

Lakshmi Alagappan

101 Montgomery Street, Suite 1600, San Francisco, CA 94104
lakshmi@ethree.com

415.391.5100

ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

Consultant

San Francisco, CA

2008 – Present

Ms. Alagappan's practice areas are Transmission Planning and Pricing, Renewables and Emerging Technologies, and Emerging Technology Strategy. Her work involves market valuation and strategy analysis for utilities, government agencies, and private energy companies. Her client list includes Pacific Gas & Electric Company, the Electric Power Research Institute, Hydro-Quebec TransEnergie, First Solar, the World Bank, and the Department of Energy. Among the many projects worked on, Ms. Alagappan has:

- 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.
- Performed cost-benefit analysis for a proposed 500 kV transmission line that connects Northern and Southern California.
- Developed an energy efficiency TRC straw proposal for a state public utility commission.

ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

Intern

San Francisco, CA

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

MAP Sustainable Energy Fellow

Washington, D. C.

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.
- Prepared memos, briefings, and press releases for CECA staff and the public.

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.