

## BP-18 Rate Proceeding

### Initial Proposal

# Qualification Statements

BP-18-Q-BPA-01 through BP-18-Q-BPA-44

November 2016





## BP-18 RATE PROCEEDING

### WITNESS QUALIFICATION STATEMENTS

| <b>Witness</b>           | <b>Qualification Statement</b> |
|--------------------------|--------------------------------|
| Stephanie A. Adams       | BP-18-Q-BPA-01                 |
| Steven R. Bellcoff       | BP-18-Q-BPA-02                 |
| Glen S. Booth            | BP-18-Q-BPA-03                 |
| Danny L. Chen            | BP-18-Q-BPA-04                 |
| Sidney L. Conger, Jr.    | BP-18-Q-BPA-05                 |
| Reed C. Davis            | BP-18-Q-BPA-06                 |
| Daniel H. Fisher         | BP-18-Q-BPA-08                 |
| Rebecca E. Fredrickson   | BP-18-Q-BPA-09                 |
| Brian T. Galbraith       | BP-18-Q-BPA-10                 |
| Miranda E. Gestrin       | BP-18-Q-BPA-12                 |
| Eric W. Graessley        | BP-18-Q-BPA-13                 |
| Mitchell R. Green        | BP-18-Q-BPA-14                 |
| Marcus A. Harris         | BP-18-Q-BPA-15                 |
| William W. Hendricks     | BP-18-Q-BPA-16                 |
| Allegra J. Hodges        | BP-18-Q-BPA-17                 |
| Jeffrey S. Hurt          | BP-18-Q-BPA-18                 |
| Allan E. Ingram          | BP-18-Q-BPA-19                 |
| Janice A. Johnson        | BP-18-Q-BPA-20                 |
| Margo L. Kelly           | BP-18-Q-BPA-21                 |
| Alexander Lennox         | BP-18-Q-BPA-22                 |
| Michael R. Linn          | BP-18-Q-BPA-23                 |
| Tyler J. Llewellyn       | BP-18-Q-BPA-24                 |
| Byrne Lovell             | BP-18-Q-BPA-25                 |
| Richard Z. Mandell       | BP-18-Q-BPA-26                 |
| Dennis E. Metcalf        | BP-18-Q-BPA-27                 |
| Anna-Lisa B. Miller      | BP-18-Q-BPA-28                 |
| Leon D. Nguyen           | BP-16-Q-BPA-44                 |
| Derrick Pleger           | BP-18-Q-BPA-30                 |
| Patrick R. Rochelle      | BP-18-Q-BPA-32                 |
| Glenn A. Russell         | BP-18-Q-BPA-33                 |
| Randy B. Russell         | BP-18-Q-BPA-34                 |
| Peter B. Stiffler        | BP-18-Q-BPA-36                 |
| Jason C. Sweet           | BP-18-Q-BPA-37                 |
| Lauren E. Tenney Denison | BP-18-Q-BPA-38                 |
| Emily G. Traetow         | BP-18-Q-BPA-39                 |
| James Vanden Bos         | BP-18-Q-BPA-40                 |
| Annamarie E. Weekley     | BP-18-Q-BPA-41                 |
| Peter T. Williams        | BP-18-Q-BPA-42                 |
| Daniel R. Yokota         | BP-18-Q-BPA-43                 |

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1 QUALIFICATION STATEMENT OF

2 STEPHANIE A. ADAMS

3 Witness for the Bonneville Power Administration

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

6 A. My name is Stephanie A. Adams. I am employed by Bonneville Power Administration  
7 (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

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

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Business Management and Organizational  
12 Leadership from Eastern Oregon University in 2007 and a Post-Baccalaureate of Science  
13 degree in Finance from Portland State University in 2009.

14 *Q. Please summarize your professional experience.*

15 A. I have been employed by BPA as a Financial Analyst since February 2008. I am  
16 responsible for conducting research and analysis on a variety of financial issues related to  
17 spending level development, financial results and performance, process improvement,  
18 revenue requirements, and risk mitigation. I drafted portions of and coordinated  
19 development of the Revenue Requirement Study, documentation, and testimony for the  
20 2014 Transmission and Power rate cases. I also was the lead analyst on the Transmission  
21 Revenue Requirement Study for the BP-16 rate case. Prior to 2013, I was responsible for  
22 coordinating and developing material for the following finance public processes: the  
23 Integrated Program Review (IPR), the Capital Investment Review (CIR), the Quarterly  
24 Business Review (QBR), and Strategic Capital Discussions.

25 Before coming to BPA, I spent two years working for Portland General Electric  
26 Company and, prior to that, two years working for West Linn Paper Company while

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attending school to complete my Bachelor and Post-Baccalaureate degrees. During my tenure at Portland General Electric, I was a Regulatory Legal Assistant, where I focused on contract management, data request/document review, and the development/processing of regulatory filings.

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

A. I was a witness in the BP-14 and BP-16 rate cases on power and transmission revenue requirement issues.

1 QUALIFICATION STATEMENT OF

2 STEVEN R. BELLCOFF

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Public Utilities Specialist in the Long Term Power Planning section of the Power  
10 & Operation Planning group for Power Services.

11 *Q. Please state your educational background.*

12 A. I received an Associate of Applied Science degree in Civil Engineering Technology from  
13 Mt. Hood Community College in Gresham, Oregon in 1991.

14 *Q. Please summarize your professional experience.*

15 A. I have been employed by BPA since 2008 as a Public Utilities Specialist. I am  
16 responsible for the development and implementation of database models that aggregate  
17 estimates of Federal system and regional total retail loads, contract obligations, and  
18 generating resource capabilities for use by BPA for short-range to long-range energy and  
19 capacity planning. I am responsible for compiling this information for BPA's Loads and  
20 Resources Study used for BPA ratemaking; BPA's Pacific Northwest Loads and  
21 Resources Study (the White Book); and other reports, analyses, and data requests for  
22 BPA and other parties in the Pacific Northwest region.

23 Prior to becoming a BPA employee, I was a BPA contractor for 17 years, working  
24 in the Federal Hydro Projects group. In this role, I ran and managed the Performance  
25 Indicator system (data management and analysis of the performance of the Federal hydro  
26 system); I was responsible for data analysis and management within the Asset

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Management Program of benchmarking data (physical, operation, and cost data); and I served as the Technical Lead of the Pacific Northwest Hydro Site Database (existing and proposed hydroelectric projects in the four-state Pacific Northwest) responsible for day-to-day operation, maintenance, and review of data and the database.

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

A. I participated in the BP-14 and BP-16 rate proceedings as a witness on the Loads and Resources panel.

1 QUALIFICATION STATEMENT OF

2 GLEN S. BOOTH

3 Witness for the Bonneville Power Administration

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

6 A. My name is Glen S. Booth. I am employed by the Bonneville Power Administration  
7 (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

9 A. I am a Public Utilities Specialist for the Load Forecasting and Analysis Department in  
10 Customer Support Services.

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science degree in Agricultural Economics from Washington  
13 State University in 1992 and a Master of Arts degree in Agricultural Economics from  
14 Washington State University in 1994.

15 *Q. Please summarize your professional experience.*

16 A. In July of 1999, I began work at Salt River Project (Project) in the Corporate Pricing  
17 Department. I performed annual corporate retail revenue forecasts for budgeting and  
18 planning purposes, enhanced the Corporate Revenue Model System, and developed  
19 class-level billing determinants for utilization in the Project rate cases. In  
20 November 2001, I transferred to the Engineering and Construction Services Department,  
21 where I developed cost metrics and reports for monitoring and forecasting capital  
22 expenditures.

23 In February 2003, I began work at Tucson Electric Power (TEP) in the Economic  
24 Forecasting and Research Department. I developed hourly, daily, and monthly sales and  
25 peak forecasts for the TEP system and the individual customer classes. The forecasts

1 expanded from one to twenty years forward. These forecasts were used in integrated  
2 resource plans, rate case proceedings, and for budget and planning purposes.

3 In May 2005, I began work at PacifiCorp in the Commercial and Trading  
4 Division. I worked in the Load and Revenue Forecasting Department developing load  
5 and revenue forecasts at the hourly, daily, and monthly levels. The forecasts extended  
6 from one day ahead to twenty years forward. These forecasts were used in integrated  
7 resource plans, rate case proceedings, commercial trading activities, and for budget and  
8 planning purposes.

