Jack Green, Research Associate II

Synapse Energy Economics I 485 Massachusetts Avenue, Suite 3 I Cambridge, MA 02139 I 617-453-7040
jgreen@synapse-energy.com

PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Cambridge, MA. *Research Associate II*, March 2026 - present.

- Consults on energy-sector issues including energy-efficiency and demand-response portfolios, non-pipes alternatives, thermal energy networks, distributed generation, building decarbonization, and renewable portfolio standards.
- Assists in developing testimony and comments in dockets regarding rate requests, load forecasts, integrated resource planning, and distributed energy resource programs.

United States Department of Energy, Providence, RI. *Energy Innovator Fellow at the Rhode Island Office of Energy Resources (RI OER)*, August 2024 – February 2026.

- Building Performance Standards and Benchmarking: Authored two legislative reports on statewide building benchmarking and performance standards; presented to Climate Council, advised Governor's office, and guided State-facility implementation.
- Demand Response: Completed a stalled grocery-store refrigeration pilot by standardizing two years of results across 21 stores and delivering a 40-page analysis with that refuted model-hypothesized heat-wave performance degradation.
- Energy Efficiency: Enhanced RI's ratepayer efficiency program through analysis of benefit-cost inputs, winning new heat-pump measure for window-AC replacements.
- Energy Storage: Researched and designed the Office's rebate program from the ground up, including incentive framework and impact modeling, application, and literature.

New York City Department of Housing Preservation and Development, New York, NY. *Sustainability/Homeownership & Shared Equity Intern*, June 2023 – July 2023.

- Future Housing Initiative: Enabled timely grant-making by centralizing and automating scoring for a legally complex joint-agency new-construction electrification pilot.
- Affordable Neighborhood Cooperative Program (ANCP): Helped save program from cancellation by reducing misinformation through a rewritten and expanded FAQ.

ENTOUCH Controls. *Environmental, Social, and Governance (ESG) Reporting Research Intern*, June 2022 – August 2022.

EDUCATION

Princeton University, Princeton, NJ

BA in Public Policy - Princeton School of Public & International Affairs, 2024

PUBLICATIONS

Green, J., A. Glaser Schoff, B. Havumaki, S. Sharaf, K. Takahashi. 2026. *Evidence Regarding Nova Scotia Power's 2026 Load Forecast.* Prepared for the Nova Scotia Utility and Review Board

Senate Resolution 1161: Office of Energy Resources Report on Building Energy Benchmarking. 2026. Prepared by the Rhode Island Office of Energy Resources.

Green, J. 2025. *Cold Storage, Heating Up: The Layered Value of Grocery-Store Refrigeration-Based Demand Response: Final Technical Report.* Rhode Island Office of Energy Resources.

Joint Resolution 7617 Substitute A: Executive Climate Change Coordinating Council Report on Building Energy Benchmarking and Performance Standards. 2025. Prepared by the Rhode Island Office of Energy Resources.

SKILLS

Microsoft Office Suite, Python, R, QGIS, ArcGIS, Affinity Suite, Rhino, Qualtrics

Resume updated August 2026