

2010 BPA Rate Case
Wholesale Power Rate Initial Proposal

**QUALIFICATION STATEMENTS
OF WITNESSES**

February 2009

WP-10-Q-BPA-01
through
WP-10-Q-BPA-65



This page intentionally left blank.

WP-10 BPA RATE CASE QUALIFICATION STATEMENT NUMBERS

NAME	QUALIFICATION STATEMENT NUMBER
Anderson, Rob	WP-10-Q-BPA-01
Bartlett, Kristine	WP-10-Q-BPA-02
Barton, Steven	WP-10-Q-BPA-03
Beale, Katherine	WP-10-Q-BPA-04
Bermejo, Juergen	WP-10-Q-BPA-05
Bliven, Ray	WP-10-Q-BPA-06
Bogdon, David	WP-10-Q-BPA-07
Bolden, Gery	WP-10-Q-BPA-08
Brodie, Paul	WP-10-Q-BPA-09
Chen, Danny	WP-10-Q-BPA-10
Conger, Sid	WP-10-Q-BPA-11
Connolly, Kieran	WP-10-Q-BPA-12
Davis, Reed	WP-10-Q-BPA-13
Doubleday, Bill	WP-10-Q-BPA-14
Elizeh, Eddie	WP-10-Q-BPA-15
Enyeart, Stephen	WP-10-Q-BPA-16
Evans, Liz	WP-10-Q-BPA-17
Fisher, Daniel	WP-10-Q-BPA-18
Fodrea, Kimberly	WP-10-Q-BPA-19
Forman, Charles	WP-10-Q-BPA-20
Garrett, Paul	WP-10-Q-BPA-21
Gilliland, Kimberly	WP-10-Q-BPA-22
Gilman, David	WP-10-Q-BPA-23
Gustafson, Greg	WP-10-Q-BPA-24
Hirsch, Jon	WP-10-Q-BPA-25
Homenick, Ron	WP-10-Q-BPA-26
Hyde, Jeremy	WP-10-Q-BPA-27
Ingram, Allan	WP-10-Q-BPA-28
Jackson, Mark	WP-10-Q-BPA-29
Jensen, Dana	WP-10-Q-BPA-30
Johnson, Janice	WP-10-Q-BPA-31
Kelly, Margo	WP-10-Q-BPA-32
Kitchen, Larry	WP-10-Q-BPA-33
Klippstein, Janet	WP-10-Q-BPA-34
Lee, Carie	WP-10-Q-BPA-35
Lefler, Valerie	WP-10-Q-BPA-36
Lennox, Alexander	WP-10-Q-BPA-37
Lovell, Byrne	WP-10-Q-BPA-38
Mace, Mike	WP-10-Q-BPA-39
Mainzer, Elliot	WP-10-Q-BPA-40
Malin, Debra	WP-10-Q-BPA-41
Mandell, Richard	WP-10-Q-BPA-42
Marks, Kenneth	WP-10-Q-BPA-43
McHugh, Michael	WP-10-Q-BPA-44

McManus, Bart	WP-10-Q-BPA-45
Messinger, Ron	WP-10-Q-BPA-46
Misely, Tim	WP-10-Q-BPA-47
Murphy, Thomas	WP-10-Q-BPA-48
Pearson, Terrin	WP-10-Q-BPA-49
Petty, Robert	WP-10-Q-BPA-50
Roberts, Timothy	WP-10-Q-BPA-51
Rodehorst, Aaron	WP-10-Q-BPA-52
Rogers, Robert	WP-10-Q-BPA-53
Russell, Glenn	WP-10-Q-BPA-54
Russell, Randy	WP-10-Q-BPA-55
Shaughnessy, Julia	WP-10-Q-BPA-56
Wagner, Arnold	WP-10-Q-BPA-57
Warner Joshua	WP-10-Q-BPA-58
Wedlund, Spencer	WP-10-Q-BPA-59
Wellschlager, John	WP-10-Q-BPA-60
Winner, Scott	WP-10-Q-BPA-61
Young, Robert	WP-10-Q-BPA-62
Pyrch, John	WP-10-Q-BPA-63
Rose, Mike	WP-10-Q-BPA-64
Bermejo, Sarah	WP-10-Q-BPA-65

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 Power Services.

9 *Q. Please state your educational background.*

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

12 *Q. Please summarize your professional experience.*

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

17 I have also worked as an international utility consultant.

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

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

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

10 In 2003, I worked in Oman teaching a class on electric utility restructuring and
11 ratemaking. This project was sponsored by the U.S. 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 proceeding, the SN-CRAC rate proceeding, and the*
14 *WP-07 rate proceeding on the Marginal Cost Analysis panel; I specialized in natural gas*
15 *price forecasting.*

1 QUALIFICATION STATEMENT OF

2 KRISTINE BARTLETT

3 Witness for the Bonneville Power Administration

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

5 A. My name is Kristine Bartlett. 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 Operations Planning group for Power Services (PS).

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Economics from Portland State University in
11 June 1990.

12 *Q. Please summarize your professional experience.*

13 A. I began work at BPA as an Industry Economist in the Resource Strategy Section of the
14 Planning Branch in May 1991. I was primarily responsible for analysis on the Resource
15 Program 10-year plan.

16 From August 1994 to January 1998, I was an analyst in Strategic Planning's System
17 Analysis group and was responsible for evaluating a variety of BPA's policies and
18 programs, including resource acquisition decisions.

19 From January 1998 to January 2000, I was an analyst in Federal Hydro Projects and
20 was responsible for performing economic evaluations, including benefit/cost and cash flow
21 analysis, on investments in the Federal Columbia River Power System (FCRPS).

22 From January 2000 to June 2001, I was an analyst in Power Marketing, Transmission
23 and Reserve Services, and was responsible for marketing short-term reserve services in the
24 Pacific Northwest and California markets.

25 From June 2001 to June 2002, I was a Real-time Trader in Bulk Marketing and
26 Transmission Services. I was responsible for coordinating with day-ahead traders in order

1 to optimize trading opportunities between real-time and day-ahead markets and then
2 implementing those strategies by conducting bilateral purchases and sales with utilities
3 across the West Coast.

4 From June 2002 to November 2006, I was an analyst in Power Services, Operations
5 Planning, where I was responsible for conducting hydraulic analysis of reservoir operations
6 (including analysis of energy and capacity) and analyzing the resulting economic impacts of
7 various operation scenarios for the FCRPS. I performed extensive analysis to determine
8 optimum operating strategies to maximize the economic value of the FCRPS while meeting
9 regional non-power requirements, including Endangered Species Act requirements, and
10 maintaining an adequate and reliable regional power supply.

11 Since November 2006, I have been an Industry Economist in Operations Planning. I
12 serve as a senior analyst and technical expert for a broad range of program areas surrounding
13 hydraulic operations of the FCRPS and its economic value. I am responsible for developing
14 and analyzing FCRPS operating scenarios to determine operational flexibility and potential
15 sales or purchase quantities. I also determine probabilistic energy and capacity inventory
16 amounts and recommend operating strategies. I work with the scheduling and trading floor
17 managers to implement operating strategies for optimal revenues and coordinate with the
18 U.S. Army Corps of Engineers and the Bureau of Reclamation on annual operating
19 strategies.

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

21 *A. I have not served as a witness in previous proceedings.*

1 QUALIFICATION STATEMENT OF

2 STEVEN B. BARTON

3 Witness for the Bonneville Power Administration

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

5 A. My name is Steven B. Barton. 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 Power Operations Specialist in the Generation Scheduling Group in Generation
9 Asset Management, Power Services, and a member of BPA's cross-agency Wind
10 Integration Team (WIT).

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science Degree in Civil Engineering from Oregon State
13 University in 1994, and a Master of Science Degree in Civil Engineering from Colorado
14 State University in 1999.

15 *Q. Please summarize your professional experience.*

16 A. I began employment with BPA in March 1992. From that time until June 1994, I was a
17 Civil Engineering Co-op Student in the Seasonal Planning Section. I was responsible for
18 analyzing multi-year simulations of the Federal Columbia River Power System (FCRPS)
19 to estimate firm peak and energy load carrying capability. From June 1994 to October
20 1995, I was a Civil Engineer in BPA's Weather and Streamflow Forecasting Section. I
21 prepared short- and long-term hydrologic forecasts to be used in FCRPS reservoir
22 regulation models and provided hydrologic guidance to reservoir regulation staff. From
23 October 1995 to August 1997, I worked as a Power Operations Specialist in BPA's Duty
24 Scheduling Section, where I was responsible for the real-time operation of the FCRPS. I
25 returned to the Weather and Streamflow Forecasting Section in August 1997, until I had a
26 break in service in August 1998 to complete my graduate degree at Colorado State

1 University. Upon graduation in December 1999, I was employed by the Seattle District
2 of the U.S. Army Corps of Engineers as a Hydraulic Engineer, where I performed
3 detailed water management studies to plan the operation of Federal dams within the
4 District boundaries. I returned to BPA's Duty Scheduling Section in May 2001, as a
5 Senior Duty Scheduler. I began my current position within the Duty Scheduling Section
6 in May 2006. I provide direction and guidance to the real-time staff with respect to
7 operating the Federal generation resources within the BPA Balancing Authority Area and
8 the interaction with non-Federal resources. I served as the BPA Power Services
9 representative to the Northwest Wind Integration Action Plan and currently serve on the
10 BPA WIT, where I am the lead of the Wind Forecasting Subgroup.

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

12 *A. I have not served as a witness in previous proceedings.*

13
14
15
16
17
18
19
20
21
22
23
24
25

1 QUALIFICATION STATEMENT OF

2 KATHERINE L. BEALE

3 Witness for the Bonneville Power Administration

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

5 A. My name is Katherine L. (Kasi) Beale. 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 Supervisory Public Utilities Specialist in the Power Services Generation Policy and
9 Technical Support Group.

10 *Q. Please state your educational background.*

11 A. I received a Master of Science degree in Agricultural and Resource Economics from Oregon
12 State University in 1984. My undergraduate degree is a B.S. in General Agriculture with
13 dual majors in Agricultural and Resource Economics and Horticulture, from Oregon State
14 University in 1981.

15 *Q. Please summarize your professional experience.*

16 A. After graduation I worked as a consultant in fisheries and natural resource economics for
17 several years and then worked part-time for Oregon Department of Energy for about two
18 years before coming to BPA in 1991. At BPA I have worked in various positions as an
19 Industry Economist, Program Analyst, Risk Analyst, Project Manager, and Public Utilities
20 Specialist, and most recently as a supervisor for a group that provides technical analysis and
21 policy support for Power Generation Scheduling.

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

23 A. I have not served as a witness in previous proceedings but was involved in analysis for the
24 WI-09 Wind Integration rate proceeding.

25

26

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 JUERGEN M. BERMEJO

3 Witness for the Bonneville Power Administration

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

5 A. My name is Juergen M. Bermejo. 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 Services Generation Technical Support group.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Business Administration degree from the University of Portland,
11 School of Business, in May 1993.

12 *Q. Please summarize your professional experience.*

13 A. I began work at BPA as a student in 1991 assisting with the preparation of environmental
14 assessments and data collection.

15 From May 1993 to December 1997, I worked in the System Analysis Section
16 developing and operating models for analyzing hydro system sustained peaking capability,
17 regional and BPA generation system reliability, and short-term coordination of operations.
18 Specifically, I co-developed a linear programming model of the regional hydroelectric
19 generating system's 35 primary projects for sustained peak generation analysis. Output
20 from this optimization model was used by the Pacific Northwest Utilities Conference
21 Committee (PNUCC) for winter reliability studies. I contributed to the Northwest Power
22 Pool Coordinating Group's Reliability Team by co-developing a stochastic, reliability
23 evaluation model of the regional hydro-thermal power system to perform loss of load
24 probability calculations. Additionally, I developed a planning model for calculating variable
25 energy content curves for operations planning.

1 From December 1997 to April 2007, I worked in the Power Services Risk
2 Management group performing near-term risk analysis. (This group later moved from
3 Power Services to under the Chief Risk Officer.) I developed a rolling 12-month, Monte
4 Carlo, revenue-at-risk model for evaluating physical and financial trading decisions,
5 analyzing risk mitigation strategies, and calculating the probability of meeting given revenue
6 and risk targets. I became the lead quantitative risk analyst directing a group of quantitative
7 analysts in the continual development and evolution of analytic tools and reports. During
8 this time, I analyzed the financial impacts of integrating wind generation and of providing
9 shaping and storage for wind generation.

10 In April 2007, I began work in Generation Support. My primary function is to
11 analyze the impacts of control area wind generation on BPA's ability to schedule and
12 operate the FCRPS. Most of my work is focused on quantifying the impact that carrying
13 reserves has on plant efficiency.

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

15 *A.* I was a witness in the WP-02 rate proceeding, where I was on the Risk Analysis Study
16 panel, substituting for Jeffrey Chow during cross examination. My focus was market price
17 volatility. I was also involved in analysis for the WI-09 Wind Integration rate proceeding.

