

Robert B. Weisenmiller, Ph.D.

Position/Department/Division/Institution/Organization

Chair, California Energy Commission

Country

United States of America

Career history

Chair Robert Weisenmiller was appointed as member and Chair to the California Energy Commission in January 2011 by Governor Jerry Brown and re-appointed in January 2015. He fills the Engineer/Scientist position on the five-member Commission where four of the five members by law are required to have professional training in specific areas - engineering or physical science, environmental protection, economics, and law. Commissioner Weisenmiller brings more than 30 years energy experience to the Commission including expertise in electricity and gas markets and California regulatory policies. Chair Weisenmiller has served as an expert witness in more than 100 state and federal regulatory commission proceedings and has authored numerous publications on electricity and natural gas markets. Chair Weisenmiller is the lead commissioner on the Energy Commission's budget and management, legislative and intergovernmental matters, international relations, military partnerships, energy research, development, demonstration and deployment, climate change, combined heat and power and electricity and natural gas markets.

Before his appointment, Chair Weisenmiller, a co-founder of MRW & Associates, used his expertise to assist businesses, financial institution, regulatory commissions, and public agencies in strategic planning, policy development, analyzing energy markets and regulations, power pricing for qualifying facility projects, marginal cost analysis, rate design and implications of utility mergers. Commissioner Weisenmiller was also the co-founder and Executive Vice President of Independent Power Corporation.

Chair Weisenmiller's career also included a previous period of public service with the Energy Commission as Advisor to Commissioner, Manager of the Special Projects Office, and Director of the Office of Policy and Program Evaluation in the period between 1977 and 1982.

Chair Weisenmiller holds a Doctorate in Chemistry and a Masters in Energy and Resources from University of California Berkeley and received his Bachelor of Science in Chemistry from Providence College.

Awards/Publications

The Chair has authored many publications.

http://www.energy.ca.gov/commissioners/weisenmiller_docs/weisenmiller_publications.html

Most recent publications in energy and nuclear science include:

Most Recent Energy Publications

- Nuclear Power in California: 2007 Status Report. With Steven C. McClary, Heather Mehta, and Laura B. Norin. California Energy Commission, CEC-100-2007-005-F. October 2007
- Barriers to Expansion of Natural Gas Storage Facilities in California. With Suzie Kito and Laura B. Norin. California Energy Commission, CEC-500-2008-036. April 2008
- California Plans a Carbon Diet. With Heather Mehta and Briana Kabor. Project Finance NewsWire, Chadbourne & Parke LLP. January 2009.
- Framework for Evaluating Greenhouse Gas Implications of Natural Gas-Fired Power Plants in California. With Steven C. McClary, Heather L. Mehta, Mark E. Fulmer, and Briana Kabor. California Energy Commission, CEC-700-2009-009. May 2009

Most Recent Nuclear Science Publications

- Very light Neutron-rich Nuclei Studied via the (${}^6\text{Li}$, ${}^8\text{B}$) Reaction. With N.A. Jelley, D. Ashery, K.H. Wilcox, G.J. Wozniak, M.S. Zisman, and J. Cerny. Nuclear Physics A 280, 217. 1977.
- The Spectroscopic Utility of the Two-proton Pickup (${}^6\text{Li}$, ${}^8\text{B}$) Reaction. With N.A. Jelley, K.H. Wilcox, G.J. Wozniak, and J. Cerny. Phys. Rev. C 13, 1330. 1976.
- Study of T=2 States in ${}^{12}\text{C}$ and ${}^{12}\text{B}$. With D. Ashery, M.S. Zisman, G. Goth, G.J. Wozniak, and J. Cerny. Phys. Rev. C 13, 1345-1351. 1976.

Areas of expertise

Nuclear Chemistry

Electricity and Natural Gas Markets

Regional Grid

Production cost modeling

power flow modeling

electricity forecasting

climate change assessments