Agenda for
Second Annual California Multi-Agency Update on Vehicle-Grid Integration Research

Monday, December 14, 2015
Beginning at 9:00 a.m.
CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
First Floor, Rosenfeld Hearing Room
Sacramento, California
Wheelchair Accessible

Purpose: California Energy Commission staff will lead a public workshop to review the progress of research called for in the California Vehicle-Grid Integration Roadmap as part of the Governor's Zero-Emission Vehicle Action Plan.

Agenda

Time	Item

9:00 a.m. - 9:15 a.m.	**WELCOME AND OPENING REMARKS**
	➢ **Welcome and Housekeeping**
	  - Kiel Pratt, California Energy Commission
	➢ **Commissioner Opening Remarks**
	  - Janea A. Scott, Lead Commissioner on Transportation, California Energy Commission

9:15 a.m. - 10:50 a.m.	**UPDATES FROM AGENCIES AND THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR**
	➢ **Update on Vehicle-Grid Integration (VGI) Initiatives from the Energy Commission**
	  - Mike Gravely, California Energy Commission
	  - Kadir Bedir, California Energy Commission
	➢ **Update on VGI Initiatives from the California ISO**
	  - Peter Klauer, California Independent System Operator
	➢ **Update on VGI Initiatives from the CPUC**
	  - Noel Crisostomo, California Public Utilities Commission
	  - Adam Orford, California Public Utilities Commission
	➢ **Q&A Session on Updates**

10:50 a.m. - 11:40 a.m.	**TECHNICAL RESEARCH UPDATES**
	➢ **SAE Vehicle-to-Grid (V2G) Standards Activities**
	   - Hank McGlynn, Aeych
	➢ **EV Storage Accelerator**
	   - Niki de Leon, NRG

11:45 a.m. - 12:45 p.m.	**LUNCH**

12:45 p.m. - 3:15 p.m.	**TECHNICAL RESEARCH UPDATES, CONTINUED**
	➢ **Next-Generation Grid Communication for Residential PEVs**
	   - Rich Quattrini, ChargePoint
	➢ **Enable Standardized Vehicle-Grid Integration through Development of Universal Standard**
	   - Mike Ferry, Center for Sustainable Energy
	➢ **Distribution System Aware Vehicle-to-Grid Services for Improved Grid Stability and Reliability**
	   - Sunil Chhaya, Electric Power Research Institute
	➢ **Demonstration of PEV Smart Charging and Storage Supporting Grid Operational Needs**
	   - Rajit Gadh, University of California, Los Angeles
	➢ **Smart Charging of Plug-in Vehicles and Driver Engagement for Demand Management and Participation in Electricity Markets**
	   - Doug Black, Lawrence Berkeley National Laboratory
	➢ Q&A Session for the Above Five EPIC Projects
	
	➢ **U.S. Department of Defense V2G Demonstration at Los Angeles Air Force Base**
	   - Michael Genseal and Scott Kenner, Concurrent Technologies Corporation
	➢ **V2G Electric School Bus Project**
	   - Stephen Crolius, Alliance Consulting
	   - Kevin Matthews, National Strategies

3:15 p.m. - 4:00 p.m.	**FLEET OPERATOR PANEL DISCUSSION** ➢ **Electric Vehicle Fleets and Grid Services** - Kiel Pratt (Moderator), California Energy Commission - **Stephen Crolius**, Alliance Consulting - **Lisa Kunzman**, California Department of Transportation - **Josh Lake**, Vision Fleet - **Kevin Matthews**, National Strategies - **David Meisel**, Pacific Gas and Electric Company - **Carlos Velasquez**, County of Contra Costa
4:00 p.m. - 5:00 p.m.	**PUBLIC COMMENT, NEXT STEPS AND ACTION ITEMS, AND CLOSING** ➢ **Public Comment Session** - Kiel Pratt (Moderator), California Energy Commission ➢ **Next Steps and Action Items, Closing Remarks** - Fernando Pina, California Energy Commission
5:00 p.m.	**ADJOURN**