

CAROLYN M. KEHREIN

Profile

Ms. Kehrein's areas of expertise include procurement of electricity and natural gas, including development and execution of procurement strategies that align with risk tolerances and GHG reduction strategies, and incorporate regulatory constraints and changes, evaluation of onsite generation and storage options and power sales issues, financial analysis of procurement and demand response options including assessment of load and consumption patterns, contract development and analysis, negotiations with utilities and service providers, market design and analysis of performance, regulatory intervention, statistical and financial modeling and evaluation, forecasting and budgeting.

In 1998, when electricity deregulation commenced in California, Carolyn was serving on the corporate governing boards for the California Independent System Operator (CAISO) and the California Power Exchange (CalPX). She was elected Chair of the Finance Committee after serving as vice-chair of the CalPX's Operations and Technical Committee. Carolyn was an active member of the CAISO's Audit, Market and HR Committees and was appointed Chair of the Finance Committee right before Governor Davis disbanded the Board. Prior to her board service, she was a member of the start-up teams that were assigned to oversee system development prior to placement of permanent staff. She was also a co-chair of the California Public Utilities Commission (CPUC) Direct Access Working Group. Ms. Kehrein has moderated conferences and made presentations on direct access implementation and protocols, financial forecasts, procurement and sourcing options, cogeneration issues and strategies and financial risk management. She was an active participant in the deregulation of the gas industry and has testified before the CPUC, the energy and fiscal committees of the State Legislature and the Federal Energy Regulatory Commission, as well as written articles on deregulation and energy procurement for trade publications.

Prior to establishing a consulting practice, Ms. Kehrein worked for Procter & Gamble for ten years. At Procter & Gamble, she was responsible for operation of the cogeneration facility, cogeneration commercial issues and contracts, analyzing and recommending changes to utility applications and tariffs, setting and executing strategies to maximize benefit in the ever-changing regulatory environment and procuring a reliable supply of natural gas at least-cost for the facility. Because she excelled at procurement of energy and contract analysis, she was also named the Plant Purchasing Manager and became responsible for all construction and operational procurement at the facility. She took a leadership role in P&G's U.S. Soap Plant MRO Procurement Strategy Team and was also appointed to the North America Energy Strategy Team. The first group was a large diverse group consisting of people of varying levels of experience and education, while the second group was a small group of male peers. Carolyn was a valued member of both teams and was able to help both groups surpass their goal, while taking special attention to mentor members in the first group.

CAROLYN M. KEHREIN, C.P.M.

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PROFESSIONAL EXPERIENCE

Energy Management Services (January 1995 – Present) — Woodland, CA

Principal

- Provide energy consuming businesses strategic advice
- Assist end use customers with procurement of natural gas and electricity
- Develop and analyze alternate supply/GHG reduction strategies for end use customers
- Predict and advise on impacts of regulations and market rules
- Isolate risks and develop mitigation measures
- Analyze proposed market design changes to determine impacts and best options
- Intervene at CPUC and CAISO on behalf of end use consumers
- Provide technical representation and present expert testimony
- Provision of support and analysis for civil litigation
- Negotiate agreements with suppliers and utilities
- Analyze proposed and actual utility rates

Procter & Gamble Manufacturing Company (July 1985 – January 1995) — Sacramento, CA

Plant Purchasing Manager/Plant Utilities Manager (dual role)

EDUCATION

BS Chemical Engineering University of California, Davis, CA

Masters in Business Administration University of California, Davis, CA

Emphasis: Finance, Accounting and Decision Management Science with research in public utilities

Recipient: Graduate School of Management Medal

PROFESSIONAL ACTIVITIES

Past Board Member and Active Committee Member: California Independent System Operator Corporation (May 1998 – January 2001)

Past Board Member and Chair of Finance Committee of the Board: California Power Exchange Corporation (May 1997 – December 2002)

Member of the California Independent System Operator's Market Advisory Group

Advisor to Board Member Carl Guardino of the California Independent System Operator Corporation (March 2001 – December 2003)

Active member and past officer of the California Manufacturers and Technology Association (CMTA) Energy Committee

Certified by the Institute for Supply Management (formerly the National Association of Purchasing Management) as a Certified Purchasing Manager (C.P.M.)

Author of various articles on Energy Procurement and Regulation

CAROLYN M. KEHREIN
Energy Imbalance Market Governance Review Committee
Statement of Interest

I am interested in serving on the EIM Governance Review Committee (GRC) because the interests of end use customers should be represented when considering changes to the EIM governance structure. Although I cannot represent the voice of all consumers as end use customers have more than one perspective and opinion, I have over 30 years' experience as and working with a diverse set of commercial, educational, and industrial end use customers, as well as experience representing the interests of end use customers on the CAISO Board and in various CAISO stakeholder processes.

EIM and CAISO governance is very important to end use customers because the associated markets have a significant impact on consumers. The EIM and CAISO activities and rules impact the cost of using energy as well as options available to source energy from alternative suppliers and the viability of energy-related investments such as battery storage and on and off-site solar and other renewable generation.

My goal as a member of the GRC would be work with the other members to develop a governance structure that has diverse representation that includes the customer perspective and does not exclude (or overweight) the voice of any sector. A successful governance structure would yield the lowest reasonable cost of reliable electricity while also minimizing the production of GHG and facilitating, and not inhibiting, customers alternate strategy choices (such as battery storage or sourcing from off-site renewable energy). Liquid, transparent markets without unnecessary impediments, but with appropriate market power monitoring and mitigation are needed to achieve this objective.

I appreciate your consideration of my appointment to the EIM GRC.