

Metering and the Utility Role Workshop
California Public Utilities Commission
Alternative-Fueled Vehicle Rulemaking - R.09-08-009
Metering and the Utility Role in PEV Charging
10:00 a.m. to 4:30 p.m.
September 27, 2010 - Auditorium
505 Van Ness Avenue, San Francisco, CA 94102

The widespread use of plug-in electric vehicles (PEV) is a significant opportunity to reduce greenhouse gas (GHG) emissions in support of California's GHG emission reduction goals, and an opportunity to reduce petroleum consumption in California. Senate Bill 626 (Kehoe, Chapter 355, Statutes of 2009) requires the Commission to evaluate policies to overcome any barriers to the widespread deployment and use of plug-in hybrid and electric vehicles.

The focus of the workshop is to build consensus around select issues raised in the 'Metering and the Utility Role in PEV Charging' paper and/or in party comments, in order to guide a Phase 2 Decision in the Alternative-fueled Vehicle Rulemaking (R.) 09-08-009.

Presentations and audio from the meeting will be broadcast via the California Public Utilities Commission's WebEx web on-line conferencing system. To join the online meeting, please go to: <https://van.webex.com/van/j.php?ED=139256397&UID=0&PW=NN2FIMjdlODE1&RT=MiM0> and enter your name, e-mail address and the following meeting password: 12345. Then click "Join Now." To view in other time zones or languages, please click the link: <https://van.webex.com/van/j.php?ED=139256397&UID=0&PW=NN2FIMjdlODE1&ORT=MiM0> For assistance go to: <https://van.webex.com/van/mc> and click "Support" on the left navigation bar.

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Agenda
September 27, 2010

Welcome and Opening Comments – 10:00 a.m.—10:15 a.m.
Commissioner Nancy Ryan and Administrative Law Judge Regina DeAngelis

10:15 am – 11:30 pm Residential PEV Metering

- What metering options should this proceeding support in order to meet near-term PEV adoption goals? What are the estimated lifetime costs of different metering arrangements?
- What long-term metering options should utilities make available to customers?
- How should metering requirements be designed to respond to future technology changes, such as in-vehicle metering or meters in the EVSE? What are the estimated costs of these alternative arrangements?
- What safety issues should be considered that are relevant to different residential metering arrangements?
- What steps are necessary to enable the utility to support submetering arrangements?

Christine Cullen, PG&E
Gregg Morris, Green Power Institute
Better Place Representative

11:30 am – 12:30 pm MDU and Workplace PEV Metering Requirements

- What metering arrangements should be considered for MDUs?
- What metering arrangements are necessary for workplace charging?
- Should near-term non-residential metering requirements take into account future metering arrangements? If so, how?
- What safety issues should be considered that are relevant to non-residential metering arrangements?

Colleen Quinn, Coulomb Technologies
Jose Salazar, SCE
Jim Brady, EV Connect

12:30 pm – 1:30 pm Break

1:30pm – 3pm Utility Notification

- What options exist for notifying the utility of purchases or potential purchases?
- How should the utility respond to notification at different stages in the purchase/installation process?
- What privacy issues and other challenges should be considered by organizations sharing information with utilities?
- Are there specific actions that utilities can take to speed up EVSE/meter installation? Are there specific actions the Commission can take to help implement installation process improvements?

Dan Bowermaster, PG&E
Eileen Tutt, CTEF
Alex Keros, General Motors
Ed Kjaer, SCE

3 pm - 4:30pm EVSE Ownership and Subsidization

- Should the utility be allowed to own the EVSE and/or submeter?
- How does the possibility of embedded meters in EVSE impact the customer-utility boundary?
- Is ratepayer subsidization of EVSE necessary and appropriate?

Alex Kim, SDG&E
Nina Suetake, TURN
Bill Barbanica, Leviton

4 – 4:30pm Workshop Wrap-Up