1 QUALIFICATION STATEMENT OF

2 RAYMOND D. BLIVEN

3 Witness for the Bonneville Power Administration

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

5 A. My name is Raymond D. Bliven. 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 BPA's Power Rates Manager. I am responsible for managing all aspects of BPA's
9 power rates, and I am responsible for overseeing all facets of this rate case.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Economics from Washington State University in
12 1975. In addition, I have taken course work at Portland State University and received a
13 Certificate of Middle East Studies in 1978. I also have completed graduate courses in
14 econometrics at Portland State University.

15 *Q. Please summarize your professional experience.*

16 A. From September 1980 through June 1994, I was employed by BPA on the rates staff. I
17 was initially an Economist in the Transmission Rates Section. In that position, I
18 prepared economic studies and analyses in support of BPA's transmission rate filings
19 and designed and wrote the computer programs supporting BPA's 1982 and 1983
20 transmission rate design studies. I also worked on the Coincidence Study and the
21 computer programs necessary to prepare the Coincidence Study in BPA's 1982, 1983,
22 1985, 1987, 1991, and 1993 wholesale power rate filings.

23 In November 1983, I moved to the Wholesale Rates Section, and later the Cost
24 Analysis Section, as a Public Utilities Specialist. In 1984, I significantly modified the
25 Rate Analysis Model (RAM) for BPA's 1985 wholesale power rate filing to allow
26 modeling the large number of changes to the rate development process that took effect in

1 1985, as outlined in section 7 of the Northwest Power Act. I was responsible for overall
2 coordination of the RAM in BPA's 1987 wholesale power rate filing and completed a
3 major revision of the Nonfirm Revenue Analysis Program (NFRAP) to incorporate
4 flexible nonfirm pricing.

5 In 1988, I became an Industry Economist in the Revenue Forecasting Section.
6 My duties included forecasting fossil fuel prices, maintaining the NFRAP, and
7 coordinating BPA's revenue forecasts and risk analyses. During this time, my duties also
8 included modeling the market in California for BPA's surplus power. Between
9 September 1990 and May 1991 and again from January 1992 through June 1994, I was
10 Chief of the Rate Analysis Section, supervising the RAM, BPA's Revenue Forecast, and
11 the Risk Analysis. In addition, I was Chief of the Power Rates Branch on an acting basis
12 during the last two months of the 1993 rate case, overseeing the preparation of the draft
13 and final records of decision, as well as all of BPA's final rate proposal studies.

14 From June 1994 through January 2006, I was a consultant with Regulatory &
15 Cogeneration Services, Inc., of Vancouver, Washington. The majority of my work
16 during that time was to consult with and represent industrial power users on issues
17 relating to BPA's wholesale power rates and products as well as terms, conditions, and
18 rates for transmission and ancillary services. I have also provided the industries
19 assistance relating to open access transmission services and pricing. I have participated
20 in many aspects of the development of Independent System Operators in California and
21 the Pacific Northwest.

22 Also during that time, I worked extensively in the field of market price and
23 resource development forecasting. I provided assistance to clients regarding market
24 conditions for resource development, long-range market price forecasts for use in
25 investment planning, and plant valuation studies for use in acquisition decisionmaking.

1 In January, 2006, I assumed my current position as BPA's Power Rates Manager.
2 In this position I oversee BPA's rates staff and the preparation and conduct of all aspects
3 of BPA's rates, rate cases, and rate implementation. In addition to this rate case, my
4 current duties include the implementation of BPA's Tiered Rate Methodology, a rate
5 structure expected to be in place for almost 20 years beginning in FY 2012.

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

7 A. In BPA's 1985 wholesale power rate filing I filed written testimony and sponsored the
8 Rate Analysis Model. In BPA's 1987 wholesale power rate filing, I filed written
9 testimony and sponsored the NFRAP. Although I did not file written testimony, I was
10 responsible for BPA's 1989 Revenue Forecast Study, used in BPA's 1989 wholesale
11 power rate filing to extend BPA's 1987 wholesale power rates. I was BPA's witness
12 sponsoring the revenue forecasts used in BPA's 1991 Variable Industrial Power rate
13 filing. I filed written testimony as a part of three panels in BPA's 1991 rate filing: Cost of
14 Service Analysis/Rate Design Adjustments, Revenue Forecast, and Risk Analysis. In
15 BPA's 1993 rate case, I filed written testimony as a member of 11 panels, including Risk
16 Analysis and Protection, Revenue Forecast, COSA, and Rate Design Issues.

17 In BPA's 1995 rate case, I filed written testimony on behalf of the Direct Service
18 Industries regarding power and transmission rate design, unbundled products and
19 ancillary services, and open access transmission tariffs. In BPA's 1996 and 2002 rate
20 cases, I testified on behalf of the Direct Service Industries in all aspects of those cases,
21 concentrating on revenue requirements, rates and rate design, market and gas price
22 forecasting, average system costs, and the implementation of BPA's statutory rate
23 directives, including the 7(b)(2) rate test.

24 After returning to BPA in 2006, I participated in the WP-07 supplemental rate
25 proceeding as a policy witness and testified on BPA's rate design, rate modeling, average
26 system costs, the Lookback analysis, and the section 7(b)(2) rate test.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

I also participated in the Tiered Rate Methodology rate case as a policy and rate design witness for BPA.

I have also filed written testimony before the Public Utilities Commission of Maryland. I have assisted with filings by other witnesses on cases in Washington, Oregon, and California and before the Federal Regulatory Energy Commission.

1 QUALIFICATION STATEMENT OF

2 DAVID W. BOGDON

3 Witness for the Bonneville Power Administration

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

5 A. My name is David W. Bogdon. I am employed by the Bonneville Power Administration
6 (BPA), 7500 NE 41st Street, Suite 130, Vancouver, Washington.

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

8 A. I am currently an Auditor, serving on a detail to the Transmission Policy and Strategy
9 section of the Transmission Marketing and Sales group in BPA's Transmission Services.

10 *Q. Please state your educational background.*

11 A. I graduated from Portland State University in 1987 with a B.S. degree in Business
12 Administration with emphasis in Accounting. I am a licensed Certified Public
13 Accountant in Oregon.

14 *Q. Please summarize your professional experience.*

15 A. I have worked for BPA since September 2001. From September 2001 until April 2008, I
16 worked as an auditor in BPA's Internal Audit department, where I conducted a variety of
17 internal audits relating to BPA operations. In April 2008, I began my current assignment
18 in the Transmission Policy and Strategy group, assisting in the preparation of the current
19 Transmission rate case, concentrating on preparing the Segmentation Study. For 13 years
20 prior to my employment with Bonneville, I worked for the U.S. Government
21 Accountability Office (GAO, formerly called the U.S. General Accounting Office), the
22 investigative arm of the U.S. Congress, where I conducted audits of various Federal
23 agencies, including BPA. Most of my work at GAO consisted of financial analysis
24 relating to natural resource and energy issues, particularly with respect to Federal
25 hydropower, and involving the Federal Power Marketing Administrations, the U.S. Army
26 Corps of Engineers, and the U.S. Bureau of Reclamation.

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

2 A. I have not served as a witness in previous proceedings.

3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

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, Bulk Marketing, Pricing and Rates, for Power Services.

9 *Q. Please state your educational background.*

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

12 *Q. Please summarize your professional experience.*

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

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

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

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

1 In 2007, I transferred to Bulk Marketing, where I do analysis for pricing
2 unbundled power products and resource support services.

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

4 A. I was a witness in BPA's 1996 and WP-02 rate proceedings. I developed the Demand
5 and Load Variance rates for the WP-02 rate process. I supported these rates with
6 documentation and testimony in these rate proceedings. I was a witness on rate design
7 for shaping energy and demand rates and setting load variance rates in the WP-07
8 original and supplemental rate proceedings. I performed supporting analysis for BPA's
9 WI-09 Wind Integration rate proceeding.

10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

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 Power Services.

9 *Q. Please state your educational background.*

10 A. In 1976, I earned Bachelor of Arts degrees in Accounting, Economics, and Political
11 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.

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, including Accounting Supervisor in the Disbursement
25 Section and Lead Financial Analyst for Business Plans and Support, I accepted my
26 current position with the Power Rates Group.

1 As a Public Utilities Specialist in BPA's Power Rates Group, I have several
2 duties. I prepare studies and analyses that support the section 7(b)(2) rate test in
3 developing BPA's wholesale power rates. Principal duties in this function include
4 analyses, documentation, and the preparation of testimony concerning resources
5 contained in the 7(b)(2) Case resource stack. I also provide support to BPA's Residential
6 Exchange Program's (REP) compliance oversight function, which includes coordinating
7 the annual accounting made by utilities participating in the REP regarding the receipt and
8 crediting of REP benefits to their residential and small farm customers, and the year-end
9 fund balance. Together with BPA's Office of General Counsel, I prepare REP Eligibility
10 Load Determination Decisions and provide guidance and information to participating
11 REP utilities on BPA's REP eligibility load policies and decisions. In addition to these
12 duties, I serve as the Program Coordinator for Power Services' A-123 Internal Controls
13 documentation efforts in support of reporting requirements to the Office of Management
14 and Budget. This program effort is analogous to Sarbanes-Oxley documentation and
15 reporting requirements for private firms with Securities and Exchange Commission filing
16 requirements.

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

18 *A. I was a witness in BPA's WP-07 and WP-07 Supplemental rate proceedings as a member*
19 *of panels sponsoring the Section 7(b)(2) Rate Test Study and the Cost of Service*
20 *Analysis.*

1 QUALIFICATION STATEMENT OF

2 DANNY L. CHEN

3 Witness for the Bonneville Power Administration

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

5 A. My name is Danny L. Chen. I am employed by the Bonneville Power Administration
6 (BPA), 7500 NE 41st Street, Suite 130, Vancouver, Washington.

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

8 A. I am a Public Utilities Specialist (Revenue Analyst) in the Transmission Policy and
9 Strategy section of the Transmission Marketing and Sales group in BPA's Transmission
10 Services.

11 *Q. Please state your educational background.*

12 A. I received a B.S. in Materials Science & Engineering from the University of California
13 and a Post Baccalaureate in Accounting at Portland State University.

14 *Q. Please summarize your professional experience.*

15 A. In May 2005, I began working for BPA as a student co-op for Transmission Finance,
16 where I assisted senior staff in developing the OMB budget and analyzing the capital
17 budget. In January 2006, I converted to full-time status as a Transmission Financial
18 Analyst working on financial analysis and business case proposals for the capital
19 program. In October 2006, I transferred to Asset Workload and Planning and continued
20 to provide analytical support for the capital program. Since October 2007, I have worked
21 as a Public Utilities Specialist (Revenue Analyst) in the Transmission Policy and Strategy
22 organization of Transmission Marketing and Sales. My activities include revenue
23 forecasting, revenue risk analysis, and analytical support to senior staff.

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

25 A. I have not served as a witness in previous proceedings.

This page intentionally left blank.

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 Policy Analysis group of Power Services.

9 *Q. Please state your educational background.*

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

14 *Q. Please summarize your professional experience.*

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

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

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

25 A. In BPA's 1991, 1993, 1996, 2002 (all filings), and 2007 (including Supplemental)
26 wholesale power rate filings, I was responsible for the development of BPA's Risk

1 Analysis models and was a witness on the Risk Analysis Study. I sponsored testimony in
2 BPA's 2002, 2007, and 2007 Supplemental wholesale power rate filings in support of the
3 Risk Mitigation Study. Additionally, I sponsored testimony in BPA's 2007 Supplemental
4 Wholesale Power rate filing in support of the Market Price Forecast, in BPA's 1996 and
5 2002 Wholesale Power Rate filings in support of the Revenue Forecast, and in BPA's
6 1996 Wholesale Power Rate filing in support of the Marginal Cost Analysis. I also
7 worked on the Revenue Forecast and Risk Analysis Study supporting BPA's 1989
8 Wholesale Power rate filing and BPA's 1991 Variable Industrial Power rate filing.

9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

1 QUALIFICATION STATEMENT OF

2 KIERAN P. CONNOLLY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Kieran P. Connolly. 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 Manager of the Generation Scheduling Group in Generation Asset Management
9 in Power Services.

10 *Q. Please state your educational background.*

11 A. I received a B.S. degree in Business Economics from Willamette University in 1989 and
12 a Masters in Business Administration from the University of Portland in 1994.

13 *Q. Please summarize your professional experience.*

14 A. I have been employed by the BPA since 1991. Through September of 1994, I worked as
15 a Supply Systems Analyst in the Materials Management Branch of the Division of
16 Materials and Procurement. From October 1994 through October 1997, I was a Financial
17 Analyst in the Financial Forecasting Group, responsible for or assisting in the Residential
18 Exchange Program forecasts for BPA rate cases, corporate financial forecasting, and
19 other economic analyses. From November 1997 to December 2002, I was a Public
20 Utilities Specialist in the Transmission and Reserves Services group of the Power
21 Business Line (now Power Services) Trading Floor; in that function I designed and
22 marketed reserve service products. From December 2002 to April 2003, I was a Public
23 Utilities Specialist in Industry Restructuring addressing power issues related to proposals
24 to form a regional transmission organization in the Pacific Northwest. From April 2003
25 through March 2007, I was the manager of Regional Coordination in the Power and
26 Operations Planning group of Generation Asset Management. Regional Coordination's

1 functions included long-term modeling of the Federal Columbia River Power System
2 (FCRPS), development and administration of long-term planning studies for the
3 Columbia River Treaty with Canada, FCRPS impact analysis of proposed operations
4 under Biological Opinions, and development of long-term load/resource balance
5 information for rate proposal and inventory use. Since April 2007, I have been the
6 Manager of Generation Scheduling. Generation Scheduling's functions include real-time
7 Hydro Duty Scheduling of the FCRPS, day-ahead system planning, and policy issues that
8 impact real-time power system operations.

