

Eric A. Cutter

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Mr. Cutter is a lead analyst at E3 in the areas of energy efficiency, renewable energy, and water. He has developed numerous financial and economic models for planning and regulatory policy in energy and water resources for the State of California, and electric utilities nationwide. His expertise includes energy efficiency, renewable portfolio standard implementation, cost of generation, and rate design.

ENERGY & ENVIRONMENTAL ECONOMICS, INC. **Senior Consultant**

San Francisco, CA
2005-Present

- Supporting the CPUC and CEC for California's Renewable Portfolio Standard (RPS) implementation. Lead developer of the Market Price Referent (MPR) cash flow model used to establish the benchmark for long-term fixed price electricity.
- Lead developer of a plug-in hybrid electric vehicle (PHEV) vehicle model and regulatory analysis tool.
- Designed database to determine technical, economic and achievable potential for demand response in California, including integration of discrete customer choice model.
- Evaluated potential revenues for energy storage technologies in capacity, ancillary services and energy markets in the CAISO, PJM, ISO-NE and NYISO.
- Lead developer of the energy efficiency program design tool incorporating electric, gas and water savings.
- Lead developer of the energy efficiency program reporting tool used by over 30 California public utilities to evaluate EE cost-effectiveness and report to the California Energy Commission.
- Performed analysis of potential cost effective energy efficiency measures for PNGC.
- Evaluated distribution system impacts of California's Self Generation Incentive Program (SGIP).
- Analyzed transmission pricing and discounting policy for Hydro-Québec TransÉnergie.

100TH MERIDIAN **Lead Consultant**

San Anselmo, CA
2000-2005

- Performed regional economic impact analysis for regional water transfers for Glenn-Colusa and Imperial Irrigation Districts.
- Performed regional economic impact analysis for several proposed casinos in California.
- Specialized in making complex analyses and models accessible and transparent to variety of stakeholders in regulatory forums.
- Developed robust and intuitive economic analyses and reservoir operations models for FERC re-licensing proceedings.
- Developed cost of generation model for California Energy Commission comparing costs for different technology, ownership, financing and operating scenarios.
- Analyzed two years electric generation and NOx emissions permit trading for evidence of market manipulation of power prices for California Electricity Oversight Board.
- Analyzed impact of agricultural electric rates on comparative costs of electric and diesel pumps for various crops and regions in California.

CPUC, COMMISSION DUQUE'S OFFICE
Intern

San Francisco, CA
Summer 2000

- Analyzed the restructuring of the natural gas and electric industries and made recommendations regarding water wheeling legislation for CPUC.

PG&E ELECTRIC TRANSMISSION SERVICES
Senior Resource Analyst

San Francisco, CA
1998-1999

- Developed and promoted policy changes before the California Independent System Operator, saving PG&E over \$60 million in annual Reliability Must Run payments.
- Successfully advocated progressive solutions in uncertain regulatory environment, summarizing and presenting controversial proposals in concise, well-written documents and in public meetings.

POWER MARKET PLANNING
Senior Resource Planner

San Francisco, CA
1997-1998

- Structured and implemented extensive Energy Trading Risk Management System prior to and during electric industry restructuring.
- Created and analyzed hedging strategies for energy trading and traded electricity at real-time desk.
- Produced value-at-risk and management reports for energy trading activity.

GAS SERVICES
Senior Market Analyst

San Francisco, CA
1994-1997

- Developed and advocated transportation and storage pricing strategies, increasing margins and earning revenues of \$7 million per month from sales of storage and transportation products.
- Improved customer relations through responsive and thorough pricing support for sales staff. Developed extensive spreadsheets and databases for risk measurement, pricing analysis and deal evaluation that significantly improved accuracy, confidence and responsiveness of sales team.
- Developed pricing methodology for new transportation, storage and banking services in increasingly competitive market.
- Implemented risk management procedures and developed Monte-Carlo analysis tools for valuing embedded options in transportation and storage contracts.

PG&E GAS REGULATORY POLICY AND ANALYSIS
Resource Analyst

San Francisco, CA
1991-1994

- Lead regulatory policy analyst for implementation of capacity brokering for PG&E's intra- and interstate natural gas pipelines.
- Performed strategic and regulatory analysis in early phases of deregulation for natural gas industry.

PG&E QUALIFYING FACILITIES CONTRACTS
Contract Negotiator

San Francisco, CA
1989-1991

- Analyzed and negotiated contracts with alternative fuel power producers.
- Wrote and sponsored testimony in legal and regulatory proceedings.

Education

**University of California
Haas School of Business
*M.B.A.***

Berkeley, CA

**University of California
Energy and Resources Group
*M.S., Energy and Water Resources***

Berkeley, CA

**Tufts University
*B.A., Economics and German, Magna Cum Laude***

Medford, MA

Citizenship

United States