
Anna Sommer

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Inc., Cambridge, MA. Research Associate. June 2003 - Present. Consulting on economic analysis of technologies and policies, electric policy modeling, evaluation of air emissions of electricity generation, and other topics including energy efficiency, consumer advocacy, environmental compliance and technology strategy within the energy industry.

EFI/Xenergy (now KEMA Consulting, Inc.), Burlington, MA. Intern, September 2000 – May 2003. Co-authored three regional sections in a nationwide annual review of regional transmission organizations (RTOs). Researched and wrote client reports and intra-company memos about various energy technologies such as wind, solar, geothermal, fuel cells and ethanol. Interviewed energy stakeholders and experts in order to answer client policy and legislative questions. Wrote sections of a guidebook on utility, local, state and federal incentives for renewable energy.

Zilkha Renewable Energy (now Horizon Wind Energy), Houston, TX. Intern, May - August 2002. Authored comprehensive strategy for developing wind power projects on federal lands in eight states, including legislation, financial incentive, wind resource, transmission and public support overviews. “Wind prospected” possible sites for wind farms throughout the western United States. Identified and monetized value of renewable energy attributes as part of power supply bids to utilities.

EDUCATION

Tufts University, BS in Economics and Environmental Studies, Medford, MA, 2003.

Harvard University Extension School, graduate level course in Corporate Finance, Spring 2005.

ONGOING PROJECT WORK

- Evaluating an Energy Efficiency Collaborative Process in the District of Columbia
- Integrated Resource Planning and Portfolio Management in Ohio
- Integrated Resource Planning for Tallahassee Utilities.
- Advising Electric Utility on Carbon Dioxide Regulation.

TESTIMONY AND COMMENTS

North Carolina Utilities Commission (Docket No. E-7, Sub 790) – Ongoing

Evaluation of a proposal by Duke Energy Carolinas to build two new supercritical pulverized coal plants including consideration of greenhouse gas regulation and alternatives to the plant. such as energy efficiency.

South Dakota Public Utilities Commission (Docket No. EL05-022) – July 2006

Evaluation of a proposal by seven utilities to build a new supercritical pulverized coal plant including alternatives to the plant and potential for greenhouse gas regulation.

Wisconsin Public Service Commission (Docket #6685-CE-108) – February 2006

Evaluating Wisconsin Public Power Inc.'s request for approval of a Certificate of Authority to exercise its option to own a portion of Prairie State Energy Campus, a supercritical pulverized coal plant.

REPORTS

Ensuring Delaware's Energy Future: A Response to Executive Order No. 82, prepared by the Delaware Cabinet Committee on Energy with technical assistance at Synapse Energy Economics from William Steinhurst, Bruce Biewald, David White, Kenji Takahashi, Alice Napoleon, Amy Roschelle, Anna Sommer and Ezra Hausman. March 8, 2006.

Mohave Alternatives and Complements Study: Assessment of Carbon Sequestration Feasibility and Markets, a Sargent & Lundy and Synapse Energy Economics, Inc. report prepared for Southern California Edison by Anna Sommer and William Steinhurst. February 2006.

Potential Cost Impacts of a Renewable Portfolio Standard in New Brunswick, prepared by Tim Woolf, David White, Cliff Chen and Anna Sommer for the New Brunswick Department of Energy. October 2005.

Considering Climate Change in Electric Resource Planning: Zero is the Wrong Carbon Value, a Synapse Energy Economics, Inc. report prepared by Lucy Johnston, Amy Roschelle, Ezra Hausman, Anna Sommer and Bruce Biewald. September 20, 2005.

Potential Cost Impacts of a Vermont Renewable Portfolio Standard, a Synapse Energy Economics, Inc. report prepared for the Vermont Public Service Board, by Tim Woolf, David E. White, Cliff Chen, and Anna Sommer. October 16, 2003.

Estimating the Environmental Benefits of Renewable Energy and Energy Efficiency in North America: Experience and Methods, a report for the Commission for Environmental Cooperation, by Geoffrey Keith, Bruce Biewald, Anna Sommer, Patrick Henn, and Miguel Breceda, September 22, 2003.

Comments on the RPS Cost Analyses of the Joint Utilities and the DPS Staff, a Synapse Energy Economics, Inc. report prepared for the Renewable Energy Technology and Environment Coalition, by Bruce Biewald, Cliff Chen, Anna Sommer, William Steinhurst, and David E. White. September 19, 2003.