9 In April 2007, I began work at the Bonneville Power Administration in the Load  
10 Forecasting and Analysis Department of Customer Support Services. I develop  
11 customer-level load and peak forecasts utilizing the Agency Load Forecasting system.  
12 These forecasts extend one year to twenty years forward at the monthly level. The  
13 forecasts are used for budget, planning, and Regional Dialogue purposes.

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

15 *A. I served as a witness in the BPA WP-07 Supplemental wholesale power rate case, the*  
16 *BP-12 rate case, the BP-14 rate case, and the BP-16 rate case supporting the ratemaking*  
17 *load forecast. For the 2005 PacifiCorp Integrated Resource Plan process, I participated in*  
18 *the presentation and defense of customer load forecasts before Commission staff from*  
19 *Washington, Idaho, Oregon, Utah, and Wyoming.*

1 QUALIFICATION STATEMENT OF

2 DANNY L. CHEN

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Public Utilities Specialist in the Transmission Policy and Strategy section of the  
10 Transmission Marketing and Sales group in Transmission Services.

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science degree in Materials Science & Engineering from the  
13 University of California, Berkeley, and a Post-Baccalaureate Certificate in Accounting  
14 from Portland State University.

15 *Q. Please summarize your professional experience.*

16 A. In May 2005, I began working for BPA as a student trainee for Transmission Finance,  
17 where I analyzed BPA's capital budget and assisted senior staff in developing the budget  
18 for submittal to the Office of Management and Budget. In January 2006, I converted to  
19 full-time status as a Transmission Financial Analyst working on financial analysis and  
20 business case proposals for the capital program. In October 2006, I transferred to Asset  
21 Workload and Planning and continued to provide analytical support for the capital  
22 program. Since October 2007, I have worked as a Public Utilities Specialist—Revenue  
23 Analyst in the Transmission Policy and Strategy organization of Transmission Marketing  
24 and Sales. My activities include revenue forecasting, revenue risk analysis, and  
25 commercial business analysis for Transmission. As of September 2010, I serve as the  
26 process lead for Transmission Revenue Forecasting.

1 Q. *Please state your experience as a witness in previous proceedings.*  
2 A. I previously served as witness on the topics of transmission revenue forecasts and  
3 revenue risk, and Ancillary & Control Area Services in the TR-10, BP-12, BP-14, and  
4 BP-16 rate proceedings. I also served as a witness in the WP-10, BP-12, and BP-14  
5 Generation Inputs rate cases on topics including operating reserves, station service,  
6 imbalance energy, and generation dropping. I also helped prepare the BP-16 Generation  
7 Inputs rate case, but did not file testimony because the case settled.

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1 QUALIFICATION STATEMENT OF

2 SIDNEY L. CONGER, JR.

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Risk Analyst in the Power Forecasting and Planning group.

10 *Q. Please state your educational background.*

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

15 *Q. Please summarize your professional experience.*

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

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

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

A. In the BP-12 and BP-16 rate cases, I was responsible for the development of BPA’s Risk Analysis models and was a witness on the Power Risk and Market Price panel. In BPA’s WP-10 rate case, I was responsible for the development of BPA’s Risk Analysis models and was a witness on the Risk Analysis and Mitigation panel. In BPA’s 1991, 1993, 1996, 2002 (all cases), and 2007 (including Supplemental) Power rate cases, I was responsible for the development of BPA’s Risk Analysis models and was a witness on the Risk Analysis panels. I sponsored testimony in BPA’s 2002, 2007, and 2007 Supplemental Power rate cases in support of the Risk Mitigation Study. Additionally, I sponsored testimony in BPA’s 2007 Supplemental Power rate case in support of the Market Price Forecast. I sponsored testimony in BPA’s 1996 and 2002 Power rate cases in support of the Revenue Forecast. I sponsored testimony in BPA’s 1996 Power rate case in support of the Marginal Cost Analysis. I also worked on the Revenue Forecast and Risk Analysis Study supporting BPA’s 1989 Power rate case and BPA’s 1991 Variable Industrial Power rate case.

1 QUALIFICATION STATEMENT OF

2 REED C. DAVIS

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Supervisory Public Utilities Specialist in the Customer Services Load Forecasting  
10 and Analysis group in Power Services.

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science degree in Finance from Brigham Young University in  
13 1979.

14 *Q. Please summarize your professional experience.*

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

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

1                    In October 2007, I was hired into my current position at BPA, where I am  
2 responsible for the agency work in analyzing load and forecasting electricity  
3 requirements.

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

5 A. I served as a witness in the Tiered Rate Methodology development proceeding  
6 (TRM-12), the TRM Supplemental proceeding (TRM-12S), and the WP-10 rate  
7 proceeding. For the BP-12, BP-14, and BP-16 rate proceedings, I served as a witness for  
8 the NT service and UD service load forecasts for the Transmission Rate Study and as a  
9 witness on total retail load and power load obligation forecasts for the Power Loads and  
10 Resources Study. I was also a witness in rate proceedings in numerous jurisdictions in  
11 my previous positions, on forecasting and weather normalization matters.

1 QUALIFICATION STATEMENT OF

2 DANIEL H. FISHER

3 Witness for the Bonneville Power Administration

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

6 A. My name is Daniel H. Fisher. I am employed by the Bonneville Power Administration  
7 (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

9 A. I am the manager of BPA's Power Rates Group.

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  
15 Samuel Van Vactor. I worked as an analyst for the energy consulting side of the business  
16 and as a reporter for the Energy Market Report.

17 In September of 2005, I was hired by BPA's Power Rates Group as an Industry  
18 Economist. I assisted with BPA's WP-07 wholesale power rate proposal, with primary  
19 focus on risk policy and the flexible PF program.

20 I was a co-analyst on rate design issues in BPA's WP-10 rate proceeding, with  
21 primary focus on Priority Firm Preference and Industrial Firm Power rate design. In  
22 addition, I was a co-analyst for the embedded cost pricing methodology portion of the  
23 Generation Inputs Study.

24 I was the lead analyst on Tier 1 rate design for the post-FY 2011 contract period,  
25 which is reflected in the Tiered Rate Methodology. I was also the lead analyst in pricing  
26 the Resource Support Services that BPA offers in the post-FY 2011 contract period.

1 I was a policy lead and lead analyst for Generation Inputs in BP-14 and BP-16,  
2 with primary focus on cost allocation. I was also the technical lead on power rate and  
3 product design.

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

5 A. In the BP-16 rate proceeding, I was a witness on Generation Inputs, Tier 1 and Tier 2 rate  
6 design, Resource Support Services, NR Energy Shaping Service, NR Resource Flattening  
7 Service, and Unanticipated Load Service. In the BP-14 rate proceeding, I was a witness  
8 on Generation Inputs, Tier 1 and Tier 2 rate design, Resource Support Services, Slice  
9 True-Up, Unauthorized Increase Charge, and Unanticipated Load Service. I was also a  
10 witness on rate design in (1) BPA's Tiered Rate Methodology proceeding; (2) the BP-12  
11 rate proceeding; (3) the WP-10 rate proceeding, in which I also testified regarding  
12 Generation Inputs; and (4) the WP-07 Supplemental rate proceeding.

1 QUALIFICATION STATEMENT OF

2 REBECCA E. FREDRICKSON

3 Witness for the Bonneville Power Administration

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

6 A. My name is Rebecca E. Fredrickson. I am employed by the Bonneville Power  
7 Administration (BPA), Transmission Services, 7500 NE 41st Street, Suite 130,  
8 Vancouver, Washington.

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

10 A. I am the Transmission Revenues and Rates Manager in the Transmission Policy and  
11 Strategy section of the Transmission Marketing and Sales group in BPA's Transmission  
12 Services.

13 *Q. Please state your educational background.*

14 A. I received a Bachelor of Arts degree in Business Administration with an emphasis in  
15 Accounting from Washington State University in 1989. I received a Master's degree in  
16 Business and Administration from Marylhurst University in 2000.

17 *Q. Please summarize your professional experience.*

18 A. In June 2001, I began working for BPA as a rotational student for Corporate Finance in  
19 Transmission Finance. I supported the development and management of Transmission  
20 Services' approximately \$280 million annual capital budget.

21 In July 2002, I was converted to full-time status as a Transmission Financial  
22 Analyst. As a Financial Analyst I was involved in the development of the capital  
23 standards for Transmission Services and BPA as a whole. I also developed financial  
24 models for analyzing fiber leases and models for analyzing options for infrastructure  
25 financing.

