

1 QUALIFICATION STATEMENT OF

2 BYRNE E. LOVELL

3 Witness for the Bonneville Power Administration

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

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

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

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

10 *Q. Please state your educational background.*

11 A. I received a B.A. degree in Mathematics from Pomona College in 1974, an M.S. degree in  
12 Counseling from the University of Oregon in 1980; and a Doctor of Philosophy degree in  
13 Systems Science from Portland State University in 1995.

14 *Q. Please summarize your professional experience.*

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

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

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

24 In March 1991, I was appointed Chief of the Analytic Development section in the  
25 Power Systems Branch of the Office of Energy Resources. I was responsible for directing

1 the activities of the section in developing and maintaining models that simulate various  
2 aspects of the operation of the Federal and regional power systems.

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

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

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

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