. In addition, I earned a Master of Taxation degree from
13 Portland State University on August 15, 1998. Most recently, I earned a Juris Doctorate
14 from Northwestern School of Law of Lewis & Clark College on May 28, 2005.

15 *Q. Please summarize your professional experience.*

16 A. In October 1994, I began working as an Auditor for the Defense Logistics Agency in
17 Arlington, Virginia. I transferred to the Defense Contract Management Command office
18 here in Portland where I became involved with contracts, first as Procurement Technician
19 and that as a Contract Administrator. While working as a Contract Administrator, I
20 attended evening classes to earn my Master's degree. Upon completion of my Master of
21 Taxation, I joined PricewaterhouseCoopers, LLP to gain experience to become licensed
22 as a Certified Public Accountant (CPA). I worked as a Tax Associate preparing tax
23 returns for various types of entities for a little over two years. On March 20, 2000, I
24 became licensed as a CPA in Oregon. I joined BPA on July 1, 2001 and have been
25 working as an Accountant in the area of policy drafting and implementation. My primary
26 responsibility has been monitoring construction and other project costs to ensure policy

1 compliance. In July 2004, I became involved with Slice issues in anticipation of
2 assuming responsibility for reporting of actual costs in the annual Slice True-up
3 calculation. I was involved in the Calendar Year 2004 Audit and am now responsible for
4 preparing future Slice True-ups and coordinating any audits. While working full-time at
5 BPA, I attended Northwestern School of Law in the evening to earn my Juris Doctorate.
6 I recently graduated from law school, passed the July 2005 Oregon Bar Exam, and will
7 be sworn in as an Attorney licensed to practice law in Oregon on September 22, 2005.

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

9 *A. I have no previous experience as a witness.*

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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 Account Executives responsible for public
24 utility customers in eastern Oregon, southeastern Washington, and southern Idaho. I
25 coordinated and developed load forecasts, economic analysis, competitive assessments,
26 and rate impact 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, developing PBL policy. 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 of Pricing and
12 Transaction Analysis for the Power Business Line's Bulk Marketing and Transmission
13 Services group. In this capacity I managed the organization responsible for short-, mid-,
14 and long-term price forecasting and secondary revenue forecasting, the PBL's long-term
15 augmentation strategy, all non-requirements product pricing, all economic analysis
16 support related to non-requirements transactions, and short-term marketing strategy
17 development and analysis in support of BPA's trading floor function.

18 Since 2002, I have been employed by BPA first as the manager for Business
19 Strategy, Finance and Risk Management and then as manager for Power Financial
20 Management, Rates and Planning. In this capacity I manage the organization that
21 (a) leads the power rates development and setting process; (b) coordinates, manages, and
22 produces the business strategy, including research and analysis of the business
23 environment and preparation of agency and PBL strategic plans; (c) leads and manages
24 the annual process for establishing PBL business goals and targets and developing
25 organizational plans to meet objectives; (d) coordinates and oversees financial policy, and
26 financial system development and implementation; capital and expense budgeting; and

1 managerial reporting, including financial target preparation and performance
2 measurement; and, (e) identifies, analyzes, and mitigates risk and evaluates decision
3 alternatives.

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

5 A. I appeared as a witness and sponsored testimony in the 2002 PBL rate case, in both the
6 original (“May 2000” proposal) and the modified proposal finally submitted to FERC
7 (the “Supplemental Proposal”), regarding various aspects of the IOU subscription
8 settlement issues, secondary revenue and long-term market price forecasts, and BPA’s
9 augmentation strategy. I again appeared as a witness and sponsored testimony related to
10 the overview and management direction in the Safety-Net CRAC 7(i) process in early
11 2003.

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1 QUALIFICATION STATEMENT OF

2 CARIE E. LEE

3 Witness for the Bonneville Power Administration

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

5 A. My name is Carie E. Lee. 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 Regional Coordination Group in Generation
9 Supply.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Economics from the University of Oregon
12 in 1975.

13 *Q. Please summarize your professional experience.*

14 A. I have been employed by BPA since 1975 as an industry economist. As an analyst, I
15 have been involved in load forecasting and analysis for various sectors, including
16 utilities, industries, and Direct Service Industries (DSIs). From 1990 to 1998, I was a
17 first-line supervisor of a group involved in midterm utility and DSI load forecasting and
18 analyses, and Federal and regional load/resource analyses. From 1999 to the present, I
19 have provided analytical support in the development of the Slice product. Since 2002, I
20 have been involved in the implementation of the Slice product in area of the annual Slice
21 True-Up Adjustment process, which includes the forecasting of the charge or credit, the
22 actual calculation of the charge or credit, and the Slice customer audit of the charge or
23 credit.

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

1 A. I was a witness in the 1996 Wholesale Power Rate Case and co-sponsored testimony on
2 the Load and Resources Study. I was a witness in the 2002 Supplemental Power Rate
3 Case and co-sponsored testimony on issues dealing with the Slice product.
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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 Manager of the Financial Analysis and Requirements group in Corporate Finance.

9 *Q. Please state your educational background.*

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

13 *Q. Please summarize your professional experience.*

14 A. From 1981 to 1986, I was a Tax Auditor with the Internal Revenue Service. From 1986 to
15 1988, I was a Supervisory Tax Auditor, responsible for managing a group of tax auditors.

16 From 1988 to 1993, I was a Personnel Management Specialist, first with the Internal
17 Revenue Service and then with BPA.

18 From 1993 to 2003, I was a Financial Analyst in the Financial Analysis and
19 Requirements group. I was responsible for conducting research and analysis on a variety of
20 financial data related to revenue requirements and repayment, including preparation of
21 analyses and testimony related to the proposed debt buy-out legislation, and preparation of
22 issue papers and analyses on irrigation assistance. I was the lead analyst for preparation of
23 the demonstration to Treasury on the implementation of the Refinancing Act. I coordinated
24 preparation and drafted portions of the 1993 Final Proposal Revenue Requirement Study and
25 Record of Decision (ROD), the 1995 Initial Proposal Revenue Requirement Study, the
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1 1996 and 2002 Revenue Requirement Studies, Documentation and RODs, and co-sponsored
2 the Testimony on Revenue Requirements for those cases.

