

**UNITED STATES OF AMERICA
U.S. DEPARTMENT OF ENERGY
BEFORE THE
BONNEVILLE POWER ADMINISTRATION**

**2014 RATE ADJUSTMENT
PROCEEDING**

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DOCKET NO. BP-14

QUALIFICATION STATEMENT OF

John D. Martinsen

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

A. My name is John D. Martinsen. I am employed by Public Utility District No. 1 of Snohomish County ("District"), 2320 California Ave, Everett WA 98206.

Q. In what capacity are you employed?

A. My title is Senior Manager, Reliability Compliance & Regional Transmission

Q. Please state your educational background.

A. I received a Bachelor of Science degree in Electrical Engineering ("BSEE") from Washington State University in 1988 (Power Emphasis). I have been a Washington State Professional Engineer in the state of Washington since 1993 (License No. 0030276)

Q. Please summarize your professional experience

A. I have worked in the electric industry for over 24 years in the system planning, operations, design and engineering areas at District. I have managed and performed transmission planning studies for the District Seven Year Capital Construction plan for over 15 years. Regionally, I have coordinated the District's plans with the Bonneville Power Administration, ColumbiaGrid, Northwest Power Pool (NWPP), and the Western Electricity Coordinating Council (WECC). These efforts included the review and study of major transmission expansion projects as well as seasonal path operating studies. In addition, I manage the District's North American Electric Reliability Corporation (NERC) compliance program and have held various elected committee positions such as the Transmission Dependent Utilities (TDU) sector representative for the NERC Planning Committee and Standards Committee.

Previous Position:

- Senior Regional Transmission Engineer - District

- Electric System Planning and Protection Engineer - District
- Director, Transmission and Distribution Engineering-Seattle City Light
- Principal Engineer - District
- Chief Engineer - District
- Substation Engineer - District

Current and Previous Professional Affiliations and Committees:

- NWPP Transmission Planning Committee (TPC) Chair
- Northwest Transmission Assessment Committee (NTAC) Chair
- ColumbiaGrid Puget Sound Area Study Team (PSAST)
- Northwest Regional Transmission Association (NRTA) Vice President and Chair of the Planning Committee
- NERC Standards Committee Transmission Dependent Utilities, Western North America representative
- NERC Planning Committee TDU Western North America representative
- WECC Planning Coordination Committee (PCC) representative
- The Institute of Electrical and Electronic Engineers (IEEE) Senior Member

Practical Experience:

- Manage Snohomish County PUD's NERC and WECC compliance department
- Manage regional transmission planning
- Perform system analysis – power flow, transient stability, economic, voltage perturbation, power-factor, circulating current, and other engineering calculations and analysis
- Infrastructure Technical Review Committee (ITRC) a small committee that the Bonneville Power Administration calls upon to review the technical merits of major transmission additions
- Participated on the numerous NERC and WECC Reliability Standards drafting and development committees
- Develop electric utility seven year capital construction plans (transmission-substation)
- Develop planning policy and guidelines and provide technical assistance on load and generator interconnection agreements
- Perform Critical Infrastructure Protection (CIP) critical asset assessments
- Perform generator interconnection system impact studies
- Development team for Independent Grid Operator (IndeGO) and RTO West - Planning, Congestion Management and Legal committees
- Work with local jurisdictions on Washington State Growth Management Act (GMA) - developing comprehensive land use policy
- Develop demand forecasts and temperature adjustments using regression analysis to normalize system loads
- Develop and submit to Federal Energy Regulatory Commission (FERC) and other utility organizations filings and comments

- 1 • Testify at the Washington State Senate Energy Committee and other public
2 forums regarding the impacts of the Year 2000 (Y2K) on power systems
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4 *Q. Please state your experience in previous proceedings.*
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6 A. I have not participated in previous BPA rate proceedings.