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# Doug Hurley

Associate

Synapse Energy Economics

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## PROFESSIONAL EXPERIENCE

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

Analyze and report the benefits of demand resource participation in wholesale capacity markets. Maintain our End User and AR Sector clients' interests at ISO-NE and PJM stakeholder meetings. Contrast various OATT filings. 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 a group of Microsoft Access databases for applicant information and reporting.

**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 this fledging company from 25 to 150 people, and the R&D group from a team of 2 to a department of 10. Set the technology direction for the company.

**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.

## EDUCATION

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

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

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## PAPERS

- “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 February 2010.