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

10 *A.* I co-sponsored testimony in the 1996 rate proceeding on the calculation of Average
11 System Costs for the Residential Exchange program. I also assisted with preparation of
12 the WI-09 Wind Integration rate case.

1 QUALIFICATION STATEMENT OF

2 REED C. DAVIS

3 Witness for the Bonneville Power Administration

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

5 A. My name is Reed C. Davis. 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 Supervisory Public Utilities Specialist in the Customer Services Load Forecasting
9 and Analysis group in Power Services.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Finance from Brigham Young University in 1979.

12 *Q. Please summarize your professional experience.*

13 A. In May of 1979, I began work in the rate department at Utah Power & Light as a rate
14 statistician analyzing and forecasting electricity requirements for the utility, with service
15 territory in Utah, Idaho, and Wyoming. I continued receiving additional responsibilities
16 until I was made manager of the forecasting group.

17 In January of 1989, I was hired into Pacific Power's Market Assessment Services
18 group as the manager of the forecasting activity for the combined Pacific Power and Utah
19 Power & Light companies following their merger. I retained the forecasting
20 responsibilities while at Pacific Power as they transitioned through additional mergers
21 until 2007. I was responsible for the analysis and forecasting activities for retail
22 customers in Utah, Idaho, Wyoming, Oregon, Washington, California, and Montana. In
23 October 2007, I was hired into my current position at BPA, where I am responsible for
24 the agency work in analyzing load and forecasting electricity requirements.

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

2 A. I have not served as a witness in a previous BPA proceeding. I have been a witness in
3 rate cases in numerous jurisdictions in my previous positions, on forecasting and weather
4 normalization matters.

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

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
9 Power Services.

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 at Amherst in 1986. That same year, I earned a Bachelor of Science
13 degree in Resource Economics with a minor in Economics from the University of
14 Massachusetts at Amherst. I earned a Master in Business Administration from the
15 University of California at Davis in 1988.

16 *Q. Please summarize your professional experience.*

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

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

25 In 1991, I became the team lead for the Marginal Cost Analysis and helped
26 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 participated in the informal 1993 rate case workshops and the 1994 tiered rates
11 workshops. I was a witness in the 1996, 2002, 2007 and 2007 Supplemental rate
12 proceedings on the Section 7(b)(2) Rate Test Study and Wholesale Power Rate
13 Development Study panels.

1 QUALIFICATION STATEMENT OF

2 STEPHEN H. ENYEART

3 Witness for the Bonneville Power Administration

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

5 A. My name is Stephen H. Enyeart. I am employed by the Bonneville Power
6 Administration (BPA), 7500 NE 41st Street, Suite 140, Vancouver, Washington.

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

8 A. I am a Customer Service Engineer for generation interconnection projects in
9 Customer Service Engineering, part of BPA's Transmission Planning group, in
10 Transmission Services.

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science degree in Electrical Engineering from Portland
13 State University in 1973. I am a registered Professional Engineer in the State of
14 Oregon.

15 *Q. Please summarize your professional experience.*

16 A. Prior to coming to BPA, I was employed as an electrical engineer specializing in
17 industrial and utility applications for two professional engineering consulting
18 firms: Pacific Engineering Corp. from 1989 to 2000 and Charles T. Main (Parsons
19 Corp.) from 1980 to 1988. I initially was employed as an electrical engineer at
20 BPA from 1973 to 1980 after graduation from college. I have been employed at
21 BPA since July 2000 in Customer Service Engineering. Since 2000, I have been
22 BPA's primary technical contact for generation requests to interconnect wind
23 projects to BPA's transmission system, associated studies, and related technical
24 requirements for interconnection.

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

26 A. I participated in the development of the WI-09 Wind Integration initial proposal.

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 ELIZABETH A. EVANS

3 Witness for the Bonneville Power Administration

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

5 A. My name is Elizabeth A. Evans. 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 Supervisory Public Utilities Specialist in the Power Policy and Rates group of
9 Power Services.

10 *Q. Please state your educational background.*

11 A. I graduated from Duke University in 1971 with a B.S. degree in Botany. I earned a Ph.D.
12 in Evolutionary Biology from the University of Texas at Austin in 1980 and a Masters in
13 Urban Planning from the University of Oregon in 1985, followed by an M.S. in
14 Economics in 1988.

15 *Q. Please summarize your professional experience.*

16 A. I have worked for BPA on a full-time basis since August 1986. For the first two years I
17 had a series of assignments dealing with resource planning, environmental analysis, and
18 customer service in the Seattle area office while a member of the Presidential
19 Management Intern Program.

20 From August 1988 until July 1992, I was assigned to the Planning Branch of the
21 Resource Planning Division in the Office of Energy Resources. I did various analytical
22 tasks, often associated with planning-related policy issues and the Resource Program.

23 From July through November 1992, I was Acting Section Chief of the End-Use
24 Forecasting Section of the Power Forecasting Branch. Staff in this group prepared
25 long-term forecasts for the major electricity-consuming sectors: residential, commercial,
26 industrial, and agriculture.

1 From November 1992 until August 1995, I was Manager of the Program
2 Evaluation section in the Office of Energy Resources. This group was responsible for
3 evaluating the success and costs of BPA's conservation programs. Staff in this group
4 also focused on survey research and helped assess the accomplishments of the agency
5 relative to its stated goals.

6 From September 1995 until March 1996, I was a technical lead in the Marketing
7 Support group and was responsible for managing analytical projects. I worked with other
8 analysts to produce sales and revenue forecasts and to provide market information and
9 analytical studies to assist segment managers and others in marketing efforts for BPA.

10 From December 1995 through September 1996, I worked as an analyst on the
11 Generating Public Utility Segment team. Starting in October 1996, I worked as an
12 analyst in the Power Business Line (PBL; now Power Services) Western Customer
13 Service Center, where I forecasted sales and revenue for the 68 West Hub customers and
14 analyzed policy issues facing the PBL.

15 In May 2001, I moved to a position in the PBL Communication and Liaison
16 group. I was responsible for managing public processes and writing internal talking
17 points and other material related to PBL communication efforts. I worked in that group
18 until July 2004.

19 Since July 2004, I have been working as a manager in the Power Policy and Rates
20 group. I was Acting Rates Manager from January through March 2005 and then again
21 from July 2005 through January 2006. During that time I managed the staff involved in
22 the WP-07 rate proceeding.

23 I was Acting Manager of the entire Power Policy and Rates group from May
24 through November 2007. Since October 2006 I have been the manager of the Policy
25 Analysis group, a subset of Power Policy and Rates, which is responsible for policy and

1 rate analysis, including the market price forecast and a significant portion of the risk
2 analysis for power rate cases.

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

4 A. I was a witness in BPA's 1996 rate proceeding and the May 2000 rate proceeding for the
5 Loads and Resources and Policy panels. I was also a witness on the Lookback Study
6 panel in the WP-07 Supplemental rate proceeding.

7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 DANIEL H. FISHER

3 Witness for the Bonneville Power Administration

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

5 A. My name is Daniel H. Fisher. 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 Rates Design and Implementation group for Power
9 Services.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Economics/Management Science from the
12 University of California at San Diego in 2002.

13 *Q. Please summarize your professional experience.*

14 A. In March of 2004, I began work at Economic Insight Inc. as a staff economist for Samuel
15 Van Vactor. I worked as an analyst for the energy consulting side of the business and as
16 a reporter for the Energy Market Report.

17 In September of 2005, I was hired into BPA's power rates group as an industry
18 economist. I assisted with the WP-07 wholesale power rate proposal, with primary focus
19 on risk policy and the flexible PF program.

20 I have expanded the JIM (Jon's Impact Model) to fit a tiered rate design and have
21 been the lead on Tier 1 rate design for the post FY-2011 contract period. I am also one of
22 the primary analysts in pricing the Resource Support Services that BPA may offer as a
23 product choice in the post FY-2011 contract period.

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

25 A. I was a witness on rate design for the Tiered Rate Methodology proceeding and for the
26 Rate Design Study in the WP-07 Supplemental rate proceeding.

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 KIMBERLY A. FODREA

3 Witness for the Bonneville Power Administration

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

5 A. My name is Kimberly A. Fodrea. 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 Hydraulic Engineer in the Regional Coordination section of BPA's Power and
9 Operations Planning group in Power Services.

10 *Q. Please state your educational background.*

11 A. I hold a Bachelor of Science degree in Civil Engineering from Portland State University
12 (1992).

13 *Q. Please summarize your professional experience.*

14 A. I have worked for the Federal government continuously since 1992 in numerous roles
15 related to the Federal Columbia River Power System. From 1992 through 1999 I worked
16 for the U.S. Army Corps of Engineers Portland District, primarily focusing on the
17 hydraulic design and operation of spillways on the lower Snake and Columbia River
18 dams. From 1999 through 2000, I worked for the U.S. Department of Interior, U.S.
19 Bureau of Reclamation (BOR), primarily focusing on the evaluation of operational issues
20 associated with BOR's hydro projects and coordination with other Federal agencies,
21 tribes, and the regional fish agencies. Part of my responsibilities included hydro
22 modeling. From 2000 through the present I have worked for BPA. From 2000 through
23 2006, I worked in the Fish and Wildlife Policy and Planning group, where my primary
24 duties involved coordination, review, and analyses of fish passage operations. My main
25 focus was on providing policy analysis and advice related to the implications of various
26 operations on fish. In 2006, I began working in BPA's Power and Operations Planning

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

group. My main responsibility now is to provide analyses and estimates of potential operational implications to power generation and revenues.

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

A. I have not served as a witness in previous proceedings.

1 QUALIFICATION STATEMENT OF

2 CHARLES W. FORMAN, JR.

3 Witness for the Bonneville Power Administration

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

5 A. My name is Charles W. Forman, 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 Power Services Customer Account Executive working with investor-owned and
9 consumer-owned utilities.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Economics from the University of Oregon in
12 1977 and a Master of Arts degree in City and Regional Planning from Harvard
13 University in 1981.

14 *Q. Please summarize your professional experience.*

15 A. From December 1981 through April 1994, I worked in various positions in load
16 forecasting and resource planning at BPA. I was initially an Economist in the Load
17 Forecasting Section. In that position, I prepared or reviewed individual customer load
18 forecasts used for power, transmission, and customer service planning and performed
19 analyses in support of BPA's rate filings. I served as Section Chief for the Long Term
20 Forecasting Section from the mid-1980s until April 1994. The Long Term Forecasting
21 Section was responsible for producing BPA's load and power sales forecasts for
22 resource planning purposes. I also represented BPA on the Electric Power Research
23 Institute forecasting subcommittee for several years.

24 From April 1996 through April 2007, I served as an account executive working
25 with BPA's preference, direct-service industrial, and investor-owned utility customers.

1 From May 2007 through September 2008, I served as Project Manager for BPA's
2 response to the Ninth Circuit remands.

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

4 A. I served as a witness during the WP-07 Supplemental rate proceeding on panels
5 addressing BPA's Response to Ninth Circuit Decisions Remanding WP-07 Rates and
6 Finding REP Settlements Unlawful, WP-07-E-BPA-52, and Lookback Results, Recovery
7 and Disposition, WP-07-E-BPA-62.

8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

1 QUALIFICATION STATEMENT OF
2 PAUL D. GARRETT

3 Witness for the Bonneville Power Administration

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

5 A. My name is Paul D. Garrett. 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 a Public Utilities Specialist in the Transfer Services section of the Northwest
9 Requirements Marketing group in Power Services.

10 *Q. Please state your educational background.*

11 A. I graduated from Willamette University in 2005 with a B.A. degree in Politics, and from
12 Willamette University's Atkinson Graduate School of Management in 2006 with a
13 Master's in Business Administration.

14 *Q. Please summarize your professional experience.*

15 A. I have worked for BPA since March 2006, when I was hired to the Power Scheduling
16 Coordination section, which was then located in the Generation and Asset Management
17 Group of Power Services. In Power Scheduling Coordination, I worked primarily to
18 produce short-term forecasts and schedules for BPA's customers served by transfer. I
19 also performed some after-the-fact functions related to BPA's customers served by
20 transfer.

21 In November of 2007, I moved to the Transfer Services section of the Northwest
22 Requirements Marketing group in Power Services, where I administer various transfer-
23 related agreements, which include general transfer agreements and the newer Open
24 Access Transmission Tariff network service agreements.

25 In both positions I also worked to develop the Regional Dialogue power sales
26 agreements.

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

2 A. I have not served as a witness in previous proceedings.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

1 QUALIFICATION STATEMENT OF

2 KIMBERLY D. GILLILAND

3 Witness for the Bonneville Power Administration

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

5 A. My name is Kimberly D. Gilliland. I am employed by the Bonneville Power
6 Administration (BPA), 7500 NE 41st Street, Suite 130, Vancouver, Washington.