3 From June 2003 to June 2004, I was Senior Budget Analyst in the Division of Fish
4 and Wildlife. I had responsibility for tracking, monitoring, analyzing and reporting on the
5 project-level budgets as well as the total budget for the Integrated Program. I also
6 participated in policy development and represented BPA on budget issues with regional
7 external stakeholders.

8 From October 2004 to March 2005, I was the Acting Manager for the Capital and
9 Risk Management group in Corporate Finance. I have been the Manager of the Financial
10 Analysis and Requirements group since May 2005.

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

12 *A.* I appeared as a witness in BPA's 1995 and 1996 general rate adjustment proceedings, and
13 the 2002 power rate proceedings where I sponsored, as a member of a witness panel, the
14 Revenue Requirement Study, Revenue Requirement Study Documentation, and related
15 direct and rebuttal testimony on Revenue Requirement Issues.

1 QUALIFICATION STATEMENT OF

2 ALEXANDER LENNOX

3 Witness for the Bonneville Power Administration

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

5 A. My name is Alexander Lennox. 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 Political Science and History from University
12 of South Dakota, in 1985, and Master of Arts degree in Political Science from the same
13 institution in 1988. In 2000, I earned a Certificate in Public Management from the
14 Atkinson School of Management, Willamette University.

15 *Q. Please summarize your professional experience.*

16 A. From 1988 to 1992, I served in the U.S. Army as a signals intelligence operations
17 specialist and Arabic linguist.

18 From 1993 to 1995, I was the communication systems coordinator for Umatilla
19 County (Oregon) Emergency Management Department.

20 From 1995 to 2004, I worked at the Oregon Liquor Control Commission (OLCC)
21 in a variety of capacities. For the last six years, I was a Research Analyst in the Financial
22 Services Division where I focused on revenue forecasting, trend analysis, legislative and
23 policy analysis, and project management. While at the OLCC, I also served in a
24 temporary capacity as the Director of Retail Store Operations and as the Administrative
25 Services Manager.

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Since March 2004, I have been employed by BPA as a Financial Analyst to work on the revenue requirement. I have been responsible for conducting research and analysis on a variety of financial issues related to the revenue requirement and to risk mitigation. I drafted portions of and coordinated the Revenue Requirement Study, Documentation, and Testimony of the 2006 Transmission Final Proposal.

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

A. I have not been a witness in previous BPA rate case proceedings.

1 QUALIFICATION STATEMENT OF

2 SHELLEY M. LINDLAND

3 Witness for the Bonneville Power Administration

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

5 A. My name is Shelley Lindland. 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 in the Power Financial Management group for the Power
9 Business Line.

10 *Q. Please state your educational background.*

11 A. I graduated from University of Oregon with a Bachelor of Art in Economics and minors
12 in both History and Mathematics.

13 *Q. Please summarize your professional experience.*

14 A. I have been employed by BPA since May 2002 as an Industry Economist in Power
15 Financial Management. I provide financial analyses for the annual Capital Review
16 process for the PBL. I work within the PBL Finance team to provide monthly Power
17 Business Line financial forecasts. I am currently on the Rate Design team for the WP-07
18 Rate Case.

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

20 A. I have never appeared as a witness in previous proceedings.

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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 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 Risk Analyst in BPA's Enterprise Risk Management group.

9 *Q. Please state your educational background and professional qualifications.*

10 A. I hold a Bachelor of Arts degree in Mathematics, which I received from Pomona College
11 in 1974; a Master of Science degree in Counseling, which I received from the University
12 of Oregon in 1980; and a Ph.D. in Systems Science (concentration: uncertainty), which I
13 received from Portland State University in 1995.

14 *Q. Please summarize your professional experience.*

15 A. In 1984, I began working for BPA through a cooperative student program in the Resource
16 Planning section of what was to become the Office of Energy Resources. I worked as an
17 analyst and supervisor to develop and maintain mathematical models and perform
18 analytical studies, (e.g., studies of the demand curve for Pacific Southwest market for
19 nonfirm energy) for ten years. In June of 1994, I was appointed to a Financial Analyst
20 position in the Finance group. In that position I was responsible for several aspects of
21 financial risk management, including serving as the lead in the Financial Services Group
22 for financial risk management activities in BPA's current general rate proceedings. I
23 became responsible for the ToolKit (BPA's tool for calculating Treasury Payment
24 Probability). In May 1997 I moved to a Policy Strategist job in BPA's Strategic Planning
25 group. Along with the strategic planning work, my duties included continued support of
26 BPA's risk analysis work, especially continuing to develop and run the ToolKit. I served

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Page 1

Witness: Byrne E. Lovell

1 as the senior staff analyst for BPA's probabilistic approach to analyzing fish funding, and
2 for the non-operating risks in BPA's 1999 Power Rate Case. I am the author of the
3 current version of The ToolKit and NORM (the Non-Operating Risk Model). My current
4 duties involve helping design BPA's first Enterprise Risk Management program and
5 implement it in conjunction with the Enterprise Risk Management Committee, and
6 helping strengthen BPA's risk management programs across the Agency. My work
7 continues to include supporting both the conceptual framework of BPA's TPP standard
8 and work on developing the ToolKit and running TPP studies.

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

10 A. I appeared as a witness in BPA's 1995 and 1996 general rate proceedings, where I co-
11 sponsored direct and rebuttal testimony on Revenue Requirement and Risk Analysis, as
12 well as the Revenue Requirement Study and supporting documentation. I appeared again
13 as a witness in the 2002 PBL rate case, in both the original ("May 2000" proposal) and
14 the modified proposal finally submitted to FERC (the "Supplemental Proposal"), and in
15 the Safety-Net CRAC 7(i) process in early 2003. I also worked on the risk analysis in the
16 2006 TBL rate case.

1 QUALIFICATION STATEMENT OF

2 MICHAEL J. MACE

3 Witness for the Bonneville Power Administration

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

5 A. My name is Michael J. Mace. I am employed by Public Financial Management, Inc. (PFM),
6 18th & Arch Streets, Philadelphia, PA.

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

8 A. I am employed as a Managing Director. My responsibilities include providing financial
9 advisory services to governmental utilities in the United States.

