

Kevin D. Steinberger

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

New York, NY

Consultant III

Mr. Steinberger joined E3 in 2018 and works out of our New York City office. As a member of E3's planning practice, he helps utilities and state agencies plan for a low-carbon grid and analyzes how different policies and business models affect clean energy deployment. He also works with E3's distributed energy resources (DER) group, helping utilities and state agencies evaluate opportunities for customers to employ DERs and address challenges related to rate design. Mr. Steinberger's recent E3 projects include analyzing a range of Value of Distributed Energy Resources (VDER) tariff designs under New York's Reforming the Energy Vision (REV); modeling the impacts of dramatically increased spending to reach an aggressive state-level energy efficiency target; and analyzing the feasibility, timing, and cost associated with one state's exploration of an ultra-high renewable energy future.

Mr. Steinberger brings extensive experience analyzing the economic and environmental impacts of federal and state energy policies, and he has managed power sector modeling efforts as well as the development of energy policy planning tools. He earned an M.S. in Mechanical Engineering from Stanford University and a B.S. in Mechanical Engineering from Princeton University.

NATURAL RESOURCES DEFENSE COUNCIL

Climate and Clean Air Program, Policy Analyst
Energy and Transportation Program, Schneider Fellow

New York, NY and Washington, DC

August 2015 – May 2018

August 2014 – August 2015

- Analyzed the economic and environmental impacts of climate policies and researched key energy sector trends
- Presented policy recommendations to federal and state policymakers, including in Congress and at DOE, EPA, FERC, and state environmental agencies
- Commissioned and managed modeling and reports by industry-leading energy and economic analysis firms
- Directed the construction of state and city energy policy tools to inform deep decarbonization planning
- Developed 12 state-specific fact sheets on the Clean Power Plan, charting pathways to meet emissions targets
- Authored renewable energy section of NRDC's regulatory comments on the Clean Power Plan

NEW CLIMATE ECONOMY

Innovation Chapter, Research Analyst

Palo Alto, CA

March 2014 – June 2014

- Constructed experience curves to illustrate potential cost reductions of wind and solar in key markets
- Modeled and analyzed the global emissions impact of accelerated deployment of low-carbon technologies

- Contributed research and writing on the global impacts of innovation on the electricity sector

CLEAN COALITION

Hunter's Point Microgrid Project, Analyst

Palo Alto, CA
November 2013 – March 2014

- Developed model to process local utility's feeder-level SCADA data and create load profiles
- Simulated high penetration of distributed generation to examine impacts on the power grid

CASSIDY & ASSOCIATES

Energy and Environmental Policy Group, Intern

Washington, DC
June 2013 – August 2013

- Monitored legislation and prepared policy briefs on issues ranging from energy efficiency to nuclear waste
- Profiled prospective clients and crafted strategies for new business development opportunities

Education

Stanford University

MS Mechanical Engineering

Palo Alto, CA

April 2014

Coursework: Energy Markets and Policy; Energy and Environmental Policy Analysis;
Optimization of Energy Systems; Energy Systems I and II: Thermodynamics and Modeling

Stanford Graduate Fellowship, Independent Work: Investigation of Solid Carbon Fuel Cells

Princeton University

BS Mechanical Engineering

Princeton, NJ

June 2012

Senior Thesis: Economic Viability of Biochar and Bioenergy Systems

Citizenship

United States