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

8 A. I am an electrical engineer working in the Customer Service Engineering section of the
9 Planning and Asset Management group in BPA's Transmission Services. I work
10 primarily on technical customer issues.

11 *Q. Please state your educational background.*

12 A. I graduated from Walla Walla University in 2002 with a B.S. degree in Electrical
13 Engineering.

14 *Q. Please summarize your professional experience.*

15 A. I have worked for BPA since June 1998. From 1998 to 2002, I was a co-op student
16 employee and participated in several detail assignments in various areas of Engineering,
17 including Substations, Customer Service Planning and Engineering, High Voltage Labs,
18 Testing and Energization, and Scheduling and Estimating.

19 From 2002 to June 2004, I worked as an Electrical Engineer in the Substation
20 Design section of Engineering and Technical Services and was responsible for designing
21 substation modifications.

22 In June 2004, I was assigned to Customer Service Planning and Engineering. My
23 primary assignments are in the areas of transmission customer technical issues. In this
24 role I am responsible for managing BPA's relationship with my assigned customers'
25 technical representatives. The name of the group has since been changed to Customer
26 Service Engineering.

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

2 A. I have not served as a witness in previous proceedings.

3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

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 a contractor for the Bonneville Power Administration
6 (BPA), 7500 NE 41st Street, Suite 130, Vancouver, Washington.

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

8 A. I am an electrical engineer under contract to BPA in the Transmission Policy and
9 Strategy section of the Transmission Marketing and Sales group in BPA's Transmission
10 Services. I work primarily on Ancillary and Control Area Services rates and
11 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 and provided expert guidance for transmission
23 planning and related economic analysis. My duties were: (1) studying long-range
24 transmission requirements and preparing intertie and resource integration feasibility
25 studies; and (2) studying and developing BPA's transmission rates, contracts, and policy.

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

3 In September 1994, I moved to Strategic Planning, and in 1996, I moved to the
4 Business Strategy and Assessment group, where I performed the same function. My
5 primary assignments were in the areas of transmission rates and contracts. Beginning in
6 August 2000, I was assigned to the position of Ancillary Services Manager, where I was
7 responsible for the development and application of business practices for Ancillary and
8 Control Area Services. The name of the group has since been changed to Transmission
9 Policy and Strategy. I retired from this position in January 2008. I am currently
10 employed at BPA under contract to work on similar issues.

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

12 *A.* I was a witness in the following BPA rate proceedings and sponsored testimony
13 covering the topics identified: the segmentation of the Northern Intertie in the 1983 rate
14 proceeding; the Third AC Intertie Non-Federal Participation proceeding in 1992;
15 Transmission Segmentation in the 1996 rate proceeding; the Segmentation for Federal
16 Projects in the 2002 Power rate proceeding; the Segmentation Study in the 2002
17 Transmission rate proceeding; the 2002 Proposed Revision to the ACS-02 Generation
18 Imbalance Service rate proceeding; and the segmentation of Federal projects in the 2007
19 Power rate proceeding. In addition, I participated in the development of the WI-09
20 Wind Integration initial proposal.

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 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 in
9 Power Services.

10 *Q. Please state your educational background.*

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

15 *Q. Please summarize your professional experience.*

16 A. I have worked at BPA since 1988. During 1988, I worked as a Financial Analyst in the
17 Exchange Branch of BPA's Office of Financial Management. My responsibilities were
18 in research, analysis, and forecasting of revenues and Average System Costs (ASCs) in
19 the operation of BPA's Residential Exchange Program.

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

1
2 From 1991 to 1994, I was a Public Utilities Specialist in the Commercial Programs
3 Branch of the Office of Energy Resources. I had lead responsibility for: (1) analyzing the
4 economics of electric energy use and cost control in commercial buildings; and (2) analyzing
5 the cost-effectiveness of BPA's commercial conservation 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 Rates and Implementation. My primary
11 responsibilities have been in PF rate design, BPA's industrial margin study, rate impact
12 analysis, and energy price information.

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 proceeding, I was a witness on the Low Density Discount
25 panel. In BPA's 2007 rate proceeding, I was a witness on the Low Density Discount panel
26 and the DSI panel.

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 Power Account Services, Northwest Requirements
9 Marketing, in Power Services.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Economics from the University of Wisconsin at
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
18 Model.

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

22 I developed the JIM (Jon's Impact Model), which, beginning in 1994, was used to
23 assess the rate impacts of proposed rate changes on individual utilities. I also developed
24 the Margin Impact Tool (MIT) used during the Load Commitment Exercise of 1996 for
25 determining allowable diversification levels. Between 1996 and 2007, I was assigned to
26 the Eastern Area Business Area and was responsible for sales forecasting, pricing, and

1 other analyses pertaining to the sales and marketing of power to public agencies. Since
2 2007, I have been assigned to Power Account Services in Northwest Requirements
3 Marketing in Power Services, performing analyses pertaining to the sales and marketing
4 of power to public agencies.

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

6 A. For the 1991 rate proceeding, I participated on the panel that sponsored testimony on the
7 load forecast, specifically related to the forecast ranges and the simulation model, which
8 incorporated economic and temperature deviations into the load forecasting process. In
9 the WP-02, WP-07, and WP-07 Supplemental rate proceedings, I participated on the
10 panels sponsoring the Loads and Resources Study for the public agency sales and the
11 revenue forecasts.

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 Analysis and Requirements group of Corporate Finance.

9 *Q. Please state your educational background.*

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

11 *Q. Please summarize your professional experience.*

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

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

20 In 1985, I became a BPA employee and worked for the group that is now Analysis
21 and Requirements. I have been employed as a financial analyst since 1986. In this capacity,
22 I have been responsible for financial analyses related to revenue requirement development,
23 such as preparation of the projected Federal Columbia River Power System investment base,
24 depreciation forecasts, and functionalization and segmentation of the transmission revenue
25 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 in
3 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 proceeding; BPA's 2002 and 2007 wholesale power rate proceedings; and the 2002, 2004,
8 2006, and 2008 transmission rate proceedings.

9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

1 QUALIFICATION STATEMENT OF

2 JEREMY Z. HYDE

3 Witness for the Bonneville Power Administration

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

5 A. My name is Jeremy Z. Hyde. 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 Policy Analyst in the Power Policy and Rates group of Power Services.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Environmental Science with a specialty in
11 Environmental Policy from Oregon State University in 2000 and a Master of Public
12 Administration with an emphasis in Policy Analysis from San Francisco State University
13 in 2006.

14 *Q. Please summarize your professional experience.*

15 A. I initially was employed as a Physical Scientist in Power Scheduling in 2006. Under
16 supervision, I had responsibility for the hourly scheduling of power and the operation of
17 the Columbia River System. In 2006, I was hired as a Policy Analyst in the Power Policy
18 and Rates group and assumed responsibility for the Power Weekly Financial Reports. In
19 2007, I began to assume responsibility for the Power Revenue Forecast. I am now also
20 responsible for completion of the Revenue Forecast Study.

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

22 A. I have not served as a witness in previous proceedings.

23
24
25

This page intentionally left blank.

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 Power Services.

9 *Q. Please state your educational background.*

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

13 *Q. Please summarize your professional experience.*

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

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

21 A. I participated as a witness in the WP-02 and WP-07 rate proceedings on the Conservation
22 and Renewable Discount and Green Energy Premium panels. I performed supporting duties
23 for the WI-09 Wind Integration rate case, focusing on the embedded cost analysis.

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 MARK A. JACKSON

3 Witness for the Bonneville Power Administration

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

5 A. My name is Mark A. Jackson. I am employed by the Bonneville Power Administration
6 (BPA), P.O. Box 61409, Vancouver, Washington.

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

8 A. I am a Senior Engineer in the Transmission Marketing Commercial Business Policy and
9 Strategy group of Transmission Services.

10 *Q. Please state your educational background.*

11 A. I have a B.S. degree in Petroleum Engineering and a degree in Engineering Science from
12 Montana Tech of the University of Montana, with additional course work in Energy
13 Policy from PSU.

14 *Q. Please summarize your professional experience.*

15 A. I have five years' experience with the Energy Department of the State of Montana as an
16 Energy Policy Analyst, and 19 years experience as an engineer with BPA in various
17 positions related to energy efficiency; renewable generation; distributed generation; and
18 Transmission policy, rates, and tariff implementation. I have been in my current position
19 as Senior Engineer with the Transmission Marketing Policy and Strategy group since
20 2001. I develop business policy for implementation through rates and business practices.

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

22 A. I served as a subject matter expert witness for Ancillary Services related to Regulation
23 and Frequency Response Service and wind-related balancing issues in the TR-08
24 Transmission rate proceeding. I also served as a subject matter expert for rate design in
25 the WI-09 Wind Integration initial proposal.

This page intentionally left blank.

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 Debt and Investment Management 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 in Eugene, Oregon, in 1987; a Bachelor of Science degree in
13 Finance and Management from the University of Oregon in 1989; and a Master in
14 Business Administration from Portland State University in 1995. My field of
15 concentration was 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 cases, regulatory proceedings, access to capital and
19 debt management planning. I serve as a senior technical analyst in developing cost,
20 revenue, and financial forecasts and related analyses with the financial and operating
21 condition of BPA and its business lines, customers, and competitors. I participate in
22 preparing, analyzing, and implementing BPA's financial business strategy; measure
23 financial performance against strategic goals; analyze industry and marketplace
24 developments, including potential State and Federal legislation that may affect BPA's
25 future financial integrity; and develop and maintain financial data, forecast systems, and
26 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 database 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 analyses, including
7 financial profiles, ratio analyses, net present value project analyses, revenue and profit
8 forecasts, cost-effectiveness, and buy vs. lease. I developed current and pro forma
9 business line financial statements and developed and used financial models (using Excel)
10 to identify and assess the financial effects of alternative capital spending and expense
11 levels and financing alternatives. I served as an in-house management consultant,
12 performing studies on efficiency, cost analysis, and feasibility. I also assisted staff end-
13 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. Please state your experience as a witness in previous proceedings.*

22 *A. I was on the Revenue Requirements Panel in the WP-02, WP-07, and WP-07*
23 *Supplemental Power rate proceedings, and on the same panel in the 2004, 2006, and 2008*
24 *Transmission rate proceedings.*

1 QUALIFICATION STATEMENT OF

2 JANICE A. JOHNSON

3 Witness for the Bonneville Power Administration

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

5 A. My name is Janice A. Johnson. 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 accountant in the General Accounting group under Finance.

9 *Q. Please state your educational background.*

10 A. I earned a Bachelor of Science in Accounting from West Chester State University in
11 1991. In addition, I earned a Master in Business Administration from The University of
12 Phoenix in 2005. I became licensed as a Certified Public Accountant (CPA) in the state
13 of Virginia in 2005.

14 *Q. Please summarize your professional experience.*

15 A. From January 2000 to July 2003, I was employed with PacifiCorp as a revenue
16 accountant in the forecasting group. My primary responsibility was booking the unbilled
17 revenue accrual. In addition, I was responsible for monitoring the revenue system and
18 handling the reporting to departments. During the period July 2003 to July 2007, I held
19 various positions with Philip Morris USA, where I audited wholesalers in the field;
20 subsequently, I worked in the compliance department in support of information
21 technology contracts. In July 2007, I began working as an accountant for BPA. In
22 September of 2007, I became involved with Slice issues in support of the reporting of
23 actual costs in the annual Slice True-up calculation.

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

2 A. I was a witness in the WP-07 Supplemental proceeding and the Tiered Rate Methodology
3 proceeding, where I testified about issues related to the Slice True-Up and related Cost
4 Verification Process.

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

1 QUALIFICATION STATEMENT OF

2 MARGO L. KELLY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Margo L. Kelly. I am employed by CIBER Inc., Suite 215, 700 N.E.
6 Multnomah, Portland, Oregon. CIBER Inc. is a contractor to the Bonneville Power
7 Administration (BPA).

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

9 A. I am currently assigned as a Financial Analyst to the Power Policy Analysis group, Power
10 Services.

11 *Q. Please state your educational background.*

12 A. In 1982, I received a Data Analyst diploma from Western Business College.

13 *Q. Please summarize your professional experience.*

14 A. I worked as an inventory control clerk for Horizon from 1986 to 1989.

15 In 1990, I began working at BPA through various contracting services.

16 In 1998, I developed an automated system for gathering data from the Internet and
17 other sources and storing these data in a local Access database.

18 In 2000, I began providing data support to the BPA Risk Analysis Model
19 (RiskMod). In 2004, I began performing risk analysis studies in support of monthly
20 financial updates and to determine the economic impact of alternative hydro operations.

21 Under the direction of senior risk analysts, I performed the RiskMod risk analysis
22 studies in support of the WP-07 and WP-07 Supplemental rate filings.

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

24 A. I have not served as a witness in previous proceedings.

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 LAWRENCE E. KITCHEN

3 Witness for the Bonneville Power Administration

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

5 A. My name is Lawrence E. Kitchen. 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 Manager of Long Term Sales & Purchases in the Bulk Marketing organization in
9 Power Services.

10 *Q. Please state your educational background.*

11 A. I received a B.A. degree in Economics from Stanford University in 1974 and a
12 Juris Doctorate from Willamette University in 1978.