1           In June 2004, I became a Senior Financial Analyst, performing financial analysis  
2 evaluating business cases for Transmission Services' \$300 million capital program.  
3 I also developed financial models that incorporated risk analysis functionality, such as the  
4 @Risk software program and the Australian New Zealand risk model. I was the lead of  
5 the Programs in Review (PIR) processes in 2004 and 2006. In this capacity, I was  
6 responsible for developing Transmission Services' program costs to be evaluated in the  
7 PIR process, developing presentation materials, and facilitating workshops. I was also  
8 responsible for the closeout letter that communicated BPA's determinations on program  
9 levels. The PIR covered all of Transmission Services' expense and capital costs, which  
10 were roughly \$750 million and \$300 million per year, respectively.

11           As a Senior Financial Analyst, I was also responsible for the development of the  
12 process for tracking and calculating credits for Large Generator Interconnection  
13 Agreement (LGIA) customers' advance funding of network upgrades.

14           In December 2007, I transferred to the Transmission Policy and Strategy group as  
15 a Transmission Revenues, Rates, and Analysis Lead. In this position, I led the  
16 development of Transmission Services' revenue forecasts for rate cases and start-of-year  
17 revenue forecasts. In addition, I coordinated and led the financial analysis for BPA's  
18 Network Open Season process. I was also responsible for coordinating and co-leading  
19 the development of Transmission Services' rates analysis.

20           In 2010, I became the Transmission Revenues and Rates manager. In this  
21 position I manage all aspects of Transmission Services' revenue and rates analysis.  
22 I oversee the development of the rate studies, documentation, and testimony supporting  
23 the initial and final rate proposals that lead to the Administrator's Record of Decision.  
24 I also coordinate Transmission Services' revenue and rates discussions internal to BPA  
25 and externally with stakeholders.

1 Q. *Please state your experience as a witness in previous proceedings.*  
2 A. I was a witness in the TR-10 rate proceeding sponsoring testimony on the transmission  
3 revenues and LGIA credits for the Transmission Revenue Requirement Study. In the  
4 BP-12 rate case, I sponsored testimony on the Montana Intertie, revenue forecast, and  
5 partial settlement. I also assisted in the preparation of the transmission revenue  
6 requirement study and the transmission settlement agreement. In the BP-14 rate case,  
7 I co-sponsored testimony for the generation inputs study and sponsored the generation  
8 inputs settlement and policy testimony. I was also a witness on segmentation, cost  
9 allocation, and the Montana Intertie rate for the transmission rate study. I also sponsored  
10 testimony for the OS-14 rate design and policy testimony. In the BP-16 rate case, I  
11 co-sponsored testimony for the generation inputs study and sponsored the generation  
12 inputs settlement and policy testimony. I was also a witness for the segmentation, cost  
13 allocation, rate study, O&M error, and Power and Transmission Policy testimony.

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1 QUALIFICATION STATEMENT OF

2 BRIAN T. GALBRAITH

3 Witness for the Bonneville Power Administration

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

6 A. My name is Brian T. Galbraith. I am employed by the Bonneville Power Administration  
7 (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

9 A. I am a Public Utilities Specialist in the Transfer Services section of the Northwest  
10 Requirements Marketing organization in Power Services.

11 *Q. Please state your educational background.*

12 A. I graduated from the University of Portland in 1994 with a Bachelor of Science in  
13 Criminal Justice and Portland State University in 2008 with a Master of Arts in Public  
14 Administration.

15 *Q. Please summarize your professional experience.*

16 A. I have worked at BPA since November 2007, when I was hired into the Customer  
17 Support Services – Contract Administration organization on a voluntary basis as a  
18 student intern. As a contract administrator, the work I performed included contract  
19 drafting, administration, and analysis for many of BPA's power and transmission sales  
20 contracts, as well as contract types in support of them.

21 In October of 2015, I was hired by the Transfer Services section of the  
22 Northwest Requirements Marketing organization in Power Services. In this position I  
23 administer various transfer-related agreements, primarily counter-party drafted general  
24 transfer agreements and the newer Open Access Transmission Tariff network service  
25 agreements.

26 I did not work in the electric utility industry prior to coming to BPA.

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

2 A. I have no prior experience as a witness in any rate case proceedings.

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1 QUALIFICATION STATEMENT OF

2 MIRANDA E. GESTRIN

3 Witness for the Bonneville Power Administration

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

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

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

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

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Sociology from Willamette University in 2012  
12 and a Master of Business Administration degree in 2013 from Atkinson Graduate School  
13 of Management, Willamette University.

14 *Q. Please summarize your professional experience.*

15 A. I have been employed by BPA as a Financial Analyst since May 2012. I am responsible  
16 for conducting research and analysis on a variety of financial issues related to revenue  
17 requirements, revenue information system data, and implementation of annual  
18 4(h)(10)(C) credits. Prior to starting my current role in 2015, my experience at BPA  
19 included work in Enterprise Risk Management, Asset Management, Energy Efficiency,  
20 Governance and Internal Controls, Debt and Investment Management, and Budget.

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

22 A. I have not previously served as a witness in a rate proceeding.

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1 QUALIFICATION STATEMENT OF

2 ERIC W. GRAESSLEY

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am an Industry Economist in Power Services Planning and Forecasting.

10 *Q. Please state your educational background.*

11 A. I hold a Bachelor of Science degree in Economics from San Jose State University and a  
12 Master of Arts degree in Applied Economics from the University of Michigan.

13 *Q. Please summarize your professional experience.*

14 A. Following graduate school I worked for the Federal Energy Regulatory Commission as  
15 an energy industry analyst for a little over a year. During this period I worked with  
16 teams providing economic and technical analysis for cases involving energy market  
17 design proposals and challenges in PJM, ISO New England, and New York ISO.

18 While at BPA, my primary responsibility has been the maintenance of  
19 AURORAxmp<sup>®</sup> and related risk models. This includes research of energy markets in  
20 the Western Interconnection, proprietary software development, statistical modeling,  
21 database maintenance of all ancillary systems, standard data collection, and management  
22 and verification of output.

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

24 A. I have not previously served as a witness in a BPA proceeding.

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1 QUALIFICATION STATEMENT OF

2 MITCHELL R. GREEN

3 Witness for the Bonneville Power Administration  
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5 *Q. Please state your name, employer, and business address.*

6 A. My name is Mitchell Ray Green. I am employed by the Bonneville Power  
7 Administration (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

9 A. I am an Industry Economist in Power Forecasting and Planning.

10 *Q. Please state your educational background.*

11 A. I hold a B.S. in Economics from Portland State University and an M.A. and Ph.D. in  
12 Economics from the University of Missouri – Kansas City.

13 *Q. Please summarize your professional experience.*

14 A. I joined BPA as an Industry Economist in 2015. Presently I work on issues associated  
15 with long-term resource planning and cost evaluation, revenue forecasting, rates and  
16 finance scenario analysis, and power market fundamentals. Prior to joining BPA,  
17 I taught economics and statistics courses at Franklin & Marshall College. While  
18 completing my Ph.D. I worked for BPA as an intern from July 2013 to May 2014 in  
19 Power Services before leaving to teach at Franklin & Marshall.

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

21 A. I have not previously served as a witness in a BPA rate proceeding.  
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1 QUALIFICATION STATEMENT OF

2 MARCUS A. HARRIS

3 Witness for Bonneville Power Administration

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

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

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

9 A. I am a senior policy advisor in BPA's Finance organization.

10 *Q. Please state your educational background.*

11 A. I earned a Bachelor of Arts degree from Vanguard University of Southern California in  
12 2004. I earned a Master of Arts degree in Business Administration from Willamette  
13 University in 2010. I am in the final stage of my Ph.D. studies in the field of Systems  
14 Science at Portland State University with a research focus on probabilistic graphical  
15 models.

16 *Q. Please summarize your professional experience.*

17 A. In May 2009, I began working for BPA Finance as a Financial Analyst. In this role  
18 I was responsible for producing long-term probabilistic forecasts of BPA's cash flow,  
19 reserves, and liquidity. From October 2011 to October 2013, I managed BPA's Federal  
20 borrowing program, which included issuing Federal bonds to fund BPA's capital  
21 program and developing borrowing plans, amortization plans, and interest expense  
22 forecasts. During this time I also developed BPA's debt and investment strategy. Since  
23 2013, I have been responsible for developing and evaluating BPA's financial policies  
24 and strategies and, in particular, the financial reserves policy.

