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PROFESSIONAL EXPERIENCE

Associate
MRW & Associates, LLC
(05/2014 - Present)

Research and analyze energy data and related policy, with an emphasis on California electricity and natural gas markets. Develop quantitative models for analysis. Summarize regulatory policy and monitor developments.

Independent Consultant
Environmental Defense Fund (EDF)
(06/2013 – 05/2014)

Assisted in the collection and summary of data in support of EDF's testimony in Demand Response proceedings at the California Public Utilities Commission. Conducted a literature review and reviewed utility tariffs to develop an understanding of load profiles and rate structures. Cataloged information related to prevailing rate structures for residential, commercial, and industrial customers in nine states: California, Florida, Illinois, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Texas.

Graduate Student Researcher
Lawrence Berkeley National Laboratory (LBNL) and
Enphase Energy
(01/2011 – 08/2012)

Provided research, data-finding, and literature reviews to facilitate renewable energy and energy efficiency research projects. Analyzed survey data to determine residential load characteristics in the Indian state of Maharashtra. Investigated and calculated the long-term energy saving potential from super-efficient appliances in Australia using LBNL's BUENAS methodology. Developed research reports on utility-sponsored incentives for energy efficiency in Canada and Australia. Researched solar and wind potential data for India. Analyzed the performance of Enphase microinverter solar PV installations versus the predicted performance based on the National Renewable Energy Laboratory's PVWatts forecasting tool.

EDUCATION

M.S. in Energy and Resources, University of California, Berkeley, 2012
B.Tech in Electronics and Communication Engineering, GGSIPU, India, 2007