Aidan Glaser Schoff, Senior Associate

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics Inc., Cambridge, MA. *Senior Associate*, Apr 2025–Present; *Associate*, Jun 2023–Apr 2025

- Analyzes electric utility grid planning and modernization proposals with particular attention to distributed energy resources, grid modernization, and energy policy goals.
- Assesses economic incentives of various types of utility ratemaking models, including traditional cost of service studies, cost trackers, multi-year rate plans, and performance incentive mechanisms.
- Supports colleagues in the preparation of expert testimony, comments, and models related to load forecasting, grid modernization, utility regulation, and net energy metering.

Christensen Associates, Madison, WI. *Staff Economist,* Nov 2021–May 2023

- Conducted surveys of American and Canadian utility tariffs covering residential, industrial, and electric vehicle rates.
- Conducted background regulatory research and helped craft memos covering performance-based regulation (PBR) in North America.
- Prepared workbooks for calculating an X-factor from peer groups of utilities.
- Evaluated the load impact of voluntary residential time-of-use and critical peak pricing programs for San Diego Gas & Electric for program years 2021 and 2022.
    - Wrangled hourly load and characteristic data of 45,000 customers over two years.
    - Updated interactive protocol tables which provided evaluations of subsets of customers.

Guidehouse Consulting–Energy, Sustainability & Infrastructure Analytics, Madison, WI. *Advanced Solutions Intern,* Feb 2021–Jun 2021

- Evaluated the effectiveness of participant & non-participant propensity score matching in the analysis of the load impact of a smart thermostat program.

University of Tennessee Knoxville–Joint Institute for Computational Sciences, Knoxville, TN. *Undergraduate Researcher,* Jun 2019–Aug 2019

- Constructed force-field simulations of epoxy resin systems using a parallel simulation system.

University of Arkansas Fayetteville–Physics Department, Fayetteville, AR. *Undergraduate Researcher,* May 2018–Aug 2018.

- Created MATLAB simulations and visualizations of multi-generation variable-rate cell division.

EDUCATION

University of Wisconsin–Madison, Madison, WI
Master of Science in Agricultural and Applied Economics, Concentration in Resource and Energy Demand Analysis, 2021

Vassar College, Poughkeepsie, NY
Bachelor of Art in Physics, 2020

PUBLICATIONS

Knight, P., J. Kallay, A. Glaser Schoff, A. Zeng. 2026. *Making Energy More Affordable in Michigan.* Synapse Energy Economics for NRDC and Evergreen Collaborative.

Knight, P., S. Kwok, E. Ashley, A. Glaser Schoff, S. Schadler, S. Sharaf, A. Zeng, A. Napoleon. *Making Energy More Affordable in New York.* Presentation prepared for the Natural Resources Defense Council and the Evergreen Collaborative, March 2026.

Takahashi, K., E. Carlson, A. Glaser Schoff, A. Fuzaylov, S. Shenstone-Harris, A. Hopkins, P. Knight. 2026. *Regional Electric Peak Load Forecasts for Maine: Implications of Electrification and ISO-NE CELT Forecasts*. Synapse Energy Economics for the Maine Office of the Public Advocate.

Borden, E., C. Resor, M. Bandyk, A. Zeng, A. Glaser Schoff, T. Gyalmo, P. Knight, S. Shenstone-Harris. 2025. *Policy Interventions to Address Rising Electricity Costs in New Jersey*. Synapse Energy Economics for the Natural Resources Defense Council and Evergreen Collaborative.

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.

Takahashi, K., A. Glaser Schoff, B. Havumaki. 2024. *Evidence Regarding Nova Scotia Power's 2024 Load Forecast*. Synapse Energy Economics for Nova Scotia Utility and Review Board.

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

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.

Havumaki, B., Takahashi K., Glaser Schoff, A., *Evidence Regarding Nova Scotia Power's 2024 Load Forecast: Evidence RE: 11689.* Synapse Energy Economics for the Nova Scotia Utility and Review Board.

Woolf, T., Havumaki B., Kallay J., Glaser Schoff, A., Schultz K., Mattioda C., Fuzaylov, A., Alvarez P., Stephens, D., Haugh, J., 2024. *Consultant Comments on the 2024 Massachusetts Electric Sector Modernization Plans: Submitted to the Massachusetts Grid Modernization Advisory Council.* Synapse Energy Economics, The Wired Group, GreenerU for Massachusetts Department of Energy Resources.

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.

