

**February 21, 2013 MEETING SUMMARY**

**ITEM #1: WELCOME AND INTRODUCTIONS**

Chair Susan Freedman, San Diego Association of Governments (SANDAG), called the meeting to order at 1:06 p.m. and welcomed everyone to the San Diego Regional Electric Vehicle Infrastructure Working Group (REVI). Ms. Freedman introduced Tyler Petersen, California Center for Sustainable Energy (CCSE). Mr. Petersen has replaced David Almeida as the CCSE project lead for staffing the REVI group.

**ITEM #2: SUMMARY OF THE JANUARY 17, 2013 MEETING**

Joel Pointon, San Diego Gas and Electric (SDG&E), motioned to approve the meeting summary from January 17, 2013. Micah Mitrosky, IBEW Local 569, seconded the motion. Motion carried without opposition.

**ITEM #3: ANNOUNCEMENTS AND PUBLIC COMMENTS**

Mr. Pointon made three announcements:

1. There is an EV Project update meeting on March 6, 2013
2. The U.S. Department of Energy Plug-in Electric Vehicle (PEV) readiness scorecard is now available at <https://www.afdc.energy.gov/pev-readiness>
3. The federal tax credit for Electric Vehicle Supply Equipment (EVSE) installations has been extended and is retroactive to 2012
  - a. This tax credit allows business and consumers to claim up to 30% of the cost of hardware and installation. Businesses are capped at \$30,000 per property and individuals are capped at \$1,000.

Molly Ash, Cuyamaca College, announced that Cuyamaca College has received funding to host the Electric Vehicle Infrastructure Training Program (EVITP). Ms. Ash, the Continuing Education and Workforce Training Program Manager at Cuyamaca College, would like to promote the EVITP training to a wider audience and requested that her contact information be sent to the REVI group. SANDAG and CCSE agreed to distribute her information to the group.

**ITEM #4: REGIONAL PEV READINESS PLAN DEVELOPMENT**

**A. Barrier 7: Regional Planning for Public EVSE Siting AND  
Barrier 9: Public Agency EVSE Installation**

During the January 17, 2013 meeting, REVI members agreed that an outline RFP for public agencies to install and operate electric vehicle charging infrastructure would be beneficial. Mr. Petersen directed the group to the draft Request for Proposal (RFP) Outline which provides recommended headings and proposal language to assist in

the issuance of an RFP for Electric Vehicle Charging Stations. Mr. Petersen announced that this outline leveraged information from similar RFP's completed by the City of Chula Vista and the City of Long Beach.

Brendan Reed, City of Chula Vista, commented that the City of Chula Vista's RFP was distributed to 12 Electric Vehicle Service Provider (EVSP) companies, which were previously identified by the County of Los Angeles as qualified EVSP companies. ECOTality was the selected vendor and received a five-year contract which includes the installation and maintenance of 33 public EVSE at five different locations. Based on this experience, Mr. Reed highlighted the importance of including language regarding public liability and insurance requirements as these items caused delays for the City of Chula Vista. Since each agency has liability language for any agreement, Mr. Reed recommends that this information be included to provide transparency and prevent project delays. Mr. Reed also recommended including contract language that explicitly states the conditions for the removal of the EVSE, change of ownership and contract renewal.

Jacques Chirazi, City of San Diego, argued that the language regarding sub-meters should be altered because EVSE installations should be connected to the transformer and sub-meters should not be used. Mr. Pointon agreed and commented that the term "sub-meter" be removed entirely because commercial customers are unable to install a sub-meter and instead use the term "metering configuration".

Mr. Reed notified the group that one EVSE site will have a private meter measuring electricity usage. Mr. Reed added that the City will share the utilization data with the group.

Mike Grim, City of Carlsbad, identified the possible need for assistance in identifying site locations. Mr. Grim encouraged that this information would be beneficial to include in the *Overview of the Project* section of the outline. Kathy Valverde, City of Santee, commented that it is useful to include more detailed information in the outline, which allows each agency to revise the outline based their conditions.

