
Lauri A. Mancinelli

Research Associate
Synapse Energy Economics
22 Pearl Street, Cambridge, MA 02139
(617) 661-3248 • fax: (617) 661-0599
www.synapse-energy.com
lmancinelli@synapse-energy.com

PROFESSIONAL EXPERIENCE

Synapse Energy Economics Inc., Cambridge, MA. Research Associate, March 2009 – present. Performs consulting, conducts research and analysis, and contributes to testimony and reports on a wide range of issues including the consumer impacts of cap-and-trade policies, smart-meter integration, transmission system upgrades, and standard offer supply procurement. Recent project work includes applying financial cash flow and discounting methods in the valuation of a hydroelectric facility and assisting in advising the Vermont state legislature on issues related to the relicensing of the Vermont Yankee Nuclear Power Station.

CRA International, Cambridge, MA. Consulting Associate, August 2007 – November 2008. Provided analytical services to electric sector clients using proprietary North American Electricity and Environmental Model (NEEM) to generate simulations of the electric sector under various environmental policy scenarios. Synthesized and analyzed state and federal renewable source and transmission policies to advise clients on renewable interconnection strategies.

United States Environmental Protection Agency, Durham, NC. Environmental Scientist, Atmospheric Protection Branch, Summer 2006. Reviewed energy demand data used in the EPA National MARKAL Model database and researched new methodologies for updates. Tested and applied new methodologies and provided extensive documentation.

Public Consulting Group, Boston, MA. Schools Specialist, 2004 – 2005. Coordinated implementation of database systems for 15 Massachusetts school districts. Managed client relations with 20 Massachusetts districts and the School District of Philadelphia. Communicated client needs to programming staff. Wrote and edited software manuals and marketing proposals. Trained large groups of education personnel on system usage.

NERA Economic Consulting, Boston, MA. Analyst, 2000 – 2004. Provided research and quantitative analysis to support economists in the preparation of expert testimony, journal articles, and other legal, academic, and industrial deliverables. Research areas included the software, hardware, payment card, and tobacco industries, asbestos damage payments and labor suits.

EDUCATION

Duke University, Nicholas School of the Environment and Earth Sciences, Master of Environmental Management, Durham, NC, 2007.

Concentration in Environmental Economics and Policy with a focus on Cost-benefit analysis, regression analysis, project evaluation, policy analysis, and energy modeling. Master's project on contractual environmental risk sharing in the Oyu Tolgoi mining project, Mongolia.

Heintzelman Family Merit Scholarship.

Bates College, Bachelor of Arts in Economics, Lewiston, ME, 2000.

cum laude and Deans' List all semesters. Senior thesis evaluating Massachusetts open-enrollment school choice program.

OTHER EXPERIENCE

CRA International, Cambridge, MA, Green Office Initiative Representative, 2008.

Duke University, Nicholas School of the Environment and Earth Sciences, Durham, NC, Statistics Teaching Assistant, Fall 2006.

Bates College, Lewiston, ME, Economics Teaching Assistant and Tutor, 1998-2000, Entertainment Director, Chase Hall Committee, 1998-2000.

Morgan Stanley, Danvers, MA, Administration and Operations Assistant, summer 1999.

SKILLS AND ACCOMPLISHMENTS

Extensive writing skills and experience.

Conversational German.

Statistical Analysis skills using R and Stata.