

## DOCKETED

<b>Docket Number:</b>	15-MISC-04
<b>Project Title:</b>	Fuels and Transportation Merit Review
<b>TN #:</b>	211175
<b>Document Title:</b>	Transportaton Lead Commissioner Workshop - Technology Merit Review: Electric Vehicle Charging Infrastructure Project Success
<b>Description:</b>	Speaker Biographies - Monday, April 25, 2016
<b>Filer:</b>	Tami Haas
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	4/21/2016 5:01:17 PM
<b>Docketed Date:</b>	4/22/2016

Transportation Lead Commissioner Workshop  
Technology Merit Review: Electric Vehicle Charging Infrastructure  
Project Success

Monday, April 25, 2016, 9:00 AM  
First Floor, Art Rosenfeld Hearing Room

**SPEAKER BIOGRAPHIES**



**Colleen Quinn**

*Vice President, Government Relations and Public Policy  
ChargePoint, Inc.*

Colleen is a seasoned executive leader and government strategist with 30 years' experience in government, business and non-profit sectors. She has served in the highest level government and political appointed positions, as well as a senior corporate officer and senior non-profit management and advocacy roles. These include California Governor Jerry Brown, the Partnership for New York City, Insight Communications, Pacific Telesis and the Revlon Foundation. Colleen has a BA from UC Berkeley and a JD from the University of California, Hastings College of Law.



**Charles Botsford**

*Project Manager and Business Development  
AeroVironment, Inc.*

Mr. Botsford is a professional chemical engineer (California) with 30 years' experience in business development, program management, engineering process design, and environmental management. He has a wide range of experience relative to electric vehicles, renewable energy systems, power electronics, oil refining, and air quality issues. Mr. Botsford conducts business development activities in AeroVironment's Efficient Energy Systems group and is the project manager for the West Coast Electric Highway.



**Mark Triplett**

*Chief Operating Officer  
Green Charge Networks*

As Chief Operating Officer at Green Charge Networks (GCN), Mark Triplett oversees sales, marketing, and operations. Mark brings more than 20 years of utility, smart grid, demand response, and enterprise software experience. Prior to GCN he led the 'Demand Response Management Systems' product line worldwide for Alstom Grid, a global leader in utility infrastructure and control room hardware and software. Prior to Alstom Grid, Mark was president of

UISOL Software (acquired by Alstom Grid) and COO of UISOL Consulting which was an industry leading private boutique systems integration company that focuses exclusively on electrical utility control room, market systems, and back office systems integration.



**Bill Boyce**

*Supervisor, Electric Transportation  
Sacramento Municipal Utility District (SMUD)*

Bill Boyce has led SMUD's Electric Transportation Program for the last 15 years. He has a broad technical background that includes aerospace, environmental, mechanical, and mining engineering along with his electric utility experience. Prior to working at SMUD, Bill spent 15 years working in the liquid rocket industry. He currently serves on the Board of Directors for CalETC and is active in many industry initiatives including the U.S. DOE EV Everywhere Utility Working Group, Electric Drive Technology Association, and the Electric Power Research Institute.



**Kitty Adams**

*Executive Director and Founder  
Adopt a Charger*

Kitty Adams is the Executive Director and founder of Adopt a Charger, a 501(c)3 non-profit organization, whose mission is to accelerate the adoption of electric vehicle charging by expanding charging infrastructure. Adopt a Charger solicits funding to install EV Charging at popular destination locations, including National Parks, State Parks, museums, universities, and safety rest areas. Ms. Adams participated in a number of CEC and CARB workshops regarding alternative fuel vehicles and EV charging infrastructure. Adopt a Charger has been awarded CEC grant funding to install EV charging at the California State Parks, and most recently a GFO as part of a team to design a micro grid in a disadvantaged community.



**Kapil Kulkarni**

*Marketing Associate  
Burbank Water & Power*

Kapil Kulkarni is a Marketing Associate for the City of Burbank's Department of Water and Power (BWP). He has more than ten years of experience in the efficiency and conservation field. He manages many of BWP's customer energy efficiency, water conservation, and Smart Grid programs, including the Electric Vehicle program. Prior to joining BWP in 2011, he was a consultant with ICF International for six years, primarily assisting investor-owned utilities with energy efficiency planning. Kapil has a bachelor's degree from Northwestern University and a master's degree from the Bren School of Environmental Science & Management at the University of California, Santa Barbara.



**Matthew Marshall**

*Executive Director  
Redwood Coast Energy Authority*

Matthew Marshall is the Executive Director of the Redwood Coast Energy Authority (RCEA). Under the delegated authority of the Energy Authority Board of Directors, Mr. Marshall manages all RCEA activities and functions; guides and implements strategic planning; and oversees program development, implementation, and evaluation. Mr. Marshall has been involved in a variety of energy planning, policy, and implementation endeavors, and previously served as the Greenhouse Gas Reduction Program Administrator for the City and County of Denver, where he was responsible for developing and managing locally-, state-, and federally-funded comprehensive greenhouse gas reduction projects and community partnerships in support of Denver's Climate Action Plan. A graduate of Humboldt State University, Mr. Marshall's work on innovative sustainable energy systems and programs has been recognized and honored by the National Hydrogen Association, the U.S. Department of Energy, the California Hydrogen Business Council, the American Lung Association in Colorado, and the United States Congress.



