



CHRISTOPHER NEME, PRINCIPAL

EDUCATION

M.P.P., University of Michigan, 1986
B.A., Political Science, University of Michigan, 1985

EXPERIENCE

2010-present: Principal, Energy Futures Group, Hinesburg, VT
1999-2010: Director of Planning & Evaluation, Vermont Energy Investment Corp., Burlington, VT
1993-1999: Senior Analyst, Vermont Energy Investment Corp., Burlington, VT
1992-1993: Energy Consultant, Lawrence Berkeley Laboratory, Gaborone, Botswana
1986-1991: Senior Policy Analyst, Center for Clean Air Policy, Washington, DC

PROFESSIONAL SUMMARY

Chris Neme leads a variety of consulting projects for clients across the United States, Canada, and Europe. He specializes in analysis of markets for energy efficiency measures and the design of programs and policies to promote them. Prior to co-founding Energy Futures Group, he served as Director of the Vermont Energy Investment Corporation's 30-person consulting division. During his more than 20 years in the energy efficiency industry, Mr. Neme has conducted analyses of efficiency potential in five states; reviewed or developed efficiency programs in more than 20 different states and provinces and the United Kingdom; led utility-stakeholder "collaboratives" in six states, and defended expert witness testimony before regulatory commissions in eight different states and provinces. Mr. Neme has led several different training courses on the elements of good efficiency program design, including one sponsored by Affordable Comfort for its annual national conference. He has also published papers and/or presented assessments of efficiency markets, programs and policies through a wide variety of publications, conferences, Consortium for Energy Efficiency Technical Committees, ENERGY STAR working groups and other international forums. Mr. Neme currently serves as Co-Chair of NEEP's EM&V Research and Evaluation Committee.

SELECTED PROJECTS

- **Tennessee Valley Authority.** Assisting a team charged with helping TVA redesign its residential efficiency program portfolio to meet aggressive new five-year savings goals.
- **Ohio Public Utilities Commission.** Senior Advisor to a project to develop a web-based Technical Reference Manual (TRM). The TRM includes deemed savings assumptions, deemed calculated savings algorithms and custom savings protocols. It will serve as the basis for all electric and gas efficiency program savings claims in the state.
- **Northeast Energy Efficiency Partnerships.** Senior Advisor to a project to develop a Technical Reference Manual for three Mid-Atlantic States. The manual will cover measures contributing more than 90 percent of non-custom savings for the region.
- **Green Energy Coalition (Ontario).** Representing a coalition of environmental groups in various regulatory proceedings. Present recommendations on DSM policies, critically review and negotiate with utilities on proposed DSM Plans, serve (elected by non-utility stakeholders) on utility Evaluation/Audit Committees, and defend expert witness testimony.



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- ***Regulatory Assistance Project.*** Drafting “white papers” on (1) policies and program strategies to achieve whole house retrofits of half of all homes within 15 year; and (2) the role efficiency programs can play in cost-effectively deferring transmission and distribution system investments.
- ***British Department of Energy and Climate Change.*** Supported the British government’s development of aggressive national efficiency initiatives, particularly strategies for rapid and massive-scale retrofits of the thermal envelopes of existing homes.
- ***New Jersey Clean Energy Program.*** Oversaw VEIC support of Honeywell-led team delivering all statewide residential efficiency and renewable energy programs. Led work on program design, regulatory filings, savings algorithms and interactions with evaluators.
- ***New York State Energy Research and Development Authority (NYSERDA).*** Led analysis of residential electric and gas efficiency potential (over 20 years) for New York state. Scenarios included continuation of existing initiatives, new budget constraints and a least-cost approach to meeting greenhouse gas emission reduction targets.
- ***Efficiency Vermont.*** Oversaw residential program planning, evaluation work, and bids of efficiency resources into New England’s Forward Capacity Market.

SELECTED PUBLICATIONS

- “Is it Time to Ditch the TRC?” Proceedings of ACEEE 2010 Summer Study on Energy Efficiency in Buildings, Volume 5 (with Marty Kushler).
- “A Comparison of Energy Efficiency Programmes for Existing Homes in Eleven Countries”, prepared for the United Kingdom Department of Energy and Climate Change on behalf of the Regulatory Assistance Project, 19 February 2010 (with Blair Hamilton et al.)
- “Energy Efficiency as a Resource in the ISO New England Forward Capacity Market”, Proceedings of the 2009 European Council on an Energy Efficient Economy Summer Study, pp. 175-183 (with Cheryl Jenkins and Shawn Enterline).
- “Recommendations for Community-Based Energy Program Strategies”, Final Report, developed for the Energy Trust of Oregon, June 1, 2005 (with Dave Hewitt et al.)
- “Shareholder Incentives for Gas DSM: Experience with One Canadian Utility”, *Proceedings of ACEEE 2004 Summer Study Conference on Energy Efficiency in Buildings*, Volume 5 (with Kai Millyard).
- “Assessment of Economically Deliverable Transmission Capacity from Targeted Energy Efficiency Investments in the Inner and Metro-Area and Northwest and Northwest/Central Load Zones”, for Vermont Electric Power Company, Final Report: April 2003 (with John Plunkett et al.).
- “Energy Savings Potential from Addressing Residential Air Conditioner and Heat Pump Installation Problems”, American Council for an Energy Efficient Economy, February 1999 (with John Proctor and Steve Nadel).