10 *Q. Please state your educational background.*

11 A. I received a B.A. degree in Psychology from Dartmouth College in 1980, and an MBA from
12 the Fuqua School of Business at Duke University in 1983.

13 *Q. Please summarize your professional experience.*

14 A. I was employed with various national investment banking firms (most recently Goldman,
15 Sachs & Co.) between 1982 and 2001, prior to joining PFM in 2001. While an investment
16 banker, I worked primarily in the field of public power finance.

17 Since joining PFM, I have managed PFM's national financial advisory practice for
18 governmental utilities throughout the United States. Recently, I have provided financial
19 advisory assistance to the Bonneville Power Administration ("BPA") and Energy Northwest
20 ("ENW"). Some of the activities that I have worked on include the issuance of refunding
21 bonds for Energy Northwest, BPA-backed issuances by City of Tacoma, CARES, Lewis
22 County PUD #1, and Eugene Water and Electric Board.

23 PFM's other governmental utility clients include: Southern California Public Power
24 Authority, Northern California Power Agency, Salt River Project (AZ), JEA (formerly
25 Jacksonville (FL) Electric Authority), Anaheim (CA) Public Utilities, Municipal Electric
26 Authority of Georgia, New York Power Authority, Redding (CA) Electric Utility,

1 Massachusetts Municipal Wholesale Electric Company, Orlando (FL) Utilities Commission,
2 and several others.

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

4 A. I have not appeared as a witness in any previous proceedings related to BPA. I have
5 provided public testimony on several financing topics for other governmental utilities.
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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 11th Avenue,
7 Portland, Oregon.

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

9 A. I am the Trading Floor/Pricing Manager 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. I was hired at BPA in
23 April 2002, and worked as the Pricing Manager and Acting Vice President of Bulk
24 Marketing prior to assuming my duties as Trading Floor/Pricing Manager.

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

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1 A. I was a participant in the SNCRAC Rate Case of 2003 on the Secondary Revenue
2 Forecast panel.

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1 QUALIFICATION STATEMENT OF

2 DEBRA J. MALIN

3 Witness for the Bonneville Power Administration

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

5 A. My name is Debra J. Malin. I am employed by the Bonneville Power Administration,
6 905 NE 11th Avenue, Portland, Oregon.

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

8 A. I am a Customer Account Executive for Renewables. I work for Bulk Power Marketing
9 for the Power Business Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Biology from The University of Utah (cum
12 Laude) in 1988 and a Master of Science in Environmental Health from the School of
13 Public Health at the University of Washington in 1991.

14 *Q. Please summarize your professional experience.*

15 A. In 1988 I began my employment for Landau Associates, an Environmental Consulting
16 firm in Seattle, Washington. In my position as Staff Scientist, I performed the firm's air-
17 pollution dispersion modeling, air pollution control analysis, conducted research for
18 Superfund health risk assessments and managed the data base for a large Superfund site.
19 From 1992 to 1993, I worked for GeoEngineers, an Environmental consulting firm in
20 Portland, Oregon doing air quality permits and contaminated site inspections. I began my
21 employment at BPA in 1993 as an Environmental Specialist, performing NEPA analysis
22 for generation and transmission projects until 2001, when I transferred to the Bulk Hub to
23 help establish BPA's renewable program. In 2002, I became an Account Executive.

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 KENNETH J. MARKS

3 Witness for the Bonneville Power Administration

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

5 A. My name is Kenneth Marks and 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, responsible for providing corporate cash management and
9 forecasting analysis in the Capital & Risk Management group in Corporate Finance

10 *Q. Please state your educational background.*

11 A. In 1970, I received a Bachelor of Arts degree in Mathematics from the University of
12 California at San Diego. In 1980, I received a Masters in Business Administration from
13 the University of Washington, with an emphasis in Finance

14 *Q. Please summarize your professional experience.*

15 A. In August of 1981, I started as Financial Analyst at NERCO, the mineral extraction
16 subsidiary of PacifiCorp, where I helped analyze and formulate capital spending and
17 acquisition plans. I was directly responsible for all financial modeling done at NERCO.
18 In 1985 I moved to the PacifiCorp corporate office where I was manager of financial
19 analysis. As such, I oversaw the financial analyses in key acquisitions such as the PPL &
20 UPL merger which eventually occurred in 1988. In 1987 I moved to Pacific Generation
21 Company, the independent power subsidiary of PacifiCorp where I was Director of
22 Financial Analysis. In this position, I was responsible for analyzing prospective
23 acquisitions and capital spending plans and also for acquiring sources of debt and equity
24 financing for projects under development. During my time there, I helped PGC raise
25 over \$300 Million of debt and equity capital.

1 In 1997 I started my own business as a financial consultant, doing business as
2 Strategic Business Decisions. My clients were all utilities or independent power
3 companies who developed merchant gas-fired power plants. As a financial consultant, I
4 helped them analyze, from a financial point of view, prospective development and/or
5 acquisition of independent power projects totaling over \$2.0 billion. I also helped my
6 former company, PGC, prepare for its ultimate sale by drafting the Offering
7 Memorandum which was used to market the company to potential investors.

8 In February of 2004, I came to BPA as a financial analyst. Since that time I have
9 been involved in generating the accrual to cash adjustment analysis used in the Toolkit
10 model as well as performing other miscellaneous projects that relate to BPA's cash
11 management and forecasting program.

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

13 *A.* I have not been a witness at any of BPA's previous proceedings. However in my
14 previous employment roles I have served as a witness for a regulatory proceeding which
15 involved the building of a natural gas pipeline in Canada which would serve one of
16 PGC's prospective projects on Long Island in New York.

1 QUALIFICATION STATEMENT OF

2 PAUL W. McCLAIN

3 Witness for the Bonneville Power Administration

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

5 A. My name is Paul W. McClain. 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 Rates group for the Power Business Line.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Arts degree in Literature from the University of Oregon in 1979,
11 and a Masters of Management degree from George Atkinson School of Management,
12 Willamette University in 1981. My fields of concentration were business economics,
13 finance, and accounting.

14 *Q. Please summarize your professional experience.*

15 A. In May 1981, I began work at Pacific Power and Light in the Revenue Requirements group.
16 In this capacity I was responsible for developing forecasts for operations and maintenance
17 cost for the utility operations, the development of the company's cost of equity capital
18 forecast and assisting the Load Forecast Division in developing studies for General Rate
19 Filings.

