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# Paul R. Peterson

Senior Associate

Synapse Energy Economics

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## EMPLOYMENT

**Synapse Energy Economics Inc.**, Cambridge, MA. Senior Associate, March 2001 - present. Provide consulting services on a variety of energy and electricity related studies. Represent New England consumer advocate and environmental concerns in NEPOOL and ISO New England working groups. Monitor reliability and markets issues in PJM Interconnection on behalf of consumer advocate clients in DC, IL, OH, and PA. Participate in FERC proceedings on market design issues.

**ISO New England Inc.**, Holyoke, MA.

*Coordinator of Regulatory Affairs*, 2000 – 2001.

Coordinate regulatory activities with individual state public utility commissions, the New England Conference of Public Utilities Commissioners (NECPUC), and the Federal Energy Regulatory Commission (FERC). Assist the General Counsel on a variety of specific tasks and documents; draft letters and reports for the Chief Executive Officer.

*Public Information and Government Affairs*, 1998 – 1999.

Worked with all ISO-NE constituencies including NEPOOL Participants, regulatory agencies, and stakeholder groups in large-group and small-group formats. Developed and presented materials that described ISO-NE's functions, special projects (including Year 2000 rollover issues), and future evolution.

**Vermont Public Service Board**, Montpelier, VT.

*Policy Analyst*, 1997 - 1998.

Monitored House and Senate legislation on electric restructuring; helped coordinate the passage of Senate Bill S.62 in 1997. Coordinated the New England Conference of Public Utilities Commissioners (NECPUC) activities regarding NEPOOL restructuring; assisted in drafting documents to create an Independent System Operator (ISO) for New England. Worked on New England task forces to develop a model rule for electric disclosure projects for consumer information and regulatory compliance.

*Utilities Analyst*, 1990 - 1997.

Reviewed regulated utility filings for changes in rates; judicial Hearing Officer for contested cases on a wide range of topics; wrote all decisions regarding annual utility applications for Weatherization Tax Credits. Focused on integrated resource planning and electric industry restructuring; initial Hearing Officer for the Energy Efficiency Utility docket. Chaired the Staff Energy Committee of NECPUC.

**Energy Analysis**, Burlington, VT. Consultant, 1990.

Energy-efficiency program design and evaluation.

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**UVM Extension Service**, Burlington, VT.

*Area Energy Agent*, 1985 - 1990.

Performed tasks pursuant to an annual contract with Vermont Department of Public Service to conduct energy research, design energy efficiency programs and provide public education (see attached list of publications).

*Home Energy Audit Team (H.E.A.T.)*, 1978 - 1985.

Home energy audits; energy surveys for commercial, municipal, and non-profit buildings; energy education and information.

**The Close-Up Foundation**, Washington, D.C. Program Administrator, 1975 - 1978.

Directed weekly government studies program for 200 high school students and teachers; supervised a staff of fifteen; coordinated curriculum and logistical aspects of program.

## **EDUCATION**

**Admitted to Vermont Bar**, February 1992

**Western New England College School Of Law**, Springfield, MA.

Juris Doctor degree, cum laude, May 1990

American Jurisprudence Award: Remedies, 1989

Merit Scholarship recipient

Student Bar Association Representative

**Williams College**, Williamstown, MA

Bachelor of Arts degree, cum laude, June 1974

Political Science and Environmental Studies

Tyng Scholarship recipient

**National Judicial College**, Reno, NV

Administrative Hearings, Sept., 1994

Civil Mediation, March, 1996

Civil Mediation, July, 1997 (faculty assistant)

**American Inns of Court**, Northern Vermont Chapter

1995-1996, member

1996-1997, member

**Continuing Legal Education**, Vermont Bar Association

Americans with Disabilities Act, April 1992

Ethical Issues/Governmental Agencies, October 1992

Advance Medical Directives, May 1993

Family Law Workshop, September 1993

Negotiating Settlements, May 1994

Physician Assisted Suicide Symposium, October 1996

Electric Industry Restructuring, March 1999

Advance Medical Directives, May 1999

International Law Update, June 2000

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**UVM Continuing Education**, Brattleboro, VT  
Small Computer Course, Spring 1983  
Communications Workshops, Spring 1983 & Spring 1984

## **RECENT PUBLICATIONS AND TESTIMONY**

***Public Policy Impacts on Transmission Planning***, prepared for Earthjustice, by Paul Peterson, Vladlena Sabodash, Rachel Wilson, and Doug Hurley, December 21, 2010.

***Demand Response Potential in ISO New England's Day-Ahead Energy Market***, prepared for Massachusetts Office of the Attorney General, by Paul Peterson, Doug Hurley, and Vladlena Sabodash, October 11, 2010.

***Demand Side Resource Potential: A Review of Global Energy Partners' Report for Midwest ISO***, prepared for Project for Sustainable FERC Energy Policy, by Paul Peterson, Vladlena Sabodash, and Kenji Takahashi, September 3, 2010.

***Energy Market Savings from Price Responsive Demand Participation***, prepared for NEPOOL Clients in Alternative Resources and End User Sectors, by Paul Peterson and Vladlena Sabodash, November 24, 2009.

***Impact of PRD Participation in Day-Ahead Energy Market***, prepared for NEPOOL Clients in Alternative Resources and End User Sectors, by Paul Peterson, Doug Hurley, and Vladlena Sabodash, October 16, 2009.

***Synapse Report and Ohio Comments in Case No. 09-09-EL-COI, "The Value of Continued Participation in RTOs"***, prepared for Ohio Consumers' Counsel, by Paul Peterson, Ezra Hausman, Bob Fagan, and Vladlena Sabodash, May 26, 2009.

