

## MICHAEL G. LYFORD

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### EDUCATION

B.S. – Architecture, Roger Willilams College

### PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

Advanced AutoCAD Certification – A-Cad Training Center  
PLS-CADD Line Design Certification – University of Wisconsin  
Substation Design Certification – University of Wisconsin  
Advanced Erosion & Sediment Control Certification – Maine Department of Environmental Protection

### EMPLOYMENT HISTORY

2024 to present – Sevee & Maher Engineers, Inc., Cumberland, Maine, Senior Transmission Designer/Senior Field Engineer  
2007 to 2024 – SGC, Bangor, Maine, Senior Transmission Designer  
2001 to 2007 – Olver Associates, Winterport, Maine, Resident Engineer  
1989 to 2001 – Bangor Hydro Electric Company, Bangor, Maine, Engineering Tech

### PROFESSIONAL EXPERIENCE

Michael Lyford has over 30 years of experience providing engineering support, quality control inspection, and project coordination for various civil and electrical engineering projects in the electric utility industry, and over 15 years of experience in line design using PLS-CADD. His areas of expertise include transmission line and substation design, construction oversight, and vegetative maintenance for transmission line corridors; managing the operations, maintenance, construction, and improvements of electric utility facilities; and bid and contract coordination for civil construction projects including for wastewater treatment facilities, roadways, and water and sewer infrastructure and site development.

Representative projects demonstrating Mr. Lyford's area of expertise include:

- **Olver Associates, Inc., various projects, Winterport, Maine** – Provided engineering support, surveying, design, drafting, project management, and quality control inspections for a variety of projects including utility infrastructure improvements, treatment facility upgrades, and roadway construction.
- **Bangor Hydro Electric Company, various projects, Bangor, Maine** – Provided support to this utility's engineering department by serving in various functions including surveying, design, project coordination, bidding/contract administration and quality control inspections for a wide range of construction projects, including transmission lines and hydroelectric generation facilities.

- **Emera Maine, Line 69 Rebuild, various locations, Maine** – Lead Designer for the rebuild of Line 69 from Columbia Switch to Harrington Substation. Responsible for the planning, analysis and design required for full replacement of this 115kV transmission line.
- **Emera Maine, Downeast Reliability Project, various locations, Maine** – Senior Technician assisting the Lead Engineer in the design of a 42-mile, 115kV transmission line from permitting phase through construction phase. Included in this project, the team role was managing all survey data acquired by other firms, developing exhibits, plan and profile drawings and wood/steel structure details.
- **Record Hill Wind LLC, Record Hill Wind Project, Roxbury, Maine** – Design/Resident Engineer of the 34.5kV Collector System for the Record Hill Wind Farm Project from permitting phase into construction. Assisted Lead Engineer in the design of eight miles of overhead and underground collector system using PLS-CADD and AutoCAD Civil 3D.
- **Champlain Wind LLC, Bowers Will Project, Lincoln, Maine** – Permit level design of the 34.5kV Collector System for the Bowers Wind Farm Project. Assisted Lead Engineer in the design of 11 miles of overhead and underground collector system using PLS-CADD and AutoCAD Civil 3D.
- **First Wind LLC, Stetson Wind Project, Danforth, Maine** – Owners Engineer for the construction of a 34.5kV/115kV substation as part of the Stetson Mountain Wind Farm project. Inspected earthwork and concrete foundations as well as the erection of the substation steel package. Performed construction inspection of all electrical equipment installations in the substation.
- **Evergreen Wind Power III, LLC, Rollins Wind Project, Lincoln, Maine** – Design/Resident Engineer of the 34.5kV Collector System for the Rollins Wind Farm Project from permitting phase through construction and commissioning. Assisted Lead Engineer in the design of 17 miles of overhead and underground collector system using Power Line Systems, Inc., PLS-CADD and AutoCAD Civil 3D. Included in the design was route selection, development of permitting phase drawings/exhibits, plan and profile drawings and details and structure design and details. During the construction phase, transitioned into a Resident Engineer role both onsite providing quality assurance and offsite providing data requested through the submittal and request for information process.
- **Town of Corinna, Wastewater Treatment Facility Replacement, Corinna, Maine** – Resident Engineer for the Wastewater Treatment Facility Replacement for the Corinna Sewer District. This project consisted of the replacement of an activated sludge wastewater treatment plant with a new facultative lagoon wastewater treatment facility including a headworks/main pump station building, 6700 lineal feet of 12" diameter (Ø) polyvinyl chloride (PVC) force main, two 3.5 MG synthetically lined facultative lagoons, one 50 MG synthetically lined storage lagoon, a spray irrigation system, an operations building, and 2000+/- lineal feet of 18"Ø PVC gravity sewer. This project included the demolition and removal of the existing wastewater treatment facility.
- **Green Mountain Power, various projects, various locations, Vermont** – Lead designer for several transmission line replacements and rebuilds including line layout and structure design covering hundreds of miles throughout various locations across Vermont.