

JOHN REILLY FISKE, P.E.

Rutland, VT 05701
(802) 353-0920
Email: jfiske@jrfengineering.com

EDUCATION: Vermont State Professional Engineer, 1995

University of Vermont, Burlington, Vermont
Bachelor of Science Degree
Major: Electrical Engineering
Graduated: May 1987

PROFESSIONAL EXPERIENCE:

Green Mountain Power, Rutland, VT

10/13-11/22 Director of Engineering

Responsible for Electrical/Civil Engineering, Transmission and Distribution Planning and Transmission Line Engineering activities related to existing transmission, distribution and generation substations and new substations.

10/07 to 10/13 Manager of Substation Design/Relay Protection

Responsible for Electrical/Civil Engineering and System Protection Field Services Plan and implement the corrective/preventive maintenance as well as many design/construction activities related to existing transmission, distribution and generation substations and new substations.

Vermont Electric Power Company

3/07 to 10/07 Manager of Asset Maintenance

Responsible for maintenance activities in 34 Substations, 430 miles of 115kV Line, 33 miles of 230kV, and 114 miles of 345kV lines, 52 miles of 450kV DC line, Line Clearance, Corporate Headquarters Facilities, and Vehicle Fleet maintenance.

3/04 to 3/07 Manager of Engineering and Design

Responsible for Electrical/Civil Engineering and System Protection Field Services. Plan and implement the corrective/preventive maintenance as well as many design/construction activities related to existing substations and new substations. Responsible for Engineering Design and

Commissioning of major capital improvements for the Northern Loop Project and Northwest Reliability Project. These responsibilities included NPCC approval of Bulk Power stations, design, purchase, and testing of large power transformers, phase shifting transformers, shunt reactors, capacitor banks, and breakers. Responsible for the engineering and maintenance activities at the Highgate Converter HVDC station and the Essex FACTS station. Developed substation design standards and transmission line standards.

4/98 to 3/04

Senior System Protection Engineer

Responsible for Protection and Control systems on the bulk power system in the State of Vermont. Developed AC and DC elementary P/C control schemes, microprocessor & electromechanical relay settings and commissioning/testing guides. Designed substation grounding grids, DC battery systems, relay control panels, and auxiliary power systems. Wrote technical specifications for large power transformers, phase shifting transformer, capacitors banks, shunt reactor and breakers. Experienced in factory acceptance testing transformers. Presented P/C design to NPCC for project approval of the Rutland Region Reliability Drawings. Responsible for the Vermont Transmission and sub transmission power system ASPEN short circuit and coordination model.

Central Vermont Public Service Corporation

1/95 to 4/98

System Protection Engineer

Responsible for Protection and Control systems on the sub transmission system. Developed AC and DC elementary P/C control schemes, and microprocessor & electromechanical relay settings. Developed the short circuit model for the Vermont Transmission and sub transmission power system utilizing the ASPEN short circuit and coordination software package. Calculated line and transformer impedances.

6/87 to 1/95

Operations Engineer

Developed reconstruction budgets, designed reconstruction projects, wrote reconstruction work orders, designed distribution protection systems, conducted several stray voltage investigations, calculated and calibrated regulator settings, made/directed power quality tests, trained operations technicians and line workers, and worked several large storm situations.

References available upon request.