Ruby Aidun, Associate I

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Inc., Cambridge, MA, *Associate I*, July 2026 – present.

- Technology and public policy graduate researcher with a background in materials science and engineering.
- Experienced in evaluating energy markets and policy, managing organizational data systems, and communicating technical findings to diverse stakeholders.
- Skilled in quantitative and qualitative analysis, with a track record of translating research into actionable insight.

Center for Energy and Environmental Policy Research, Cambridge, MA*, Graduate Research Assistant*, Sept 2024 – July 2026.

- Evaluated the impact of capacity market design on market outcomes
- Researched and evaluated the effectiveness of energy markets and public policies to encourage the adoption of grid-level battery storage.
- Presenting findings in weekly meetings; authoring a comprehensive thesis.

Actnano, Inc., Malden, MA, *Coatings Engineer I*, Aug 2022 – July 2024.

- Designed experiments based on client interests and evaluated the results to investigate the performance and reliability of the product.
- Communicated results to clients and team members through weekly presentations and reports.

AmeriCorps VISTA, District 1199C Training and Upgrading Fund, *Organizational Data Specialist,* Aug 2021 – Aug 2022.

- Managed organizational change to new agency-wide case management database across 4 departments and 500 healthcare vocational students annually.
- Identified and addressed barriers to use of the new data system through facilitating 4 trainings per month, as well as 1:1 or small group meetings, and other communications.
- Presented at weekly all-hands meeting to staff and other stakeholders on functionality and updates of the database.

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA
Master of Science in Technology and Policy, May 2026.

Columbia University, New York, NY.
B.S. in Materials Science and Engineering, April 2021.

PUBLICATIONS

Sharaf, S., S. Kwok, R. Aidun, T. Comings. 2026. *Comments on IURC's Unit Retirement Commission Staff Report: NIPSCO's Michigan City Unit 12*. Synapse Energy Economics for Earthjustice and Citizens Action Coalition of Indiana.

Knight, P., S. Sharaf, S. Chavin, E. Ashley, A. Zeng, E. McGarvey, S. Shenstone-Harris, R. Aidun. 2026. *Assessing Electricity Resource Adequacy in Pennsylvania and PJM*. Synapse Energy Economics, Mondre Energy, and Aspen Technologies for the Pennsylvania Public Utility Commission.

Resume updated October 2026