25 From August 2014 to June 2015, I transferred temporarily to the Enterprise Risk  
26 Management group to lead the Transmission rate case risk analysis, which included

1 evaluating the BP-16 rate period financial uncertainty for various Transmission revenue  
2 and expense items in order to compute the rate period Treasury Payment Probability  
3 (TPP).

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

5 A. I was a witness on Power and Transmission financial risk and reserves-related issues in  
6 BPA's BP-12, BP-14, and BP-16 rate cases. In the BP-12 and BP-14 cases, I was a  
7 witness supporting the Power Market Price and Risk Study. My testimony related  
8 primarily to the adjustments made in order to convert various revenue and expense items  
9 from accruals to cash flow; in the rate case these adjustments are called "accrual-to-cash  
10 adjustments." In the BP-14 case, I was also a witness regarding the use of Transmission  
11 reserves. In the BP-16 case, I was a witness supporting BPA Staff's Power risk  
12 testimony, Transmission risk testimony, and the Transmission risk rebuttal testimony.

1 QUALIFICATION STATEMENT OF

2 WILLIAM HENDRICKS

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Financial Analyst in the Non-Federal Debt and Investments Management group in  
10 Corporate Finance.

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science degree in Economics and Mathematics (minor) from the  
13 University of Wisconsin – Eau Claire in 2009, and a Master of Arts degree in Economics  
14 from the University of Oregon in 2012.

15 *Q. Please summarize your professional experience.*

16 A. I have been employed by BPA as a Financial Analyst since June 2012. I am primarily  
17 responsible for modeling the repayment of Bonneville’s current and projected debt  
18 portfolio. This has involved studies for annual reporting purposes as well as debt  
19 management and access to capital planning. I am the lead analyst on these issues for the  
20 BP-18 rate proceeding.

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

22 A. I was a witness in the BP-16 rate case on power and transmission revenue requirement  
23 issues.

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1 QUALIFICATION STATEMENT OF

2 ALLEGRA J. HODGES

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am an Operations Research Analyst in Power Forecasting and Planning.

10 *Q. Please state your educational background.*

11 A. I hold a B.A. in Psychology from Northwestern University and a Ph.D. in Social  
12 Psychology from the University of Colorado at Boulder, with an emphasis on  
13 quantitative analysis.

14 *Q. Please summarize your professional experience.*

15 A. During my Ph.D. training from 2005 to 2010, I taught graduate-level courses on  
16 quantitative analysis methods, statistics, and model-building for students from all  
17 disciplines. I began working for BPA in 2010 while finishing my Ph.D. Since joining  
18 BPA I have worked across a number of departments to analyze industry trends and  
19 develop models to inform strategic decisions in long-term resource planning. In my  
20 current capacity, I have produced both medium- and long-term renewable resource  
21 forecasts for use within AURORAxmp<sup>®</sup> since 2015. I also lead BPA's strategic effort to  
22 assess the impact of demand-side management and distributed generation on long-term  
23 Power and Transmission needs.

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

25 A. I have not previously served as a witness in a BPA rate proceeding.

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1 QUALIFICATION STATEMENT OF

2 JEFFREY S. HURT

3 Witness for the Bonneville Power Administration

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

6 A. My name is Jeffrey S. Hurt. I am employed by the Bonneville Power Administration  
7 (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

9 A. I am currently an Engineer in the Transfer Services group in Power Services.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Engineering from Oregon State University in  
12 1994.

13 *Q. Please summarize your professional experience.*

14 A. I was hired by the U.S. Army Corps of Engineers (USACE), Portland District,  
15 immediately upon graduating and receiving my B.S. degree. My responsibilities  
16 included structural and mechanical engineering and design, followed by project  
17 management, and finally management. I was hired by the USACE Hydroelectric Design  
18 Center in October 2006. My management experience consisted of being the Chief of the  
19 Product Coordination Branch of the USACE Hydroelectric Design Center.

20 I joined BPA's Transfer Services group in October 2011, where I have been  
21 responsible for Puget Sound Energy, NV Energy, and Tacoma Power transmission  
22 contracts; NERC/WECC standards; and issues related to transfer services, contract and  
23 facility capital investment, contract administration and analysis, and Puget Sound  
24 Energy's formula rate. Puget Sound Energy, NV Energy, and Tacoma Power all have  
25 Open Access Transmission Tariffs. I have experience in both stated and formula  
26 ratemaking and proceedings.

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

2 A. I served as a witness in the BP-16 rate case providing testimony on transfer service  
3 issues.

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1 QUALIFICATION STATEMENT OF

2 ALLAN E. INGRAM

3 Witness for the Bonneville Power Administration

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

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

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

8 A. I am a Mechanical Engineer in the Products, Pricing and Rates group of 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  
15 and a half years as a Product Engineer at Ford Motor Company, Dearborn, Michigan.  
16 I then worked as a private engineering consultant until accepting a position at BPA in  
17 1982. At BPA, I have had assignments in rate analysis and development, conservation  
18 program development, project management, green marketing, renewable policy  
19 development, energy 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, WP-07, and WP-10 rate proceedings on the  
22 Conservation and Renewables Discount and Green Energy Premium panels. I performed  
23 supporting duties for the WI-09 Wind Integration rate case, focusing on the embedded  
24 cost analysis. For BP-16, I conducted analysis that supported testimony on the Resource  
25 Support Services Model and the Tier 2 pricing model.

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1 QUALIFICATION STATEMENT OF

2 JANICE A. JOHNSON

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am an Accountant in the General Accounting group, under Accounting and Reporting in  
10 Corporate Finance.

11 *Q. Please state your educational background.*

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

16 *Q. Please summarize your professional experience.*

17 A. From January 2000 to July 2003, I was employed by PacifiCorp as a revenue accountant  
18 in its forecasting group. My primary responsibility was booking the unbilled revenue  
19 accrual. In addition, I was responsible for monitoring the revenue system and providing  
20 revenue reports to PacifiCorp departments.

21 From July 2003 to July 2007, I held various positions with Philip Morris USA,  
22 where I audited wholesalers in the field. Subsequently, I worked in their compliance  
23 department in support of information technology contracts.

24 In July 2007, I began working as an accountant for BPA. In September 2007, I  
25 was assigned as an accountant on Slice issues in support of the tracking and reporting of  
26 actual costs in the annual Slice True-up calculation.

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

A. I was a witness in BPA’s WP-07 Supplemental rate proceeding and the 2009 Tiered Rate Methodology proceeding, where I provided testimony on issues related to the Slice True-Up and the related Cost Verification Process. I also provided support and testimony for issues related to cost adjustments in the Slice True-Up during BPA’s WP-10, BP-12, BP-14, and BP-16 rate proceedings.

1 QUALIFICATION STATEMENT OF

2 MARGO L. KELLY

3 Witness for the Bonneville Power Administration

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

6 A. My name is Margo L. Kelly. I am employed by CorSource Technology Group, Inc.  
7 (CorSource), 419 SW 11th Avenue, Suite 300, Portland, Oregon. CorSource is a  
8 contractor to the Bonneville Power Administration (BPA).

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

10 A. I am currently assigned as a Risk Analyst in Power Forecasting and Planning.

11 *Q. Please state your educational background.*

12 A. I received a certificate in Data Entry from Western Business College in 1982.

13 *Q. Please summarize your professional experience.*

14 A. I worked as an inventory control clerk for Horizon Air from 1986 to 1989. In 1990, I  
15 began working at BPA through various contracting services. In 1998, I developed an  
16 automated system for gathering data from the Internet and other sources and storing these  
17 data in a local Microsoft Access database. In 2000, I began providing data support for  
18 the BPA Revenue Simulation Model (RevSim). In 2004, I began performing risk  
19 analysis studies in support of monthly financial updates and to determine the economic  
20 impact of alternative hydro operations. With support from senior risk analysts, I  
21 performed the RevSim risk analysis studies in support of BPA's WP-07, WP-07  
22 Supplemental, WP-10, BP-12, BP-14, and BP-16 rate proceedings. I continue to perform  
23 these studies for the BP-18 rate proceeding.