20 In subsequent employment with PacifiCorp, Portland General Electric (PGE), and
21 First Interstate Bank of Oregon, I held positions of responsibility which included building
22 and managing major computer modeling systems, investment analysis, corporate planning,
23 and analysis of resource acquisitions and the development of rating agency reports.

24 In April 1991, I began work at BPA in the Residential Exchange Program area. In
25 this position I was responsible for the analysis of various Average System Cost (ASC)
26 filings of participating utilities.

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2 In 1993, I was given the responsibility as the Lead Analyst on PGE rate filings and
3 ASC filings. The responsibility involved intervention in PGE's General Rate Case which
4 included the Trojan Termination issues and the resulting ASC filing.

5 In July 1995, I joined the Energy Efficiency group as a Public Utilities Specialist. In
6 that position I was assigned to the Planning and Forecast group. My responsibilities
7 included developing financial planning models, cost allocation models, and accounting
8 reports.

9 In August 1997, I joined the Products, Pricing and Rates group. I participated on the
10 Products, PF Rate Design, and Subscription teams as a member of this group. I worked on
11 the redesign of the Rates Analysis model. In addition, I was the Study manager for
12 Wholesale Power Rate Development Study and the 7(b) 2) Rate Study.

13 In November 2001, I joined the Regional Coordination Group. My duties included
14 working on the annual Northwest Regional Loads and Resources Study (White Book),
15 modeling thermal resource for the group's data base and assisting in studies that included
16 the Joint Customer Proposal (JCP). My work in the JCP process was to develop Average
17 System Cost values for the regional Investor Owned Utilities.

18 In May 2005, I rejoined the Power Rates group. In addition to the duties described
19 above, I am responsible for the calculation and forecasting of the Average System Costs

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

21 *A. In the 2002 Rate proceeding I was a witness on the COSA panel and the 7(b)2 Rate Test*
22 *Panel.*

1 QUALIFICATION STATEMENT OF

2 PHILLIP W. MCLEOD

3 Witness for the Bonneville Power Administration

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

5 A. My name is Phillip W. McLeod. I am employed by LECG, LLC, 2000 Powell Street,
6 Suite 600 Emeryville, California.

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

8 A. Please refer to the attached CV.

9 *Q. Please state your educational background.*

10 A. Bachelor of Science with honors, in Electrical Engineering, Pratt Institute, New York.
11 Master of Science, Operations Research Department, Stanford University.
12 Ph.D., Engineering Economic Systems Department, Stanford University.
13 Dissertation on the impact of regulation on the capital expansion policies of utilities.

14 *Q. Please summarize your professional experience.*

15 A. Please refer to the attached CV.

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

17 A. Please refer to the attached CV.

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PHILLIP W. McLEOD

LECG, LLC
2000 Powell Street, Suite 600
Emeryville, CA 94608
Tel. (510) 985-6798
Fax (510) 653-9800

EDUCATION

BEE, with honors, Electrical Engineering, PRATT INSTITUTE, New York.

MS, Operations Research Department, STANFORD UNIVERSITY.

Ph.D., Engineering Economic Systems Department, STANFORD UNIVERSITY.
Dissertation on the impact of regulation on the capital expansion policies of utilities.

EMPLOYMENT HISTORY

LECG, LLC, 1998-present
Principal

- Provided expert advice and consulting services to clients on a wide range of electricity market design issues including congestion management, pricing of energy and capacity, market power and market monitoring.
- Prepared expert reports and testified on a wide range of issues

MHB CONSULTANTS, 1991- 2001
Managing Director

- Founding member of an economic consulting firm specializing in economic analysis, strategic planning and expert testimony.

PUTNAM, HAYES & BARTLETT, INC. 1986-1991
Senior Consultant

- Expert testimony, utility economics, economic damages, corporate strategic planning, and business development
- Economic and financial consulting in the areas of litigation support

SAINTS MARY'S COLLEGE OF CALIFORNIA, 1986-1990

Lecturer in the Extended Education Degree Program

- Taught courses on Economics, Management Theory, and Decision-Making Techniques,

DIAMOND SHAMROCK THERMAL POWER DIVISION, 1983-1985

Manager of Business Development

- Supervised business development activities for the corporate division responsible for developing alternative energy projects.

KAISER ALUMINUM CORPORATION, 1981-1983

Senior Corporate Planner and Manager of Acquisitions

- Evaluated new acquisitions and major investments to improve existing facilities for a Fortune 100 company.

STANFORD RESEARCH INSTITUTE, 1979-1981

Management Consultant

- Assisted clients in developing the corporate and division plans for their organization.

PROFESSIONAL ACTIVITIES

Board of Trustee, Power Exchange Corporation of California 1996 - 2001

Board of Directors Executive Committee, World Affairs Council 1994 -2000

Western Economic Association

American Economic Association

HONORS AND AWARDS

Congressional Fellow with the Office of Senator Ted Stevens of Alaska

Ford Foundation Fellowship

Bell Laboratories Doctoral Support Fellowship

National Science Foundation Fellowship

PROFESSIONAL EXPERIENCE

The following are examples of Dr. McLeod's engagements:

