

Lindsay Bertrand

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC. *Managing Consultant*

San Francisco, CA

Ms. Bertrand, an experienced energy consultant with previous experience in energy efficiency consulting, renewable energy research, and engineering, joined E3 in 2022 and supports the DER group. Prior to E3, she was a consultant on the engineering team at Navigant Consulting (now Guidehouse), where she focused on energy efficiency program research, potential estimation, and evaluation activities for electric and gas utilities. Before working at Navigant, she was involved in building energy performance analyses at HOK, distributed photovoltaic research at Rocky Mountain Institute, and tidal powder feasibility studies at the National Renewable Energy Laboratory. Ms. Bertrand holds an M.S. degree in Civil and Environmental Engineering from Stanford University and a B.S. degree in Environmental Engineering from the University of Colorado at Boulder.

406 ENGINEERING *Engineer*

Kalispell, MT
October 2021 – April 2022

- Completed environmental analyses for wastewater treatment systems
- Prepared design calculations and technical reports for civil engineering infrastructure projects
- Managed project tasks and schedules; communicated with clients

NAVIGANT CONSULTING, CLEAN ENERGY PROGRAMS *Managing Consultant* *Senior Consultant*

Boulder, CO
September 2017 – December 2018
June 2015 – August 2017

- Led project teams in the analysis and reporting of energy efficiency research, potential estimation, and program evaluation activities for electric and gas utilities
- Managed project budgets and schedules, reviewed analyses and deliverables, developed presentations and reports, and presented results to clients
- Calculated energy savings, demand savings, and costs associated with residential, commercial, and industrial energy efficiency measures

HOK *Engineering Design Professional*

San Francisco, CA
September 2014 – May 2015

- Conducted whole-building energy performance analyses; completed LEED documentation
- Created building energy models in IESVE and EnergyPro

ROCKY MOUNTAIN INSTITUTE *MAP Sustainable Energy Fellow*

Boulder, CO
June 2013 – September 2013

- Quantified the economic impacts that distributed photovoltaic systems have on utility customers under a variety of scenarios and utility rate structures
- Developed modules for the MATLAB-based Electricity Distribution Grid Evaluator model

NATIONAL RENEWABLE ENERGY LABORATORY

Science Undergraduate Laboratory Intern

Boulder, CO

June 2011 – August 2011

- Evaluated the technical and economic feasibility of tidal power generation
- Developed an Excel model to calculate the potential energy output of a tidal farm, the cost of energy for tidal power, and reductions in diesel fuel use and associated emissions

Education

Stanford University

M.S., Civil and Environmental Engineering (Atmosphere/Energy)

Stanford, CA

March 2014

University of Colorado at Boulder

B.S., Environmental Engineering (Summa Cum Laude)

Boulder, CO

December 2011