***Energy Efficiency in the PJM Capacity Market***, comments Before the Federal Energy Regulatory Commission (FERC), by Paul Peterson, January 9, 2009.

***An RPM Case Study: Higher Costs for Consumers, Windfall Profits for Exelon***: A study of the impacts of PJM's Reliability Pricing Model for the Illinois Citizens Utility Board, by Ezra Hausman, Paul Peterson, David White, and Bruce Biewald, October 18, 2005.

***Capacity Revenues for Existing, Base Load Generation in the PJM Interconnection: A Pennsylvania Case Study***: A report on the impacts of PJM's Reliability Pricing Model for the Pennsylvania Office of Consumer Advocate by Paul Peterson, David White, and Bruce Biewald, June 10, 2005.

***Capacity for the Future: Kinky Curves and Other Reliability Options***: A report on various approaches to pricing capacity resources for Northeast Consumer Advocate Offices, by Paul Peterson, David White, Amy Roschelle, and Bruce Biewald, December 20, 2004.

***FERC's Transmission Pricing Policy: New England Cost Impacts***: A report on the cost impacts of FERC's proposal to provide incentives to transmission owners through PL03-01-000

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for New England Consumer Advocate Offices, by Paul Peterson, David White, Nick Doolittle, and Amy Roschelle, September 29, 2003.

***The New England Experiment: An Evaluation of the Wholesale Electricity Markets:*** A report on the evolution of the New England electricity markets prepared for New England Consumer Advocate Offices by Paul Peterson, David White, Bruce Biewald, and Cliff Chen, June, 2003.

***Financial Insecurity: The Increasing Use of Limited Liability Companies and Multi-Tiered Holding Companies to Own Nuclear Power Plants:*** A Synapse Energy Economics, Inc. report prepared for the STAR Foundation and Riverkeeper, Inc., by David Schlissel, Paul Peterson, and Bruce Biewald, August 7, 2002.

***Best Practices in Market Monitoring:*** A Survey of Current ISO Activities and Recommendations for Effective Market Monitoring and Mitigation in Wholesale Electricity Markets, prepared for the Maryland OPC, the Pennsylvania OCA, the Delaware DPA, the New Jersey DRA and the OPC of DC, November 2001.

***The Other Side of Competitive Markets:*** Developing Effective Load Response in New England's Electricity Market, prepared for The Maine Department of Attorney General and the Maine Office of the Public Advocate, June 2001.

***Clean Air and Reliable Power:*** Connecticut HB 6365 Will Not Jeopardize Electric System Reliability, prepared for The Clean Air Task Force on behalf of The Connecticut Coalition for Clean Air, May 2001.

#### ***UNIVERSITY OF VERMONT EXTENSION SERVICE***

***Residential Construction Survey,*** Survey of Vermont new home construction for construction techniques, energy-efficient design, appliance loads, etc. 1986, 1989.

***Vermont Vacation Home Energy Study,*** Survey of vacation home energy consumption and impact on Vermont statewide electrical demand. 1989.

***Dairy Farm Energy Use,*** A detailed examination of electrical energy consumption on forty Vermont dairy farms to identify opportunities for improving energy-efficiency. 1987.

***Mobile Home Booklet,*** A fresh look at energy saving opportunities for mobile homeowners. Specific problems of cold climates are addressed. 1987.

***Dairy Farm Energy Project,*** Implemented \$400,000 grant from Vermont Department of Agriculture for installation of milk-cooling equipment that also produced hot water. 1989.

***Vocational Building Trades Instructors,*** Annual workshops on energy-efficient construction practices for the teachers of Vermont building trades students. Classroom presentations on selected topics. 1986 - 1989.

***Brattleboro Community Energy Education Project,*** Coordinated a Central Vermont Public Service Company funded project to promote energy-efficiency awareness through community programs. 1985.

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## **TESTIMONY**

State of Vermont Public Service Board (2006): Review of Vermont Transmission Planning Process (Docket No. 7081)

Town of Charlotte, VT (2006): Summary of VELCO Northwest Reliability Testimony Docket (No. 6860)

Office of Consumer Advocate of the Commonwealth of Pennsylvania (2006): Comments on the FERC Technical Conference on RPM (Docket ER05-1410)

Arkansas Public Utilities Commission (2006): Resource Planning Guidelines for Electric Utilities and Consideration of Sec. 111(d)(12) of the Energy Policy Act of 2005 (Docket No. 06-028-R)

Texas Public Utilities Commission (2004): Petition of Entergy Gulf States for Certification of an Independent Organization for the Entergy Settlement area in Texas (Docket No. 28818)

Rhode Island Energy Facilities Siting Board (2004): Narragansett Electric Company E-183 115kV Transmission Line Relocation Project (Docket No. SB-2003-1)

CT Siting Council (2003): CL&P Application for a Transmission Facility (Docket No. 217)

Arizona Corporations Commission (2002): APS Generic Proceeding on Electric Restructuring (Docket No. E-00000A-02-00051)

Nevada Public Utilities Commission (2002): NPC Wholesale Markets Cost Recovery (Docket No. 01-11029)

## **PROFESSIONAL CONFERENCES**

**Federal Energy Regulatory Commission Conference**, Philadelphia, PA. March 2001.

**National Association Of Regulatory Utility Commissioners**, Washington, DC. 1998 - 2000

**Advanced Integrated Resource Planning Seminar**, Berkeley, CA 1995

**ACEEE Summer Study**, Pacific Grove, CA 1992 & 1994

**1991 DOE Low-Level Radioactive Waste Conference**, Atlanta, GA

Resume dated May 2011.