

Caleb Schmidt, Associate I

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Cambridge, MA. *Associate I*, August 2026 – Present.

- Expertise in modeling, rate design, and power system analysis that supports strategic planning.
- Skilled in Microsoft Excel modeling, managing complex energy data systems, and navigating the wholesale market and regulatory environment.
- Committed to advancing the energy transition to create an electrical grid for the future.

Reading Municipal Light Department, Reading, MA. *Integrated Resources Analyst*, Aug 2024 – July 2026;
Grid Modernization Intern, Summer 2022, Summer 2023.

- Conduct monthly and annual rate adjustments and impact analyses supporting data-driven decision-making.
- Build and maintain a time-of-use revenue-impact model, test scenarios, and inform conceptual rate-design discussions with management.
- Perform wholesale power-supply analyses, reconcile monthly energy costs, evaluate hedge strategies, and integrate REC revenues into cost modeling.
- Model utility-scale battery storage use-cases, support contract negotiations, and analyze existing assets.
- Develop customer survey analytics using STATA, design weighting procedures, benchmark against national datasets, and generate insights on customer behavior.
- Manage the rollout and ongoing operation of a meter data management (MDM) system while ensuring uninterrupted data quality.
- Oversee the operation of internal data flows. Diagnose and resolve issues with external stakeholders.
- Compile and verify both state and federal regulatory submissions.
- Design and create a variety of load forecasting models.
- Conduct long-form research projects regarding EV chargers, non-lithium battery technology, demand management, residential solar efficiency, and rebate economics.

EDUCATION

Colby College, Waterville, ME.

B.A. with Honors in Government, Environmental Studies Minor 2024.

Resume updated July 2026