

Lakshmi Alagappan

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

San Francisco, CA

Director

Ms. Alagappan joined E3 in 2008 and her work has focused on the Transmission Planning and Pricing, Renewables and Emerging Technologies, and Emerging Technology Strategy practice areas. She works extensively with transmission developers and guides them through the transmission planning process in California. In addition to her transmission planning work, she provides market valuation and strategy analysis for developers, utilities, and government agencies. Her recent clients include TransCanyon Pacific Gas & Electric Company, Northern Tier Transmission Group, Sempra Energy, AltaLink, Hydro-Quebec TransEnergie, and the World Bank. Among the many projects worked on, Ms. Alagappan has:

- Led the benefits analyses for two transmission projects, including the first economically driven transmission project in California, that were recently approved by the CAISO .
 - Gates-Gregg 230kV transmission project in CAISO's 2012-2013 TPP
 - Delaney-Colorado River 500kV transmission project in CAISO's 2013-2014 TPP
- Assisted California IOUs in a joint Long Term Procurement Planning (LTPP) filing to determine system need for capacity.
- Conducted a multi-jurisdiction survey to understand the transmission barriers to renewable energy development in industrialized countries, focusing on cost allocation procedures in transmission interconnection policies.
- Performed market valuation for energy storage technologies and analyzed the regulatory framework under which they could participate in wholesale energy markets in the U.S.

ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

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Intern

Summer 2007

- Researched transmission interconnection and service policies for wind generators in North America.
- Research required extensive reading of government orders (particularly from the Federal Energy Regulatory Commission)

NATURAL RESOURCES DEFENSE COUNCIL (NRDC)

AIR AND ENERGY DIVISION

Washington, D. C.

MAP Sustainable Energy Fellow

Summer 2006

- Helped create a campaign to endorse oil savings policy in a road tour through the Midwest.
- Wrote a report on U.S. state oil intensities as a measure of economic vulnerability.

CONSUMER ENERGY COUNCIL OF AMERICA (CECA)
Energy Research and Policy Intern

Washington, D. C.
Summer 2005

- Helped with writing and researching white papers for CECA's Fuels and Technologies Forum.

Education

Stanford University
M. S. Civil and Environmental Engineering
Atmosphere/Energy Program

Palo Alto, CA
June 2008

Stanford University
B. A. Economics/Minor in Human Biology
Honors in Environmental Science, Technology and Policy

Palo Alto, CA
June 2007

Citizenship

United States

Refereed Papers

1. Alagappan, L., C.K. Woo, R. Orans (2011) "What Drives Renewable Energy Development?" *Energy Policy*, 39:9, 5099-5104.