

**[DRAFT] Building the Bay Area EV Charging Infrastructure | Professional Development Series | March – October 2010**

Lead Sponsor: The Greater Bay Area EV Corridor Project | Producer: EV Communities Alliance & *Ready, Set, Charge!* | Funder: California Energy Commission

Invited Co-Sponsors: Association of Bay Area Governments | City of San Francisco | PG&E | Bay Area Climate Collaborative – EV Working Group | Nissan | GM | CALBOA | CalStart

Event	Focus Areas	Participants	Presenters	Location	Date/Place
<b>Managing the Region-wide EV Charger Installation Streamlining Process</b>	<ul style="list-style-type: none"> <li>Development of region-wide strategic framework for EVSE installation streamlining &amp; stakeholder education</li> <li>Sharing of best practices and model policies for region-wide deployment</li> </ul>	<ul style="list-style-type: none"> <li>Bay Area EV Corridor partners</li> <li>PG&amp;E and local utility EV teams</li> <li>EV &amp; charge station manufacturers</li> <li>Lead EVSE contractors</li> <li>Building and planning officials</li> </ul>	<p><b>Richard Schorske</b> EV Communities Alliance</p> <p><b>Bob Hayden</b> City of San Francisco</p> <p><b>Efrain Ornales</b> PG&amp;E</p>	<b>San Francisco</b> City Hall, Van Ness Ave.   Room TBD	<b>March 31 (Wed): 10:30 – 12:30</b>
<b>Installation Process Streamlining</b>	<ul style="list-style-type: none"> <li>Regional EV deployment and EV charger requirements</li> <li>Charge system standards &amp; technologies (Level 1, 2, &amp; Fast Charge)</li> <li>Installation guidelines &amp; power requirements</li> <li>Charger siting and regional coordination</li> <li>Review of current permit processes, applicable codes and standards</li> <li>Local/regional implementation of best practice guidelines for EVSE streamlining, including:                             <ul style="list-style-type: none"> <li>EV customer readiness guidelines</li> <li>Pre-inspection processes</li> <li>EVSE contractor practices</li> <li>Building inspection practices</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>EV charge station manufacturers</li> <li>Lead EVSE contractors</li> <li>Local Government Building Officials</li> <li>Local Government Planners</li> </ul>	<p><b>Enid Joffe</b> Clean Fuel Connection</p>	<b>Marin</b> Marin Community Foundation, Bldg. 3, Hamilton Field, Novato	<b>Session I: April 28: 2:00 – 4:30</b> <b>Session II: July 22: 9:30 – 12:00</b>
				<b>Sonoma</b> Location TBD	<b>Session I: April 27: 2:00 – 4:30</b> <b>Session II: July 21: 2:00 – 4:30</b>
				<b>San Francisco</b> City Hall, Van Ness Ave.   Room TBD	<b>Session I: March 4: 9:30 – Noon</b> <b>Session II: April 27: 8:30 – 11:00</b> <b>Session III: July 21: 9:30 – Noon</b> <b>Session IV: TBD</b>
				<b>San Mateo &amp; Santa Clara</b> Palo Alto City Hall	<b>Session I: April 29: 9:00– 11:30</b> <b>Session II: July 23: 9:00 – 11:30</b>
				<b>Monterey Bay Area</b> Location TBD	<b>Session I: April 29: 2:30 – 5:00</b> <b>Session II: July 23: 2:30 – 5:00</b>
				<b>Contra Costa &amp; Alameda</b> Metro Center Oakland	<b>Session I: April 27: 2:30 – 5:00</b> <b>Session II: July 21: 2:00 – 4:30</b>
<b>Fast Charging</b>	<ul style="list-style-type: none"> <li>System standards and technologies</li> <li>Installation guidelines &amp; power requirements</li> <li>Siting and regional coordination</li> <li>Fast charge procurement</li> </ul>	<ul style="list-style-type: none"> <li>EV charge station manufacturers</li> <li>Lead EVSE contractors</li> <li>Local Government Building Officials</li> </ul>	<p><b>Enid Joffe</b> Clean Fuel Connection</p> <p><b>Efrain Ornales</b> PG&amp;E</p>	<b>San Francisco</b> City Hall, Van Ness Avenue Room TBD	<b>April 27: 11:30 a.m. – 1:30 p.m.</b>