13 *Q. Please summarize your professional experience.*

14 A. I initially was employed at BPA in 1979 in the Division of Customer Service as a Public
15 Utilities Specialist. During the five years I worked in Customer Service, I prepared
16 transmission, transfer, exchange, service and exchange, surplus power, conservation,
17 exchange transmission credit agreement, direct service industrial (DSI) power sales, and
18 utility power sales contracts. I assisted rate staff in the development of models for analyzing
19 the impacts of proposed surplus power sales, the development of surplus power and capacity
20 rates, and the development of the availability charge for utility power sales contracts. I also
21 assisted in the development of an interpretive rule for determining billing credits for
22 resource development under the Northwest Power Act.

23 From 1985 to 1987, I worked in the Office of General Counsel. I worked as a liaison
24 with the Department of Justice Field Office, representing the Government in Washington
25 Public Power Supply System litigation and the Supply System's General Counsel's office.
26 I advised BPA on the impacts of the Tax Reform Act of 1986 on financing for the Supply

1 System, BPA, and Northwest public utilities. I analyzed legal issues regarding the potential
2 termination of Supply System Projects 1 and 3, and the impacts of Supply System litigation.
3 I assisted in the BPA study on requirements for refinancing Supply System bonds. I also
4 negotiated and drafted portions of the settlement of litigation regarding the construction
5 delay of WNP-3.

6 From 1987 to 1993, I managed the Power Contracts Branch in the Division of
7 Contracts and Rates. I directed staff responsible for designing, negotiating, drafting, and
8 administering utility power sales agreements, DSI power sales agreements, long-term
9 surplus power and capacity sales and exchanges, residential purchase and sales agreements
10 (RPSA), billing credit agreements, and resource acquisition agreements.

11 From 1992 to 1996, I directed teams responsible for negotiation of new power sales
12 contracts with BPA's utility and DSI customers and new RPSAs. I also chaired the
13 committee responsible for developing power, transmission, and energy service products
14 under the BPA Marketing Plan.

15 During 1996, I was the Segment Manager for BPA's DSI customers. The DSI
16 segment team focused on implementation issues under the new DSI contracts during this
17 period.

18 From 1996 until 2007, I was a Senior Account Executive in the Bulk Power
19 organization. I was responsible for the BPA power business customer relations with
20 Canadian utilities, marketers, Idaho Power Company, and Northwestern Energy. I have also
21 managed accounts with customers in the California, Montana, and Idaho markets. I also
22 chaired BPA's internal team for investor-owned utility issues, including implementation of
23 the Subscription Settlement Agreement, the Financial Settlement Agreement with
24 PacifiCorp, the Amended Settlement Agreement with Puget Sound Energy, the Agreement
25 Regarding Fiscal Year 2003 Deferral Amount, and the Agreement Regarding Payment of
26 Residential Exchange Program Settlement Benefits During Fiscal Years 2007 through 2011.

1 I am currently responsible for managing the Long Term Sales & Purchases
2 organization in Bulk Marketing. I direct staff responsible for managing the Power Services
3 business relationship with extra-regional customers, marketers, independent power
4 producers, and direct-service industrial customers; establishing enabling agreements for
5 trading floor transactions; drafting and negotiating long-term surplus sales, long-term power
6 purchases, and resource acquisition agreements; developing BPA's renewable resource
7 policy and marketing environmental attributes created by resource output marketed by BPA;
8 developing transmission strategies and making associated transmission purchases associated
9 with the purchase of transmission needed to sell BPA's surplus power or acquire power and
10 resources; and developing the price for generation input components supplied by Power
11 Services to BPA's transmission organization for ancillary services.

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

13 *A. I was a witness in BPA's 1996 and 2000 rate proceedings. In the WP-96 proceeding I*
14 *participated on a panel that sponsored testimony regarding BPA's business relationship with*
15 *its customers specified in the 1996 power sales contracts and products. In the WP-02*
16 *proceeding I testified regarding augmentation.*

This page intentionally left blank.

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 in the Long-Term Sales and Purchases group within Bulk
9 Power Marketing for Power Services.

10 *Q. Please state your educational background.*

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

14 *Q. Please summarize your professional experience.*

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

17 In July 1997, I began working in the Power Business Line (now Power Services)
18 Bulk Hub Account Services section. I forecasted and tracked revenue and energy amounts
19 for the long-term contracts to entities out of the region and to the region's investor-owned
20 utilities and BPA's direct-service industrial customers.

21 Currently I am a Public Utilities Specialist. My forecasting duties have expanded to
22 include renewable power purchases and generation inputs for ancillary and reserve services.
23 My other responsibilities are coordinating resolution of implementation issues with long-
24 term contracts, managing the renewables budget, and maintaining data systems on long-term
25 contract sales energy amounts and revenue. In addition, I recently served as the study
26 manager for the 2009 Wind Integration rate case.

1 Q. *Please state your experience as a witness in previous proceedings.*
2 A. I was a witness in the WP-02 wholesale power rate case proceeding on the Loads and
3 Resources panel and co-sponsored testimony for the Revenue Forecast. I was a witness
4 for the 2003 Safety Net Cost Recovery Adjustment Clause proceeding. I was a witness in
5 the WP-07 Supplemental rate proceeding on the Revenue Forecast and Purchased Power
6 Expenses panel and the Generation Inputs for Ancillary Services panel.

7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

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 Slice Operations Group in Generation Supply,
9 Power Services.

10 *Q. Please state your educational background.*

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

12 *Q. Please summarize your professional experience.*

13 A. I have been employed by BPA since 1975 as an industry economist and as a public
14 utilities specialist. Over the last 10 years, I provided analytical support in the
15 development and implementation of the Slice product. Since 2002, I have been involved
16 in the implementation of the Slice product in area of the annual Slice True-Up
17 Adjustment process, which includes the forecasting of the charge or credit, the actual
18 calculation of the charge or credit, and the Slice customer audit of the charge or credit.

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

20 A. I was a witness in the 1996 Power rate proceeding and co-sponsored testimony on the
21 Load and Resources Study. I was a witness in the WP-02 Supplemental Power rate
22 proceeding and co-sponsored testimony on issues dealing with the Slice product. I was a
23 witness in the WP-07 Power rate proceeding, the WP-07 Supplemental Power rate
24 proceeding, and the Tiered Rate Methodology rate proceeding, sponsoring testimony on
25 issues dealing with the Slice Product, Slice Rate, and Slice Revenue Requirement.

This page intentionally left blank.

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 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,
11 augmented by numerous accounting, statistics, and business law classes at Portland State
12 University.

13 *Q. Please summarize your professional experience.*

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

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

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

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

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 adjustment proceedings and the*
11 *WP-02 Power rate proceedings, where I sponsored, as a member of a witness panel, the*
12 *Revenue Requirement Study, Revenue Requirement Study Documentation, and related*
13 *direct and rebuttal testimony on Revenue Requirement issues. In the WP-07 and WP-07*
14 *Supplemental Power rate proceedings I sponsored testimony, as a member of a witness*
15 *panel, on BPA's Financial Strategy and Risk Tolerance.*

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 Analysis and Requirements group in Corporate Finance.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Political Science and History from the
11 University of South Dakota in 1985, and Master of Arts degree in Political Science from
12 the same institution in 1988. In 2000, I earned a Certificate in Public Management from
13 the Atkinson School of Management, Willamette University.

14 *Q. Please summarize your professional experience.*

15 A. I have been employed by BPA as a Financial Analyst since March 2004 to work on the
16 revenue requirement. I have been responsible for conducting research and analysis on a
17 variety of financial issues related to both the revenue requirement and risk mitigation. I
18 drafted portions of and coordinated development of the Revenue Requirement Study,
19 documentation, and testimony for the 2006 and 2008 Transmission rate cases and the
20 WP-07 and WP-07 Supplemental Power rate cases.

21 Before coming to BPA, I spent 16 years in the U.S. Army and state and local
22 government. Most recently, I worked at the Oregon Liquor Control Commission (OLCC)
23 from 1995 to 2004. I was a Research Analyst in the Financial Services Division, where I
24 focused on revenue forecasting, trend analysis, legislative and policy analysis, and project
25 management. While at the OLCC, I also served in a temporary capacity as the Director
26 of Retail Store Operations and as the Administrative Services Manager.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

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

A. I was a witness on the revenue requirement panel in the WP-07 and WP-07 Supplemental Power rate proceedings.

1 QUALIFICATION STATEMENT OF

2 BYRNE 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 PhD 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 the Pacific Southwest market for
19 nonfirm energy) for 10 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 general rate proceedings. I became
23 responsible for the ToolKit, BPA's tool for calculating Treasury Payment Probability
24 (TPP). 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

WP-10-Q-BPA-38

Page 1

Witness: Byrne Lovell

1 as the senior staff analyst for BPA's probabilistic approach to analyzing fish funding and
2 the non-operating risks in BPA's 1999 Power rate case. I am the author of the current
3 version of The ToolKit and NORM (the Non-Operating Risk Model). My current duties
4 involve helping design BPA's first Enterprise Risk Management program and implement
5 it in conjunction with the Enterprise Risk Management Committee, and helping
6 strengthen BPA's risk management programs across the Agency. My work continues to
7 include supporting both the conceptual framework of BPA's TPP standard and work on
8 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 testimony on Revenue Requirement and Risk Analysis and the Revenue
12 Requirement Study and supporting documentation. I appeared again as a witness in the
13 WP-02 Power rate proceeding for both the original proposal and the Supplemental
14 Proposal. I also appeared as a witness in the 2003 Safety Net Cost Recovery Adjustment
15 Clause rate proceeding. I worked on the risk analysis in the 2006 Transmission rate
16 proceeding. I was a witness in the WP-07 Power rate proceeding and the WP-07
17 Supplemental rate proceeding, testifying on risk issues.

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 a contractor for 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 consultant to BPA regarding the financing benefits calculation for the section 7(b)(2)
9 rate test.

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 Public Financial Management (PFM)
16 in 2001. While an investment banker, I worked primarily in the field of public power
17 finance.

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

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

1 Authority of Georgia, New York Power Authority, Redding (CA) Electric Utility,
2 Massachusetts Municipal Wholesale Electric Company, Orlando (FL) Utilities Commission,
3 and several others.

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

5 A. I was a witness in the BPA WP-07 and WP-07 Supplemental rate proceedings, providing
6 advice on the financing analysis for the section 7(b)(2) rate test. I also have provided public
7 testimony on several financing topics for other governmental utilities.

8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

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

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

8 A. I am BPA's Executive Vice President for Corporate Strategy. In this capacity, I also
9 serve as the Corporate executive sponsor of BPA's Wind Integration Team.

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 at Berkeley in 1989.

15 *Q. Please summarize your professional experience.*

16 A. From 1989 to 1992, I worked as a contractor at the University of California at Berkeley
17 School of Public Health in between stints of overseas travel. From 1992 to 1995, I was
18 employed as a researcher and writer at the UC at Berkeley School of Public Health.
19 From 1995 to 1998, I was in graduate school and completed summer internships at the
20 Energy and Development Research Center at the University of Cape Town, South Africa
21 (1996), and with the Government Affairs division of Enron Corporation in 1997. From
22 1998 to 2001, I was employed by Enron North America, first as the head of Power
23 Structuring for Enron's Portland, Oregon, office and then as head of the Renewable
24 Power Desk. I was hired at BPA in April 2002, and worked as the Pricing Manager,
25 Acting Vice President of Bulk Marketing, and Trading Floor/Pricing Manager within
26 Power Services. In July 2006, I joined Transmission Services as the Acting Manager of

1 Customer Service Engineering and simultaneously managed the development of the
2 Northwest Wind Integration Action Plan. In January 2007 I became the manager of
3 Transmission Policy and Strategy. In October 2008, I was appointed to the position of
4 Executive Vice President for Corporate Strategy.

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

6 *A.* I was a witness on the Secondary Revenue Forecast panel in the 2003 Safety Net Cost
7 Recovery Adjustment Clause rate proceeding. I was a witness on the Firm Power
8 Products and Services rate panel during the WP-07 wholesale power rate proceeding. I
9 assisted with preparation for the WI-09 Wind Integration rate proceeding.

10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

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 in Power Services.

10 *Q. Please state your educational background.*

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

14 *Q. Please summarize your professional experience.*

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

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

2 A. I was on the witness panel sponsoring testimony on the subject of renewables in the
3 WP-07 rate proceeding.
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

1 QUALIFICATION STATEMENT OF

2 RICHARD Z. (ZACH) MANDELL

3 Witness for the Bonneville Power Administration

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

5 A. My name is Zach Mandell I am employed by Two Degrees, a contracting agency
6 headquartered at 821 2nd Avenue, Seattle, Washington. I am a contractor for the
7 Bonneville Power Administration (BPA) at 905 NE 11th Avenue, Portland, Oregon.

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

9 A. I am a contractor in a Risk Analyst position for Transacting and Credit Risk
10 Management.

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science degree in Business Administration from the Lundquist
13 College of Business at the University of Oregon in 2004.

14 *Q. Please summarize your professional experience.*

15 A. I have been employed by Two Degrees and been a full time contractor with BPA since
16 May 1, 2008. I have been responsible for analyzing trade activity to be within policies
17 set by the agency. I model various risk scenarios, produce reports, validate data sets, and
18 perform other various risk management-related tasks.

