



Ted Smith
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SUMMARY:

A focus on the members is the cornerstone of the Cooperative. The responsibility to provide reliable electrical service, exemplary customer service and affordable rates is the most difficult juggling act for the cooperative.

I am the leader of the team that secured the procurement of a Dept of Energy grant to assist the cooperative in the implementation of its smart meter project. All operational issue in relation to the cooperative's distribution plant are

WORK EXPERIENCE:

Sioux Valley Energy-Colman, SD-Vice President of Engineering and Operations September 2006-Present

- Responsible for the Director of Operations, Manager of Engineering, Operation Managers (2), Dispatch Supervisor
- Directs all approved engineering, construction, operations and maintenance activities and programs to obtain maximum productivity, effectiveness, and safety practices in the pursuit of strategic goals.
- Directs the preparation of Power Requirements Studies, Long and Short Range Engineering Plans, Departmental Annual Work Plans and other engineering and operational studies to assure adequate system capacity, service reliability and workplace and public safety.
- Develops and recommends contracts, agreements, and required legal documents.
- Maintains a current knowledge and understanding of RUS, NESC and other standards and regulations are designed, constructed and operated in a safe and efficient way.
- Establishes system performance criteria and reviews to determine the consistency with system reliability and power quality goals.
- Assists with the development of cost-of-service studies and appropriate rate tariffs which result in rates that are cost-based, fair, equitable and which provide for the achievement of approved financial goals.
- Promotes and contributes to maintain high standards for work place safety throughout the organization.
- Develops recommendations regarding departmental organizational structure and staffing. Maintains effective internal and external relationships to enhance productivity to influence decisions of others.

Montana-Dakota Utilities Co.-Bismark, ND-Region Electric System Engineer May 2004-August 2006

- Responsibilities include, but are not limited to, meeting with customers to determine their service needs.
- Plan and design of overhead and underground electric distribution, to include cost estimates and calculation for possible contribution in aid to construction based upon allowable return on investment.
- Response to emergency calls, both during and after normal working hours, including the coordination of crews to minimize the effect to the customer.
- System analysis of the overhead and underground electrical distribution system.
- Design of projects for the upgrade of the distribution system based upon the results of the system analysis.

Northwestern Energy-Huron, SD October 1998-March 2004

Aberdeen Area Operations Manager (August 2002-March 2004)

- Responsible for all operations functions within the Aberdeen operating area.

- Responsible for the supervision and day-to-day activities of twenty-seven bargaining unit team members.
- Responsible for forecasting capital and expense expenditures as well as operating within budget parameters.
- Responsibilities also included, but were not limited to, meeting with customers to determine service needs. Design of projects for said needs. Calculation of contributions in aid to construction based upon project cost and expected return on investment.
- Scheduling of work to ensure material and crew availability was effectively meshed with customer expectations.
- Responded to outages and other emergencies.
- Communication with Senior Leadership, Customer Service Center and Communications Personnel.

Maintenance Engineer (June 1999-August 2002)

- Team lead for the Plant Maintenance Module during the enterprise resource planning (ERP) implementation project (October 2001-August 2002).
- Team lead during the creation and implementation of Resource Scheduling
 - Created the necessary processes to facilitate the dispatch of all maintenance work from a centralized location. Responsible for the interview process and selection of the team members necessary to complete this work. Supervised the resource scheduling team members.
 - Played a key role in defining specifications for the development of the Time Work Volume application that is used by Resource Scheduling to track time and productivity. This included development assistance, data load preparation, testing and training. In addition to tracking time, the system is used to benchmark and analyze work to ensure adequate staffing in required fields.
- Responsible for the implementation of a normalized line clearance process across the South Dakota Operating Area.
- Responsible for the negotiation of pricing and for contract locating.

Huron Area Engineer (October 1998-June 1999)

- Engineering support for the Huron Operating Area.
- Responsibilities included, but were not limited to, meeting with customers to determine service needs. Design of projects for said needs. Calculation of contributions in aid to construction based upon project cost and expected return on investment.
- Supervision of construction crews. Scheduling of work to ensure material and crew availability is meshed with customer expectations.
- Response to outages.
- Communication with Customer Service Center and Communications Personnel.

IBP inc.-Dakota City, NE

May 1996-October 1998

- Member of the Corporate Electrical Engineering Staff.
- Responsible for multi-million dollar projects, including but not limited to, design and specification of plant electrical systems including control circuits, 120 to 4160 volt power circuits, variable frequency drives, power factor correction, motor control centers and plant substation and associated connections to the local electric utility.
- Cost estimates and return on investment calculations of said projects.
- Writing of bid packages and awarding of bids to contractors to construct projects as designed.
- Supervision of contractors performing installation of projects.
- All work done in accordance with the latest version of the National Electric Code.

United States Air Force, Beale AFB, CA.

January 1987-May 1991

- Assigned to the Exterior Electric Shop as an Electric Lineman. Duties included, but were not limited to, construction and maintenance of base overhead and underground 12 kV Delta electrical distribution system, 120-480 volt secondary systems, substation maintenance and Airfield Lighting System.

EDUCATION

Master of Business Administration (MBA)

University of Phoenix, Online Campus (2003)

Bachelor of Science in Electrical Engineering

South Dakota State University, Brookings SD (1996)

LICENSES AND CERTIFICATIONS

Licensed Professional Engineer (PE)

State of Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience and Interior Design (June 2011)

NRECA Management Internship Program (MIP)

NRECA Management Internship Program, University of Wisconsin (2007-2008)

VOLUNTEER AND COMMUNITY SERVICE:

Junior Achievement

Volunteer with Junior Achievement in both North and South Dakota. Worked with the program for 1st, 3rd and 8th grade students (2005 to present)

Center for Power Systems Studies (CPSS)

Representative to the CPSS at South Dakota State University. The CPSS works with the university to help to bring more students into the power engineering industry. (2006 to present)

Farm Rescue

Volunteer with Farm Rescue organization. Assisting farm families in crisis with planting and harvesting of their crops. (2011 to present)

REFERENCES:

References Available Upon Request.