Cleaner Air, Fuel Diversity and High-Quality Jobs: Reviewing Selected Potential Benefits of an RPS in New York State, a Synapse Energy Economics, Inc. report prepared for the Renewable Energy Technology and Environment Coalition, by Geoff Keith, Bruce Biewald, David White, Anna Sommer and Cliff Chen. July 28, 2003.

PRESENTATIONS AND ARTICLES

“Electricity Supply Prices in Deregulated Markets – The Problem and Potential Responses.” A presentation at the NASUCA Mid-Year Meeting with Rick Hornby and Ezra Hausman. June 13, 2006.

“IGCC: A Public Interest Perspective.” A presentation at the Electric Utilities Environmental Conference 2006. January 24, 2006.

Woolf, Tim, Anna Sommer, John Nielsen, David Barry and Ronald Lehr. “Managing Electric Industry Risk with Clean and Efficient Resources,” The Electricity Journal, Volume 18, Issue 2, March 2005.

Woolf, Tim and Anna Sommer. “Local Policy Measures to Improve Air Quality: A Case Study of Queens County, New York,” Local Environment, Volume 9, Number 1, February 2004.

INVESTIGATIONS

United States Federal Court of Claims (Nos. 99-447C and 03-2626C) – Ongoing

Evaluation of Boston Edison’s claim of negative impacts to the purchase price of Pilgrim nuclear station resulting from the DOE’s failure to begin accepting spent nuclear fuel on or about January 31, 1998.

Public Utilities Commission of Nevada (Docket No. 06-030) – Ongoing

Evaluation of Nevada Power Company’s demand side-management (DSM) portion of its integrated resource plan.

Nova Scotia Utility and Review Board (P-128.05) – May 2006

Evaluation of Nova Scotia Power Inc.’s proposal to install Low NOx Combustion Firing Systems and a common Flue Gas Desulfurization Unit on its coal-fired power plants.

Indiana Utility Regulatory Commission (Cause No. 42873) – March 2006

Issues regarding the proposed merger of Duke Energy and Cinergy, Inc. including compliance with DSM goals in previous mergers.

Indiana Utility Regulatory Commission (Cause No. 42861) – March 2006

Issues regarding Vectren Energy’s proposal to install emission controls for SO₂, NO_x, PM and Hg including compliance with present and future emissions regulations and planning analysis.

Utah Public Service Commission (Docket No. 05-035-54) – November 2005

Issues regarding the acquisition of PacifiCorp by MidAmerican Energy Holdings Company including underinvestment in grid infrastructure, environmental compliance with air regulations and investment in IGCC.

Iowa Utilities Board (Docket No. SPU-05-15) – November 2005

Evaluation of proposed sale of the Duane Arnold nuclear power plant from Interstate Power & Light to FPL.

Arkansas Public Utilities Commission (Docket No. 05-042-U) – August 2005

Issues regarding the purchase of Wrightsville, a gas-fired power plant, by Arkansas Electric Cooperative including appropriateness and reasonableness of the purchase.

Indiana Utility Regulatory Commission (Cause No. 42718) – May 2005

Issues regarding PSI Energy's proposal to install \$1.4 billion in control technologies for SO₂, NO_x and Hg including rate of return on investment, analysis of emissions regulation risk, scenario planning, estimates of control technology cost and equity of plan to ratepayers.

Nuclear Regulatory Commission (Docket No. 52-007) – April 2005

Issues regarding Exelon Generation's petition for early site permit approval for a baseload nuclear generating facility in Illinois including the Company's analysis of alternatives.

Georgia Public Service Commission (Docket No. 18300-U) – February 2005

Georgia Power Company rate case involving issues of cost allocation and consideration of public benefits in rate-making for the Metropolitan Atlanta Rapid Transit Authority.

Indiana Utility Regulatory Commission (Cause No. 42612) – November 2004

Evaluation of PSI Energy's plan to offer demand side management (DSM) programs to its customers including issues of program scope, funding, lost revenue recovery, shared savings incentive recovery, and third-party administration issues.

California Public Utilities Commission (Rulemaking 04-04-003) – August 2004

Issues in the San Diego Gas & Electric, Pacific Gas & Electric and Southern California Edison long-term resource plans including modeling the cost of carbon regulation, modeling of renewables, scenario planning and debt equivalency.

Texas Public Utility Commission (Docket No. 29526) – June 2004

Issues in CenterPoint Energy Houston Electric LLC's true up filing, including environmental cleanup costs, excess mitigation credits, and construction work in progress.

PROFESSIONAL MEMBERSHIPS

- Air & Waste Management Association

Resume dated October 2006.