

**QUALIFICATION STATEMENT OF  
WILLIAM A. PASCOE AS AN EXPERT WITNESS**

Witness for Caithness Shepherds Flat, LLC, in BPA Rate Case OS-14

**Q.** Please state your name, professional affiliation and business address.

**A.** I am William A. (Bill) Pascoe. I am president of Pascoe Energy Consulting, LLC, a firm specializing in providing engineering and economic advice and consulting services on electric power supply and transmission issues. My business address is 104 Country Club Lane, Butte, Montana 59701. My email address is [PascoeEnergy@aol.com](mailto:PascoeEnergy@aol.com)

**Q.** Please describe your educational qualifications.

**A.** I was trained for the roles of engineer and utility manager. My degrees include the following:

- Harvard Business School Advanced Management Program, 1999
- University of Idaho Public Utilities Executive Course, 1991
- M.S., Electrical Engineering, Montana State University, 1983
- B.S., Civil Engineering, Montana State University, 1978

**Q.** Please describe your professional experience.

**A.** From 1978 until 2003, I was employed in positions of increasing responsibility by the Montana Power Company ("MPC"), which was acquired by Northwestern Energy in 2002. Since early in my career with MPC, I was involved in hydro operations. For example, for 9 months in 1983-84 I was assigned by MPC to work at the Northwest Power Pool offices in Portland to learn about the operation of the Northwest's hydropower system. In 1991-92, I was elected to serve a term as Chairman of the Coordination Contract Committee regarding the Pacific Northwest Coordination Agreement (PNCA). The PNCA is the major agreement among all federal and non-federal owner/operators of the major hydroelectric projects along the Columbia River. Throughout my tenure at MPC I developed a thorough understanding of hydro power operations and regional water conditions, both with regard to MPC's own hydroelectric facilities and regarding the hydro systems of BPA and other Northwest utilities.

I was promoted by MPC to Assistant Vice President for Transmission Services in 1996. I was further promoted to Vice President for Transmission Services in 1997. In these roles, I was

1 responsible for all aspects of MPC's electric and natural gas transmission businesses, including  
2 operations, engineering, marketing and regulation. I managed 7,000 miles of electric  
3 transmission lines, 2,000 miles of natural gas pipelines and three natural gas storage fields. I led  
4 MPC's efforts to comply with the open-access transmission requirements of the Federal Energy  
5 Regulatory Commission ("FERC") under all relevant FERC orders in effect during this period.

6 In March of 2001, I assumed the role of Vice President of Energy Supply at MPC. In this  
7 role, I was responsible for procuring electricity and natural gas supplies for 288,000 electric and  
8 145,000 natural gas customers. Average annual purchases made by me, or under my direction,  
9 included 670 aMW of electricity and 20 BCF of natural gas. I led company efforts to assemble a  
10 portfolio of electricity supply contracts following sale of MPC's generating plants in 1999.

11 In June of 2002, I was promoted to Senior Vice President for Transmission Operations.  
12 In this capacity, I was responsible for all aspects of NorthWestern Energy's electric and natural  
13 gas transmission businesses in Montana and South Dakota, including operations, engineering,  
14 marketing and regulation. The electric and gas systems for which I was responsible, include  
15 8,200 miles of electric transmission lines, 2,000 miles of natural gas pipelines and three natural  
16 gas storage fields. I retired from Northwestern Energy in April 2003.

17 **Q.** Please describe your professional experience since retiring from Northwestern Energy.

18 **A.** I founded Pascoe Energy Consulting, LLC, and commenced providing consulting services to a  
19 variety of clients. Engagements have included developing transmission and marketing strategies  
20 and participating in regional transmission planning activities for thermal and wind-energy  
21 projects and for transmission projects in the Western United States. Representative engagements  
22 include:

- 23 • ***Great Northern Properties – October 2003 to present.*** Led development of transmission and  
24 interconnection strategies for proposed thermal power plants being developed by Great  
25 Northern Properties (GNP) in Montana and North Dakota. Actively involved in marketing  
26 activities and Montana legislative and regulatory support for GNP.

- 1       • ***Exergy Development Group – February 2004 to present.***     Currently providing  
2       transmission and interconnection advice and regulatory support for Exergy’s Montana and  
3       Idaho wind projects.
- 4       • ***Trans-Elect – June 2005 to November 2009.*** Led WECC regional planning, WECC path  
5       rating and utility interconnection activities for Wyoming-Colorado Intertie project, a  
6       proposed 345 kV line to deliver wind energy from southeastern Wyoming to the Colorado  
7       Front Range. Provided oversight for contractors conducting preliminary engineering and  
8       routing studies. Participated in marketing and tariff development activities. Provided expert  
9       testimony in regulatory proceedings.
- 10      • ***Wind Hunter/Green Hunter – September 2005 to May 2009.*** Developed transmission and  
11      interconnection strategies and marketing activities for proposed Wind Hunter/Green Hunter  
12      wind projects in Montana.
- 13      • ***Naturener – October 2007 to September 2009.*** Developed transmission, interconnection and  
14      balancing authority/ancillary services strategies for Naturener’s Glacier I and Glacier II wind  
15      projects in Montana, including the successful implementation of a wind-only balancing  
16      authority.
- 17      • ***TransWest Express, LLC – November 2008 to present.*** Now leading WECC regional  
18      planning and WECC path rating activities for TransWest Express (TWE), a proposed 600 kV  
19      HVDC line to deliver wind energy from south central Wyoming to southeastern Nevada and  
20      California. Actively involved in utility interconnection and balancing authority/ancillary  
21      services issues. Representing TWE on TWE/WAPA joint development Technical Committee.
- 22      • ***Caithness Shepherds Flat, LLC – December 2006 to present.*** Advisor on transmission and  
23      interconnection issues, on the Environmental Redispatch Protocol and its replacement  
24      Oversupply Management Protocol.

25   **Q.**     Please describe your active leadership roles in regional and interregional power and transmission  
26     organizations.

1 A. In addition to my service as chairman of PNCA Coordination Contract Committee, described  
2 above, representative leadership roles include:

- 3 • Western Electricity Coordinating Council (WECC) – Chairman, 2002-2003
- 4 • WECC Transmission Expansion Planning Policy Committee – Transmission  
5 Owner/Operator Representative, 2008-present.
- 6 • RTO West, a proposed independent system operator – Chairman, Board of Directors,  
7 2000-2001
- 8 • Pacific Northwest Utilities Conference Committee (PNUCC) – Chairman, 1998-1999
- 9 • IndeGO, a proposed independent system operator -- Chairman, Steering Committee,  
10 1996-1998