

Bryan D. Morlock, P.E.
1121 Mitchell Place
Fergus Falls, MN 56537
218-739-4124

- Experience Electrical engineer with 18 years of electric utility experience with Otter Tail Power Company, Fergus Falls, MN.
- 1996-Current Director of Resource Planning, Otter Tail Power Company. Department supervisor of the resource planning, load forecasting, and wholesale marketing functions (1997). Special tasks include developing business plans for a new wholesale marketing activity and an independent generating company (GENCO). Company representative to the Mid-continent Area Power Pool (MAPP) Power & Energy Market (1997), and elected by MAPP membership to the Power & Energy Market Committee (1997). Currently Company alternate representative to the MAPP Executive Committee and Regional Reliability Committee, and Chair of the MAPP Accreditation Subcommittee(since 1994).
- 1990-1996 Manager of Resource Planning, Otter Tail Power Company. Department supervisor of four staff personnel involved in developing integrated resource plans, maintaining and operating probabilistic planning models and financial models, obtaining regulatory approval of resource plans, recommending courses of action regarding new resources to upper management, meeting all federal, state, and power pool data reporting related to resources, negotiation of long-term capacity transactions, conducting supply-side research including wind and solar monitoring, analysis of supply-side efficiency improvements, development of testimony for regulatory proceedings, and company representation at the Mid-continent Area Power Pool as the Engineering Committee Representative 1994-1996 (alternate from 1987-1993), Engineering Steering Committee 1994-1996, Accreditation Subcommittee 1992-1996 (Chair 1994-1996), and the Reserve Requirements Task Force (1991-1992). Have also had involvement in fuel and freight contract analysis, financial planning and analysis, and hydro licensing.
- 1986-1990 Supervisor of Resource Planning, Otter Tail Power Company. Supervised a staff of two in the analysis of supply-side resources, financial analysis, long-term probabilistic production cost modeling, long-term capacity transactions, fuel and freight contracts, and cost-effectiveness of demand-side management programs.
- 1982-1986 Supervisor of Energy Administration, Otter Tail Power Company. Supervised a staff of three in the System Operations Department involved in short-term capacity and energy transactions, generation commitment and scheduling, deterministic production cost modeling, daily load forecasting, fuel budgeting, control area energy accounting, and operation of the load management system.
- 1979-1982 Division Engineer, Otter Tail Power Company. Supervised five 2 and 3 man area line crews, with total responsibility for the planning, design, budgeting, construction, and operation of company sub-transmission and distribution facilities 69 kV and below in an area covering approximately 7500 square miles.

EXHIBIT
APPLICANTS'
EX-10-A

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1978-1979 Staff Engineer, Otter Tail Power Company. Worked in support of division engineers in the planning, design, and construction of sub-transmission and distribution facilities 69 kV and below. Conducted motor start, voltage drop, and voltage conversion studies to determine economic solutions to service problems.

Education Graduated cum laude in 1978 from the University of North Dakota with a Bachelor of Science in Electrical Engineering (BSEE) and a Bachelor of Science in Business Administration (BSBA). GPA of 3.46 on a 4.0 scale. Honored with membership in Eta Kappa Nu, an electrical engineering honor society, and Tau Beta Pi, an engineering honor society.

Military U.S. Air Force, 1971-1975. Held a secret security clearance and worked as a nuclear weapons specialist with responsibilities for the inspection, maintenance, and repair of nuclear warheads. The last 2 1/2 years worked as crew chief of a crew of four. Honorable discharge as staff sergeant (E5).

Certification Registered professional engineer in Minnesota since 1982.
Registered lobbyist in Minnesota for representation before the Public Utilities Commission and the state legislature.

Professional Activities University of North Dakota Electrical Engineering Advisory Council since 1988.
University of North Dakota Alumni Leadership Council since 1990.
National Society of Professional Engineers, including service as a state level director.
Institute of Electrical and Electronics Engineers, including serving as section chair for two years.

Training Seminars Engineering Economy, Iowa State University, January 1980.
System Operators Course, Iowa State University, February 1983.
EPRI Unit Commitment Software Seminar, November 1983.
Economic Power System Operation Course, Arizona State Univ., March 1984.
EPRI Production Costing and Unit Commitment Seminar, September 1984.
Interchange Transactions Seminar, December 1984.
PTI Power System Scheduling and Operations Course, October 1985.
SAGE Production Costing Seminar, February 1986.
FIN Financial Model Training, May 1986.
Load Management Strategy Testing Model, October 1986.
Coal Transportation Seminar, November 1986.
Load Management Strategy Testing Model, March 1987.
APPA Engineering & Operations Workshop, March 1987 (speaker).
Load Management Strategy Testing Model, March 1988.
Demand-side Management Conference, May 1989.
Load Management Strategy Testing Model, May 1989 (speaker).
Load Management Strategy Testing Model, September 1989.
Coal Market Strategies Conference, October 1989.
Synergy Resources Integrated Resource Planning Course, November 1989.
FIN Financial Software Training Course, March 1990.
End-Use Load Information Seminar, July 1990.
NARUC Least Cost Planning Seminar, April 1991.
MAPP Reliability Seminar, August 1991.
Geothermal Resources Council Seminar, October 1991.

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ND PSC Clean Air Act Amendments Workshop, July 1992.
Combustion Turbine Seminar, September 1992.
Load Management Strategy Testing Model (IRP-Manager), Oct. 1992 (speaker).
MN Department of Public Service Energy Forum, October 1992 (speaker).
Utility Resource Planning Conference, March 1993 (speaker).
ND PSC Workshop on 1992 Energy Policy Act, May 1993 (speaker).
EPRI Coal Gasification Seminar, September 1993.
IRP-Manager, October 1993 (speaker).
EPRI Wind Users Support Group Seminar, January 1994 (speaker).
Joint Regulatory Assistance Workshop, May 1994.
EEI Environmental Externalities Conference, June 1994.
ND PSC Workshop on Integrated Resource Planning, June 1994.
Environmental Externalities Conference, November 1994.
Risk Management, Futures, Options, & Hedging Seminar, March 1995.
North Dakota State University Wind Symposium, April 1995 (speaker).
SD PUC Workshop on Competition and IRP, May 1995.
EEI Leader/Manager Training, October 15-27, 1995.
Divesting Generating Assets Seminar, October 1996.
Risk Management Institute Seminar, November 1996.
EEI Transmission SAC Meeting, September 1997.
EEI Transmission SAC Meeting, March 1998.

Community
Activities

Lake Country Barbershop Chorus, Member and past officer.
Past congregation president of Zion Lutheran Church.
Calvary Free Lutheran Church Sunday School teacher.
Calvary Free Lutheran Church Building Committee.
Calvary Free Lutheran Church Council (1998-2000)
Chair (10 years) of the Junior Engineering Technical Society's High School
Competition.
Past chair of Luther Crest Bible Camp Fund Raising

References

Mr. Richard Breuer, 2406 Mahood Drive, Columbus, NE 68601, 402-563-2089.
Mr. Richard Steidl, 521 West Vernon Ave., Fergus Falls, MN 56537, 218-736-3546.
Additional references available upon request.

