

Woodydyne Dejeanlouis, Research Associate II

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Inc., Cambridge, MA. *Research Associate II*, October 2024 – Present; *Research Associate*, September 2023 – October 2024.

- Consults on energy-sector issues, including utility performance-based regulation, grid modernization, rate design, and state and federal climate policy.
- Supports the development of technical reports, testimony, and comments on utility rate making, and evaluation of utility performance.
- Monitors capacity auction reform, transmission, and reliability issues within the New England Power Pool (NEPOOL), as well as ongoing discussion in New England wholesale markets.
- Attends stakeholder meetings and represents consumer advocate client interests through NEPOOL and ISO New England Wholesale Markets.

BW Research Partnership, Wrentham, MA, *Research Analyst Intern*, June 2023- August 2023

- Researched and monitored federal and state climate policy developments and innovative decarbonization technologies.
- Analyzed Excel-based spreadsheet data to conduct cost analyses for renewable technology procurement and analyzed clean energy employment and workforce data.
- Wrote technical reports for project managers on state compliance with clean energy policies, community benefits agreements, and ensuring an equitable clean energy transition by improving disadvantaged communities' access to clean energy resources.

Massachusetts Clean Energy Internship Program, Boston, MA, *Clean Energy Intern*, June 2023- August 2023

- Attended weekly discussions to build networks with leading organizations and industries in the clean energy sector.
- Engaged in discussions on emerging clean energy technologies, recent state and federal climate policy, and clean energy workforce development.
- Attended professional development workshops and trainings to build soft skills to navigate the clean energy workforce.

Emmett Environmental Law and Policy Clinic Harvard Law School, Cambridge, MA, *Research Associate Intern* September 2020 – December 2020

- Conducted policy analysis and researched new technologies to find innovative ways to address food waste in marginalized communities.

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- Conducted economic analysis to determine costs and return on investments for two alternative technology clean energy projects in marginalized communities.

School for Field Studies, Atenas Costa Rica, *Field Research Intern*, June 2019 – August 2019

- Researched and modeled the impacts of climate change on Costa Rica’s protected rainforest and habitat biodiversity.
- Wrote technical reports and conducted field research to identify sustainable strategies for small-scale farms to increase business profits.

EDUCATION

Harvard University, Cambridge, MA: B.A. in Environmental Science and Engineering, 2023

SKILLS

Proficient in Microsoft Office Suite, some Python, STATA, MATLAB

PUBLICATIONS

Shenstone-Harris, S., C. Mattioda, A. Fuzaylov, W. Dejeanlouis, B. Fagan. 2025. *Drivers of PJM’s Capacity Market Price Surge and its Impacts on Electricity Consumers in the District of Columbia*. Synapse Energy Economics of the Office of the People’s Counsel for the District of Columbia.

Borden, E., S. Chavin, W. Dejeanlouis, C. Mattioda, A. Zeng, A. Glaser Schoff. 2025. *Assessment of Storage Procurement Mechanisms and Cost-Effectiveness in Maine*. Synapse Energy Economics for the Maine Governor’s Energy Office.

Glaser Schoff, A., B. Havumaki, E. Borden, T. Nguyen, W. Dejeanlouis, K. Schultz. 2024. *Community Solar Garden Study, 2024*. Synapse Energy Economics with Great Plains Institute and the National Association of State Energy Offices for the Minnesota Commerce Department.

Yuang, C., M. Whited, T. Nguyen, S. Schadler, R. Anderson, W. Dejeanlouis, C. Palmer, C. Mattioda, A. Glaser Schoff, S. Koester, J. Hittinger, P. Eash-Gates. 2024. *Utility Engagement Playbook for Industrial Customers: Addressing Power Sector Barriers to Electrification*. Synapse Energy Economics and World Wildlife Fund for Renewable Thermal Collaborative.

Dejeanlouis, W., Gyalmo, T., Glaser Schoff, A., Borden, E., 2024. *Minnesota Hosting Capacity Synthesis Report: Summary of Party Positions and Identification of Knowledge Gaps in Proceedings to Address the Publication of Hosting Capacity Data and Related Maps*. Synapse Energy Economics for the Minnesota Department of Commerce.

Dejeanlouis, W., 2025. *Understand Your Utility Bill: How Electricity Costs Reflect a Changing Grid*.

Resume updated April 2025