19 Before coming to BPA, I managed a computer retail and service location in Bend,
20 Oregon. In such capacity, I managed 11 employees, performed purchasing and pricing
21 analysis, became certified as a repair technician, and performed related managerial tasks.

22 *Q. Have you ever appeared as a witness in a rate case?*

23 A. I have not served as a witness in previous proceedings.

24
25
26

This page intentionally left blank.

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 Senior Financial Analyst, responsible for providing corporate cash management
9 and forecasting analysis in the Cash and Treasury Management group in Corporate
10 Finance

11 *Q. Please state your educational background.*

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

15 *Q. Please summarize your professional experience.*

16 A. In August of 1981, I started as Financial Analyst at NERCO, the mineral extraction
17 subsidiary of PacifiCorp, where I helped analyze and formulate capital spending and
18 acquisition plans. I was directly responsible for all financial modeling done at NERCO.
19 In 1985, I moved to the PacifiCorp corporate office, where I was manager of financial
20 analysis. As such, I oversaw the financial analyses in key acquisitions such as the PPL
21 and UPL merger, which eventually occurred in 1988. In 1987, I moved to Pacific
22 Generation Company, the independent power subsidiary of PacifiCorp, where I was
23 Director of Financial Analysis. In this position, I was responsible for analyzing
24 prospective acquisitions and capital spending plans and also for acquiring sources of debt
25 and equity financing for projects under development. During my time there, I helped
26 PGC raise 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 these companies analyze, from a financial point of view, prospective development
5 and/or acquisition of independent power projects totaling over \$2.0 billion. I also helped
6 my former company, PGC, prepare for its ultimate sale by drafting the Offering
7 Memorandum that 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 appeared as a witness in the WP-07 rate proceeding and the WP-07 Supplemental rate
14 proceeding. In my previous employment roles I served as a witness for a regulatory
15 proceeding that involved the building of a natural gas pipeline in Canada to serve one of
16 PGC's prospective projects on Long Island in New York.

1 QUALIFICATION STATEMENT OF

2 W. MICHAEL McHUGH

3 Witness for the Bonneville Power Administration

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

5 A. My name is W. Michael McHugh. I am a contractor for the Bonneville Power
6 Administration (BPA), 905 NE 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you retained by BPA?*

8 A. I am a technical advisor to BPA's Residential Exchange Program section in the areas of
9 ratemaking (investor-owned and consumer-owned utilities), resources planning, cost
10 accounting, and FERC system of accounts. I am the analyst responsible for reviewing the
11 Average System Cost (ASC) filings for PacifiCorp, Puget Sound Energy, and Snohomish
12 PUD. Additionally, I am assisting BPA in the development of the ASC forecasts for the
13 exchanging utilities for this rate proceeding. I assisted BPA in the development of the
14 2008 Average System Cost Methodology and in the implementation of the Residential
15 Exchange Program for FY 2009.

16 *Q. Please state your educational background.*

17 A. I have Bachelor of Science degree in economics from Idaho State University and a
18 Master of Science degree in economics from the University of Washington. I have
19 completed all but my dissertation toward a PhD in economics from the University of
20 Washington.

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

22 A. Over the past 30 years, I have prepared expert testimony in numerous proceedings
23 conducted before the Oregon Public Utility Commission, the Washington Utilities and
24 Transportation Commission, Idaho Public Utilities Commission, BPA, and the Federal
25 Energy Regulatory Commission. A resume detailing all of my prior experience is
26 available upon request. Most recently, I sponsored testimony as a witness on the FY

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

2009 Residential Exchange, Average System Cost, and Load Forecast panel in the WP-07 Supplemental wholesale power rate proceeding.

1 QUALIFICATION STATEMENT OF
2 BARTHOLOMEW A. McMANUS

3 Witness for the Bonneville Power Administration

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

5 A. My name is Bartholomew A. McManus. I am employed by the Bonneville Power
6 Administration, 5411 NE Hwy 99, Vancouver, Washington.

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

8 A. I am an Electrical Engineer in Technical Operations, Transmission Services, in
9 charge of Automatic Generation Control (AGC).

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science in Electrical Engineering (BSEE) from the
12 University of Washington in 1993.

13 *Q. Please summarize your professional experience.*

14 A. I was hired by BPA in October 1994. I was the programmer for the AGC system
15 for about nine years. In 2003, I moved to the Technical Operations section and
16 took charge of AGC for BPA. In this position I ensure that BPA's AGC system
17 operates correctly with respect to national and regional standards. I have been
18 involved with wind integration issues since 2006 and am the technical lead for
19 transmission on the BPA Wind Integration Team. I was a member of the
20 Western Electricity Coordinating Council (WECC) Performance Work Group,
21 North American Electric Reliability Corporation (NERC) Resources
22 Subcommittee, and Northwest Power Pool (NWPP) from 2003 through 2007. I
23 was a member of the WECC Control work group from 1995 through 2003,

1 serving as chair from 1998 through 2003. I am also a member of multiple
2 transmission operations-related taskforces and committees, including the WECC
3 Operating Committee, the WECC Technical Operations Subcommittee, the newly
4 formed WECC Variable Generation Subcommittee, and the NWPP Operating
5 Committee.

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

7 *A. I participated in preparation of the WI-09 Wind Integration rate case.*

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

1 QUALIFICATION STATEMENT OF

2 RONALD E. MESSINGER

3 Witness for the Bonneville Power Administration

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

5 A. My name is Ronald E. Messinger. I am employed by the Bonneville Power
6 Administration (BPA), 7500 NE 41st Street, Vancouver, Washington.

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

8 A. I am currently an Electrical Engineer in the Commercial Business Assessment section of
9 the Transmission Policy and Strategy group in Transmission Marketing and Sales,
10 Transmssion Services.

11 *Q. Please state your educational background.*

12 A. I graduated from Walla Walla College in 1988 with a B.S. degree in Engineering with an
13 Electrical concentration. I am a licensed Professional Engineer in Washington State.

14 *Q. Please summarize your professional experience.*

15 A. I have worked for BPA since September 1988. From September 1988 until January
16 1995, I worked as a Design Engineer in BPA's Telecommunication Systems Branch. In
17 January 1995, I joined BPA's Control Center Software Design group in BPA's System
18 Operations Branch, where I supported Transmission Commercial Business Systems.
19 Beginning in February 2003, I worked in Telecommunication Systems Maintenance, until
20 returning to the Control Center Software Design group in October 2003. In January
21 2004, I worked with a team developing a master plan for BPA's Transmission Business
22 Commercial Systems. In May 2004, I was temporarily assigned to the Transmission
23 Reservation Desk in BPA's Transmission Marketing and Sales organization. In February
24 2005, I began working for the Commercial Application Support group in BPA's
25 Information Technology organization. In March 2006, I moved to the Database Design
26 Group in BPA's Information Technology organization, where I continued to support

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

Transmission Commercial Business Systems. Beginning in September 2007, I joined the Transmission Policy and Strategy group, supporting Revenue Forecasting, including developing the Transmission Rate Study model, and supporting analysis of Ancillary Services such as Wind Integration and Balancing Area Reserves requirements.

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

A. I have not served as a witness in previous proceedings.

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 Power Services.

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, WP-02, SN CRAC 2003, and WP-07 rate
24 proceedings, as well as the Tiered Rate Methodology proceeding, as a witness on the
25 Loads and Resources panel.

26

This page intentionally left blank.

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 Power Services (PS).

9 *Q. Please state your educational background.*

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

12 *Q. Please summarize your professional experience.*

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

16 In December 1996, I began work in the Federal Hydro Projects group for Power.
17 In my current position I assist in developing methodologies to cost Reserve Ancillary
18 Services and support PS in Reserve and Ancillary Service issues. I also direct and
19 manage projects that the U.S. Army Corps of Engineers and the Bureau of Reclamation
20 implement at dams in our service area. The projects are primarily focused on improving
21 the hydroelectric equipment and its efficiency. In addition to these duties I serve on
22 several 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 to establish how operations can be
25 optimized and cost savings can be realized while unbundling electric industry services.

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, and an understanding of the design and
4 operation of the generating equipment.

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

6 A. I have served as a witness in all wholesale power and transmission rate proceedings
7 starting in 2001. My testimony covered reactive, regulation reserves, and generation
8 dropping charges.

9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

1 QUALIFICATION STATEMENT OF

2 TERRIN L. PEARSON

3 Witness for the Bonneville Power Administration

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

5 A. My name is Terrin L. Pearson. I am a contractor for Bonneville Power Administration
6 (BPA), 7500 41st Street, Suite 130, Vancouver, Washington.

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

8 A. I am a contractor for BPA's Policy Development and Analysis group in Transmission
9 Services. I work primarily on FERC relations, conditional firm, and rates.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Physics from the University of Washington in
12 1971. My fields of concentration were quantum physics and mathematics. I am a
13 member of Phi Beta Kappa.

14 *Q. Please summarize your professional experience.*

15 A. In June of 1970, I began work at BPA in the Engineering Pool. In April of 1972, I
16 completed the variety of assignments required in the pool and was placed in the Division
17 of Power Supply. My first assignment was in the Hydrometeorology Section, where I
18 completed work on a streamflow forecasting computer model. While there, I also
19 calculated Variable Energy Content Curves and Flood Control Elevations, and
20 coordinated operations with the Reservoir Control Center at the U.S. Army Corps of
21 Engineers. In November 1980, I began working in the Operations Planning Branch,
22 where I was on the negotiating team for the Northwest Power Act power sales contracts,
23 represented BPA at the Centralia Owners' Meeting and the Trojan Fuels Subcommittee,
24 and monitored compliance under the Computed Demand Contracts and the Service and
25 Exchange Agreements. I moved to the Power Scheduling Branch in July 1982. My
26 principal duties in that group were to deal with the Pacific Northwest Coordination
27 Agreement operational transactions and Hourly Coordination transactions. In addition, I

1 provided scheduling procedures for contracts being negotiated. In March 1992, I moved
2 to the Contracts Branch, where I monitored studies of expected surpluses and deficits and
3 recommended economic actions to mitigate such surpluses and deficits. I was also Power
4 Supply's representative to BPA's direct-service industrial customers. In April 1994, I
5 moved to the Resource Optimization Branch as a technical team lead for the groups that
6 handle the AOP and the DOP under the Canadian Treaty, the Pacific Northwest
7 Coordination Agreement firm planning and operational scheduling, and the 30-day and
8 90-day planning. I was selected for a detail to head the BPA Trading Floor in March of
9 1996. When the detail ended in September 1996, I went to the Mid-Term Planning
10 Group, where I analyzed and recommended mitigation for surpluses and deficits
11 associated with the Federal System generation. In June 1998, I transferred to Generation
12 Scheduling to manage the training of new scheduler trainees and to negotiate and
13 implement the new Slice product introduced by BPA. I moved to the Transmission
14 Business Line (now Transmission Services) in 2003 and worked on the Conditional Firm
15 Product, the Commercial Redispatch and Generation Reactive Self-Supply developments,
16 and development of FERC relationships. I retired from BPA in March 2007 and returned
17 to BPA as a contractor.

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

19 *A. I was a witness in the following BPA rate proceedings covering the topics identified: the*
20 *Slice Rate in the WP-02 Power rate proceeding, and the Reactive Supply and Voltage*
21 *Control From Generation Sources Service in the WP-07 Supplemental rate proceeding.*

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 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 Policy Analysis group of Power Services.

9 *Q. Please state your educational background.*

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

14 *Q. Please summarize your professional experience.*

15 A. In August 1995, I began work as a contract economist in the BPA Lower Columbia Area
16 Office (now the Western Hub), supporting the Account Executives and their customers.
17 My tasks included pricing; costing; revenue forecasting; load forecasting; risk
18 management; and contract, billing, and scheduling issues.

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

25 In 2000, I transferred from the Power Products, Pricing and Rate Development
26 group to the Pricing and Transaction Analysis group of the Bulk Hub. In 2001, I became

1 a full-time BPA employee. My responsibilities included serving as acting manager of the
2 Pricing and Transaction Analysis group and as the team leads of long-term price
3 forecasting and augmentation.

4 Since October 2006, I have served as industry economist in the Power Policy
5 Analysis group. My main function is as team lead for long-term price forecasting. My
6 focus includes price forecasting, which is used in BPA's secondary revenue forecasts and
7 biological opinion analyses.

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

9 *A. I have been a witness in the following rate proceedings: WP-02 (all filings), SN CRAC
10 (SN-03), WP-07 and WP-07 Supplemental.*

11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

1 QUALIFICATION STATEMENT OF

2 TIMOTHY C. ROBERTS

3 Witness for the Bonneville Power Administration

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

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

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

8 A. I am the manger of the Slice Operations and Management group in the Generation Asset
9 Management organization within Power Services.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Electronics Engineering from DeVry Institute of
12 Technology in 1978.

13 *Q. Please summarize your professional experience.*

14 A. In 1978, I started my career as a research engineer for Dresser Atlas. From 1984 through
15 1990, I operated my own company providing SCADA and process control engineering
16 services to public and private companies in Alaska. From 1990 thorough 1998, I was
17 employed as the Director of Information Systems for Alaska Commercial Company.
18 From April 2001 through May 2004, I worked at BPA as an independent contractor in
19 implementing the Block/Slice Power Sales Agreement and developing the Slice
20 Computing Application.

