

Multi-unit Dwelling (MuD) Vehicle Charging Panel

California Energy Commission
Pre-solicitation Workshop on EV
Charging Infrastructure

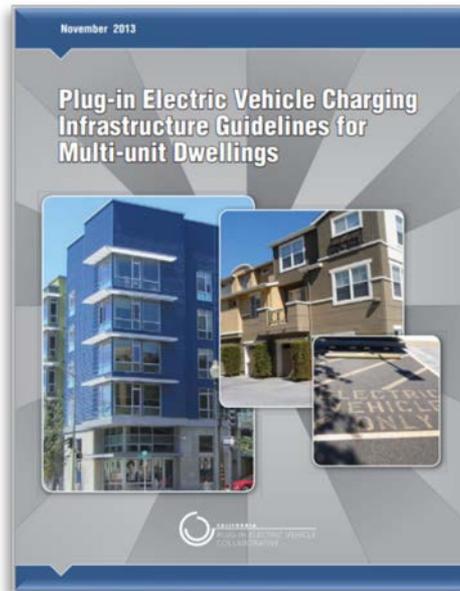
January 28, 2015

Sacramento, CA

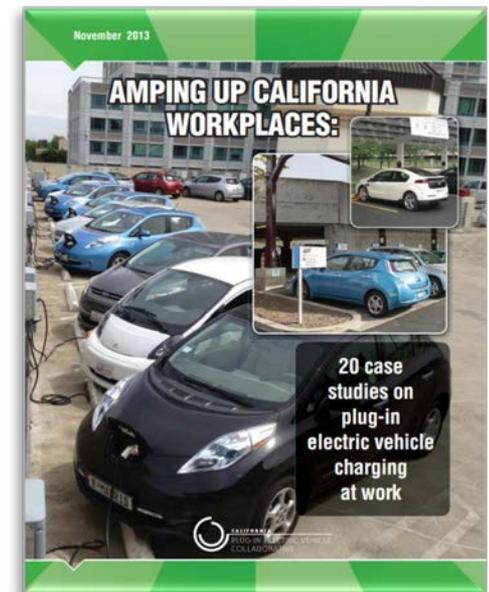
PEVC Workplace and MuD Charging Projects

- 2013 - PEVC developed resources for workplace and MuD charging
- 2014 - Focus on disseminating documents to key stakeholders
- 2015 - RFP to continue dissemination efforts and for developing new resources for workplace charging
- Proposals due to PEVC by COB on February 5

www.PEVCollaborative



www.PEVCollaborative.org/MuD



www.PEVCollaborative.org/workplace-charging

MuD Panelists

- **Joel Pointon**

Manager of PEV Programs – SDG&E; Co-chair PEVC MuD/WP Working Grp.

- **Mary Nitschke**

Dir. of Ancillary Services at Prometheus Real Estate Grp.

- **John Kalb**

EV Charging Pros

- **Richard Schorske**

Executive Director of the EV Communities Alliance

Challenges of MuD communities:

- Diversity of these communities – Community size spectrum, rental vs. ownership, existing parking formats, etc.)
- Physical – Existing electrical infrastructure, age, layouts, etc.
- Existing Community Legalities and Traditions – respecting/adhering to or changing these
- Cost – what is “practical”, how to cover these costs initially, how to pay for on-going costs
- Operating and maintenance/management of program – mechanics, life of the program, future phases, etc.

Questions for discussion

- Given your experience with the MUD Vehicle Charging arena.....what “phase” do you see us as being in presently, and what in your opinion needs to happen next to allow this segment of charging to grow?
- Given resources to get to the next step, where would you devote/target resources and how would it accomplish/support the promotion of MuD vehicle charging in CA?
- What is the size of the resources needed and what form would they take? (follow-up - Regional, who should be able to apply for resources, how should they be managed/monitored?)
- What is the tipping point for MuD charging, when does it become “how we do business”how do we know when we are there?
- How might we also support vehicle adoption/charging for MuDs specifically located in disadvantaged communities?