<b>DOCKET</b>
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<b>EV Charger Network Information Systems and Inter-operability</b>	<ul style="list-style-type: none"> <li>▪ Billing Systems</li> <li>▪ Information Management Systems (including mobile device access to EVSE status)</li> <li>▪ Charge Station Network Management (including time of use charging and demand management)</li> <li>▪ Charge station signage</li> <li>▪ Charge station mapping</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Local Government EV leads</b></li> <li>▪ <b>EVSE manufacturers</b></li> <li>▪ <b>Regional transport agencies</b></li> </ul>	<p><b>Richard Lowenthal</b> Coulomb Technologies</p> <p><b>Sven Thesen</b> Better Place</p> <p><b>Kari Novatney</b> NAVTEQ</p>	<p><b>San Francisco</b> City Hall, Van Ness Avenue Room TBD</p>	<p><b>Session I: March 31: 1:00 – 2:30</b></p> <p><b>Session II: TBD</b></p>
<b>EV Charger Procurement &amp; Operations</b>	<ul style="list-style-type: none"> <li>▪ RFP Development</li> <li>▪ Technology Standards</li> <li>▪ Operations and Maintenance</li> <li>▪ Financing</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Local Government EV leads and procurement officers</b></li> </ul>	<p><b>Dave Snow</b> County of Santa Clara</p> <p><b>Enid Joffe</b> Clean Fuel Connection</p>	<p><b>Oakland</b> Metro Center 8<sup>th</sup> Street</p>	<p><b>June 25: 10 a.m. – 12 pm</b></p>
<b>Neighborhood Electric Vehicles and E-Bikes</b>	<ul style="list-style-type: none"> <li>▪ NEV and E-Bike Technologies</li> <li>▪ Current NEV and E-Bike Regulations and Proposed Modifications</li> <li>▪ Best Practices and Case Studies in NEV and E-Bike System Development &amp; Deployment</li> <li>▪ Design of E-Bike Demonstration Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Local Government EV leads</b></li> <li>▪ <b>EV bike &amp; NEV manufacturers</b></li> <li>▪ <b>Regional transport agencies</b></li> </ul>	<p><b>TBD</b></p>	<p><b>Oakland</b> Metro Center 8<sup>th</sup> Street</p>	<p><b>July 16: 1pm – 3 pm</b></p> <p><b>Session II: TBD</b></p>
<b>Vehicle-to-home and Vehicle to Grid Integration</b>	<ul style="list-style-type: none"> <li>▪ Vehicle-to-Grid Pilot Projects in the Bay Area (Infotility, PG&amp;E, Google, EPRI, et. al.)</li> <li>▪ Next Steps in Vehicle to Grid Control Systems &amp; Smart Grid Integration</li> <li>▪ EV to PV Integration (Vehicle to home/building)</li> <li>▪ Opportunities for Accelerating the V2G Commercialization Pathway in the Greater Bay Area</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Utility representatives</b></li> <li>▪ <b>Research Institutions</b></li> <li>▪ <b>CalStart</b></li> <li>▪ <b>V2G and smart grid vendors</b></li> <li>▪ <b>OEMs</b></li> </ul>	<p><b>Dr. Jasna Tomic,</b> <b>CalStart</b></p> <p><b>Jim McCray</b> <b>Infotility</b></p> <p><b>Dan Reichert</b> <b>Google</b></p> <p><b>Others TBD</b></p>	<p><b>San Jose</b></p>	<p><b>July 29: 10 am – 3 pm</b></p>