**July 18, 2013 MEETING SUMMARY**

***DRAFT***

**ITEM #1: WELCOME AND INTRODUCTIONS**

Vice Chair Mike Ferry, California Center for Sustainable Energy (CCSE), called the meeting to order at 1:07 p.m. and welcomed everyone to the San Diego Regional Electric Vehicle Infrastructure Working Group (REVI).

**ITEM #2: ANNOUNCEMENTS**

Brendan Reed, City of Chula Vista, announced that Car2Go services have expanded to the City of Chula Vista.

Chris Schmidt, Caltrans District 11, announced that Caltrans, in association with ECOtality and SDG&E are in the process of installing DC fast chargers at the Del Lago Park and Ride. Mr. Schmidt said that the fast chargers are scheduled to be operational by August 31, 2013.

Randy Shimka, San Diego Gas and Electric (SDG&E), said that Del Lago Park and Ride will also have solar panels installed on-site.

Molly Ash, Cuyamaca Community College, said that Cuyamaca Community College will be installing seven DC fast chargers on campus.

**ITEM #3: SUMMARY OF THE MAY 16, 2013 MEETING**

There were no changes requested to the May 16, 2013 meeting summary.

Mr. Schmidt motioned to approve. Mr. Reed seconded the motion. Motion carried without opposition.

**CONSENT ITEM**

**ITEM #4: REGIONAL PEV BARRIERS PROGRESS REPORT**

Mr. Ferry noted that the attached PEV barriers table contains updated information on REVI’s progress.

**REPORT ITEMS**

**ITEM #5: BARRIER 4: TRAINING AND EDUCATION FOR MUNICIPAL STAFF AND ELECTRICAL CONTRACTORS**

Anna Lowe, San Diego Association of Governments (SANDAG), reviewed the attached fact sheet developed for municipal staff. Ms. Lowe commented that this document contains resources and technical training information to assist regional public agencies in becoming PEV ready.

REVI members provided the following comments:

* Mr. Reed suggested that there should be a linkage between this fact sheet and regional Climate Action Plans.
* Mr. Schmidt said that there should be a statement added that stresses the importance of infrastructure before having services such as car2go provided for a particular city. Mr. Schmidt further added that there are publicly available subsidies at the municipal level for such infrastructure.
* Mr. Reed commented that he likes how the fact sheet is presented.
* Mr. Schmidt clarified whether or not this will be a clickable information sheet online.
* Ms. Lowe responded that most links are called out so that people can also have the opportunity to print it out and take it with them and figure out where the information is located.
* Ms. Lowe requested that REVI members inform either SANDAG or CCSE about new, relevant resources so that it can be easily incorporated into the readiness plan.
* Mr. Schmidt commented that if these documents are to be published sooner rather than later, perhaps the group won’t have to approve one document after the other.
* Mo Lahsaie, City of Oceanside, commented that the Oceanside Fire Department was pleased to see PEV safety training first responders included in the fact sheet.
* Tony Williams, Quick Charge Power, noted that Tesla has a video on its website specifically for first responders.

Ms. Lowe then guided the group to the next fact sheet for electrical contractors. Ms. Lowe noted that this resource displays EVSE trainings available for regional electrical contractors, and EVSE equipment installation and maintenance best practices.

REVI members provided the following comments:

* Ms. Ash commented that Cuyamaca College will be offering an updated Electric Vehicle Infrastructure Training Program (EVITP) 3.0 training program with 32 hours of instruction. Ms. Ash said that the EVITP instructors attended training three weeks ago and they are ready to begin offering the course in September. Ms. Ash said more information will come later.
* Mr. Schmidt expressed concern that the committee remains objective.
* Mr. Reed asked if these documents are stand-alone handouts.
* Ms. Lowe said that what information is compiled through the REVI meetings will be incorporated in a more narrative format in the readiness plan.
* Mr. Schmidt suggested that other agencies could review the information.

**ITEM #6: BARRIER 5: LACK OF PUBLIC KNOWLEDGE OF PEV AND EVSE**

Allison King, SANDAG, reviewed the attached fact sheet developed to address PEV outreach and education for the general public. Ms. King commented that the information covers what a plug-in electric vehicle is, how it works and how it’s charged.

REVI members provided the following comments:

* Ms. King noted that the San Diego Clean Cities Coalition and SDG&E are working on informational material for dealerships.
* Mr. Schmidt suggested there be a video made full of testimonials for why people buy PEVs.
* Ms. Lowe noted that SANDAG would not be able to create these videos, but another group might want to take it on.
* Michelle White, Port of San Diego, suggested the Clean Cities Coalition create the videos.
* Mr. Shimka said that during National Plug-in Day, there may be many people who are willing to provide testimonials in a video.
* The group agreed and suggested that the video be hosted on the Clean Cities website.
* Dennis Mello, San Diego Regional Clean Cities Coalition (SDRCCC), said it would not be feasible to put such a video on the Clean Cities website without other organizations leading visitors to the website.
* Tyler Petersen, CCSE, briefly updated the REVI members about the dealership project. Mr. Petersen said that the project is in association with SDG&E, SDRCCC, SANDAG, CCSE, and the CVRP; the goal is to create a one-page information sheet for dealers to place in a newly purchased PEV. Mr. Petersen commented that a final product will be ready for REVI review in the next couple of months.
* A member of the public asked whether or not the government is still giving out HOV access stickers for PEVs, because it is a great incentive to highlight.
* Mr. Ferry described the differences between the two HOV access stickers: white HOV stickers are available to battery electric vehicles and green HOV stickers are available to plug-in hybrid electric vehicles.
* Mr. Petersen stated only 40,000 green HOV access stickers will be available. Approximately 15,000 have been distributed to-date.