21 In May of 2004, I was hired into BPA's Power Business Line Information
22 Technology organization as the Slice IT Project Manager and Business Analyst for the
23 Slice product. Since my hire at BPA, I have worked on Slice product issues. In
24 May 2007, I was selected as the manager of the Slice Operations and Management group.

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

26 A. I served as a witness on Slice issues in the TRM-12 rate proceeding.

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 AARON M. RODEHORST

3 Witness for the Bonneville Power Administration

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

5 A. My name is Aaron M. Rodehorst. 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 an Industry Economist in Power Services' Power Policy Analysis group.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science in Business Administration from Kansas State
11 University in 2002 and a Master of Environmental Management from Duke University
12 in 2007. My graduate field of study was environmental economics and policy.

13 *Q. Please summarize your professional experience.*

14 A. In April 2008, I began working for BPA as an industry economist. My primary
15 responsibility is to maintain and operate AURORA^{xmp}®, an electric energy market
16 model. I am responsible for the electric energy market price forecasts used in the
17 WP-10 Power rate case.

18 From May 2006 to August 2007, I worked as a policy analyst for the North
19 Carolina Sustainable Energy Association. As a policy analyst, I was responsible for
20 preparing regulatory filings, completing qualitative and quantitative analyses that arose
21 in the energy policy context, and drafting legislative proposals. My work focused
22 primarily on integrated resource planning and renewable portfolio standards.

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

24 A. I have not served as a witness in previous proceedings.
25
26

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF
2 ROBERT A. (JOE) ROGERS

3 Witness for the Bonneville Power Administration

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

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

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

8 A. I serve as the Manager, Transfer Services, within the Northwest Requirements Marketing
9 group in Power Services.

10 Q. *Please state your educational background.*

11 A. I graduated from the University of Oregon in 1976 with a Bachelor of Science degree in
12 Finance.

13 Q. *Please summarize your professional experience.*

14 A. I have been employed at BPA since September 1977. Between 1977 and 1982, I worked
15 in BPA's power billing and load forecasting departments. From 1983 through 1994, I
16 worked in BPA's Lower Columbia and Snake River Area offices, where I was principally
17 responsible for implementing power sales and wheeling agreements, including
18 negotiating Federal power deliveries over third-party systems. During 1995 and 1996, I
19 was the manager of BPA's transmission contracts workgroup. Subsequent to that, I was a
20 Transmission Account Executive until late 2002, when I joined the Industry
21 Restructuring department in a staff position. In early 2007, I transferred into my current
22 position in Northwest Requirements Marketing.

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

24 A. In the 1996 Power rate proceeding, I was a witness on the Customer Service Policy
25 panel. This panel sponsored testimony regarding proposed changes to BPA's Customer
26 Service policy.

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 MICHAEL A. ROSE

3 Witness for the Bonneville Power Administration

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

5 A. My name is Michael A. Rose. 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 Supervisor of BPA's Contract Administration group in Energy Efficiency.

9 *Q. Please state your educational background.*

10 A. I received a B.S. degree in Business Administration from Portland State University in June
11 1987. My areas of concentration were marketing and economics.

12 *Q. Please summarize your professional experience.*

13 A. In August 1987, I joined BPA, working in the Office of Financial Management. In August
14 1988, I joined BPA's Office of Energy Resources, serving as Assistant Manager for the
15 Energy Savings Plan, as well as serving as Program Manager for the Electric Ideas program.
16 In 1990, I accepted a one-year temporary assignment to the DOE Support Office in Dallas
17 Texas. There, I researched and wrote reports on energy efficiency opportunities with
18 Federal agencies, integrated resource planning, and cogeneration in industrial facilities, and
19 I developed a targeting strategy for the Energy Saving Plan. In 1991, I returned to BPA,
20 accepting a position as Lead Evaluator/Negotiator for industrial sector proposals as part of
21 the Competitive Acquisition Program. In time I also assumed full program management
22 responsibilities for the Energy Savings Plan. In 1995, BPA changed its approach to energy
23 efficiency and I assumed the position of Energy Efficiency Representative working with
24 Federal agencies, specifically the General Services Administration, Pacific Rim Region.
25 Beginning in 2000, I assisted with development of the Conservation Augmentation
26 (ConAug) program, initially serving as a lead evaluator/negotiator and eventually serving as

1 lead for all ConAug utility-related activities. In the summer of 2006, I served as Energy
2 Efficiency's Acting Supervisor for Contract Administration, and in December 2006, I was
3 selected into my current position.

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

5 *A. I have not served as a witness in previous proceedings.*

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

1 QUALIFICATION STATEMENT OF

2 GLENN A. RUSSELL

3 Witness for the Bonneville Power Administration

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

5 A. My name is Glenn A. Russell. I am employed by the Bonneville Power Administration
6 (BPA), 7500 NE 41st Street, Suite 130, Vancouver, Washington.

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

8 A. I am an electrical engineer in the Customer Service Engineering section in Transmission
9 Services. I work primarily on generation integration, customer service engineering issues,
10 and transmission rates.

11 *Q. Please state your educational background.*

12 A. I graduated from Gonzaga University in 1991 with a B.S. in Electrical Engineering.

13 *Q. Please summarize your professional experience.*

14 A. I have worked for BPA on a full-time basis since March 1992. From that time until
15 September 1994, I worked as an Electrical Engineer on the Advanced Planning Staff,
16 Division of System Planning, Office of Engineering. During this time I also participated in
17 training details in System Maintenance and System Operations. My primary responsibilities
18 in Advanced Planning were to provide transmission planning and related economic analysis.
19 This included conducting studies to determine long-range transmission requirements for
20 BPA and the interconnected system, as well as participating in studies and providing data to
21 develop BPA's transmission rates, contracts, and policy. Specific assignments included
22 segmentation and wheeling loss assessment.

23 In September 1994, I was assigned to Strategic Planning and in 1996 reassigned to
24 Business Strategy and Assessment. My primary assignments were in the areas of
25 transmission rates, reactive power issues, and engineering economic analyses. In December

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

2006 I began a training detail to Customer Service Engineering, and was assigned to that group in December 2007.

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

A. I served on the panel that sponsored Ancillary Services in the WP-02 Power rate proceeding.

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 Residential Exchange Program group in Power Services.

9 *Q. Please state your educational background.*

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

12 *Q. Please summarize your professional experience.*

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

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

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

1 In October 2003 I transferred to Enterprise Risk Management under the Chief
2 Risk Officer. My major duties included providing staff support to the Enterprise Risk
3 Management Committee, performing analysis on Agency strategic risks, and developing
4 tools for analyzing global financial risk to the Agency.

5 In July of 2007, I joined the team tasked with developing a new ASC
6 Methodology to replace the 1984 ASC Methodology. My duties included analyzing
7 technical issues on the new ASC Methodology, preparing and delivering presentations on
8 major issues to BPA management and stakeholder groups during the ASC Methodology
9 consultation process, assisting in developing the final ASC Methodology that was sent to
10 FERC for approval, and assisting in writing the associated Record of Decision.

11 In October of 2008, I was detailed to the Residential Exchange Program group.
12 My chief duties include developing and maintaining the model BPA uses to determine
13 Rate Period ASCs and to forecast ASCs for BPA rate cases. I also work with ASC
14 Review analysts to resolve technical issues surrounding the review of the ASC submittals
15 from the participating utilities to BPA and assisting the ASC Review analysts in the ASC
16 determinations.

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

18 *A.* I was a witness for the forecast of the costs of the Residential Exchange Program (REP)
19 in previous BPA rate proceedings, most recently in the 1993 wholesale power rate
20 proceeding. I was a witness in the Safety Net Cost Recovery Adjustment Clause rate
21 proceeding, sponsoring testimony and analysis for the Accrual-to-Cash adjustments used
22 by ToolKit to convert net revenues into cash. More recently, I was a witness in the
23 WP-07 and WP-07 Supplemental Power rate proceedings, sponsoring testimony on the
24 Non-Operating Risk Model (NORM). I also was a witness on the panel that sponsored
25 the FY 2009 ASC forecasts in the WP-07 Supplemental Power rate proceeding.
26

1 QUALIFICATION STATEMENT OF

2 JULIA M. SHAUGHNESSY

3 Witness for the Bonneville Power Administration

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

5 A. My name is Julia M. Shaughnessy. 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 an Average System Cost (ASC) Analyst for the Residential Exchange Program (REP).

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science degree in Civil Engineering from the University of Portland
11 in May 1996. In August 2007, I attended a regulatory studies program at Michigan State
12 University, known in the industry as Camp NARUC (National Association of Regulatory
13 Utility Commissioners), and presented by the Institute of Public Utilities Policy Research
14 and Education.

15 *Q. Please summarize your professional experience.*

16 A. In July 1996, I began work as a forensic engineer with Pacific Testing Laboratories,
17 specializing in civil/structural failures and engineering analysis.

18 . In July 1998, I began work in BPA's Transmission Services Structural Design
19 group as a contractor, and in April 2001 I was hired into Federal service. I worked as a
20 design engineer for the conductor and structural design groups, including seismic
21 mitigation.

22 In July 2005, I transferred into the Rate Design and Implementation group as a
23 Public Utilities Specialist. I was the logistics coordinator and assistant process manager
24 for the WP-07 and WP-07 Supplemental rate cases. I was also a member of the Average
25 System Cost Methodology (ASCM) team for the consultation proceedings for the 2008
26 ASCM and lead/co-lead analyst for certain investor-owned and consumer-owned utilities

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

for the expedited review process. In addition, I participated in the review, evaluation, and updates to the ASC Appendix 1 application for ASC Lookback calculations (\$/MWh) as presented in the WP-07 Supplemental rate case.

In October 2008, I was hired as an Average System Cost analyst for the Residential Exchange Program.

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

A. I was a witness in the WP-07 Supplemental Power rate proceeding for the determination of Lookback ASCs.

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 Risk Analyst in the Power Policy Analysis group of Power Services.

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 an M.S. degree in Civil Engineering from the same institution in 1976.

12 *Q. Please summarize your professional experience.*

13 A. I began my employment at BPA in 1978 working in the Division of Transmission
14 Engineering. My primary assignment was the continued development and maintenance
15 of the BPA computer model used to design transmission towers.

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

20 In 1998, I moved to the Power Services Risk Management group and participated
21 in the development of the new RiskMod model to be used in the WP-02 rate case.

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

23 A. I served as a witness on the Risk Analysis panel in the WP-02 (all filings) and WP-07 and
24 WP-07 Supplemental) Power rate proceedings. I sponsored testimony in BPA's WP-02,
25 WP-07, and WP-07 Supplemental Power rate proceedings in support of the Risk Analysis
26 Study. In addition, I sponsored testimony in BPA's WP-07 Supplemental Power rate

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

proceeding in support of the Risk Mitigation Study and the Revenue Forecast section of
the Wholesale Power Rate Development Study.

1 QUALIFICATION STATEMENT OF

2 JOSHUA P. WARNER

3 Witness for the Bonneville Power Administration

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

5 A. My name is Joshua P. Warner. 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 Policy Development Specialist in the Planning and Evaluation group for Energy
9 Efficiency.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Global Studies from the University of Iowa in 1994
12 and a Master of Planning degree from the Humphrey Institute of Public Affairs at the
13 University of Minnesota in 1999.

14 *Q. Please summarize your professional experience.*

15 A. In October of 1999, I began work at Clark County, Washington as a Planner in the
16 Community Development Department. I approved land use permits, conducted
17 environmental review, and conducted regulatory processes and policy development with
18 local, state, and Federal regulatory agencies.

19 In October of 2005, I was hired by Portland Energy Conservation Inc. (PECI),
20 where I managed and implemented utility commercial energy efficiency programs.

21 In June of 2007, I joined BPA's Energy Efficiency section. At BPA, I have been
22 working primarily on energy efficiency issues related to the Regional Dialogue process
23 and the Conservation Adjustment to the High Water Mark (HWM).

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

25 A. In 2008, I was a witness in the Tiered Rate Methodology rate proceeding (TRM-12).

This page intentionally left blank.

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 in Power Services.

9 *Q. Please state your educational background.*

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

12 *Q. Please summarize your professional experience.*

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

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

19 During the 1983 and 1985 filings, I was responsible for the completion of the
20 Revenue Forecast Study and Risk Analysis. During the 1987 rate filing, I was
21 responsible for the Revenue Forecast Study, the Risk Analysis, and the Marginal Cost
22 Analysis. I was responsible for documenting why BPA did not need to increase rates in
23 1989.

24 From 1991 through 1993, I supervised the Surplus Sales and Analysis Section and
25 promoted extra-regional seasonal exchanges. During fiscal year 1994, I worked in the
26 Lower Columbia Area Office developing a system to measure the levelized cost of

1 conservation accomplishments and led the negotiation for a third-party financing
2 conservation contract.

