

Amy Guy

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ENERGY & ENVIRONMENTAL ECONOMICS, INC. *Senior Consultant*

San Francisco, CA
2009-Present

CALPINE CORPORATION *Manager, Business Development*

Los Gatos, CA
August 2008-October 2008

- Worked with management team on corporate strategic development and pilot plant siting for potential new carbon sequestering cement product.
- Work included understanding carbon markets, negotiation with power generator partners and financial modeling for project finance.

HDR INC. *Energy Project Manager*

San Francisco, CA
2005-2007

- Consulting for local governments, developers, businesses and international organizations providing program management and energy consulting services for a wide range of projects.
- Project included energy conservation ordinances, long-term energy planning, green building design, energy audits, rate schedule optimization, and wind energy assessments.
- Worked with senior management on climate solutions services, marketing and sustainable business strategy.
- Coordinated with subcontractors and acted as main client contact.

UNION OF CONCERNED SCIENTISTS *MAP Fellow*

Cambridge, MA
Summer/Fall 2004

- Analyzed the potential and economic potential for renewable production of hydrogen in the U.S.
- Resulting analysis used to inform research and development funding of various hydrogen production pathways.

NATURAL RESOURCES DEFENCE COUNCIL *MAP Fellow*

New York, NY
Summer 2003

- Co-authored a report comparing the health impacts associated with proposed emissions regulations in NY. Report was used to influence the policy design on NY emissions standards.
- Researched the impact of reducing electricity sales, due to energy efficiency or on-site generation, on utility revenues and profits. Work was sued in the NY decoupling procedure.

Research

PRECOURT INSTITUTE FOR ENERGY EFFICIENCY

Stanford, CA

Research Assistant

2007-present

Managing research team that is developing a GHG cost curve to determine the marginal cost of carbon under AB32. Other research looks at intersection of corporate strategy and technological innovation with energy and climate policy. In addition, research explores venture capital clean tech portfolios to analyze relative risk related to policy uncertainties.

GLOBAL CLIMATE AND ENERGY PROGRAM

Stanford, CA

Research Assistant

2003-2004

The research, conducted with the guidance of Professor Sweeney, examined the various potential production pathways to fuel a future hydrogen infrastructure and strategic research and development expenditures.

PROGRAM ON ENERGY AND SUSTAINABLE DEVELOPMENT

Stanford, CA

Intern

2002

Researched the evolution of demand side management programs in the electricity sector and the development of demand response programs under competitive electricity markets.

Education

Stanford University

Palo Alto, CA

M.S. Management Science & Engineering (Policy & Strategy)

2008

M.S. Earth Systems (Energy Policy Focus)

2004

B.S. Earth Systems

2003

Citizenship

United States