



California Public Utilities Commission
California Customer Choice En Banc
SPEAKER BIOGRAPHIES
OCTOBER 29, 2018



RALPH CAVANAUGH
Energy Co-Director
Climate and Clean Energy Program

Since joining NRDC in 1979, Ralph Cavanaugh has focused on removing barriers to cost-effective energy efficiency and on the role that electric and natural gas utilities can play in leading a clean energy transition. From 1993 to 2003, he served on the U.S. secretary of energy's advisory board. He has taught energy law and policy at Harvard Law School, Stanford Law School, the UC Berkeley Law School, and the University of Idaho. Currently he is a board member of the Bipartisan Policy Center, the Alliance to Save Energy, the Northwest Energy Coalition, Renewable Northwest, and the Center for Energy Efficiency and Renewable Technologies; he also chairs the advisory board for the UC Davis Energy Efficiency Center. Cavanaugh has received many awards, including the Heinz Award for Public Policy, the Bonneville Power Administration's Award for Exceptional Public Service, the University of Missouri's Crystal Award, and the Lifetime Achievement in Energy Efficiency Award from California's Flex Your Power campaign. He is a graduate of Yale University and Yale Law School. He is based in San Francisco.



CAROLINE CHOI
Senior Vice President, Regulatory Affairs
Southern California Edison

Caroline Choi is senior vice president of Regulatory Affairs for Southern California Edison (SCE). In this role, she is responsible for the Company's regulatory strategy and policy at the national and state levels, including regulatory affairs, regulatory operations and environmental affairs.

Choi previously served as vice president of Energy and Environmental Policy. Prior to joining SCE in 2012, Choi was executive director of Environmental Services & Strategy at Progress Energy; she served the company in various roles, including director, Energy Policy & Strategy, and manager, Federal Public Affairs.

Choi is active in national policy and community engagement, where she serves on the Board of the Smart Electric Power Alliance, a nationwide organization that supports utilities in the implementation and deployment of clean energy and distributed resources. She also serves as a board member of the National Forest Foundation and the Alliance for Transportation Electrification.

Choi holds a bachelor's degree in government from Dartmouth College.



MATT FREEDMAN
Staff Attorney
The Utility Reform Network

Matt has served as a staff attorney for The Utility Reform Network (TURN) since January 2000 actively representing the interests of residential utility customers at the California Public Utilities Commission, the California Legislature and other state agencies. Matt's portfolio includes a wide array of electric utility ratemaking issues, rate design, renewable energy policy, distributed generation, resource planning, conventional and nuclear generation, wholesale market design and retail competition.

In addition to his work at TURN, Matt taught Energy Policy and Law at Berkeley Law during the 2016-2017 and 2017-2018 academic years. Prior to working for TURN, Matt was a policy analyst for the Massachusetts Public Interest Research Group and a senior energy policy analyst with Public Citizen's Critical Mass Energy Project in Washington, DC.

Matt received a BA from Columbia University and a JD from Harvard Law School. He originally hails from the historic town of Marblehead, MA and the dense urban core of New York City.



ELISE HUNTER
Policy & Regulatory Affairs Director
Grid Alternatives

As the Policy & Regulatory Affairs Director for GRID, Elise leads many of GRID's legislative and regulatory efforts in California to expand access to solar, storage, microgrids and other clean energy technologies to low-income communities across the state. Previously, Elise spent three years developing and advocating for energy storage policies and strategies at PG&E. She has also held program management roles at Build It Green and at the Environmental Protection Agency. She holds a Bachelor's degree from Stanford and a MBA from University of Michigan.



MARC JOSEPH
Attorney
Adams Broadwell Joseph & Cardozo

Marc Joseph is President of Adams Broadwell Joseph & Cardozo. He practices in the areas of energy, utility and environmental law.

Since 1994, he has represented the Coalition of California Utility Employees, a coalition of unions representing employees of almost all private and publicly owned electric and gas utilities in California. He has participated in CPUC matters related to the electric and natural gas industry, including electric deregulation, rate cases, direct access, electric generation procurement, rate design, community choice aggregation and nearly all industry policy matters.