Electric Utility Consulting Experience

- Prepared report on generation market power, for a client in the Pacific Northwest based on the Federal Energy Regulatory Commission (FERC) April 14, 2004 market screen methodologies.
- Prepared a report on criteria of assessing the competitiveness of an electric power exchange and on alternative methodologies for linking the price of long-term bilateral contracts, with independent power producers, to the exchange's market clearing price.
- Prepared a report and testified before the Illinois Commerce Commission on design alternatives for the rates charged by utilities for electricity service provided to large consumers including Independent Power Producers.
- Prepared and presented a workshop on alternative methodologies for pricing transmission access in a regional transmission organization (RTO). The focus was on developing a transmission rate that eliminate regional rate pancaking, manage congestion, internalize parallel path flows and provide the proper incentives for new investments.
- Prepared economic analyses and provided expert testimony on the economic value of an independent power plant in a breach of contract dispute between the developer and a major electric utility before the U.S. Bankruptcy Court for the District of Colorado.
- Prepared economic analyses and provided expert testimony on the economic loss suffered by a major electric utility in a breach of contract dispute with an independent power plant over scheduled maintenance of the power plant before the Superior Court of California, County of Shasta.
- Prepared and presented analyses of the different market models for ancillary services being used by deregulated electricity markets in the U.S.
- Prepared an economic model to value the California marketing subsidiary of a privately held retail electricity service provider.
- Prepared a study on the forward and spot markets for energy and capacity in the restructured electricity market in California, including an analysis of market rules zonal pricing and congestion management.
- Prepared analyses of the economic damages suffered by a major electric utility in a breach of contract dispute involving the transfer of power from facilities dedicated under different purchase contracts with different pricing provisions before the Superior Court of California, County of Los Angeles.
- Prepared a study of the potential horizontal market power associated with the prospective sales of energy to the Power Exchange Corporation of California by a major Northwest supplier.
- Prepared an analysis of the different proposals for restructuring the electric utility markets in California for Edison Electric Institute, i.e., poolco v. bilateral contracts, zonal pricing, direct access, transmission pricing.

- Reviewed proposals to restructure the electricity market in Ontario Canada and provided recommendations to Ontario Hydro on the potential impacts of these proposals.
- Reviewed proposals to restructure the electricity market in Ghana and provided recommendations to Kaiser Aluminum on the potential impacts on their smelter operation in that country.
- Prepared economic analyses of the net revenue requirements associated with investments in nuclear versus coal fired generating plants for a number of utilities' in support of the reasonableness of their nuclear power plant decisions.

Gas Industry Consulting Experience

- Directed the analysis and prepared testimony on the rational economic behavior of natural gas pipelines involved in a major anti-trust/conspiracy case evolving out of the 2000/2001 energy crisis.
- Prepared testimony on the reasonableness of contract terms for the sale of natural gas to a retail customer by a national marketer in a breach of contract dispute.
- Prepared testimony on the reasonableness of Canadian gas purchases of a major California utility based on the avoided cost of alternative supplies.
- Directed the analysis of alternative gas supply portfolios for a local distribution company faced with reforming its supply contracts with producers given the newly deregulated environment.
- Prepared an evaluation of the potential market for gas sales to cogenerators in a three-state service area for a major natural gas pipeline company.

Other Consulting Experience

- Prepared a comprehensive report on the economic impact of water shortages on industrial and commercial customers in the San Francisco Bay Area based on an analysis of detailed customer records in nine water districts and a survey of a stratified sample of those customers.
- Prepared an economic analysis of the risks and expected benefits associated with developing geothermal energy projects in the Western U.S., based on an explicit assessment of the resource and market uncertainties.
- Structured and negotiated the sale of the Davies Estate geothermal project for Diamond Shamrock Company.
- Developed a worldwide survey of the geothermal energy business, which included a profile of the market, resource potential and project opportunities in 16 key countries.
- Directed the development of the detailed cost estimation model for the analysis of alternative construction route of a 2,000-mile coal slurry pipeline system in a \$900 million anti-trust litigation case between a number of railroads and the pipeline developers
- Prepared an evaluation of the risks and benefits associated with alternative strategies for expanding a company's business communications services.

Prepared economic analysis and submitted expert report in a breach of contract arbitration proceedings involving a large California customer and an energy service provider. Assessed the impact of legislative and regulatory changes at state and federal levels that could have impacted defendant's ability to carry out its obligation under the contract, examined how it could have limited its risk and estimated defendant's damages due to the breach.

Prepared economic analysis and provided expert testimony in a breach of contract involving a natural gas supplier and a large retail customer in U.S. District Court, Central District of California. Opined on the contract terms of the retail natural gas sales agreement entered into between the parties based on a review of similar contracts and spot market prices during the contract period.

Prepared economic analyses and provided expert testimony in the Commonwealth Edison Company rate case before the Illinois Commerce Commission, 2001; on the appropriate tariff design for energy sold by Commonwealth Edison to large industrial consumers.

Prepared economic analysis and submitted expert report in the case of an independent power producer before U.S. Bankruptcy Court, Eastern District of California, Fresno Division, 2001; on the potential economic benefit derived by the producer/debtor from not breaching its power purchase agreement.

Prepared economic analysis and provided expert testimony in the breach of contract case involving a major electric utility in Superior Court of California, County of San Francisco, 2001, on the economic loss suffered by utility due to the failure of defendant to perform under its electricity sales contract.

Prepared economic analyses and provided expert testimony in U.S. Bankruptcy Court for the District of Colorado, on the economic value of a qualified facility (QF) in a breach of contract dispute between the developer and a major electric utility.

Prepared analyses of the economic damages suffered by a major electric utility in a breach of contract dispute involving the transfer of power from facilities dedicated under different purchase contracts with different pricing provisions; Superior Court of California, County of Los Angeles.

Prepared economic analyses and provided expert testimony, in Superior Court of California, County of Shasta, on the economic loss suffered by a major electric utility in a breach of contract dispute with a qualified facility over scheduled maintenance of the power plant.

Prepared economic analyses and provided expert testimony on the economic damages suffered by a computer database system developer from lost sales and warranty services in a copyright infringement case, U.S. District Court, Northern District of California.

Prepared economic analyses and provided expert testimony, in U.S. District Court, Northern District of California, on the damages suffered by a foreign software developer from lost product sales resulting from a copyright infringement of a local distributor.

Prepared economic analyses and provided expert testimony, in Superior Court of San Francisco, on the issue of the cost for a major newspaper to provide a new advertising product in a predatory pricing case and to estimate damages suffered by plaintiff.

PUBLICATIONS

"Electricity Reforms That Works," with Pablo Spiller, *The Utility Project*, (Spring 2003) pp. 18-21

"The California Electricity Crisis and Antitrust Analysis," with Chris Pleatsikas, *Trade Practices Law Journal*, 2002

“Analyzing Newspaper Costs in Predation Lawsuits,” with Michael Maher, *Newspaper Research Journal*, Vol. 19, No. 4 (fall 1998), 58-70

“Towards the Best Bet: Game Theory and Game Theorists Often Help in the Design of New Market Mechanisms,” with David J. Salant, *Electric Perspectives*, (September-October 1998), 74-83

“The Relationship Between Pension Wealth and Riskiness of Family Portfolios,” *Business Intelligence Program*, SRI International (April 1981)

“Creating Flexibility for Corporate Structures,” with William Royce, *Business Intelligence Program*, SRI International, (December 1980)

June 2005

1 QUALIFICATION STATEMENT OF

2 KAREN L. MEADOWS

3 Witness for the Bonneville Power Administration

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

5 A. My name is Karen L. Meadows. 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 Manager of Planning and Evaluation for Energy Efficiency.

