



Louis Linden

33 Irving Place, New York, NY 10003
louis.linden@ethree.com

646.699.3773

ENERGY AND ENVIRONMENTAL ECONOMICS, INC. *Consultant II*

New York, NY

Mr. Linden joined E3's planning group in 2019 where he helps utilities, state agencies, and developers prepare for a clean energy economy. He joined E3 from the utility Southern California Edison, where he helped develop capabilities in cross-sector decarbonization strategy and contributed analytical expertise to a variety of projects including electric vehicle incentive design, ratemaking, and integrated resource planning. Mr. Linden holds a M.S. in Mechanical Engineering from UCLA and a B.S. with a double major in Economics and Integrated Science & Technology from James Madison University.

SOUTHERN CALIFORNIA EDISON *Senior Analyst*

Los Angeles, CA
January 2017 – October 2019

- Led modeling for SCE's 2030 clean energy white paper incorporating integrated planning models, total cost of ownership, cost of abatement, and market potential analyses
- Forecasted ~\$4 billion fuel and purchased power budget for SCE financial planning
- Consulted as subject matter expert in loss-of-load expectation and marginal capacity cost in SCE's General Rate Case utilizing monte-carlo simulation, price dispatch, and financial modeling
- Performed novel analytics for various projects including EV incentives, transmission impacts of high renewables, hydrogen, demand response effectiveness, power system reliability, renewable energy credits, and emerging power generation technologies.

UNIVERSITY OF CALIFORNIA, LOS ANGELES *Graduate Research and Teaching Assistant*

Los Angeles, CA
August 2015 – December 2016

- Created energy model and optimization in Matlab for a novel carbon capture and utilization process
- Engaged with cross-functional team of economists, chemists, and engineers
- Led sessions of up to 50 students teaching curriculum for Fundamentals of Thermodynamics and Economics for Engineers

BINERA INC. *Risk Consulting Intern*

Palo Alto, CA
June 2016 – September 2016

- Evaluated extent of damage for terrorism and natural hazard risk scenarios to transportation systems
- Designed econometric model in R estimating economic impact of transportation infrastructure interruption

JAMES MADISON UNIVERSITY

Undergraduate Research and Teaching Assistant

Harrisonburg, VA
September 2014 – August 2015

- Teaching: Engineering Design, Thermodynamics, and Intro to Biomedical Engineering
- Research: Fluid mechanic analysis of vortex ring formation through mitral valves

Education

University of California, Los Angeles
M.S., Mechanical Engineering

Los Angeles, CA
2016

James Madison University
B.S., Integrated Science & Technology and Economics (double major)
Magna Cum Laude

Harrisonburg, VA
2015

Citizenship

United States