He has participated in crafting numerous pieces of legislation affecting the utility industry, CEQA and other environmental and energy issues. These include SB 100, SB 350, SBx1-2, along with SB 901 – the recent wildfire Conference Committee legislation.

He graduated in 1981 from Georgetown University Law Center, and then was a law clerk for a US District Court Judge in Washington, D.C. before moving to California.



MARY LYNCH
Director
Wholesale Market Development
Constellation Energy (an Exelon Company)

Mary Lynch is Director, Wholesale Market Development for Constellation. Since 2005, she has been responsible for regulatory and legislative affairs in the WECC region, with a particular focus on market development issues, including retail choice, resource adequacy, capacity markets, utility procurement practices, and emerging environmental requirements. Prior to coming to the west in 2005, Mary had lead regulatory responsibilities for Constellation's business in the PJM region, and participated extensively in working groups and committees at PJM that focused on electric market design and operation. She also has participated extensively in state regulatory proceedings dealing with the development and design of wholesale competitive energy procurement practices in Maryland, New Jersey, the District of Columbia, Pennsylvania, Illinois, Delaware, Ohio, and New York. Prior to joining Constellation, from 1998 through May of 2002, Ms. Lynch served as a vice president with Orion Power Holdings with responsibility for managing the procurement of fossil fuel supplies as well as managing regulatory affairs, with a primary focus on the New York state electric markets. From 1983 through 1998, she held various positions with New England Power Company and U.S. Generating Company managing natural gas supplies procurement operations. She is a graduate of California State University at Northridge with a Bachelor of Arts degree in Biology and from Northeastern University (Boston, Massachusetts) with a Masters in Business Administration.



JITH MEGANATHAN
Attorney
Law Offices of Jith Maganathan, P.C.

Jith Meganathan is an attorney in solo private practice in Sacramento, where he focuses on representing victims of consumer fraud. Jith also practices before the California Public Utilities Commission, where he represents the California Low-Income Consumer Coalition (“CLICC”), a group of twelve nonprofits from around the state that provide free legal services to the indigent. Jith was previously CLICC’s policy advocate at the Legislature, where he helped negotiate the terms of AB 1284 (2017) and SB 242 (2017), bills addressing Property Assessed Clean Energy (“PACE”) financing. Jith is a graduate of Harvard Law School and Stanford University.



SHALINI SWAROOP
Director of Regulatory & Legislative Policy
MCE

Shalini leads MCE’s policy advocacy at state regulatory agencies and the California Legislature. She has been with MCE since 2013 and has argued on issues related to equity, CCA ratepayers, and local governance in over 100 cases before California regulatory agencies. Shalini has also advocated on dozens of bills for CCAs, including AB 2145 (2014), SB 350 (2015), and SB 100 (2018). She previously practiced before the California Public Utilities Commission as a consumer advocate on behalf of low-income constituents and communities of color. Shalini received her Juris Doctorate from Berkeley Law School, where she was elected student body president. Afterwards, she completed a federal judicial clerkship at the High Court of American Samoa. Currently, Shalini holds leadership positions on several non-profit boards, including the ACLU of Northern California, JustPeace Labs, and Youth Celebrate Diversity. Shalini is also a member of the board of the California Conference of Public Utility Counsel.



MATT VESPA
Staff Attorney, Clean Energy
Earth Justice

Based out of San Francisco, **Matt Vespa** focuses on accelerating deployment of clean energy in California and avoiding new investments in fossil fuel infrastructure. Matt's areas of expertise include utility procurement, local reliability need, rooftop solar tariffs, rate design, energy storage, renewable integration, and decarbonization trajectories. Matt is a member of the Procurement Review Group ("PRG") of Southern California Edison.