9 *Q. Please state your educational background.*

10 A. I earned a Bachelor of Science degree in mechanical engineering from University of
11 California, Berkeley and a Master of Science degree in Civil and Architectural
12 Engineering, with an emphasis on Energy Systems Engineering from University of
13 Colorado, Boulder.

14 EMBA (Executive MBA) from University of Wisconsin, Madison.

15 *Q. Please summarize your professional experience.*

16 A. Over 24 years of experience in both technical and management capacities with a focus in
17 the field of energy efficiency. Experience includes:

18 Five years (1981 – 1986) as a project manager for the Clorox Company,
19 designing, installing, and starting up new process and packaging equipment.

20 Five years (1988 – 1994) building and managing the Washington State Energy
21 Office's industrial energy efficiency programs.

22 Three years (1994 – 1997) working as a energy management consultant assisting
23 utilities throughout the United States and governments in developing countries, design
24 and evaluate energy efficiency programs.

25 Five years (1997 – 2001 and again in 2004) working as the Associate Director,
26 and later as the Director of Strategic Initiatives, at the Energy Center of Wisconsin, a

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non-profit involved in energy efficiency and renewable energy research, demonstration and education.

Three years (2001 – 2004) working as an independent consultant. One year helping an electric distribution company in India to develop an energy efficiency department and programs. Two years working as the Certification Director for Climate Neutral Network, a non-profit working on greenhouse gas mitigation.

In the fall of 2004, I joined BPA to reconstitute the planning and evaluation function in energy efficiency and now serve as the Manager of Planning and Evaluation and Acting Manager of DSM Technologies for Energy Efficiency.

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

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

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.

1 *Q. Please state your experience as a witness in previous proceedings.*
2 A. I appeared as a witness in BPA's 2003 Safety-Net Cost Recovery Adjustment Clause
3 (SNCRAC) rate case panel on rate design where I co-sponsored testimony on the
4 SNCRAC General Rate Schedule Provisions (GRSPs).
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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. I am responsible for the
15 development and implementation of data base models that aggregate estimates of Federal
16 system and regional total retail loads, contract obligations, and generating resource
17 capabilities for use by BPA for short- to long-range energy and capacity planning. I am
18 responsible for compiling this information for BPA's Loads and Resources Study used
19 for BPA ratemaking, BPA's Pacific Northwest Loads and Resources Study (the White
20 Book), and other reports, analyses, and data requests for BPA and other parties in the
21 Pacific Northwest region.

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

23 A. I participated in the 1992, 1996, 2000, 2002, SNCRAC 2003 Rate Case analyses. I have
24 been a member of the Load Resource panel for the ratemaking process.

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1 QUALIFICATION STATEMENT OF

2 THOMAS R. MURPHY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Thomas R. Murphy. 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 Civil Engineer in the Federal Hydro Projects group of the Power Business Line
9 (PBL).

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Structural Engineering from Portland State
12 University in 1978.

13 *Q. Please summarize your professional experience.*

14 A. I began working at BPA in the Division of Transmission Engineering in June 1979. In
15 that position I was responsible for the engineering responsibilities associated with
16 estimating, planning, and designing transmission projects.

17 In December 1996, I began work in the Federal Hydro Projects group for PBL. In
18 my current position I assist in developing methodologies to cost Reserve Ancillary
19 Services and support the PBL in Reserve and Ancillary Service issues. I also manage
20 projects that the U.S. Army Corps of Engineers and the Bureau of Reclamation
21 implement at dams in our service area. In addition to these duties I serve on several
22 technical committees involved in improving generating machine technologies.

23 My responsibilities also include interfacing with the staff that operate the Federal
24 Columbia River Power System hydro projects and establish how operations can be
25 optimized and cost savings can be realized while unbundling electric industry services.
26

1 My position also requires an understanding of Federal Energy Regulatory
2 Commission and North American Electric Reliability Council policies and regulations
3 concerning Reserve and Ancillary Service issues. My position also requires an
4 understanding of the design and operation of the generating equipment.

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

6 *A. I was a witness in the previous rate case. My testimony covered reactive, regulation*
7 *reserves, and generation dropping charges.*

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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 Business Financial Management, Rates and
9 Planning group for the 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 Bachelor degree in Marketing. I am currently working on
13 an Applied Energy Economics Masters Certificate at Portland State University, Portland,
14 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 BPA since May of 2002 as a Public
20 Utilities Specialist in Power Products, Pricing and Rates group (now Power Finance and
21 Rates) for the Power Business Line (PBL).

22 I was a member of the team that developed the Safety Net CRAC for the 2003
23 Safety Net Rate Case. I worked with other team members to develop the current FB
24 CRAC and SN CRAC methodology.

25 I am responsible for the calculation of two annual rate adjustments for current
26 power rates, specifically the Financial-Based and Safety Net Cost Recovery Adjustment

1 Clauses (CRAC). I also provide rates and policy analysis on issues relating to PBL rates
2 and risk issues.

3 I am currently assigned as the risk mitigation and policy study manager for the
4 WP-07 Power Rate Case.

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

6 A. I appeared as a witness in BPA's SN-03 rate proceedings on SN CRAC rate design.

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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 11th 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, and risk management, contract
20 issues, 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 transferred from the Power Products, Pricing and Rate Development
2 group to the Pricing and Transaction Analysis group of the bulk hub. My responsibilities
3 include acting manager of the group as well as the team lead of long-term price
4 forecasting and team lead of the augmentation. My focus includes long-term price
5 forecasting which is used in BPA's secondary revenue forecasts and biological opinion
6 analyses.

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

8 A. I was a witness in the May 2000 rate case, the June 2001 supplemental rate case, and the
9 SN CRAC rate case.

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1 QUALIFICATION STATEMENT OF

2 LESLIE J. POMPEL

3 Witness for the Bonneville Power Administration

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

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

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

8 A. I am a Public Utilities Specialist in the Transmission and Reserve Services group for the
9 Power Business Line (PBL).