3 During the 1995 rate filing, I was responsible for developing, sponsoring, and
4 documenting the Revenue Forecast Study. I also was responsible for the preparation of
5 Statements A and B that accompanied the rate filing. During the 1996 rate filing, I was
6 responsible for preparing and sponsoring those portions of the Wholesale Power Rate
7 Development Study and associated documentation dealing with the revenue forecast;
8 documenting the availability charge and the demand reservation charge; and preparing
9 Statements A and B. During the 2002 rate filing, I was responsible for preparing and
10 sponsoring those portions of the Wholesale Power Rate Design Study (WPRDS) and
11 associated documentation dealing with the revenue forecast, and preparing Statements A
12 and B. During the SN-03 Safety Net Cost Recovery Adjustment Clause (SN CRAC) rate
13 filing, I was responsible for preparing and sponsoring those portions of the SN CRAC
14 Adjustment Clause Proposal dealing with revenues. During the WP-07 rate filing, I was
15 responsible for preparing and sponsoring those portions of the WPRDS and associated
16 documentation dealing with the revenue forecast; preparing Statements A and B; and
17 compiling the WPRDS and WPRDS documentation.

18 During the WP-07 Supplemental rate filing, I was responsible for preparing and
19 sponsoring those portions of the WPRDS and associated documentation dealing with the
20 revenue forecast, and preparing Statements A and B.

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

22 *A. In BPA's 1982 Wholesale Power and Transmission rate proceeding, I filed written*
23 *testimony sponsoring the Revenue Forecast, and I filed NEPA testimony concerning the*
24 *Transmission rate increase. In 1983, I filed written testimony sponsoring the Revenue*
25 *Forecast Study and the Nonfirm Revenue Analysis Program (NFRAP), and I filed*
26 *testimony dealing with the 1939 water adjustment for risk and a lost revenue rate for the*

1 Pacific Southwest Intertie transaction. In 1985, I filed written testimony sponsoring the
2 Revenue Forecast Study, the NFRAP, and the Risk Analysis. I appeared as a witness in
3 the Variable Industrial (VI-86) rate proceeding, sponsoring the Revenue Forecasts. In
4 1987, I filed written testimony sponsoring the Revenue Forecast Study, the NFRAP, the
5 Risk Analysis, and the Marginal Cost Analysis. In the 1995 rate proceeding, I appeared
6 as a witness sponsoring the Revenue Forecast Study and the NFRAP. In the 1996 rate
7 proceeding, I appeared as a witness sponsoring the Revenue Forecast, the NFRAP, the
8 Availability Charge, and the Demand Reservation Charge. In the WP-02 and the SN-03
9 rate proceedings, I appeared as a witness sponsoring the Revenue Forecast. In the WP-07
10 and WP-07 Supplemental rate proceedings, I appeared as a witness sponsoring the
11 Revenue Forecast.

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 JOHN D. WELLSCHLAGER

3 Witness for the Bonneville Power Administration

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

5 A. My name is John D. Wellschlager. 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, Bulk Power Marketing, for Power Services. One of my
9 responsibilities is to manage the generation inputs Memorandum of Agreement (MOA) for
10 Power Services. This agreement is for services provided to Transmission Services from the
11 FCRPS necessary for the operation of the BPA Balancing Authority.

12 *Q. Please state your educational background.*

13 A. I received a Bachelor of Science degree in Mechanical Engineering from Portland State
14 University in 1987. I also received a Bachelor of Science degree in Sociology from the
15 University of Oregon in 1985. In July of 1989, I successfully passed the Engineering in
16 Training examination and received certification from the Oregon Board of Engineering
17 Examiners.

18 *Q. Please summarize your professional experience.*

19 A. In March 1992, I began work at BPA as a Supervisory Facilities Specialist; I managed
20 maintenance for the headquarters complex. In January 1996, I began working in the Power
21 Business Line (now Power Services) West Hub. I served as the Senior Contract Specialist
22 for Seattle City Light, Tacoma, Snohomish PUD, and EWEB. In July of 2000, I took a
23 position as a Project Representative in BPA's Federal Hydro Group, working directly with
24 Bureau of Reclamation (BOR) and U.S. Army Corps of Engineers (COE) hydroelectric
25 projects in the FCRPS on operation and maintenance and capital replacement projects
26 associated with generation. In January of 2003, I accepted a position as Manager of

1 Operations Planning. In this capacity I oversaw the modeling of generation and electrical
2 loads associated with the FCRPS. I also represented BPA on the Technical Management
3 Team, an inter-agency technical group responsible for making recommendations on FCRPS
4 dam and reservoir operations. In June 2006, I accepted a position as an Agency Asset
5 Strategist. In this capacity I helped start BPA's first agency asset management program. In
6 April 2008, I began my current job as an Account Executive in Bulk Power Marketing.

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

8 *A.* I have not served as a witness in a BPA rate proceeding. I have, however, provided
9 Declarations in several court cases. The first was on the short-term emergency operations
10 of the FCRPS in the November 2005 National Wildlife Federation vs NOAA, COE and
11 BOR court case. The second was in March 2006 on the operational relationship of the
12 Upper Snake River projects to that of the Lower River Projects of the FCRPS in the
13 American Rivers vs. NOAA and US BOR case.

1 QUALIFICATIONS STATEMENT OF

2 SCOTT W. WINNER

3 Witness for Bonneville Power Administration

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

5 A. My name is Scott W. Winner. 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 currently work in Technical Support for Generation Scheduling, Power Services.

9 *Q. Please state your educational background.*

10 A. I received a Bachelor of Science in General Chemistry from Portland State University in
11 1999. I received a Masters of Science in Bio-Organic Chemistry from Portland State
12 University in 2000. I completed a two-year post-doctoral appointment in Inorganic
13 Fluorine Chemistry in 2002 from Portland State University.

14 *Q. Please summarize your professional experience.*

15 A. Prior to working at BPA, I worked as a professor of chemistry at Portland State
16 University and managed an independent products testing laboratory. I was hired by
17 BPA in July 2006 as a Duty Scheduler Trainee, where I learned how to move water
18 through the FCRPS and set generation levels to match load. I completed my training
19 and became a certified Duty Scheduler in November 2007. I moved into my current
20 position in February 2008. Generation Redispatch is one of my major responsibilities,
21 where I track events, prepare reports, and provide training.

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

23 A. I have not served as a witness in previous proceedings.

24
25
26

This page intentionally left blank.

1 QUALIFICATION STATEMENT OF

2 ROBERT E. YOUNG

3 Witness for the Bonneville Power Administration

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

5 A. My name is Robert E. Young. I am a contractor for the Bonneville Power Administration
6 (BPA), 905 NE 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed for Bonneville Power Administration?*

8 A. I am a consultant to BPA on the Residential Exchange Program (REP). I assisted BPA
9 with the development of the 2008 Average System Cost Methodology. I currently assist
10 BPA with review of ASC filings and development of REP policies and procedures.

11 *Q. Please state your educational background.*

12 A. I earned a Bachelor of Arts degree in Economics from Southern Illinois University at
13 Carbondale (SIU) in 1975. I earned a Master of Science degree from SIU in 1976.

14 *Q. Please summarize your professional experience.*

15 A. I was a rate analyst for Kansas City Power and Light from 1976 through 1979. From
16 1979 through 1982, I was a rate analyst at Portland General Electric (PGE). While at
17 PGE part of my responsibilities included work on BPA rate cases, primarily on
18 repayment study issues and modeling. From 1983 through 1987, I was employed as
19 Manager of Rates and Technical Issues for Direct Service Industries, Inc. I appeared as a
20 witness in the 1985 BPA rate case as a part of the Joint Customer panel. From 1987
21 through 1992, I was employed as a manager in the consulting division of Touche Ross
22 (which became Deloitte & Touche in 1990). While at Touche Ross, I managed the team
23 of consultants that worked at BPA on the REP. In 1992, I founded the company that was
24 to become Economists.com. Economists.com has performed many consulting
25 engagements for Pacific Northwest public and private utilities, BPA, and aluminum
26 companies as well as clients in other parts of the world.

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

2 A. I appeared as an expert witness in the 1985 and WP-07 Supplemental BPA rate
3 proceedings. In addition, I have prepared expert testimony and appeared as a witness
4 before the Oregon Public Utility Commission, the Washington Utilities and
5 Transportation Commission, the International Court of Arbitration, the US Commerce
6 Department, and the Guam Public Utilities Commission.

7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

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 Department.

9 *Q. Please state your educational background.*

10 A. I received a B.S. degree in Geography from Oregon State University in June 1968 and a
11 M.S. degree in Geography from Portland State University in March 1973. My areas of
12 concentration were biogeography and human impact on the environment.

13 *Q. Please summarize your professional experience.*

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

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

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

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

24 In 1980, I was the Project Manager for the Allocations Environmental Impact
25 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 May 2000 to January 2002, I was the acting Vice President for Energy
13 Efficiency, providing direction and leadership in the planning, development,
14 implementation, and administration of BPA's energy efficiency programs, processes, and
15 budgets.

16 In 2002, I was promoted permanently as the Energy Efficiency Program
17 Implementation Manager to oversee the Program Marketing, Programs, and Engineering
18 Services groups in the Energy Efficiency Department. In addition to my duties as the
19 Implementation Manager, I manage the \$130 million/year budget for the Energy Efficiency
20 Department and coordinate the annual strategic planning process that establishes the
21 department's annual performance targets.

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

23 *A. I was a witness in the WP-07 Power rate proceedings.*

1 QUALIFICATION STATEMENT OF

2 MICHAEL A. ROSE

3 Witness for the Bonneville Power Administration

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

5 A. My name is Michael A. Rose. 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 Supervisor of BPA's Contract Administration group in Energy Efficiency.

9 *Q. Please state your educational background.*

10 A. I received a B.S. degree in Business Administration from Portland State University in June
11 1987. My areas of concentration were marketing and economics.

12 *Q. Please summarize your professional experience.*

13 A. In August 1987, I joined BPA, working in the Office of Financial Management. In August
14 1988, I joined BPA's Office of Energy Resources, serving as Assistant Manager for the
15 Energy Savings Plan, as well as serving as Program Manager for the Electric Ideas program.
16 In 1990, I accepted a one-year temporary assignment to the DOE Support Office in Dallas
17 Texas. There, I researched and wrote reports on energy efficiency opportunities with
18 Federal agencies, integrated resource planning, and cogeneration in industrial facilities, and
19 I developed a targeting strategy for the Energy Saving Plan. In 1991, I returned to BPA,
20 accepting a position as Lead Evaluator/Negotiator for industrial sector proposals as part of
21 the Competitive Acquisition Program. In time I also assumed full program management
22 responsibilities for the Energy Savings Plan. In 1995, BPA changed its approach to energy
23 efficiency and I assumed the position of Energy Efficiency Representative working with
24 Federal agencies, specifically the General Services Administration, Pacific Rim Region.
25 Beginning in 2000, I assisted with development of the Conservation Augmentation
26 (ConAug) program, initially serving as a lead evaluator/negotiator and eventually serving as

1 lead for all ConAug utility-related activities. In the summer of 2006, I served as Energy
2 Efficiency's Acting Supervisor for Contract Administration, and in December 2006, I was
3 selected into my current position.

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

5 *A. I have not served as a witness in previous proceedings.*

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

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 K. Bermejo. I am employed by the Bonneville Power Administration
6 (BPA), Transmission Services, 7500 NE 41st Street, Suite 130, Vancouver, Washington.

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

8 A. I am the Transmission Rates Lead in the Transmission Policy and Strategy section of the
9 Transmission Marketing and Sales group in BPA's Transmission Services.

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. Additionally, I received a graduate certificate in
13 Applied Energy 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 began working in Market Research & Assessment, where I co-developed
18 an electricity pricing model using multiple regression forecasting techniques and
19 conducted market competitor analysis. In March of 1995, I transferred to Resource
20 Optimization, where I was responsible for operating the 30-day model of the Federal
21 hydro system and supporting staff with various statistical analyses. After graduating
22 from college in June of 1996, I began employment with Bardsley & Neidhardt Marketing
23 Research as a Project Manager, where I initiated, developed, and managed market
24 research projects.

25 In August 2000, I returned to BPA and worked in the Transmission and Reserve
26 Services Group covering many issues related to Ancillary and Reserve Services. I was

1 primarily responsible for the development of Ancillary and Reserve service business
2 strategy, revenue forecasting, and policy analysis within the BPA Control Area. I
3 represented the BPA merchant function at the Northwest Power Pool (NWPP) Reserve
4 Sharing Group and followed industry developments related to Ancillary and Reserve
5 services at the Western Electricity Coordinating Council- and North American Electric
6 Reliability Council-level for potential impacts to the NWPP Reserve Sharing Group,
7 Control Area Operator Business Practices, and the relationship between BPA Power
8 Services and BPA Transmission Services regarding generation inputs.

9 In May 2005, I became the Generation Inputs Study Manager, responsible for
10 coordinating both initial and final proposal study, documentation, and testimony for all
11 inter-business line revenues and expenses for the WP-07 Power rate case. I also served
12 as a witness for the WP-07 Supplemental Power rate case for Reactive Power.

13 Currently, I am serving as the Lead Transmission Rate Case Process Manager and
14 am responsible for overseeing all aspects of the BPA-10 rate case for transmission and
15 ancillary services.

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

17 *A. I was a witness in the WP-07 and WP-07 Supplemental Power rate case.*

18
19
20
21
22
23
24
25
26

This page intentionally left blank.

BONNEVILLE POWER ADMINISTRATION

DOE/BP-3981 • February 2009 • 1C