

Aidan Glaser Schoff, Associate

Synapse Energy Economics | 485 Massachusetts Avenue, Suite 3 | Cambridge, MA 02139 | 617-812-0117
aglaserschoff@synapse-energy.com

PROFESSIONAL EXPERIENCE

Synapse Energy Economics Inc., Cambridge, MA. *Associate*, June 2023 – Present.

- Analyzes electric utility rate design proposals and cost of service studies, with particular attention to distributed energy resources, equity issues and energy policy goals.
- Conducts quantitative analysis of the potential impacts of utility regulatory models on utility revenues and profits.
- 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.

Christensen Associates, Madison, WI. *Staff Economist*, November 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*, February 2021 – June 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, June 2019 – August 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 – August 2018.

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

EDUCATION

University of Wisconsin - Madison, Madison, WI.
M.S. in Agricultural and Applied Economics, 2021.

Vassar College, Poughkeepsie, NY.
B.A. in Physics, 2020.

PUBLICATIONS

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

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

SKILLS

Microsoft Office Suite, Stata, R, Python

Resume updated July 2023