10 *Q. Please state your educational background.*

11 A. I graduated from Lebanon Union High School.

12 *Q. Please summarize your professional experience.*

13 A. I started my career with BPA in May 1985, as a secretary in the Eugene District Office. In
14 1991, I became a Program Analyst for the Information Resources Management (IRM) group
15 at BPA. As a Program Analyst in the IRM it was my responsibility to develop IRM policies
16 and procedures and to formulate, present and execute the IRM Program and Capital
17 Equipment and Reimbursable budgets.

18 Since December 1999, I have been employed as a Public Utilities Specialist in the
19 Transmission and Reserve Services Group in the Power Business Line. I am responsible for
20 the contract management of General Transfer Agreements (GTA) and Open Access
21 Transmission Tariff Services (OATT), along with managing and developing GTA/OATT
22 expense budgets.

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

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

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1 QUALIFICATION STATEMENT OF

2 JOHN B. PYRCH

3 Witness for the Bonneville Power Administration

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

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

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

8 A. I am the Energy Efficiency Implementation Manager in the Energy Efficiency Group of the
9 Power 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 June
12 1968 and a Master of Science degree in Geography from Portland State University in March
13 1973. My areas of concentration were biogeography and man's impact on the environment.

14 *Q. Please summarize your professional experience.*

15 A. After completing my Master of Science requirements in 1973, I served two years in the
16 Peace Corps/Smithsonian Institution Environmental Program in the Philippines as a
17 Regional and Environmental Planner.

18 In 1975, I began work at BPA as an Environmental Specialist focusing on
19 transmission-related impacts and issues.

20 In 1977, I was the Assistant Project Manager for a multi-agency team that prepared
21 the Colstrip Transmission Environmental Report.

22 In 1978, I moved to BPA's Power Management organization and worked on a
23 variety of river operations and resource acquisition (including conservation) environmental
24 issues.

25 In 1980, I was the Project Manager for the Allocations Environmental Impact
26 Statement.

1 In 1981, I was promoted to the Environmental Coordinator for Power Management.
2 During this time, I was responsible for ensuring that BPA's power system operations were in
3 compliance with Federal and State environmental mandates and regulations.

4 In 1984, I was promoted to Assistant Director for the Division of Customer Services.
5 In this capacity, I helped oversee the administration of BPA's power and customer service
6 contracts to include the power revenue billing functions.

7 In 1987, I became BPA's Commercial/Industrial Conservation Branch Chief and
8 oversaw the design and implementation of several innovative energy efficiency programs for
9 the commercial and industrial sectors.

10 In 1994, I assumed leadership of BPA's Business Services Branch and was
11 responsible for developing and managing a variety of energy services programs and projects.

12 From 1996 to 2001, I managed BPA's efforts to redesign our Energy Efficiency
13 organization, programs and activities to provide enhanced customer service to our power
14 customers. Also, I managed the development of the Conservation and Renewables Discount
15 (C&R Discount) as part of BPA's Power Subscription process and the related initial rate
16 proposal and the Conservation as part of Augmentation (ConAug) program.

17 From 2000 through 2001, I served as the acting Energy Efficiency Vice President.

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

19 *A. I was a witness in the previous (2002) rate case proceedings on the Conservation and
20 Renewables panel.*

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 Risk Analyst in the Enterprise Risk Management group under the Chief Risk
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 In August, 2000 I transferred to the Capital and Risk Management group under
25 the Chief Financial Officer. My major duties included analyzing Agency-wide financial
26 risk and related financial analyses.

1 I assumed my current position in October 2003. My major duties include
2 providing staff support to the Enterprise Risk Management Committee, performing risk
3 analysis on Agency strategic risks, and developing tools for analyzing global financial
4 risk to the Agency.

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

6 A. I was a witness for the forecast of the costs of the Residential Exchange Program in
7 previous BPA rate proceedings, most recently in the 1993 Wholesale Power rate
8 proceeding. I was a witness in the SN CRAC 7(i) process, sponsoring testimony and
9 analysis for the Accrual-to-Cash adjustments used by ToolKit to convert net revenues
10 into cash.

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 the Fishery Impact Technical Expert and Principal Hydro Power System Operations
9 Engineer for the Bonneville Power Administration (BPA).

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 help with the planning and analysis of the Federal Columbia River Power System
14 (FCRPS) impacts from operations for fish and other non-power purposes. I have worked
15 continuously for BPA in different aspects of the FCRPS operation and planning function
16 since July 1970. BPA uses the results from computer models designed to simulate the
17 physical characteristics and operations of the hydroelectric system dams and reservoirs in
18 the Columbia River Basin in making decisions in many areas. Some examples are:
19 Endangered Species Act consultations with National Oceanic and Atmospheric
20 Administration – National Marine Fisheries Service (NMFS) and the United States Fish
21 and Wildlife Service (USFWS); BPA rate-making processes; Columbia River Treaty and
22 Pacific Northwest Coordination Agreement planning activities; as well as short- and
23 long-term power marketing decisions. I have recently been involved in the system
24 modeling required to propose BPA rates for the next Rate period (FY 2007-2009),
25 analysis of the potential for construction and operation of a new reservoir in the Yakima
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River Basin (Black Rock), and analysis of the Columbia River Initiative proposed by the State of Washington.

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

A. I was a witness in the 2003 SN-CRAC Rate Case as a member of the Loads and Resources Study Panel.

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 Power Financial Management group for the Power Business
9 Line (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 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 produce budget variance reports on a monthly basis. I helped in the development of cost
24 estimates used in the Cost Review base case and in the Cost Review final
25 recommendations. I helped put together both the Office of Management and Budget and
26 Congressional Budget portions of PBL financial data. I have been the lead Budget

1 Analyst on all major cost reduction initiatives in the PBL since 1994, including the 2003
2 SN CRAC rates process.

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

4 A. I was a witness on the Risk Analysis panel supporting testimony on the Non-Operating
5 Risk Model in the 2002-2006 rate case, and a witness on the Revenue Requirement panel
6 in the 2003 SN CRAC rates process.

