

Marin CCA Renewable Energy Generation Workshop Speaker Biographies

Peter Asmus is an internationally known expert and writer on energy. His books include “Reaping the Wind: How Mechanical Wizards, Visionaries, and Profiteers Helped Shape Our Energy Future,” “Reinventing Electric Utilities: Competition, Citizen Action, and Clean Power” (with Edward Smeloff), and the soon to be published “Introduction to Energy” by the University of California Press. He has written numerous reports and handbooks on renewable energy for the California Energy Commission, Local Government Commission, and most recently a stakeholder compilation of new technology options for GhG reduction for the California Air Resources Board. He has also written numerous articles and editorial columns for national newspapers including most recently “Can California Save the Planet from Climate Change?” for the San Francisco Chronicle.

Dr. Carol J. Bruton is the Geothermal Program Leader at Lawrence Livermore National Laboratory (LLNL) in Livermore, CA. After receiving her Ph.D. in inorganic geochemistry from the University of California, Berkeley, Dr. Bruton worked at ARCO Oil and Gas Company for five years, and then moved to LLNL in 1986. Dr. Bruton has been involved in geothermal research since 1997. LLNL researchers in the Geothermal Program develop novel technologies for exploring for and utilizing geothermal resources, and provide technical expertise to the geothermal industry.

Ray Dracker has served as the Technical Director at the Center for Resource Solutions with lead responsibility for implementing a \$7 million program to assess near term renewable energy power options for California Public Utilities. Over the past several years, he has conducted renewable energy technical and economic evaluations for energy offices in California, Nevada and New Mexico while assisting utility evaluations of renewable portfolio standard needs, options and opportunities. Mr. Dracker previously served as the Director of Technology Transfer at the National Renewable Energy Laboratory Technology, was responsible for technology development, market and economic assessment, strategic planning, and policy and regulatory analysis for Bechtel Power.

Diane Fellman is Director of California Regulatory Affairs for FPL Energy, which is the largest owner of wind generation facilities in California and the nation (over 4,600 MW.) FPLE also operates 310 MW (and owns 147 MW) of central solar thermal generation in California, the largest central solar power project in the nation. Ms. Fellman is an attorney who has worked many years on regulatory energy policy in California both in private practice and for public agencies including the California Public Utilities Commission and the California Energy Commission.

Dr. Jan Hamrin is the President of the Presidio-based Center for Resource Solutions (CRS), a national non-profit corporation that is the principal certifier of renewable energy sold in retail markets in North America and is soon to launch certification of greenhouse gas offsets. CRS works with state, federal and international agencies to develop renewable energy policies for regulated and voluntary markets. Dr. Hamrin led a team of experts examining the feasibility of a 33% Renewable Portfolio Standard by 2020 for the California Public Utilities Commission. Dr. Hamrin has also been working for the past seven years on renewable energy policies in China including the development of the newly passed Renewable Energy Promotion Law. She has served as advisor to the Commission for Environmental Cooperation and the G-8 Renewable Energy Task Force as well as to numerous legislatures and regulatory commissions both in the US and internationally. Dr. Hamrin founded and served nine years as Executive Director of the Independent Energy Producers' Association (IEP) in California and played a key role in the implementation of the Public Utilities Regulatory Policies Act (PURPA) in California and elsewhere in the US.

Steven Kelly is Director of Policy for Independent Energy Producers Association (IEP), California's oldest and leading nonprofit trade association, representing the interest of developers and operators of independent energy facilities and independent power marketers. IEP members collectively own and operate approximately one-third of California installed generating capacity, which includes renewable products derived from biomass, geothermal, small hydro, solar, and wind, producers of highly efficient cogeneration and owners/operators of gas-fired merchant facilities. Mr. Kelly has been with IEP since 1994. Prior to joining IEP, he served as a consultant to municipal utilities on legislative and regulatory matters and has worked with local, state, and federal clients in energy related matters such as electrical transmission, energy efficiency and conservation.

Jody London consults on a range of energy issues, providing strategic planning, management, analysis and advocacy, and communications services. Ms. London's clients have included County of Los Angeles, County of Marin, City of Chula Vista, City of Berkeley, University of California and California State University, City and County of San Francisco, City of Rancho Cucamonga, and the Community College League of California. From 1998 through 2004, Ms. London was a Senior Program Manager at Grueneich Resource Advocates, where she worked with large customers on various energy issues. Prior to that, Ms. London was Director of Business Development for Working Assets and worked for six years for the California Public Utilities Commission in various positions including as an advisor to one of the five Commissioners.

Wallace G. McOuat, is a founder of HMM Energy Resources, Inc., which specializes in strategic planning and project development with particular expertise in economic and risk analysis, procurement, financial structuring and contract negotiations. Its principals have assisted in the procurement and development of dozens of projects in the US and abroad including both central plants and distributed generation. The company's experience in renewable energy includes wind, solar, biomass and geothermal. HMM was a co-developer of a 150 MW wind project that began commercial operations in late 2005 and was the economic advisor on the developer of a PV project that began operations in Germany in late 2004, which at that time was the world's largest PV plant.

Marilyn Nemzer is Executive Director of the Geothermal Education Office, a non-profit organization based in Tiburon, California. This office collaborates with industry experts and government entities nationwide to produce educational materials about geothermal energy and to assist with outreach activities for the geothermal industry. Ms. Nemzer, a trustee on the Marin County Board of Education, has served on the board of directors of the Geothermal Resources Council since 1993 and is on the International Geothermal Association's Education and Information Committee. Her group recently won two national awards from the green power industry for its book, Energy for Keeps.

Roy Phillips is the Owner and President of Marin Solar, Inc., an award-winning solar-electric systems integrator headquartered in the San Francisco Bay Area. Marin Solar provides a complete set of best-of-breed products & services to commercial, municipal, agricultural and residential clients. In addition being a SunPower Corp. Premier Dealer, Marin Solar is an authorized solar products dealer for Kyocera, Suntech and Mitsubishi. Mr. Phillips has worked as a construction contractor for over 25 years, with 9 years specifically devoted to PV solar power systems. Since establishing Marin Solar in 2002, Mr. Phillips has overseen the installation of over 400 photovoltaic systems, including notable projects at the White Hill School in Fairfax, California and Oakville Ranch Vineyards in Napa Valley. As a Director of the California Solar Energy Industries Association (CAL-SEIA), he actively supports the organization's efforts to encourage pro-solar legislation at both the state and federal levels.

Frank De Rosa has worked in the power supply business for the past 20 years as both a buyer and seller of electricity. He is Director, Renewables Supply, for Pacific Gas and Electric Company, San Francisco, CA, where he has procured over 1,500 MW of renewable energy, such as wind, geothermal, solar, and biomass. Prior to this, Frank was Vice President, Marketing and Business Development for PG&E National Energy Group, formerly US Generating Company, an independent power producer and trading company, where he managed the Company's Western Region. He has been a Board Member of the Western Energy Coordinating Council. Prior to NEG, Frank held financial and regulatory positions with Pacific Gas & Electric Company, the U. S. Office of Management and Budget in the Executive Office of the President, and the Massachusetts Energy Office.