Prior to joining Earthjustice, Matt spent over five years at the Sierra Club focusing on clean energy-related advocacy before the California Public Utilities Commission. Prior to the Sierra Club, Matt was a Senior Attorney at the Center for Biological Diversity where he developed the law and policy related to the analysis of greenhouse gas impacts under the California Environmental Quality Act ("CEQA"). Matt also served as a law clerk at the U.S. District Court, Eastern District of New York for the Honorable Nicholas G. Garaufis.

Matt holds a law degree from the U.C. Berkeley School of Law, where he was elected *Order of the Coif*, a master's in conservation biology from the University of Pennsylvania and a bachelor's in biology from the University of Pennsylvania. Matt was also a Peace Corps volunteer in Paraguay where he worked with local farmers on sustainable forestry practices, learned to speak Guarani, and developed an addiction to yerba mate that persists to this day.

Matt was the recipient of the 2016 Environmental Leadership Award from the Ecology Law Quarterly at U.C. Berkeley School of Law.



EMILY WATT
Senior Energy Project Manager
Microsoft Corporation

Emily is a Senior Energy Project Manager in the Energy and Sustainability Team at Microsoft. Emily is responsible for procuring electricity for Microsoft's data centers, building relationships with utilities, and identifying cost saving opportunities. Prior to joining Microsoft she worked for Tesla Motors in a number of roles ranging from operations management to renewable energy procurement. She was part of the team that opened the Gigafactory, one of the world's largest battery manufacturing facilities.



PAT WOOD III
Principal, Wood3 Resources

Energy infrastructure developer **Pat Wood, III** has a long career in energy. He is the past Chairman of the Federal Energy Regulatory Commission (FERC) and of the Public Utility Commission of Texas. The son of a small businessman, Wood has been a forceful advocate throughout his career for replacing government-centered regulation with customer-focused competition.

Today, Wood's development focus is on clean power generation, independent power transmission and new energy technologies. Wood led a successful effort with Sharyland Utilities to expand the Texas power grid (ERCOT) into the Texas Panhandle to attach 8,000 MW of new high-quality renewable resources. He remains involved with Sharyland/Hunt Power/InfraREIT (NYSE: HIFR) in the further development of energy infrastructure throughout the Southwestern U.S.

Wood is the Lead Independent Director of integrated solar company SunPower (NASDAQ: SPWR) and Director of utility construction firm Quanta Services (NYSE: PWR). He also served as Board Chairman of independent power producer Dynegy, until its recent merger with Vistra Energy.

In 1995, Governor George W. Bush named Wood to head the Public Utility Commission of Texas, with a mandate to free up power and telecom customers from monopoly utility control. The resulting restructured Texas electric market (ERCOT) is considered to be the most robustly competitive energy market in the country, with high infrastructure investment, diverse service and technology offerings, and customer prices well below what they were under regulation. Texas leads the nation in renewable energy investment; the state's orderly regulatory environment, reliable energy supplies and open markets underpin its economic development.

During his four years at the helm of the FERC, under President George W. Bush, Wood led the responses to the 2000-2001 California energy crisis, the bankruptcy of Enron, and the 2003 North American power blackout. By 2005, over two-thirds of the country was served by the organized wholesale power markets he championed. Under his leadership, the FERC promoted the development of a cleaner, more competitive power generation fleet, natural gas infrastructure expansions, and a more robust power transmission grid -- all in the context of well-ordered competitive energy markets.

Wood holds a B.S. degree from Texas A&M University and a J.D. from Harvard Law School. Prior to his public service, Wood was a project engineer for ARCO Indonesia, and an attorney with Baker & Botts law firm. Today, Wood serves on the Executive Board of Big Brothers Big Sisters Lone Star, The Joy School Board of Trustees and is co-chair of the Strake Jesuit College Preparatory Annual Fund. He is a member of the National Petroleum Council, the National Renewable Energy Laboratory External Advisory Council, and the Texas A&M Smart Grid Council. He and his wife, Kathleen, are the parents of four sons, and they are proud to call Houston home.