

SHAWN ENTERLINE

Electrification & Renewables

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OVERVIEW: Collaborative advisor, analyst and project manager with 28 years of utility and consulting experience.

EDUCATION

The Pennsylvania State University, University Park, PA

1995 & 1999

- BS & MS in Mineral Economics, Minor in Economics
- Master's Thesis: Econometric Analysis of Weather on US Electricity and Natural Gas Demand

HARD SKILLS

- Power user of Microsoft Excel, Word, Teams, and Power Point. Proficient with Power BI and SQL.
- Lead author and analyst for over two-dozen Integrated Resource Plans and consulting reports.

SOFT SKILLS

- Skilled facilitator of technical, collaborative groups of advocates, analysts, engineers & managers.
 - Effective and dynamic public speaker, both professionally and in amateur settings.
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PROFESSIONAL EXPERIENCE

Vermont Department of Public Service

2/26 – Present

Consumer Advocate & Regulatory Agency

Chief of Finance & Economics

- Oversee and conduct financial and economic assessments related to cost of service, rate base, cost of equity, rate of return, and rate design to determine whether proposed utility rates are just and reasonable under traditional and alternative ratemaking standards.

Regulatory Assistance Project

5/23 – 1/26

Non-Profit Energy and Regulatory Consultancy

Sr. Associate

- Regulatory Advisor: Advise state, federal and international energy regulators on current topics including; options to manage affordability, approaches to cost recovery and performance-based rate making, distributed energy resources, energy efficiency, integrated planning (including distribution system planning), and modern approaches to equitable stakeholder engagement.
- Researcher & Technical Writer: Lead and/or co-authored a series of reports including 24/7 Carbon Free Electricity Transition Tariffs, Unlocking System Savings with EV Charging, and Laws in Order: An Inventory of State Renewable Energy Siting Policies. Upcoming reports include a report on how Thailand's regulators can advance Virtual Power Plants and how the Barbados Fair Trading Commission can reform its regulations to help accelerate its country's progress through the energy transition.

Vermont Public Power Supply Authority, Waterbury Center, VT

11/19 - 4/23

Municipal Electric Utilities, Joint Action Agency

Manager of Power Resources, Senior Power Analyst

- Power Supply & Renewable Energy Credit (REC) Management: Manage the one and five-year budgets for fifteen municipal and cooperative utilities. Administer \$40 million/year in New England's markets.
- Integrated Resource Planning: Lead author and thought leader for the 20-year IRPs for eleven municipal utilities. Primary contact for regulatory approval.
- Rate Case Preparation: Analyze power supply costs and sponsor testimony for rate case proceedings before the Public Utilities Commission.

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Dunsky Energy Consulting, Montreal, QC
Energy Efficiency and Renewable Energy Consulting Firm

5/17 – 10/19

Project Manager, Senior Consultant

- Program Design: Provided program design and project management for multiple client projects including an assessment of small business weatherization technologies for EverSource, and the design of a commercial new construction program for FortisBC.
- Project Management: Project manager for a demand response potential study for the Nova Scotia Department of Energy and an all-fuels energy efficiency potential study for New Brunswick Power.

Green Mountain Power Corporation, Colchester, VT
Investor-Owned Electric Utility, Power Supply & Regulatory Affairs Departments

1/14 – 2/17

Director of Regulatory Affairs, Power Supply Project Manager

- Integrated Planning (IRP): Managed, analyzed, authored and gained regulatory approval for the Company's first post-merger IRP in collaboration with engineering staff, innovation staff and external stakeholders. Identified least-cost pathways to achieve a 100% renewable power supply.
- Rates & Regulatory Affairs: Managed the Company's participation in and compliance filings for various regulatory proceedings, including Vermont's 2017 net-metering rule and Renewable Energy Standard (RES).