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1 Q. *Please state your experience as a witness in previous proceedings.*  
2 A. I participated as a witness on the risk analysis and marketing panels in BPA's WP-07,  
3 WP-10, BP-12, BP-14, and BP-16 rate proceedings as well as BPA's Tiered Rate  
4 Methodology proceeding.  
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1 QUALIFICATION STATEMENT OF

2 ALEXANDER LENNOX

3 Witness for the Bonneville Power Administration

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

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

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

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

10 *Q. Please state your educational background.*

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

15 *Q. Please summarize your professional experience.*

16 A. I have been employed by BPA as a Financial Analyst since March 2004. I am  
17 responsible for conducting research and analysis on a variety of financial issues related to  
18 revenue requirements and financial strategy and policy. Since coming to BPA, I have  
19 been the study manager for the Revenue Requirement Study. I drafted portions of and  
20 coordinated development of the Revenue Requirement Study, documentation, and  
21 testimony for the 2006, 2008, 2010, and 2012 Transmission rate cases, the 2007 and 2009  
22 Supplemental, the 2010 and 2012 Wholesale Power rate cases, and the joint 2014 and  
23 2016 rate cases. I am the lead analyst on the Power Revenue Requirement Study for the  
24 BP-18 rate case.

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1 Q. *Please state your experience as a witness in previous proceedings.*  
2 A. I have been a witness for Power and Transmission revenue requirement issues in every  
3 general rate case beginning with the WP-07 proceeding.  
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1 QUALIFICATION STATEMENT OF

2 MICHAEL R. LINN

3 Witness for the Bonneville Power Administration

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

6 A. My name is Michael R. Linn. I am employed by the Bonneville Power Administration  
7 (BPA), Transmission Services, 7500 NE 41st Street, Suite 130, Vancouver, Washington.

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

9 A. I am a Public Utilities Specialist—Rates Analyst in the Transmission Policy and  
10 Strategy section of the Transmission Marketing and Sales group in Transmission  
11 Services.

12 *Q. Please state your educational background.*

13 A. I earned a Bachelor of Arts degree in Economics in May 2010 from Washington State  
14 University. I completed a Master of Science degree in Economics in August 2014 from  
15 Portland State University.

16 *Q. Please summarize your professional experience.*

17 A. In November 2011, I was hired as a contractor in the Transmission Policy & Strategy  
18 group, where I supported senior staff in policy development, market research, and data  
19 analysis. I was converted to full-time (term) status as a Public Utilities Specialist—  
20 Revenue Analyst in May 2012. My duties include sales and revenue forecasting,  
21 forecasting transmission credits associated with Large Generator Interconnection  
22 Agreements (LGIA) and the California-Oregon Intertie (COI) upgrade project, analytical  
23 support to transmission policy initiatives, and revenue risk analysis and model  
24 development. In 2014, I also completed a temporary detail in BPA Power Services’  
25 Trading Floor. While on the detail, I traded power in the Day Ahead market. In 2015  
26 and 2016, I worked on BPA’s Southern Intertie Hourly Non-Firm public process. This

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process looked at a variety of proposals meant to address the value of long term firm transmission service on the Southern Intertie. In 2016, I was hired as a Public Utilities Specialist—Rates Analyst. My duties include those previously described as well as transmission rate design and transmission marketing policy work.

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

A. I served as a witness in the BP-14 and BP-16 rate cases for the transmission rate study, transmission sales and revenue forecasting, LGIA and COI transmission credits, and risk analysis issues.

1 QUALIFICATION STATEMENT OF

2 TYLER J. LLEWELLYN

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Public Utilities Specialist in the Long Term Power Planning section of BPA's  
10 Power and Operations Planning group in Power Services.

11 *Q. Please state your educational background.*

12 A. I hold a Bachelor of Science degree in Environmental Science from Western Washington  
13 University (2009) and a Master of Science degree in Environmental Science from  
14 Washington State University (2011).

15 *Q. Please summarize your professional experience.*

16 A. I have been employed by BPA since May 2010. I completed an internship as a Program  
17 Analyst/Student Trainee in BPA's Regional Coordination and Resources and Loads  
18 Analysis sections. In this position I was exposed to database models used in long-term  
19 energy and capacity planning and performed statistical analysis to develop a  
20 methodology to forecast the firm energy capability of wind resources. In July 2011,  
21 I began working in a permanent position in BPA's Resources and Loads Analysis section,  
22 now called Long Term Power Planning. As an Operations Research Analyst and now as  
23 a Public Utilities Specialist, my main responsibilities have been to provide forecasts of  
24 hydropower and wind energy generation in future years for rate cases and long-term  
25 planning, perform resource adequacy studies of the Federal system, and provide estimates  
26 of hydropower energy generation for the 4(h)(10)(C) credit calculation.

1                   From February to June 2013, I held a temporary detail position in BPA's Short  
2                   Term Planning section, where I coordinated short-term operational objectives/constraints  
3                   of the Federal Columbia River Power System (FCRPS), planned outages for unit  
4                   maintenance at the hydro projects, and modeled the operation of the FCRPS from the  
5                   current day through the following few weeks to help define the amount of energy  
6                   sales/purchases necessary to meet the operational objectives.

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

8                   A. I served as a witness in the BP-16 rate proceeding for the Power Loads and Resources  
9                   Study.

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1 QUALIFICATION STATEMENT OF

2 BYRNE LOVELL

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am employed as a Risk Analyst in BPA's Enterprise Risk Management group.

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

11 A. I received a Bachelor of Arts degree in Mathematics from Pomona College in 1974; a  
12 Master of Science degree in Counseling from the University of Oregon in 1980; and a  
13 Ph.D. in Systems Science (concentration: uncertainty) from Portland State University in  
14 1995.

15 *Q. Please summarize your professional experience.*

16 A. In 1984, I began working for BPA through a cooperative student program in the Resource  
17 Planning section of what was to become the Office of Energy Resources. I worked as an  
18 analyst and supervisor to develop and maintain mathematical models and perform  
19 analytical studies (*e.g.*, studies of the demand curve for the Pacific Southwest market for  
20 non-firm energy) for 10 years. In June 1994, I was appointed to a Financial Analyst  
21 position in the Finance group. In that position I was responsible for several aspects of  
22 financial risk management, including serving as the lead for financial risk management  
23 activities in BPA's general rate proceedings. I became responsible for the ToolKit,  
24 BPA's tool for calculating Treasury Payment Probability (TPP). In May 1997, I moved  
25 to a Policy Strategist job in BPA's Strategic Planning group. Along with the strategic

1 planning work, my duties included continued support of BPA's risk analysis efforts,  
2 especially continuing to develop and run the ToolKit. I served as the senior staff analyst  
3 for BPA's probabilistic approach to analyzing fish funding and the non-operating risks in  
4 BPA's 1999 Power rate case. I am the author of most previous versions of the ToolKit  
5 and NORM (the Non-Operating Risk Model). My current duties involve helping  
6 implement and refine BPA's Enterprise Risk Management program in conjunction with  
7 the Enterprise Risk Management Committee, leading and participating in assessments of  
8 Enterprise Risks, and helping strengthen BPA's risk management programs across the  
9 agency. My work continues to include supporting the conceptual framework for BPA's  
10 TPP standard, developing the ToolKit, and running TPP studies for Power and  
11 Transmission rates.

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

13 *A.* I appeared as a witness in BPA's 1995 and 1996 general rate proceedings, co-sponsoring  
14 testimony on Revenue Requirement and Risk Analysis and the Revenue Requirement  
15 Study and supporting documentation. I appeared again as a witness in the WP-02 rate  
16 proceeding for both the original proposal and the supplemental proposal. I also appeared  
17 as a witness in the SN-03 (2003 Safety Net Cost Recovery Adjustment Clause) rate  
18 proceeding. I worked on the risk analysis in the TR-06 and TR-08 rate proceedings.  
19 I was a witness in the WP-07, WP-07 Supplemental, 2008 Tiered Rate Methodology,  
20 WP-10, TR-10, BP-12, BP-14, and BP-16 rate proceedings, testifying on Treasury  
21 Payment Probability (TPP), financial reserves, risk assessment, and risk mitigation  
22 related to transmission, power, and generation inputs issues.  
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1 QUALIFICATION STATEMENT OF

2 RICHARD Z. (ZACH) MANDELL

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am employed as an Operations Research Analyst in BPA's Enterprise Risk  
10 Management group.

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 in the Risk Management field at BPA since 2008. I was first hired  
16 as a contractor at BPA in the Transacting and Credit Risk Management department. In  
17 May 2010, I was hired as a Risk Analyst in the Enterprise Risk Management department.  
18 During my time at BPA, my primary duties have been related to the development of  
19 quantitative and qualitative risk analysis, risk reporting, and root cause analysis. I have  
20 also received professional training on risk analysis and root cause analysis.

