

Edita Danielyan

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

Boston, MA

Consultant

Ms. Danielyan is a member of E3's Asset Valuation and Markets group, where she contributes to market price forecasting and provides energy asset valuation and transaction support, specializing in distributed energy technologies, transmission infrastructure, and emerging technologies. She also plays a key role in reliability modeling for utilities, supporting Integrated Resource Planning efforts.

Before joining E3, Ms. Danielyan served as a Sustainability Intern at Eversource Energy, where she advanced the utility's decarbonization initiatives through comprehensive data analysis and policy research. She holds a B.A. in International Studies with a minor in Economic Development from Earlham College and an M.A. in Law and Diplomacy with concentrations in Environmental Policy and Development Economics from The Fletcher School at Tufts University.

Select E3 projects include:

Confidential North American Utility, Resource Adequacy Study (2024). Conducted a resource adequacy analysis using RECAP, E3's internal reliability modeling tool, to evaluate system reliability and capacity needs for public utilities in North America.

Confidential Client, Geothermal Facility Investment Analysis (2024). Performed due diligence, including market and financial analysis, for a confidential client evaluating investment opportunities in a geothermal facility and associated infrastructure in North America

Confidential Northeast Client, Transmission Analysis (2024). Stress tested solutions for transmission lines under resilience scenarios to identify the benefits of new transmission lines. For the project, E3 worked with Hitachi Energy to model transmission scenarios in GridView and Ms. Danielyan supported the project by analyzing outputs from the GridView model.

International Confidential Client, Hydrogen Market Overview (2024). E3 supported an international clients considering an investment in a hydrogen production facility in Texas. E3 provided market overview and provided analysis related to transmission and market forecasts. Ms. Danielyan contributed to the project by examining an energy procurement to power facility, emphasizing cost and hydrogen production tax regulations in U.S.

Battery Storage Revenue Forecasts for Confidential Clients (2024 – present). Ran RESTORE, E3's in-house storage valuation model, to provide a market overview and revenue forecast for several specific storage technologies in a given market for multiple clients across multiple engagements.

EVERSOURCE ENERGY*Sustainability Intern*Boston, MA
June 2022 – May 2023

- Advanced Eversource Energy's decarbonization efforts by assisting the development of science-based targets through analyzing and reviewing grid composition forecasts, climate models, and reporting on emerging environmental regulations in the U.S.
- Supported the development of Eversource's Climate Change Mitigation and Adaptation Plan and reviewed the annual Sustainability Report in line with various corporate reporting standards such as GRI, TCFD and SASB
- Optimized GHG data collection processes by using VBA to enhance existing Excel-based methodologies
- Evaluated and refined emissions data consistent with GHG protocol
- Wrote briefs on carbon markets, emerging sustainability trends to support Eversource's Carbon Neutral by 2030 committees

CLIMATE POLICY LAB, TUFTS UNIVERSITY*Research Assistant*Boston, MA
June 2022 – August 2022

- Researched renewable energy opportunities in Sub-Saharan Africa
- Analyzed and identified implementation gaps in renewable energy policies in Algeria, Nigeria, the Democratic Republic of Congo (DRC), and South Africa

TATA AUTOCOMP SYSTEMS (TACO)*Graduate Consultant*Boston, MA
January 2022 – May 2022

- Managed client relations and a team of four graduate consultants, ensuring timely delivery of a dual-focus project on environmental benchmarking and growth strategy in the EV and Battery sectors
- Proposed and presented a sustainable growth strategy for TACO in the EV and Battery sectors, leading to increased market share and reduced emissions

CENTER FOR INTERNATIONAL PRIVATE ENTERPRISE (CIPE)*Program Associate*Washington, DC
August 2020 – August 2021

- Facilitated four international development projects related to small and medium business development in Central Asia and South Caucasus, including proposal development, project implementation, and project evaluation with the M&E team
- Mentored interns and worked with international field staff at CIPE, providing guidance and support on market and policy analyses to strengthen business associations in Eurasia

EducationThe Fletcher School, Tufts University
*M.A., Law and Diplomacy; study fields: Environmental Policy and Economics*Boston, MA
2023

Earlham College
B.A., International Studies with a minor in Development Economics

Richmond, IN
2020