Kolesar, M., Hansen D., Vigdor, M., Glaser Schoff, A., 2023. *A Study of Electric Vehicle Fast Charging Rates in North America*. Kolesar Buchanan & Associates Limited and Christensen Associates Energy Consulting for BC Hydro.

Glaser Schoff, A., Crowley, N., Clark, M. T., 2023. *2022 Load Impact Evaluation of Voluntary Residential Critical Peak Pricing (CPP) and Time-of-Use (TOU) Rates for San Diego Gas & Electric*. Christensen Associates Energy Associates for San Diego Gas & Electric.

Crowley, N., Glaser Schoff, A., Clark, M. T., 2022. *2021 Load Impact Evaluation of San Diego Gas and Electric's Voluntary Residential Critical Peak Pricing (CPP) and Time-of-Use (TOU) Rates*. Christensen Associates Energy Associates for San Diego Gas & Electric.

TESTIMONY SUPPORT

Michigan Public Service Commission (Case No. U-21806): Direct Testimony of Alice Napoleon in the matter of the Application of Consumers Energy Company for authority to increase its rates for the distribution of natural gas and for other relief. Synapse Energy Economics for Michigan Environmental Council and Sierra Club. April 23, 2025.

Public Service Commission of South Carolina (Docket No. 2023-388-E): Direct Testimony of Eric Borden in re: Coal Ash Remediation, Targeted Undergrounding, and Self-Optimizing Grid Issues and Cost Recovery for Application of Duke Energy Carolinas, LLC For Increase in Electric Rates. On behalf of the South Carolina Department of Consumer Affairs. April 8, 2024.

Regulatory Commission of Alaska (Docket No. U-23-047): Joint Prefiled Responsive Testimony of Eric Borden and Paul Chernick in re: Rate Design for Tariff Revisions Designated as TA544-8 Filed by Chugach Electric Association, Inc.. On behalf of Renewable Energy Alaska Project. March 14, 2024.

Nova Scotia Utility and Review Board (Docket No. M11441): Evidence of Melissa Whited in re: Application by Town of Antigonish Electric Utility for Approval of Amendments to its Schedule of Rates and Charges for the provision of electric supply and services to its customers and its Schedule of Rules and Regulations. On behalf of Counsel to Nova Scotia Utility and Review Board. February 20, 2024.

Public Utility Commission of the State of Colorado (Docket No. 23A-0392EG): Direct Testimony of Dr. Asa S. Hopkins in re: The Application of Public Service Company of Colorado for Approval of Its 2024-2028 Clean Heat Plan. On behalf of Sierra Club and NRDC. January 22, 2024.

Public Service Commission of the District of Columbia (Docket No. FC – 1176): Direct Testimony of Courtney Lane in re: In the matter of the application of the Potomac Electric Power Company for authority to implement a multiyear rate plan for electric distribution service in the District of Columbia. On behalf of the District of Columbia Government. January 12, 2024.

New Hampshire Public Utilities Commission (Docket No. DE 23-039): Direct Testimony of Courtney Lane in re: Liberty Utilities (Granite State Electric) Corp. D/B/A Liberty, Request for Change in Distribution Rates. On behalf of the Office of the Consumer Advocate. December 13, 2023.

New Hampshire Public Utilities Commission (Docket No. DE 22-060): Direct Testimony of Tim Woolf and Eric Borden in re: Considerations of Changes to the Current Net Metering Tariff Structure, Including Compensation of Customer-Generators. On behalf of the Office of the Consumer Advocate. December 6, 2023.

Nova Scotia Utility and Review Board (Docket No. M11267): Evidence of Eric Borden in re: In the Matter of Nova Scotia Incorporated (NS Power) – Time-Varying Pricing (TVP) Pilot Program – Year Two Report. On behalf of Counsel to Nova Scotia Utility and Review Board. September 26, 2023.

New Hampshire Public Utilities Commission (Docket No. DE 23-068): Direct Testimony of Tim Woolf and Danielle Goldberg in re: 2024-2026 Triennial Energy Efficiency Plan. On behalf of the Office of the Consumer Advocate. September 12, 2023.

Public Service Commission of Wisconsin (Docket No. 6680-UR-124): Direct Testimony of Eric Borden in re: Application of Wisconsin Power and Light Company for Authority to Adjust Electric and Natural Gas Rates. On behalf of Clean Wisconsin. September 5, 2023.

PRESENTATIONS

Glaser Schoff, A., “Solar Compensation Evaluation Strategies”, Vignette at the National Association of State Utility Consumer Advocates Mid-Year Meeting, June 11, 2024.

SKILLS

Microsoft Office Suite, Stata, R, Python.

Resume updated June 2025