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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 B.S. degree in Civil Engineering from Portland State University in 1973, and
11 a M.S. degree in Civil Engineering from the same institution in 1976.

12 *Q. Please summarize your professional experience.*

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

15 In 1978, I began my employment at BPA working in the Division of Transmission
16 Engineering. My primary assignment was the continued development and maintenance
17 of the BPA computer model used to design transmission towers. During this time, I also
18 served as a guest lecturer at Portland State University, teaching a junior level course in
19 structural analysis.

20 In 1987, I began working in the Office of Energy Resources, Power Systems
21 Branch. I was a member of a team that designed and developed the BPA hydrosystem
22 simulation model, Hydrosim. My assignments also included the development of
23 databases to support Hydrosim and other models used in hydro system planning.

24 I started my current position in Risk Management in 1998. My first assignment
25 was to develop data management procedures for the new RiskMod model to be used in
26 the FY 2002-2006 rate case.

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Page 1

Witness: Arnold L. Wagner

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

2 A. I served as a witness on the Risk panel in the 2002 rate case.

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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 Administration
6 (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

8 A. I am an Industry Economist, in the Power Finance and Rates group of 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 Washington in
12 1970, and a Master of Arts degree in Economics from the same institution in 1976.

13 *Q. Please summarize your professional experience.*

14 A. I initially was employed as an Economist in the Rates and Revenues section in 1978,
15 where I worked on the nonfirm rate and the industrial power availability credit during the
16 1979 rate filing.

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

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

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

25 From 1991 through 1993, I supervised the Surplus Sales and Analysis Section and
26 promoted extra-regional seasonal exchanges.

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Witness: Spencer G. Wedlund, Jr.

1 During Fiscal Year 1994, I worked in the Lower Columbia Area Office
2 developing a system to measure cost conservation accomplishments, and led the
3 negotiation in 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 and Statements A and B that accompanied the rate filing.

11 During the 2002 rate filing I was responsible for preparing and sponsoring those
12 portions of the Wholesale Power Rate Design Study and associated documentation
13 dealing with the revenue forecast and Statements A and B that accompanied the rate
14 filing.

15 During the 2003 SN CRAC rate filing I was responsible for preparing and
16 sponsoring those portions of the SN CRAC Adjustment Clause Proposal dealing with
17 revenues.

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

19 *A.* In BPA's 1982 Wholesale Power and Transmission Rate Filing, I filed written testimony
20 and sponsored the Revenue Forecast and NEPA testimony concerning the Transmission
21 rate increase. In 1983, I filed written testimony and sponsored the Revenue Forecast
22 Study, the Nonfirm Revenue Analysis Program (NFRAP), and testimony dealing with the
23 1939 water adjustment for risk, and a lost revenue rate for the Pacific Southwest Intertie
24 transaction.

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

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

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

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

8 In the 2002 wholesale power rate filing and the 2003 SN CRAC Adjustment
9 Clause filing I appeared as a witness sponsoring the Revenue Forecast.

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1 QUALIFICATION STATEMENT OF

2 SCOTT D. WILEY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Scott D. Wiley. I am employed by the Bonneville Power Administration,
6 905 NE 11th Avenue, Portland, Oregon.

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

8 A. My job title is Electrical Engineer, and I work on contract administration in the Power
9 Business Line's (PBL's) Transmission and Reserves Services group.

10 *Q. Please state your educational background.*

11 A. I earned a Bachelor of Science degree in Electrical Engineering from Washington State
12 University in 1984.

13 *Q. Please summarize your professional experience.*

14 A. I started at BPA in June of 1984 in power systems communications in The Dalles. In
15 October 1985, I transferred to a system protection maintenance position in the same
16 complex. In January 1991, I transferred to the Snake River Area Office in Walla Walla,
17 to what was then called Power Management, where I began working on contracts,
18 particularly those providing for the sale or acquisition of transmission services. In
19 August 1994, I transferred to the headquarters in Portland, then in January 1997 to the
20 PBL's Eastern Power Business Hub in Spokane, and finally back to the headquarters in
21 November of 1999, to the position I currently hold. In these last two positions, my main
22 focus has been third party transfer arrangements, including general transfer agreements
23 and the newer Open Access Transmission Tariff network service agreements.

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

25 A. I have managed to avoid being a witness at any previous rate proceedings.
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1 QUALIFICATION STATEMENT OF

2 SCOTT K. WILSON

3 Witness for the Bonneville Power Administration

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

5 A. My name is Scott K. Wilson. 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 Account Executive for Bulk Power Marketing with the primary responsibility for
9 developing policy for the direct service industries (DSIs). In addition, I work on policy
10 and manage customer accounts with Investor Owned Utilities, Marketers and Purchasers
11 in California.

12 *Q. Please state your educational background.*

13 A. In 1989, I received a Bachelor of Arts degree in Economics from Willamette University
14 in Salem, Oregon.

15 *Q. Please summarize your professional experience.*

16 A. In October 1989, I joined BPA as an Industry Economist in Resource Planning. In this
17 capacity, I worked on resource acquisition projects and projects that involved all of
18 BPA's business lines.

19 In October 1993, I worked in BPA's Power Contracts Branch to develop policy
20 and contract solutions to meet BPA and our customers needs and was a key drafter and
21 negotiator for the 1996 power sales contracts BPA signed with our customers.

22 In October 1996, I joined BPA's Washington DC office on a short-term
23 assignment that increased my understanding of how DC activities affect BPA.

24 In May 1997, I took a temporary assignment as a Customer Account Executive in
25 Missoula, Montana, managing the business relationship with the Western Montana
26 customers.

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In October 1997, I became the contract lead for the Subscription process where I led the development of BPA's internal external contract negotiations for the Subscription Contracts.

In October 2000, I joined BPA's bulk hub as a Customer Account Executive with primary responsibility for DSI policy. I remain in this position today. I have led teams on policy and implementation details for all aspects of the DSI business relationship under the Subscription Contracts and am the DSI team lead for BPA's ongoing Regional Dialogue process which is setting policy for DSI benefits for FY2007 and beyond. From September 2004 through March 2005, I was the Slice Manager for the Power business line, after which I returned to my Account Executive job.

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

A. I have no previous rate proceeding experience.

