

Eleanor Adachi (she/her)

Eleanor.Adachi@Berkeley.edu * [LinkedIn](#) * Berkeley, CA

EDUCATION

University of California, Berkeley **Berkeley, CA**
M.P.P. and M.S. Energy and Resources Group (ERG) candidate Expected May 2025

- ERG Master's Project: Quantifying the Trade-Offs between Distribution System Upgrades and Capacity Procurement in the Optimization of EV Charging Load
- Public Policy Capstone: Rethinking California's Demand-Side Management Programs for the Natural Resources Defense Council
- Other Research Projects: Mapping Equitable EV Infrastructure Deployment in Oakland (part of the EV Equity Initiative at the Center for Law, Energy & the Environment), Understanding Price Formation in Grids Transitioning to Zero Marginal Cost Generation
- Honors and Awards: National Science Foundation Graduate Research Fellowship, Art Rosenfeld Award for Energy Efficiency

Clean Energy Leadership Institute **San Francisco, CA**
2021 Fellow, Bay Area Cohort May 2021 - Sep. 2021

- Researched Energy Justice/decarbonization benefits of Hawaii's Green Energy Money Saver on-bill financing program, culminating in TED-style talk

Smith College **Northampton, MA**
B.S. Engineering Science with High Honors and B.A. Physics Sep. 2013 - May 2017

- *Summa cum laude*, 4.0 GPA
- Thesis: Developed decision-making framework for nonprofit solar development, focused on the interplay between technical design and regulatory/financial/operational constraints
- Honors and Awards: Honorable Mention for 2017 AASHE Campus Sustainability Research Award, Ford Motor Company Prize for Sustainability, Student Research in Departments Scholarship
- Extracurriculars: Divest Smith College, Study Group on Climate Change, Engineers for a Sustainable World

WORK EXPERIENCE

Natural Resources Defense Council **San Francisco, CA**
Spring 2025 Western Climate Intern Jan. - Apr. 2025

- Serving as a consultant to the Natural Resources Defense Council as part of my public policy capstone project
- Conducting a comprehensive analysis of how California's demand-side management programs fit together and where they are falling short, including a historical analysis to assess how the costs, benefits, goals, and outcomes have changed over time as well as interviews with subject-matter experts to identify barriers and potential solutions

March 3, 2025

U.S. Department of Energy Loan Programs Office**Washington, DC**

Outreach and Business Development Intern

May - Aug. 2024

- Analyzed historical trends of technology sectors in the Monthly Application Activity Report for hundreds of applications from January 2023 through June 2024 and forecasted run-out dates for \$215 billion of remaining loan authority across 5 programs
- Created an internal Outreach and Business Development Guidebook on the National Environmental Policy Act (NEPA), including answers to 21 NEPA FAQs
- Developed a standardized framework for evaluating program eligibility, determining eligible costs, and identifying compliance risks with key federal laws for Virtual Power Plant projects proposed in Energy Infrastructure Reinvestment Program applications
- Transcribed Congressional staff briefings and Senate Committee hearings for the Office's External Affairs team and engaged in informational and educational outreach to potential applicants at various conferences and summits

California Public Utilities Commission**San Francisco, CA**

Senior Energy Analyst

Apr. 2022 - Aug. 2023

- Managed release of public and confidential versions of the Demand Response Auction Mechanism (DRAM) Evaluation Report to stakeholders; developed and analyzed set of alternative policy pathways for DRAM for decision-makers
- Launched CPUC Supply-Side Demand Response Qualifying Capacity Working Group and led meetings with 50+ working group members
- Automated performance analyses of Demand Response (DR) portfolios using Python
- Collaborated with other state agencies and the California Independent System Operator to address DR policy issues related to Resource Adequacy and summer reliability

Stem, Inc.**San Francisco, CA**

Program Manager

Apr. 2020 - Apr. 2022

- Managed enrollments, real-time operations, and settlement for the LCR program, Stem's 20 MW Demand Response contract with Southern California Edison
- Led Asset Management reporting for solar partners and asset owners and worked with subject-matter experts to design reports for new products/programs
- Streamlined and automated routine Program Operations tasks

Pacific Gas and Electric Company**San Francisco, CA**

Portfolio Management Analyst, Senior

Oct. 2018 - Apr. 2020

- Designed and built tools and models to ensure compliance with Resource Adequacy requirements, maximize revenue for bundled customers, and streamline portfolio management
- Participated in hydro counting working group in CPUC Resource Adequacy proceeding and wrote comments on modifications to Maximum Cumulative Capacity buckets

Resonant Energy**Boston, MA**

Project Manager

May 2017 - Oct. 2018

- Managed permitting, interconnection, and installation of rooftop solar for nonprofits and residential customers and performed due diligence for third party-financed portfolios
- Performed analyses and wrote policy memos advocating to make incentives in the Solar Massachusetts Renewable Target program more accessible to low-income customers

VOLUNTEER EXPERIENCE**Young Professionals in Energy, SF Bay Area****San Francisco, CA**

Co-President

Jan. 2024 - Present

- Onboard new Leadership Team members; lead and set agendas for weekly Board meetings and monthly Leadership Team meetings, as well as retreats and trainings; and supervise Board members and support them to succeed in their roles
- Secured a corporate sponsorship worth \$2,500 for the general fund
- Organized New Member Meet-and-Greet, “Clean Power to the People” Energy & Environmental Justice Panel, and Holiday Party featuring Kate Gordon
- Led the Recruiting Committee to recruit, interview, and select applicants to join the 2025

VP of Community, Scholarship

Jan. 2023 - Dec. 2023

- Organized 2023 Clean Energy Career Expo with 18 speakers and 100+ attendees, virtual fireside chat on the IRA and Energy Justice, and panel with CEC and CPUC commissioners on offshore wind development in CA
- Secured a community sponsorship worth \$2,500 for the Scholarship Program
- Led a volunteer committee to recruit, review, and award applicants for our undergraduate Scholarship Program, awarding two \$2,500 scholarships in 2023

Events Committee

Jan. 2021 - Dec. 2022

- Planned Environmental Justice Panel, DEI & Allyship Workshop, and Earth Day Trivia
- Served on 2022 Scholarship Committee

The SMART Program**San Francisco, CA**

College Achievement Program Tutor

Sep. 2019 - Jun. 2021

- Provided individualized academic and college readiness support for a SMART scholar, a highly motivated student from an under-resourced high school in San Francisco

SKILLS & CERTIFICATIONS

- **Programming Skills:** Experienced in Python; proficient in R, ArcGIS, Git, Docker, SQL, VBA, Matlab, and Mathematica
- **Language Skills:** Proficient in Spanish
- **Passed Fundamentals of Engineering Exam (Other Disciplines),** Aug. 2017