21 For the WP-10 rate case, I assisted in the Power Risk Analysis and Mitigation  
22 Study by maintaining portions of NORM (the Non-Operating Risk Model) and  
23 programming additions to the ToolKit, which is BPA's tool for calculating Treasury  
24 Payment Probability.

25 For the BP-12 and BP-14 rate cases, I managed the Power Risk and Market Price  
26 Study, performed qualitative and quantitative risk analysis in NORM and ToolKit, and

1 maintained and upgraded the ToolKit model. For the BP-16 case, I led the development  
2 of the Power Risk Mitigation portion of the Power Risk and Market Price Study.

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

4 A. I was a witness in the WP-10, BP-12, BP-14, and BP-16 Power rate proceedings,  
5 co-sponsoring testimony on the Power Risk and Market Price Study and supporting  
6 documentation.

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1 QUALIFICATION STATEMENT OF

2 DENNIS E. METCALF

3 Witness for the Bonneville Power Administration

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

6 A. My name is Dennis E. Metcalf. I am employed by MBO Partners as a contractor to the  
7 Bonneville Power Administration (BPA), Transmission Services, 7500 NE 41st Street,  
8 Suite 130, Vancouver, Washington.

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

10 A. I work in the Transmission Policy and Strategy group in Transmission Services.  
11 I primarily work on transmission rates and transmission marketing policy.

12 *Q. Please state your educational background.*

13 A. I received a Bachelor of Science degree in Economics from Portland State University in  
14 1973.

15 *Q. Please summarize your professional experience.*

16 A. I was initially employed at BPA as a Federal employee in 1977 in the Division of Rates  
17 as an Industry Economist. For more than 13 years I worked in the Division of Rates and  
18 the Division of Contracts and Rates. During this period, I worked on all aspects of BPA  
19 ratemaking, including retail rate review, transmission rates, cost allocation, non-firm  
20 energy rates, power rate design, and rate case planning. I held several positions,  
21 including Chief of the Rate Design Section, Chief of the Wholesale Rates Branch,  
22 and Deputy Director of the Division of Rates and of the Division of Contracts and Rates.

23 From 1991 to 1994, I was the Lower Columbia Area Power Manager. I managed  
24 BPA's Power Sales business with its customers in western Oregon and southwest  
25 Washington. My management functions included load forecasting, contract negotiation,  
26 and administration.

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

2 From 1995 to 2007, I worked in transmission rates and policy in a number of  
3 managerial and technical positions. During that time I was responsible for the  
4 development of BPA's 1995 and 1996 Transmission Rates and Transmission Terms and  
5 Conditions cases, where BPA first adopted an Open Access Transmission Tariff.  
6 In addition, I was BPA's lead representative on the IndeGo pricing team from 1996 to  
7 1998. I was also a member of BPA's core team to work on the formation of RTO West,  
8 focusing on pricing issues.

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

10 A. I filed written testimony and appeared as a witness in BPA's 1981, 1982, 1983, 1985,  
11 1987, 1995, 1996, 2002, 2004, and 2006 rate cases. In 1984, I testified before the  
12 Federal Energy Regulatory Commission on BPA's 1981 non-firm energy rates. In 1986,  
13 I testified in BPA's Variable Industrial Rate Case.

14 *Q. Please state your experience since retiring from BPA.*

15 A. I retired from BPA in November 2007. I worked as a consultant to investor-owned  
16 utilities (IOUs) in the Northwest in 2008 and 2009, working primarily on BPA rate  
17 issues. I testified for the IOUs in the WP-07S, WP-10, and TR-10 rate cases. I also  
18 served as an expert during the Residential Exchange mediation in the early part of 2010.  
19 In April 2010, I became a contractor for BPA initially through Volt Services Group and  
20 later through MBO Partners, as described above, which is the position I currently hold.  
21 In this position, I filed testimony in the BP-12 rate case on the Montana Intertie and the  
22 Partial Settlement; in BP-14 and BP-16 on Segmentation, Network Cost Allocation, and  
23 the Montana Intertie; and in OS-14 on the Oversupply Charge Rate.

1 QUALIFICATION STATEMENT OF

2 ANNA-LISA MILLER

3 Witness for the Bonneville Power Administration

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

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

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

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

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Mathematics and Computer Science (minor) from  
12 Willamette University in 2005 and a Master of Business Administration degree from  
13 Willamette University in 2011.

14 *Q. Please summarize your professional experience.*

15 A. I have been employed by BPA as a Financial Analyst since October 2010. I am  
16 responsible for conducting research and analysis on a variety of financial issues related to  
17 spending level development, financial results and performance, process improvement,  
18 and revenue requirements. I am an analyst on the Power Revenue Requirement Study for  
19 the BP-18 rate case. I also coordinated the 2016 Integrated Program Review publication.  
20 Prior to 2016, I was responsible for the debt management process including the public  
21 processes and non-Federal bond transactions.

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

23 A. I have not previously served as a witness.

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1 QUALIFICATION STATEMENT OF

2 DERRICK L. PLEGER

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am currently a Public Utilities Specialist in the Transfer Services group.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Economics and Environmental Policy from  
12 Washington State University in 2000.

13 *Q. Please summarize your professional experience.*

14 A. I was hired by PacifiCorp in 2002 as a contractor dealing with after-the-fact accounting.  
15 In 2003, I was hired on full-time at PacifiCorp in Real-time Transmission, where in 2004  
16 I became NERC-certified in Transmission Operations. In 2007, I left PacifiCorp and was  
17 hired on at BPA as a real-time scheduler in BPA's Real Time Loads and Transmission  
18 scheduling desk. After two years in scheduling, I transferred from the Trading Floor into  
19 Bulk Marketing, where I was an analyst for midterm wholesale electricity prices,  
20 contracts, and forward marketing strategy support. In 2015 I moved to Transfer Services,  
21 where I currently manage BPA's contracts for customers within the state of Idaho.

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

23 A. I served as a witness in the BP-16 rate case, providing testimony for market purchases to  
24 serve SE Idaho loads.

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1 QUALIFICATION STATEMENT OF

2 PATRICK R. ROCHELLE

3 Witness for the Bonneville Power Administration

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

6 A. My name is Patrick R. Rochelle. I am employed by the Bonneville Power  
7 Administration (BPA), 7500 NE 41st Street, Suite 130, Vancouver, WA 98662.

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

9 A. I am an Electrical Engineer in Transmission Planning in Transmission Services. I work  
10 primarily on identification of facilities required to support requests for long-term firm  
11 transmission service on the BPA system.

12 *Q. Please state your educational background.*

13 A. I graduated from the University of Wyoming in 1984 with a Bachelor of Science degree  
14 in Electrical Engineering and from Oregon State University in 1991 with a Master of  
15 Science degree in Electrical and Computer Engineering.

16 *Q. Please summarize your professional experience.*

17 A. I worked with Puget Sound Energy from March 1991 through December 2001. During  
18 that time, I worked in various groups performing specialized studies of the 115-kV  
19 transmission network; distribution planning for Whatcom, Skagit, and Island counties;  
20 and plant generation facilities throughout the PSE system.

21 I began working for BPA as an Electrical Engineer in Transmission Planning in  
22 January 2002. My duties have included working on transmission planning studies  
23 involving generation interconnection of multiple gas generation facilities, and allocation  
24 of transmission capacity between BPA and adjoining utilities. Since 2005, I have worked  
25 on BPA's annual Available Transfer Capability (ATC) base cases. (BPA performs  
26 annual ATC base cases to update its transmission capability inventory on its Integrated

1 Network. Updating this inventory on an annual basis is important for determining if BPA  
2 has sufficient ATC to offer long-term firm service to requests for service in its pending  
3 queue.) I have also been involved in the transmission study processes associated with  
4 transmission service requests in the 2008 and 2009 Network Open Seasons.

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

6 *A. I have no previous experience as a witness in any rate proceeding.*

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1 QUALIFICATION STATEMENT OF

2 GLENN A. RUSSELL

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am an Electrical Engineer in the Customer Service Engineering section in Transmission  
10 Services. I work primarily on customer service engineering issues.

11 *Q. Please state your educational background.*

12 A. I graduated from Gonzaga University in 1991 with a Bachelor of Science degree in  
13 Electrical Engineering.

14 *Q. Please summarize your professional experience.*

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

25 In September 1994, I was assigned to Strategic Planning, and in 1996, I was  
26 reassigned to Business Strategy and Assessment. My primary assignments were in the

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areas of transmission rates, reactive power issues, and engineering economic analyses.  
In December 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 have served on panels that sponsored testimony on the following topics: ancillary services in the WP-02 rate case; station service in the BP-12 rate case; synchronous condensing in the WP-10 and BP-12 rate cases; transmission segmentation in the BP-12 and BP-16 rate cases, and transmission rate design in the BP-16 rate case.