**Matt Henigan**

*Deputy Secretary for Sustainability  
California Government Operations Agency*

Mr. Henigan joined the Government Operations Agency in November 2014. Prior to his appointment he served as the Sustainable Energy Advisor in the Office of Sustainability and the Environment at the City of Santa Monica from 2011 to 2014. Mr. Henigan was a Senior Account Executive in the Business Greening Program at Sustainable Works from 2006 to 2010. He earned a Masters of Business Administration in Sustainable Management from the Presidio School of Management in 2010 and holds a Bachelor of Arts degree in Environmental Politics from Pitzer College.

**REVIEWER/COMMENTER BIOGRAPHIES**



**Jacob Ward**

*Analysis Program Manager, Vehicle Technologies Office  
U.S. Department of Energy*

Jacob serves as the Program Manager for Analysis in the Vehicle Technologies Office of the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy. His work includes advanced vehicle and energy efficiency market analysis, technology forecasting, macroeconomic benefit accounting, and the public distribution of vehicle technology information. He received the Secretary's Appreciation Award in 2010 for his work interpreting the long-term benefits of Recovery Act projects.



**Mark Duvall**

*Director, Energy Utilization*

*Electric Power Research Institute (EPRI)*

Dr. Duvall is the director of all end-use research at EPRI, including electric transportation, energy storage, microgrids, energy efficiency and demand response, power quality, customer behavior, and electrification. He leads EPRI's Integrated Grid pilots and oversees a number of partnerships and collaborations between EPRI and electric utilities, automotive companies, local, state, and federal agencies, national laboratories, and academic research institutions. He is a recognized expert in electric transportation and energy storage, having conducted research on plug-in vehicle powertrains, battery, and vehicle systems since 1993.



**Nancy Ryan**

*Director, Policy and Strategy*

*Energy and Environmental Economics, Inc. (E3)*

Dr. Ryan is an economist with over two decades of experience in energy and environmental policy. At E3, Dr. Ryan is leading projects in the areas of long term greenhouse gas mitigation strategy, renewable integration, transportation electrification and asset valuation. Before joining E3, Dr. Ryan held several high-level appointed positions at the California Public Utilities Commission (CPUC), including Commissioner, Deputy Executive Director for Policy and External Relations, and Chief of Staff to President Michael R. Peevey. During her tenure at the CPUC, Dr. Ryan guided development of California's cutting edge policies in renewable energy, smart grid, energy storage, electric transportation and long term planning and procurement. She also worked closely with senior officials from the California Air Resources Board, the California Energy Commission, the California ISO and the Governor's Office to devise strategies to achieve California's ambitious Greenhouse Gas reduction targets and develop regulations implementing California's cap and trade program for the electric sector.



**David L. Greene**

*Senior Fellow, Energy & Environmental Policy Program*

*Research Professor, Civil and Environmental Engineering*

*The University of Tennessee, Knoxville*

David L. Greene is a Senior Fellow of the Howard H. Baker, Jr. Center for Public Policy and a Research Professor in the Department of Civil and Environmental Engineering at the University of Tennessee. In 2013 he retired from Oak Ridge National Laboratory as a Corporate Fellow. He is an author of more than 250 professional publications on transportation and energy issues, including over 100 articles in peer-reviewed journals and National Research Council reports. The 2012 recipient of the Transportation Research Board's Roy

W. Crum Award, he is also an emeritus member of both the Energy and Alternative Fuels Committees of the TRB and a lifetime National Associate of the U.S. National Academies. He received the Society of Automotive Engineers' Barry D. McNutt Award for Excellence in Automotive Policy Analysis, the Department of Energy's 2007 Hydrogen R&D Award, DOE 2011 Vehicle Technologies R&D Award, and DOE Distinguished Career Service Award. Dr. Greene was recognized by the Intergovernmental Panel on Climate Change for contributing to the IPCC's receipt of the 2007 Nobel Peace Prize. He has testified to committees of the U.S. Congress on a dozen occasions.



**Joshua Cunningham**

*Branch Chief, Advanced Clean Cars Branch  
California Air Resources Board*

Joshua Cunningham is the Branch Chief of the Advanced Clean Cars Branch within the Air Resources Board. This branch develops and implements the Advanced Clean Cars regulations, which includes the Low Emission Vehicle (LEV) III greenhouse gas and criteria emission fleet standards, and the Zero Emission Vehicle (ZEV) regulation. The branch also manages a number of programs to support the growth of the zero emission vehicle market, including infrastructure, outreach, and multi-agency planning. Joshua has been with the Air Resources Board for over seven years contributing to a number of advanced vehicle and emission reduction programs. He spent his first few years working on the ZEV regulation update focusing on technology feasibility and environmental benefits. Complementing this regulatory experience, Joshua helped launch the Plug-in Electric Vehicle Collaborative, addressing market barriers to the emerging ZEV sales. Most recently, Joshua managed the Transportation Planning Section, leading the development and use of the ARB Vision scenario planning tool. The Vision program has been instrumental in analyzing the role of ZEVs in light-duty and heavy-duty applications for meeting long-term emission targets.