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# Doug Hurley

Senior Associate

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## PROFESSIONAL EXPERIENCE

**Synapse Energy Economics Inc**, Cambridge, MA. Senior Associate, October 2011 – present; Associate July 2008 – October 2011; Research Associate, April 2004 – July 2008.

Assist clients in navigating the complex labyrinth of RTO market rules, especially regarding reliability assessments for coal-fired power plants and participation of energy efficiency and distributed generation in wholesale capacity markets. Analyze and report the benefits of demand resource participation in wholesale capacity markets. Currently serving as vice-chair of NEPOOL's Alternative Resources sector. Maintain our End User and AR Sector clients' interests at ISO-NE and PJM stakeholder meetings. Estimate and prepare expert testimony on avoided costs of energy and capacity for PURPA Qualifying Facilities. Analyze economic dispatch models and prepare expert testimony for regulatory proceedings. Analyze economic and environmental implications of renewable portfolio standards and clean energy policy scenarios. Investigate electricity market price trends and fluctuations.

**Massachusetts Inst. of Technology**, Cambridge, MA. Consultant, 2002 - 2003.

Redesigned and renovated database for applicant information and reporting for the Department of Economics.

**Outward Bound**, On Thompson Island in Boston Harbor, MA. Instructor, 2001 – present.

Led both multi-day youth courses for Outward Bound and one-day adult courses for Outward Bound Professional. Youth courses focused on character development for teenage boys and girls. Adult courses focused on team building for departments and entire corporations with emphasis on effective communication, rapid consensus-building, and courageous leadership.

**Logictier, Inc.**, San Mateo, CA. West Coast Research & Development, 2000 - 2001.

Led the West Coast R&D team of this Web Hosting company. Helped to grow the fledging company from 25 to 150 people, and the R&D group from a team of 2 to a department of 10.

**Ernst & Young**, Tyson's Corner, VA. Consultant, 1992 - 1999.

Consulted to a number of Fortune 500 companies and public service organizations in various industries. Issues regarded information acquisition, network and application strategies, and database design, development, and deployment. Led teams of up to 10 people. Major clients included PSE&G of New Jersey, Public Service Company of Colorado, Coca Cola, Honda, Reebok, Lotus Development Corp., AmSouth Bank, Kaiser-Permanente, and OntarioHydro.

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## **EDUCATION**

**Cornell University**, Ithaca, NY. 1988-1992.

B.S. in Electrical Engineering, received May 1992.

## **PUBLICATIONS**

- “Public Policy Impacts on Transmission Planning.” December 2010.
- “Demand Response Potential in ISO New England’s Day-Ahead Energy Market”  
October 2010.
- “Impact of Impact of PRD Participation in Day-Ahead Energy Market.” Prepared for  
NEPOOL Clients in Alternative Resources and End User Sectors, October 2009.
- “Cost and Benefits of Electric Utility Energy Efficiency in Massachusetts.” August 2008.
- “Prime Time for Efficiency.” Public Utilities Fortnightly. June 2008.
- “Incorporating Demand Resources in the PJM Reliability Pricing Model”. Prepared for the  
Office of the Ohio Consumers’ Counsel, Pennsylvania Office of Consumer Advocate, Office  
of the People’s Counsel for the District of Columbia, EnerNOC, and Conservation Services  
Group. February 2008.
- “ISO New England Scenario Analysis Companion Report – Constructing a Future that Meets  
Regional Goals.” Prepared for Conservation Law Foundation and Northeast Energy  
Efficiency Partnerships. August 2007.
- “Demand Resources in the New England Forward Capacity Market,” Presentation by Paul  
Peterson and Doug Hurley at the ACEEE and CEE National Symposium on Market  
Transformation, March 2007.
- “Options for State Funded Energy Efficiency Programs in the Forward Capacity Market,”  
November 2006.
- “Incorporating Energy Efficiency into the ISO New England Forward Capacity Market:  
Ensuring the Capacity Market Properly Values Energy Efficiency Resources,” prepared for  
Conservation Services Group, June 2006.
- “Update on New England's Demand Response Programs,” January 2006.

Resume dated December 2010.