1 QUALIFICATION STATEMENT OF

2 RANDY B. RUSSELL

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Public Utilities Specialist in the Residential Exchange Program (REP) group in  
10 Power Services.

11 *Q. Please state your educational background.*

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

14 *Q. Please summarize your professional experience.*

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

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

24 In August 2000, I transferred to the Capital and Risk Management group under  
25 the Chief Financial Officer. My major duties included analyzing agencywide financial  
26 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 analyses on strategic risks, and developing tools for  
4 analyzing global financial risk.

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

11           In October 2008, I was detailed to the Residential Exchange Program group.  
12 My position was made permanent in June 2009. My chief duties include developing and  
13 maintaining the model BPA uses to determine rate period ASCs and forecasting ASCs for  
14 BPA's rate cases. I also work with BPA's ASC review analysts to resolve technical  
15 issues that arise during the review of participating utilities' ASC submittals.

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

17 *A. I was a BPA witness on the panel that sponsored the FY 2009 ASC forecasts in BPA's*  
18 *WP-07 Supplemental rate proceeding. I was a BPA witness regarding the forecast of*  
19 *REP costs in BPA's WP-10, BP-12, BP-14, and BP-16 rate proceedings and in the*  
20 *REP-12 settlement proceeding. In BPA's WP-07 and WP-07 Supplemental rate*  
21 *proceedings, I sponsored testimony on the Non-Operating Risk Model (NORM). I was*  
22 *also a witness in the Safety Net Cost Recovery Adjustment Clause rate proceeding,*  
23 *sponsoring testimony and analysis for the Accrual-to-Cash adjustments used by ToolKit*  
24 *to convert net revenues into cash.*

1 QUALIFICATION STATEMENT OF

2 PETER B. STIFFLER

3 Witness for the Bonneville Power Administration

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

6 A. My name is Peter Benjamin Stiffler. I am employed by the Bonneville Power  
7 Administration (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

9 A. I am an Industry Economist in Power Rates.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in economics from Whitman College in 1999.  
12 I completed a Master's degree in Urban and Regional Planning at Portland State  
13 University in 2003. I earned a Ph.D. in economics from the University of Oregon (UO)  
14 in 2010.

15 *Q. Please summarize your professional experience.*

16 A. Concurrent with my urban planning studies, I was a Planning Assistant for the Portland  
17 Bureau of Planning from September 1999 through June 2000. I started as an  
18 Economist/Technical Writer for Economic Insight, Inc. (EII) in July 2000, serving  
19 occasionally as a guest writer for the Energy Market Report, editor for PacWest Oil Data,  
20 and primary/secondary support for a number of consulting projects in the electricity,  
21 natural gas, and petroleum industries. I left EII in June 2003 to work for PacifiCorp as a  
22 Risk Analyst in Global Risk Management, Portfolio Risk. I moved into Major Projects  
23 and Planning in July 2004, where I remained until June 2005, when I left PacifiCorp to  
24 pursue graduate work at UO. I was a Graduate Teaching Fellow for four years at UO, a  
25 Teaching Assistant from September 2005 through June 2007, a Research Assistant in the  
26 Mikesell Lab of Environmental Economics in summer 2007, and an Instructor in

1 Econometrics, Microeconomics, and Labor Economics from September 2007 through  
2 September 2009.

3 Since coming to BPA in July 2009, I have worked on implementing the Tiered  
4 Rate Methodology (TRM) in the Rate Analysis Model (RAM), streamlining current  
5 modeling approaches, collaborating with study managers on 7(b)(2) discount assumptions  
6 and conservation treatment under the TRM, and developing the TRM Billing  
7 Determinant Model (a subset of the larger RAM). I have also provided analytical and  
8 development support and program design for the Prepayment for Power program, led the  
9 RHWM Process for the BP-14 and BP-16 rate cases, and led the evaluation study for the  
10 NWPP Energy Imbalance Market (SCED) initiative.

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

12 *A.* I was a witness in the Residential Exchange Program Settlement (REP-12) proceeding,  
13 study manager for the REP-12 Settlement Evaluation and Analysis Study, and provided  
14 written testimony evaluating the consistency of the REP Settlement with the provisions of  
15 the Northwest Power Act on a forward-looking basis. I was also a witness and analyst in  
16 support of the Power Rates Study in all of the rate cases under the Regional Dialogue  
17 contracts. In the BP-12 rate proceeding I sponsored testimony in support of BPA's  
18 implementation of the Tiered Rate Methodology and the Section 7(b)(2) Rate Test Study  
19 and associated documentation. I also sponsored testimony in the OS-16 Oversupply rate  
20 case.

1 QUALIFICATION STATEMENT OF

2 JASON C. SWEET

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Supervisory Fish Biologist in the Fish Operations Policy and Planning group in  
10 Bonneville's Generation Supply. I am responsible for coordinating with the U.S. Army  
11 Corps of Engineers, U.S. Bureau of Reclamation, National Marine Fisheries Service,  
12 and U.S. Fish and Wildlife Service to develop plans for operations of the Federal  
13 hydrosystem to cost-effectively meet BPA's responsibilities under the Endangered  
14 Species Act, the Clean Water Act, and the Northwest Power Act. In this capacity  
15 I monitor and analyze scientific, legal, and political developments that may affect  
16 Bonneville Power Administration's fish operations and develop strategies and responses  
17 to manage risks.

18 *Q. Please state your educational background.*

19 A. I have a Bachelor of Science degree in Fisheries Science with a minor in Wildlife  
20 Science from the University of Washington in Seattle.

21 *Q. Please summarize your professional experience.*

22 A. I have been with the BPA for nearly 11 years. For the past 19 months, I have been the  
23 acting supervisor of my current workgroup as described above. Prior to my current  
24 position, I managed BPA's Fish and Wildlife (F&W) Policy and Planning group for two  
25 years. As the manager of that group, my staff of 15 biologists, engineers, and policy  
26 analysts and I were responsible for leading the development and providing biological

1 support and analysis in areas of BPA's fish and wildlife program other than fish passage.  
2 These focal areas included habitat restoration in the lower Columbia River estuary;  
3 habitat restoration in upstream tributary habitats; hatchery operations; predator  
4 management; and the research, monitoring, and evaluation (RM&E) associated with all  
5 of the fish and wildlife program's focal areas.

6 Prior to moving into a management role at BPA in 2012, I worked as BPA's  
7 technical subject matter expert for fish passage, fish transportation, and hydrosystem  
8 operations from 2004 to 2012.

9 Before coming to BPA, I worked with a private consulting firm evaluating fish  
10 passage survival at two Columbia River dams owned and operated by a public utility  
11 district. I also worked as a research technician at the University of Washington  
12 performing fisheries research around the Pacific Northwest and Alaska.

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

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

1 QUALIFICATION STATEMENT OF

2 LAUREN E. TENNEY DENISON

3 Witness for the Bonneville Power Administration

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

6 A. My name is Lauren E. Tenney Denison. I am employed by the Bonneville Power  
7 Administration (BPA), Transmission Services, 7500 NE 41st Street, Suite 130,  
8 Vancouver, Washington.

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

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

12 *Q. Please state your educational background.*

13 A. I graduated from Lewis & Clark College in 2008 with a Bachelor of Arts degree in  
14 Economics.

15 *Q. Please summarize your professional experience.*

16 A. In March 2008, I began working for BPA as a student employee in the Transmission  
17 Billing group, where I issued monthly bills to BPA's transmission customers. In  
18 June 2008, I transferred to the Transmission Policy & Strategy group, where I supported  
19 senior staff in policy development, market research, and data analysis. I was converted to  
20 full-time status as a Public Utilities Specialist in the Transmission Commercial Business  
21 Assessment group in March 2009, where my duties included forecasting of revenues,  
22 support of revenue risk analysis, and analytical support on transmission policy and rate  
23 design. I continue to work in Transmission Commercial Business Assessment focusing  
24 on transmission rate design and transmission marketing policy work.

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

2 A. I was a witness in the BP-12 and BP-14 rate proceedings, testifying on transmission  
3 revenue forecasting issues. In the BP-16 rate proceeding, I was a witness on  
4 segmentation and transmission rate design issues.

