

KENNETH A. NOLAN

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EXPERIENCE

Jan. 2011 – present City of Burlington Electric Department
Manager of Power Resources

Burlington, VT

- Member of senior management team
- Lead regulatory and legislative efforts related to power supply and strategic initiatives
- Responsible for several functional areas
 - Power Supply Procurement
 - Responsible for power supply budget and all power supply procurement decisions
 - Oversee \$10+ million annual Renewable Energy Certificate trading desk
 - Develop bidding strategies for owned generation resources
 - Responsible for interaction with ISO New England market system
 - Integrated Resource Planning and Strategic Planning
 - Manage cross-functional strategic initiatives
 - Oversee triennial development of 20-year Integrated Resource Plan
 - Established BED's NERC reliability standard compliance program
 - Manage BED's \$14 million share of Vermont's statewide ARRA smart grid grant project
 - Transmission Policy and Access
 - Conduct all negotiations with transmission providers
 - Participate in FERC activities as necessary
 - Represent BED on the Transmission Access Policy Study Group (TAPS) Board of Directors
 - Responsible for owned transmission assets, primarily HVDC converter ownership rights
 - BED's primary contact with Vermont Transco LLC
 - Rate Design
 - Responsible for management of retail tariffs
 - Oversee development of new tariff structures
 - Participate in regulatory proceedings related to rate design issues
 - Load and Revenue Forecasting
 - Supervise development of long range, annual, and daily load forecasts
 - Oversee revenue projection development for annual and 5-year budget efforts
 - Energy Efficiency Verification and Reporting
 - Supervise staff that verifies energy efficiency program results
 - Responsible for filing annual energy efficiency reports with state regulators
 - Meter Data Management and validation
 - Manage operation of BED's meter data management system
 - Provide validation of incoming AMI meter data
 - Coordinate provision of AMI data to other BED departments
 - Information Technology
 - Supervise staff of five IT professionals
 - Oversee all business IT functions
 - Manage all company-wide IT projects

2007–2010 **City of Burlington Electric Department**
Director of Resource Planning

Burlington, VT

- Member of senior management team
- Lead regulatory and legislative efforts related to power supply and strategic initiatives
- Responsible for several functional areas
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 - Energy Efficiency Verification and Reporting
 - Supervise staff that verifies energy efficiency program results
 - Responsible for filing annual energy efficiency reports with state regulators
 - Manage activities to report energy savings to ISO New England for market recognition

1998–2007

City of Burlington Electric Department

Burlington, VT

Resource Planner

- Responsible for all transmission activities
 - Assisted General Manager in developing and implementing transmission related negotiating strategies
 - Assisted engineering staff in negotiating cost allocation agreements
 - Negotiated transmission arrangements with third party providers as needed
 - OASIS Administrator
- Primary analyst on power supply issues
 - Developed and managed in-house proprietary demand bidding strategy
 - Submitted demand bids to ISO New England
 - Developed bidding strategies for the McNeil generating station and Burlington Gas Turbine
 - Developed long-term biomass fuel procurement strategies for the McNeil station
 - Oversaw all ISO New England market settlement activities
 - Developed positions on Vermont regulatory and legislative energy policy, and testified as necessary
 - NEPOOL GIS Administrator responsible for monitoring and reporting renewable energy certificates
- Special Projects
 - Managed conversion of utility systems to accommodate ISO New England conversion to Standard Market Design (SMD).
 - Lead analyst for consortium of municipal utilities seeking remuneration from Vermont Nuclear Power Corporation when the plant was sold to Entergy Nuclear in 2002.

1998–2007

Town of Milton, Vermont

Milton, VT

Selectboard Chairman (Selectboard member 1996-2007)

- Elected Chief Executive Officer of Vermont's 9th largest Community
- Conducted all municipal meetings including bi-weekly videotaped public Selectboard meetings.
- Represented town in negotiations with business, state, and federal officials.
 - Negotiated economic development package that brought one of the largest employers in Vermont to Milton.
 - Town lead in Lamoille Hydro relicensing effort with the Vermont Agency of Natural Resources, Vermont Natural Resource Council, Central Vermont Public Service, and Trout Unlimited.
 - Negotiated Act 250 Land Use Permit settlement with the Conservation Law Foundation to allow 1 million gallon per day expansion of Milton wastewater treatment plant.
 - Negotiated resolution of a \$1 million bridge construction dispute with the Vermont Agency of Transportation Secretary.
 - Oversaw town's legislative and public relations strategies in each case.
- Worked with Town Manager and Town Treasurer to obtain municipal bond approvals and to place bonds

1988–1998 **Vermont Public Power Supply Authority** Waterbury, VT
DSM Analyst/Utility Analyst

- Joint Action Agency serving fourteen municipal utilities

- Utility Analyst (Power Supply Group) 1994 to 1998
 - Power trader in the daily and short term market
 - Analyzed power supply contracts
 - Managed outside consultants on distribution engineering issues
 - Presented power supply analyses to member municipality boards and commissions
 - Developed member municipality power supply budgets
 - Prepared power supply section of member Integrated Resource Plans
 - Scheduled contracts with ISO New England and Vermont Electric Power Company

- DSM Analyst (Rate Group) 1988 to 1994
 - Oversaw distribution and transmission engineering for membership
 - Responsible for distribution portions of member Integrated Resource Plans
 - Managed outside consultant preparing distribution loss analyses
 - Represented members before Vermont Public Service Board and Department of Public Service on distribution and transmission issues

1984–1990 **Vermont Army National Guard** Jericho, VT
Communications Technician/Communications Chief

- Member of “Mountain Company”
 - First mountain warfare infantry company in U.S military since WWII
 - Trained in mountain terrain warfare tactics
 - Entered as private and received honorable discharge as Sergeant

- Communications Technician 1984 to 1986
 - Member of company headquarters section
 - Responsible for maintaining communications between headquarters and field platoons
 - Company commander’s personal radioman

- Communications Chief 1987 to 1990
 - Supervisor of six man communications section
 - Member of company’s senior leadership cadre
 - Assisted in development of monthly training exercises
 - Held overall responsibility for maintaining communications across entire company
 - Overall responsibility for maintaining and tracking company communication equipment inventory
 - Responsible for insuring proper maintenance of radio and telephone components

EDUCATION AND RECOGNITION

2012	Certificate in Legal Essential for Utility Executives from Vermont Law School
2004	Recipient of the Robert A. Skiff Community Improvement Award from Cynosure, Inc. (an economic development corporation sponsored by Chittenden County's most influential business leaders) for "significant contributions and dedication towards improving community, educational, and economic opportunities for the citizens of Chittenden County and the State of Vermont"
1995	Certificate in Public Utility Management from the North East Public Power Association (NEPPA)
1987	Vermont National Guard Primary Leadership Development Course Distinguished Graduate
1984–1988	University of Vermont (Burlington, VT) Bachelor of Science in Electrical Engineering
1980–1984	Bellows Free Academy (Fairfax, VT) Valedictorian

CAREER RELATED ASSOCIATIONS AND AFFILIATIONS

VEPP Inc. (Vermont Electric Power Producers), Board of Directors
Renewable Energy Vermont, Board of Directors
Vermont Transco LLC, Operating Committee
ISO New England, Markets Committee
ISO New England, Transmission Committee
ISO New England, Transmission Planning Advisory Committee
Highgate D.C. Converter Station, Joint Owners Management Committee
Phase I/II D.C. Transmission Line Individual Rights Holders Management Committee
Northeast Public Power Association, Regional Power Supply Committee
Vermont System Planning Committee, BED delegate
Technical Coordinating Committee Member