Mr. Petersen asked non-municipal members for their input on the document. Karen Prescott, National Electrical Contractors Association, emphasized the importance of identifying the need for properly trained electricians. Jill Brandt, eVgo, added that her company will only work with local, properly trained electricians. Mr. Reed commented that requiring licensure information, EVSE installation training and a record of past installations would have been beneficial to include in Chula Vista's RFP. Tim Dudek, Saturn Electric, commented that only qualified contractors that hold an A, B or C-10 license should be selected to do this type of work.

Mr. Petersen directed the group to the *Proposal Evaluation & Award Process* section and inquired about the rate structure and method of payment language. It was clarified that this section of the RFP is referring to the agencies payment collection from the vendor and does not reference the customer's payment options. Mr. Reed encouraged including language regarding the payment options from the customer point of view.

Ms. Valverde highlighted the importance of advertising requirements. Ms. Valverde added that in the *Proposal Evaluation & Award Process* section, the "proposers marketing strategy" language is too general. Ms. Valverde commented that the marketing of these projects is a benefit to the agency, and three to five main points on this topic should be included.

Mr. Petersen announced that the City of Fresno cannot host turn-key model charging on their facilities because all public buildings in Fresno are funded through public bonds, and this model would jeopardize the City's tax exempt status on these buildings. Mr. Chirazi stated that this would not be an issue for the City of San Diego. Ms. Mitrosky added that it would be beneficial to include an advisory note regarding prevailing wage.

Ms. Freedman requested that the group send any further comments regarding this outline to her and Mr. Petersen by 2/28/2013.

## **B. Barrier 1: Permitting and Inspection**

Mr. Petersen directed the group to the *Electric Vehicle Charging Station Permitting and Installation Guideline*. This document was reviewed at the January 17, 2013 meeting where a few minor edits were requested. These updates have been made and Mr. Petersen asked the group was willing accept this document.

Mr. Reed stated that the title is confusing and requested that it be updated. Ms. Mitrosky agreed and commented that information in the document is directed towards two audiences: the customer and the EVSE installer. The group agreed and requested that the document be updated to clearly separate information for the customer versus the information directed towards the EVSE installer. The document will be updated and presented to the group for review at the March meeting.

## **ITEM #5: PRIORITIZATION OF REVI BARRIERS**

Ms. Freedman directed the group to the *Progress on Regional PEV Barriers* table. Per the request of the group, the barriers list has been updated to include a priority barometer. This update creates an easy way to identify the high priority barriers with a quick glance. Additionally, a column has been created for members to be able to easily identify group action items.

Ms. Freedman continued to the *Prioritization of San Diego REVI Barriers* flow chart. This flow chart was created to provide a visual tool of the barriers. The flow chart identifies three main barriers (Regional Planning for Public EVSE siting, Permitting Issues, and Utility PEV Solutions) and then flows into the other identified barriers. The idea behind this chart is to show the correlation between all the barriers and how addressing one can help towards resolving another.

Ms. Freedman requested that the group send any comments regarding this flow chart to her by 2/28/2013.

## **ITEM #6: EVGO PRESENTATION**

Jill Brandt, eVgo, presented to the group on the upcoming infrastructure projects in San Diego. Through a California Public Utilities Commission settlement, NRG Energy and its subsidiary, eVgo, will invest roughly \$150 million to install hundreds of DC fast charging sites and thousands of individual eVgo Level 2 charging stations at homes, offices, multi-family communities and public locations throughout the state. eVgo is beginning their California deployment in the San Diego market.

eVgo has a trademarked DC fast charging system called the “Freedom Station”. Freedom Stations are public DC fast charging systems with a combined Level 2 charger. The Freedom Station locations are selected based on the following criteria:

1. Easy access to freeway
2. High visibility
3. Security assessment
4. Retail engagement

A minimum of 200 Freedom Stations will be installed in California, with 15 to 20 prospective sites in the San Diego region. Consumers using the eVgo system will be required to either use a pay-as-you-go model or sign up for a user subscription option.

