

1 QUALIFICATION STATEMENT OF

2 BYRNE E. LOVELL

3 Witness for the Bonneville Power Administration

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

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

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

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

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

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

14 *Q. Please summarize your professional experience.*

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

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

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

10 A. I appeared as a witness in BPA’s 1995 and 1996 general rate proceedings, where I co-  
11 sponsored direct and rebuttal testimony on Revenue Requirement and Risk Analysis, as  
12 well as the Revenue Requirement Study and supporting documentation. I appeared again  
13 as a witness in the 2002 PBL rate case, in both the original (“May 2000” proposal) and  
14 the modified proposal finally submitted to FERC (the “Supplemental Proposal”), and in  
15 the Safety-Net CRAC 7(i) process in early 2003. I worked on the risk analysis in the  
16 2006 TBL rate case. I was a witness in the 2007 Power rate case (WP-07), testifying on  
17 risk issues.