Vermont Energy Investment Corporation, Burlington, VT
Non-Profit Energy Consulting Firm

12/08 – 1/14

Consultant, Senior Consultant

- Energy Efficiency Policy & Program Design: Responsible for providing thought leadership and project management for teams who design energy efficiency policies and programs for clients such as the Illinois Energy Agency, the US Dept of Energy, and the New Hampshire Office of Energy & Planning. Sample client engagements include managing the stakeholder group for the creation of the Illinois Technical Reference Manual, the design and implementation of two DOE-funded dynamic rate studies, and the development of an Energy Efficiency Resource Standard for New Hampshire.

Burlington Electric Department, Burlington, VT
Municipal Electric Company, Resource Planning and Finance Departments

03/03 – 07/08

Power Trader, Resource Planner, Sr. Financial Analyst

- Cost of Service and Rate Design: Managed BED's first Cost of Service study and rate redesign in 10 years, including the analysis, testimony and regulatory approvals. Prepared BED's 2006 Rate Case.
- Integrated Resource Planning (IRP): Created the power cost and rate models for BED's 2004 & 2008 IRPs, which showed how the Company could become 100% renewable by 2014 without raising rates.

PG&E Gas Transmission Northwest, Portland, OR
Interstate Gas Pipeline Company, Pipeline Marketing and Development Department

10/00 – 2/03

Senior Pricing Planner

- Capacity & Gas Marketing: Negotiated and implemented short-term firm (STF) capacity sales worth \$5-10 million/year in cooperation with five Account Managers.
- Risk Management: Recommended strategies for minimizing basis-spread risk and maximizing capacity sales.

Unitil Service Corp, Hampton, NH
Gas and Electric Utility Holding Company, Supply Operations Department

2/98 – 9/00

Energy Analyst, Senior Energy Analyst

- Resource Planning: Analyzed loads and supply contracts to structure RFP's for seasonal energy requirements. Updated Unitil's semiannual cost of gas and power adjustment filings.

SELECTED PUBLICATIONS AND PRESENTATIONS

- Thailand Energy Regulatory Commission (ERC)
 - ‘Unlocking Cost-Effective Grid Flexibility in Thailand: Virtual Power Plants and the Role of Regulators’, Report and webinar, November 2025
- Barbados Fair Trading Commission (FTC)
 - ‘Opportunities for Regulatory Reform in the Electric Sector’, Report, November 2025
- National Association of Regulatory Utility Commissioners (NARUC)
 - ‘Demand Flexibility in the European Union’, International Relations Panel, Winter Policy Summit, Conference Presentation, February 2025
- Urban Sustainability Directors Network (USDN) and Southeast Sustainability Directors Network (SSDN)
 - ‘The Nexus of Affordability, Electrification and Flexibility’, Webinar, November 2025
 - ‘Integrated Electric System Planning for Municipalities and Other Intervenors’, Webinar, November 2023
- Unlocking System Savings With Flexible EV Charging: Lessons From Colorado, Report and webinar, June 2024
- Lawrence Berkley National Laboratory (LBNL)
 - ‘Laws in Order: An Inventory of State Renewable Energy Siting Policies’, Report and webinar, June 2024
- Electric Power Research Institute (EPRI)
 - ‘The Northeast Perspective on Advanced Heat Pump Technology’, Symposium on Advanced Heat Pump Technology, Fairhope, AL, December 4th, 2013
- Association of Energy Service Professionals (AESP)
 - ‘Assessing Smart Grid and Consumer Behavior Impacts on Energy Efficiency’, AESP National Conference, Orlando, FL, January 30th, 2013
- American Council for an Energy Efficiency Economy (ACEEE)
 - ‘Integrating Energy Efficiency into Utility Load Forecasts’, Enterline & Fox, ACEEE Summer Study, Pacific Grove, CA, August 17th, 2010
 - ‘Equipment Lease Program Design for Heat Pumps, ACEEE Hot Water Forum, Atlanta, GA, November 2013