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1 QUALIFICATION STATEMENT OF

2 EMILY G. TRAETOW

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a Public Utilities Specialist in the Power Rates group for Power Services.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Economics from Utah State University  
12 in 2003.

13 *Q. Please summarize your professional experience.*

14 A. From July 2003 until July 2005, I worked as an industry economist at the Bureau of  
15 Economic Analysis (BEA), an agency of the U.S. Department of Commerce. While at  
16 BEA, I primarily worked on industry economic accounts, such as Gross Domestic  
17 Product by Industry and Input-Output Accounts.

18 In October 2005, I was hired as an industry economist in BPA's Power Account  
19 Services group. Initially, I worked as an analyst on customer core teams and as a utility  
20 load forecaster. From March 2007 until March 2010, I worked with a team to draft and  
21 implement the post-2011 power sales contracts, known as the Regional Dialogue  
22 contracts. In March 2010, I became the lead economist in PSS and have been working on  
23 the public customer rate impact models and revenue forecasts. In February 2016, I began  
24 working as a Policy Specialist in BPA's Policy Development and Analysis group in  
25 Transmission Services. In August 2016, I started a 120-day detail in Power Rates.

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

2 A. I served as a witness for BPA regarding changes to BPA's Power Rate Schedules and  
3 General Rate Schedule Provisions (GRSPs) in the BP-12 and BP-14 rate proceedings. In  
4 the BP-16 rate proceedings I was a witness regarding the Power Rates Study and the  
5 Loads and Resources Study.

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1 QUALIFICATION STATEMENT OF

2 JAMES H. VANDEN BOS

3 Witness for the Bonneville Power Administration  
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5 *Q. Please state your name, employer, and business address.*

6 A. My name is James Howard Vanden Bos. I am employed by the Bonneville Power  
7 Administration (BPA), 905 NE 11th Avenue, Portland, Oregon.

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

9 A. I am an Economist in Power Forecasting and Planning.

10 *Q. Please state your educational background.*

11 A. I hold a B.A. in Environment, Economics and Politics from Claremont McKenna  
12 College; an M.S. in Economics from Portland State University; and a Graduate  
13 Certificate in Environmental and Resource Economics from Portland State University.

14 *Q. Please summarize your professional experience.*

15 A. In my current capacity, I have produced both medium- and long-term natural gas price  
16 forecasts for BPA, including the current Reference Case natural gas forecast. I keep the  
17 Power Forecasting and Planning group apprised of current market fundamentals and  
18 trends through the review of multiple relevant consulting agencies, including Wood  
19 Mackenzie, PIRA, IHS, Bentek Energy, and the EIA. Additionally, I am involved in the  
20 Resource Program update process to help ensure BPA's long-term efficiency and  
21 competitiveness.

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

23 A. I have not previously served as a witness in a BPA rate proceeding.  
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1 QUALIFICATION STATEMENT OF

2 ANNAMARIE E. WEEKLEY

3 Witness the for Bonneville Power Administration

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

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

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

9 A. I am a Public Utilities Specialist in the Power Services Rates group.

10 *Q. Please state your educational background.*

11 A. In 2004 I graduated with an Associate's Degree in Business Management from Ashworth  
12 College. The following year I graduated with a Bachelor's Degree in Human Resource  
13 Management from American Intercontinental University.

14 *Q. Please summarize your professional experience.*

15 A. In June 2007 I was employed by Ciber to work as a contract employee for BPA as a data  
16 management specialist. While in this position I created and maintained the Facilities  
17 Asset Management database, which required accurate analysis and reporting of data. In  
18 February 2009 I was hired by BPA as a financial analyst in Corporate Finance. In this  
19 role I was responsible for implementing and maintaining internal codes used to track and  
20 report each product purchased or sold by BPA's Power Services. Since July of 2014, I  
21 have been working with the Power Services Rates group.

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

23 A. During the BP-16 rate proceeding I was a witness for Power Services on BPA's Rate  
24 Schedules and General Rate Schedule Provisions, Tier 2, and Resource Support Services.

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1 QUALIFICATION STATEMENT OF

2 PETER T. WILLIAMS

3 Witness for the Bonneville Power Administration

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

A. My name is Peter T. Williams. I am employed by the Bonneville Power Administration (BPA), 905 NE 11th Avenue, Portland, Oregon.

*Q. In what capacity are you employed?*

A. I am an Operations Research Analyst in Power Operations and Planning.

*Q. Please state your educational background.*

A. I hold a B.S. in Economics from the University of Puget Sound and a Ph.D. in Economics from the University of Oregon.

*Q. Please summarize your professional experience.*

A. Prior to graduate school I worked for the Idaho Economic Research Center as a research assistant for a period of one year. After graduate school, I joined BPA in September 2010 and have worked there since. While at BPA, I spent five years as the analyst responsible for the maintenance of AURORAxmp<sup>®</sup> and related risk models. This includes proprietary software development, statistical modeling, and database maintenance of all ancillary systems, along with standard data collection and management and verification of output. Also, I work as needed in conjunction with the Resource Program and on long-term model integration.

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

A. I served as a witness on behalf of BPA in the BP-14 and BP-16 rate proceedings in support of the Market Price and Risk study.

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1 QUALIFICATION STATEMENT OF

2 DANIEL R. YOKOTA

3 Witness for the Bonneville Power Administration  
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5 *Q. Please state your name, employer, and business address.*

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

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

9 A. I am the Manager of the Transfer Services section of the Northwest Requirements  
10 Marketing group in Power Services.

11 *Q. Please state your educational background.*

12 A. I graduated from the University of Portland in 2009 with a Bachelor of Business  
13 Administration – Finance.

14 *Q. Please summarize your professional experience.*

15 A. I have worked for BPA since July 2010, when I was hired into the Customer Billing  
16 section within the Customer Support Services organization. In Customer Billing, my  
17 work included analysis and billing for various complex products and services and  
18 in-depth analysis of products and services under new and existing contracts.

19 In February 2012, I moved to the Transfer Services section of the Northwest  
20 Requirements Marketing group in Power Services, where I administered various  
21 transfer-related agreements, including general transfer agreements and the newer Open  
22 Access Transmission Tariff network service agreements. In December 2014, I was  
23 selected as the Manager of Transfer Services.

24 From March 2003 to July 2010, I worked at PacifiCorp as a Senior Finance/  
25 Accounting Analyst for the Commercial and Trading (Merchant) organization.  
26 I performed contract administration and accounting for wholesale power agreements,

1 including indexed sales, purchased power, load following, resource management,  
2 transmission purchases, derivative contracts, and hedging instruments. I served as an  
3 expert in designated areas by providing advice and direction to others within the  
4 organization and provided support for the front office in contract negotiations with  
5 financial modeling and review of complex spreadsheets.

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

7 *A. I served as a witness in the BP-16 rate case, providing testimony for the GTA Delivery*  
8 *Charge Rate.*

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1 QUALIFICATION STATEMENT OF

2 LEON D. NGUYEN

3 Witness for the Bonneville Power Administration

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

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

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

9 A. I am a financial analyst in the Debt and Investment Management group of Corporate  
10 Finance.

11 *Q. Please state your educational background.*

12 A. I received a Bachelor of Science degree in Finance and minor in Mathematics from  
13 Portland State University in 2001.

14 *Q. Please summarize your professional experience.*

15 A. From 2002 to 2009, I was employed as a Financial Analyst for the BPA Corporate  
16 Budget Planning & Forecasting group. In that capacity, I led the agency forecasting  
17 coordinators, including building, managing, and maintaining all official quarterly  
18 forecasts for all business lines. I used the PeopleSoft EPM Module and coordinated with  
19 Power Services, Transmission Services, and other Corporate analysts to produce the  
20 Quarterly Reviews on Finance Management Committee publication schedules. I also led  
21 the agency-wide effort in utilizing Hyperion Strategic Finance (HSF) software  
22 capabilities to model “what-if” analyses to evaluate the rate impact of long-term capital  
23 spending, financial ratios, financial statements, and so on.

24 Since 2009 I have worked as a Financial Analyst for the Debt and Investment  
25 Management group. I manage Lease Financing advances, draws, forecasting, and  
26 reporting, and participate in all aspects of repayment work, including maintaining both

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Federal and non-Federal debt databases, preparing datasets, completing what-if repayment studies for entire debt portfolio, and briefing management and executives on the analyses.

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

A. I was a witness in the BP-14 and BP-16 rate cases for revenue requirement issues.