Prospective hosts at multi-family units or workplaces will be required to provide dedicated parking spots for the EVSE. As part of the settlement, eVgo will provide for hosts, the installation and design, permitting services, hardware, construction services, station maintenance, electrical power, customer support and comprehensive co-marketing for each site.

The installations will occur on a first-come-first-serve basis. Additional information for eVgo installations are available at: <https://www.evgonetwork.com/request-charging-station/>

#### **ITEM #7: REGIONAL PEV ACTIVITIES SINCE LAST REVI MEETING**

Mr. Petersen notified the group that the PEV readiness regional update is available for members at their convenience.

#### **ITEM #8: NEXT MEETING**

Mr. Petersen announced that the next meeting is scheduled for Thursday, March 21, 2013 at the SDG&E Energy Innovation Center.

#### **ITEM #9: MATTERS FROM MEMBERS**

Randy Shimka, SDG&E, stated that he did not receive the agenda email that was sent out last week. Staff will address this issue and advised that future emails may be sent via Outlook.

Mr. Pointon announced that SDG&E will attend the March 6, 2013 ECOTality update meeting, and will provide a summary for members during the March REVI meeting.

#### **ITEM #10: ADJOURNMENT**

The meeting was adjourned at 2:38 p.m.

### REVI Voting Member Attendance February 21, 2013

REPRESENTATION		NAME	MEMBER / ALTERNATE	ATTENDING
South County Subregion	City of Chula Vista	Brendan Reed	Member	YES
	City of Imperial Beach	Chris Helmer	Alternate	NO
North County Coastal Subregion	City of Del Mar	Ramsey Helson	Member	NO
	City of Carlsbad	Mike Grim	Alternate	YES
North County Inland Subregion	City of Escondido	Kathy Winn	Member	NO
	Vacant	Vacant	Alternate	-
East County Subregion	City of Santee	Kathy Valverde	Member	YES
	City of La Mesa	Scott Munzenmaier	Alternate	NO
City of San Diego		Jacques Chirazi	Member	YES
		Vacant	Alternate	-
County of San Diego		Peter Livingston	Member	NO
		Vacant	Alternate	-
San Diego Association of Governments		Susan Freedman, Chair	Member	YES
		Allison King	Alternate	YES
San Diego Regional Airport Authority		Paul Manasjan	Member	NO
		Brett Caldwell	Alternate	NO
Caltans, District 11		Chris Schmidt	Member	NO
		Vacant	Alternate	-
Unified Port District of San Diego		Michelle White	Member	NO
		Jenny Lybeck	Alternate	YES
San Diego Gas & Electric		Joel Pointon	Member	YES
		Randy Shimka	Alternate	YES
California Center for Sustainable Energy		Mike Ferry, Vice Chair	Member	NO
		Colin Santulli	Alternate	NO
University of California, San Diego		Dave Weil	Member	YES
		Jim Ruby	Alternate	NO
Miramar College, Advanced Transportation Technology and Energy Program		Greg Newhouse	Member	NO
		Vacant	Alternate	-
San Diego Electric Vehicle Network		Randy Walsh	Member	NO
		Vacant	Alternate	-
National Electrical Contractors Association		Karen Prescott	Member	YES
		Tim Dudek	Alternate	YES
International Brotherhood of Electrical Workers Local 569		Micah Mitrosky	Member	YES
		Vacant	Alternate	NO

**Others in Attendance**

Bill Cecil, City of Coronado

Nick Cormier, San Diego Air Pollution Control District

Justin Ker, Car2Go

David Powell, U.S. Navy

Martin Reeder, City of National City

Anna Lowe, SANDAG

Tyler Petersen, CCSE

Jessica Thoma, CCSE

Matthew Virgen, National City

Jamie Edmonds, EV Owner, Firefighter