

Jackie Litynski, Associate

Synapse Energy Economics | 485 Massachusetts Avenue, Suite 3 | Cambridge, MA 02139 | 617-973-1715
jlitynski@synapse-energy.com

PROFESSIONAL EXPERIENCE

Synapse Energy Economics Inc., Cambridge, MA. *Associate*, May 2022 – Present, *Research Associate*, October 2020 – May 2022

- Consults on energy-sector issues, including gas and electric rate impacts from electrification, the future of natural gas, emissions impacts of fossil fuel projects, wholesale markets, marginal emissions rate modeling, electric vehicle policies and adoption modeling, and the social cost of carbon.
- Co-developed an Excel-based model to analyze gas and electric customer rate and utility financial impacts of electrification.
- Uses ArcGIS and Python skills together to efficiently analyze optimal solar siting locations.
- Leads NEPOOL team, representing end user and alternative resources sector clients in the New England wholesale electricity markets stakeholder group. Has focused primarily on issues related to winter reliability, market design, and asset condition projects.

E.E. Johnson Consulting, LLC., Chapel Hill, NC. *Research Assistant*, July – September 2020

- Analyzed proportion of renewable energy programs that directly impact low-income individuals and disadvantages groups for UNC Chapel Hill Assistant Professor Evan Johnson.

New York State Energy Research and Development Authority, Albany, NY. *Standards and Quality Assurance Intern*, Summer 2019

- Supported supervising staff to ensure proper project inspections and allocation of funding.
- Refined, migrated, and visualized data sets to monitor project success, inspector trends, and ensure funding guideline compliance.
- Designed new reporting method to display issue areas and inform trainings.
- Presented project findings to NYSERDA Executive team.

EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC

Bachelor of Science in Environmental Science: Quantitative Energy Systems Track, with a second major in Public Policy, *With Highest Distinction*, 2020

Arava Institute for Environmental Studies, Kibbutz Ketura, Israel

Completed coursework in ArcGIS, Environmental Mediation & Conflict Resolution, Environmental Policy, and Research Methodology. Fall 2019

SKILLS

AVERT, Python, ArcGIS Pro, QGIS, Cobra, EnCompass, EV-REDI, Stata, Calculus, PostgreSQL, Salesforce, Microsoft Office Suite

PUBLICATIONS

Frost, J., J. Litynski, S. Chavin, P. Silva. 2023. *The Impact of Resource Inflexibility on Capacity Accreditation in New England*. Synapse Energy Economics for Sierra Club.

Knight, P., O. Griot, J. Litynski, E. Carlson, J. Smith, E. Sinclair, S. Kwok) and Climable.org (Stevenson-Zepeda, J., S. Kelly). 2022. *Technical Potential of Solar in Massachusetts Study*. Synapse Energy Economics and Climable.org for Massachusetts Department of Energy Resources.

Litynski, J., E. Carlson, P. Knight, J. Taberbero. 2023. *Gibbstown LNG Export Terminal: Lifecycle GHG Emissions Analysis*. Synapse Energy Economics for Delaware Riverkeeper Network.

Hopkins, A. S., A. Napoleon, J. Litynski, K. Takahashi, J. Frost, S. Kwok. 2022. *Climate Policy for Maryland's Gas Utilities: Financial Implications*. Synapse Energy Economics for Maryland Office of the People's Counsel.

Kwok, S., K. Takahashi, J. Litynski, A. S. Hopkins. 2022. Memo: Massachusetts DPU Docket-2080: Proposed "Common Regulatory Framework." Synapse Energy Economics for Conservation Law Foundation.

Hopkins, A. S., S. Kwok, J. Litynski, A. Napoleon, K. Takahashi. 2022. Memo: Evaluation of Draft Consultant Reports in Massachusetts DPU Docket 20-80. Synapse Energy Economics for Conservation Law Foundation.

Frost, J., P. Knight, J. Litynski, O. Griot, J. Smith. 2022. *Transforming Transportation in North Carolina*. Synapse Energy Economics on behalf of the Sierra Club.

Freidman, E., C. Snyder, M. Broussard, J. Kallay, J. Litynski, C. Lane, P. Knight, J. Frost. 2022. *Massachusetts Offers Rebates for Electric Vehicles (MOR-EV) Cost-Effectiveness Study*. Synapse Energy Economics for Massachusetts Department of Energy Resources.

Hopkins A. S., P. Eash-Gates, J. Frost, S. Kwok, J. Litynski, K. Takahashi. "Decarbonization of Buildings." In *San Diego Regional Decarbonization Framework*, edited by SDG Policy Initiative, School of Global Policy and Strategy, University of California San Diego. March 2022.

Synapse Energy Economics, Resource Insight, Les Deman Consulting, Northside Energy, Sustainable Energy Advantage. 2021. *Avoided Energy Supply Components in New England: 2021 Report*. Synapse Energy Economics for AESC 2021 Study Group.

Wilson, R., I. Addleton, K. Takahashi, J. Litynski. 2021. *Clean, Affordable, and Reliable: A Plan for Duke Energy's Future in the Carolinas*. Synapse Energy Economics for North Carolina Sustainable Energy

Association, Carolinas Clean Energy Business Alliance, Southern Alliance for Clean Energy, Natural Resources Defense Council and the Sierra Club.

Frost, J., J. Litynski, S. Letendre, A. S. Hopkins. 2021. *Economic Impacts of Climate Change on Cape Cod*. Synapse Energy Economics for Eastern Research Group and the Cape Cod Commission.

Bhandari, D., M. Chang, P. Eash-Gates, J. Frost, S. Letendre, J. Litynski, C. Roberto, A. Takasugi, J. Taberner. R. Wilson. 2021. *Exelon Illinois Nuclear Fleet Audit*. Synapse Energy Economics for Illinois Environmental Protection Agency.

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