

# William Steinhurst

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## PROFESSIONAL EXPERIENCE

**Synapse Energy Economics Inc.**, Cambridge, MA, *Senior Consultant*, July 2003 to Present

Provide consulting services to consumer advocates, environmental organizations, and utility regulators on power supply procurement, electric industry restructuring, green marketing, portfolio management, rate design, economic impacts of efficiency and renewable generation programs, and other utility and energy topics. Expert witness services and litigation advice. Co-authored reports, journal articles and conference presentations on portfolio management, energy efficiency programs, and electric reliability.

**Vermont Department of Public Service**, Montpelier, VT, *Director for Regulated Utility Planning*, 1986-2003

Responsible for preparation of Vermont's long range policy plans in the areas of electric utilities, energy and telecommunications, including oversight of research, modeling, public input processes, policy analysis and writing. Development of policy positions and drafting of legislation concerning utility resource planning, least cost provision of service, power supply acquisition, generation and transmission permitting, environmental costing, energy efficiency and alternative generation, utility restructuring and retail choice, distributed utility planning, rate setting and rate design, mergers, financing and acquisitions, decision analysis, power contract restructuring, Qualifying Facility contracts and permits, net metering, and other critical regulatory issues. Extensive expert testimony on those matters, as well as utility bankruptcy, prudence reviews, and critical utility policy matters. Extensive legislative testimony.

*Planning Econometrician*, 1981-1986

Energy demand forecasting, economic and demographic projections, economic and policy impact analysis, avoided cost estimates, and other quantitative analysis for utility and energy policy making. Development of State's basic policies regarding least cost planning and resource selection, including methodologies for evaluation of and program design for generation, transmission and demand-side options. Implementation of utility energy efficiency program requirements.

### ***Energy Consulting***

Illinois Energy Office, 1986.

Massachusetts Executive Office of Energy Resources, 1986.

Northern Technology, Inc., Gorham, NH, 1983-1985.

James River Corporation, Green Bay, WI, 1985.

Newfoundland Department of Natural Resources, 1995

## EDUCATION

Ph.D., Mechanical Engineering , University of Vermont, Burlington, VT, 1988

M.S., Statistics, University of Vermont, Burlington, VT, 1980

B.A., Physics, Wesleyan University, Middletown, CT, 1970