

Avi Allison, Associate

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Inc., Cambridge, MA. *Associate*, September 2015 – present.

Provides consulting and researching services and assists in writing testimony and reports on a wide range of issues related to the electric industry.

EMI Consulting, Seattle, WA. *Intern*, Summer 2014.

Conducted research in support of energy efficiency program evaluations and energy policy planning projects for utility and governmental clients.

- Processed and analyzed data on energy consumption, energy bills, and client experience using Python, R, and SPSS scripts
- Wrote memoranda assessing the justification for governmental clean energy programs
- Investigated business opportunities for evaluating novel energy efficiency and renewable energy incentive programs

Yale Center for Environmental Law & Policy, New Haven, CT. *Research Assistant*, 2013—2015.

- Gathered, analyzed, and cleaned data used to create an international, comparative Environmental Performance Index
- Wrote section on the relationship between wastewater treatment and greenhouse gas emissions in the 2014 EPI report

Earthjustice, New York, NY. *Litigation Assistant*, 2011—2013.

Assisted ten attorneys across three practice groups in support of public interest impact litigation focused on climate change mitigation and environmental health threat reduction.

- Used GIS software to conduct statistical analyses of the potential disproportionate impacts of polluting facilities on low-income communities and communities of color
- Conducted factual research and wrote memoranda on natural gas drilling developments, industrial agriculture runoff, lead pollution, and other topics related to environmental health and energy casework

Sightline Institute, Seattle, WA. *Research Intern*, Summer 2009.

- Researched and analyzed the environmental effects of alternative types of zoning schemes

EDUCATION

Yale University, New Haven, CT

Master of Environmental Management; Specialization in Energy, 2015

Columbia University, New York, NY

Bachelors of Arts in Economics; Concentrations in Sustainable Development and Latin American Studies, 2011, *Summa Cum Laude*

PUBLICATIONS

Knight, P., P. Luckow, B. Biewald, A. Horowitz, A. Allison, F. Ackerman. 2017. *New England's Shrinking Need for Natural Gas: An analysis of policy impacts on natural gas use in New England's electric sector*. Synapse Energy Economics for the Connecticut Fund for the Environment, Consumers for Sensible Energy, Mass Energy Consumers Alliance, Pipe Line Awareness Network for the Northeast, Sierra Club Connecticut, and Sierra Club Massachusetts.

Comings, T., A. Allison. 2017. *More Mileage for Your Money: Fuel Economy Increases While Vehicle Prices Remain Stable*. Synapse Energy Economics for Consumers Union.

Cook, R., J. Koo, N. Veilleux, K. Takahashi, E. Malone, T. Comings, A. Allison, F. Barclay, L. Beer. 2017. *Rhode Island Renewable Thermal Market Development Strategy*. Meister Consultants Group and Synapse Energy Economics for Rhode Island Office of Energy Resources.

Fisher, J., P. Luckow, A. Horowitz, T. Comings, A. Allison, E.A. Stanton, S. Jackson, K. Takahashi. 2016. *Michigan Compliance Assessment for the Clean Power Plan: MPSC/MDEQ EPA 111(d) Impact Analysis*. Prepared for Michigan Public Service Commission, Michigan Department of Environmental Quality, and Michigan Agency for Energy.

Comings, T., Allison, A., Ackerman, F. 2016. *Consumer Savings from 2025 Corporate Average Fuel Economy Standards (CAFE)*. Synapse Energy Economics for Consumers Union.

Stanton, E. A., P. Knight, A. Allison, T. Comings, A. Horowitz, W. Ong, N. R. Santen, K. Takahashi. 2016. *The RGGI Opportunity 2.0: RGGI as the Electric Sector Compliance Tool to Achieve 2030 State Climate Targets*. Synapse Energy Economics for Sierra Club, Pace Energy and Climate Center, and Chesapeake Climate Action Network.

Stanton, E. A., P. Knight, A. Allison, T. Comings, A. Horowitz, W. Ong, N. R. Santen, K. Takahashi. 2016. *The RGGI Opportunity: RGGI as the Electric Sector Compliance Tool to Achieve 2030 State Climate Targets*. Synapse Energy Economics for Sierra Club, Pace Energy and Climate Center, and Chesapeake Climate Action Network.

Horowitz, A., S. Jackson, A. Allison, E. A. Stanton. 2015. *Environmental Justice and the Clean Power Plan*. Synapse Energy Economics for The Energy Foundation.

Vitolo, T., M. Chang, T. Comings, A. Allison. 2015. *Economic Benefits of the Proposed Coolidge Solar I Solar Project*. Synapse Energy Economics for Coolidge Solar I, LLC.

Knight, P., A. Allison, E.A. Stanton. 2015. Preliminary Clean Power Plan Analysis for Kentucky. Synapse Energy Economics for Kentuckians for the Commonwealth.

Knight, P., A. Allison, W. Ong, N. R. Santen, E. A. Stanton. 2015. *Cutting Electric Bills with the Clean Power Plan*. Synapse Energy Economics.

TESTIMONY AND EXPERT COMMENTS ASSISTANCE

State of New York Public Service Commission (Case 16-M-0411): Primary contributor to the comments and reply comments filed by Natural Resources Defense Council, Pace Energy & Climate Center, Solar Energy Industries Association, and Vote Solar in response to the Initial Distributed System Implementation Plans and Supplemental Distributed System Implementation Plans submitted by New York's investor-owned electric utilities. September 12 and September 26, 2016. January 9 and January 23, 2017.

Resume dated April 2017