**ITEM #7: BARRIER 10: COMMERCIAL AND WORKPLACE CHARGING**

Mr. Petersen reviewed the one page fact sheet for workplace charging.

REVI members provided the following comments:

* Mr. Shimka described SDG&E’s experience with workplace charging and lessons learned.
* Mr. Schmidt expressed concern about charging employees for workplace charging. Mr. Schmidt said Caltrans is trying to figure out how to make chargers available to the public and provide free service for employees.
* The group discussed the topic of making employees pay for workplace charging.
* Mr. Shimka provided an example of SDG&E’s workplace charging scenario, in which there is a kiosk used to keep track of the electricity consumed by each vehicle.
* The group agreed that this information should be readily available for downloading on each REVI member’s representing organization’s website.

Mr. Schmidt motioned to adopt and approve the fact sheets that had been presented in the meeting. Mr. Reed seconded the motion. Motion carried without opposition.

**ITEM #8: DRAFT PEV READINESS PLAN OUTLINE**

Ms. Lowe presented the group with a PowerPoint of key points in the draft outline.

REVI members provided the following comments:

* Mr. Reed said that the Governor’s executive order should be added to the introduction so that decision makers feel the demand to support EVs.
* Mr. Schmidt commented that it would be interesting to see what is motivating people to adopt PEVs.
* Mr. Petersen noted that the readiness plan will include demographics on regional PEV owners, but lacks testimonials from drivers.
* The group engaged in a discussion about the overall tone of the readiness plan. Mr. Schmidt believed that the plan should more represent the public interest rather than just what agencies should do; the plan should be more relatable.
* Mr. Schmidt described a disconnect he sees between the barriers table and the flowchart.
* Ms. Lowe noted that the flowchart clusters the barriers table to be more understandable.
* Susan Freed, County of San Diego, said that perhaps the recommendations should be targeted to the segment of the community that is adopting PEVs.
* Mr. Schmidt asked how the group will address problems people will meet, such as range anxiety.
* Mr. Reed asked if CVRP data would be used in the plan to help answer characteristics about PEV drivers; Mr. Ferry responded that they are not yet sure how to use CVRP data in the plan.
* Ms. Lowe said that the remaining fact sheet will be reviewed during the August meeting, a draft readiness plan will be presented in September and the public workshop is slated for early October.
* The group discussed timing issues for the public workshop in relation to National Plug-in Day.

**ITEM #9: MATTERS FROM MEMBERS**

There were no matters from members.

**ITEM #10: NEXT MEETING**

The next REVI meeting is scheduled for Thursday, August 15, 2013 at the SDG&E Energy Innovation Center, 4760 Clairemont Mesa Blvd, San Diego, CA 92117.

**ITEM #11: ADJOURNMENT**

The meeting was adjourned at 2:32PM.

**REVI Voting Member Attendance July 18, 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 | NO |
| North County Inland Subregion | City of Escondido | Kathy Winn | Member | NO |
| Vacant | Vacant | Alternate | - |
| East County Subregion | City of Santee | Kathy Valverde | Member | NO |
| City of La Mesa | Scott Munzenmaier | Alternate | NO |
| City of San Diego | | Jacques Chirazi | Member | NO |
| Vacant | Alternate | - |
| County of San Diego | | Peter Livingston | Member | NO |
| Susan Freed | Alternate | YES |
| San Diego Association of Governments | | Susan Freedman, Chair | Member | NO |
| Allison King | Alternate | YES |
| San Diego Regional Airport Authority | | Paul Manasjan | Member | NO |
| Brett Caldwell | Alternate | NO |
| Caltans, District 11 | | Chris Schmidt | Member | YES |
| Vacant | Alternate | - |
| Unified Port District of San Diego | | Michelle White | Member | YES |
| Jenny Lybeck | Alternate | NO |
| San Diego Gas & Electric | | Joel Pointon | Member | NO |
| Randy Shimka | Alternate | YES |
| California Center for Sustainable Energy | | Mike Ferry, Vice Chair | Member | YES |
| Colin Santulli | Alternate | NO |
| University of California, San Diego | | Dave Weil | Member | NO |
| 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 | NO |
| Tim Dudek | Alternate | NO |
| International Brotherhood of Electrical Workers Local 569 | | Micah Mitrosky | Member | NO |
| Vacant | Alternate | - |
| ADVISORY MEMBERS | | | | |
| Department of Defense | | Chris Parry | | NO |
| San Diego Air Pollution Control District | | Mike Watt | | NO |
| Nick Cormier | | YES |
| Metropolitan Transit System | | Claire Spielberg | | NO |
| City of Coronado | | Bill Cecil | | YES |
| City of Encinitas | | Diane Langager | | NO |
| City of National City | | Ray Pe | | NO |
| City of Solana Beach | | Dan King | | NO |
| City of Vista | | Lyn Dedmon | | NO |
| Ecotality | | Andy Hoskinson | | NO |
| Car2go | | Mike Cully | | NO |
| Aerovironment | | Charlie Botsford | | NO |
| Coulomb Technologies | | Colleen Quinn | | NO |
| General Electric | | David Wang | | NO |

Others in Attendance

Anna Lowe, SANDAG

Tyler Petersen, CCSE

Jessica Jinn, CCSE

Mo Lahsaie, City of Oceanside

Tony Williams, Quick Charge Power

Molly Ash, Cuyamaca Community College

Four members of the public