

REFUEL: SAN DIEGO REGIONAL ALTERNATIVE FUEL COORDINATING COUNCIL

FINAL MEETING NOTICE AND AGENDA

Date: Thursday, January 21, 2016

Time: 1:00 p.m. to 3:00 p.m.

Location: Center for Sustainable Energy
9325 Sky Park Court, Suite 100
San Diego, CA 92123

Staff Contact: Kevin Wood
Tel: (858) 244-7295
Email: kevin.wood@energycenter.org

AGENDA HIGHLIGHTS

- LEGISLATIVE UPDATES
- DRAFT SAN DIEGO REGIONAL ALTERNATIVE FUEL READINESS PLAN

In compliance with the Americans with Disabilities Act (ADA), CSE will accommodate persons who require assistance in order to participate in Refuel meetings. If such assistance is required, please contact CSE at (858) 244-1177 at least 72 hours in advance of the meeting.



www.sdcleancities.org/refuel

www.sandag.org/refuel

Refuel

Thursday, January 21, 2016

ITEM #		RECOMMENDATION
1.	WELCOME AND INTRODUCTIONS	
2.	PUBLIC COMMENT	
	Members of the public shall have the opportunity to address Refuel: San Diego Regional Alternative Fuel Coordinating Council on any alternative fuel (AF) issue that is not on this agenda. Public speakers are limited to three minutes or less per person. Refuel members may provide information and announcements under this item.	
REPORT ITEMS		
+3.	APPROVAL OF MEETING MINUTES	APPROVE
	Refuel: San Diego Regional Alternative Fuel Coordinating Council (Refuel) is asked to review and approve the minutes from its October 15, 2015 meeting.	
4.	LEGISLATIVE UPDATE	INFORMATION
	There has been a lot of activity in the legislature and at the State around alternative fuels. Staff will provide a brief update on conversations, workshops, and bills relevant to Refuel.	
5.	DRAFT SAN DIEGO REGIONAL ALTERNATIVE FUEL READINESS PLAN	ACCEPT
	The final Refuel deliverable is the development of the San Diego Regional Alternative Fuel Readiness Plan (Readiness Plan). Staff will present the Draft Readiness Plan to Refuel for discussion and possible acceptance. The Readiness Plan is available on the San Diego Regional Clean Cities Coalition website: http://www.sdcleancities.org/refuel/ and the SANDAG Refuel website: www.sandag.org/refuel .	
6.	PUBLIC WORKSHOP OVERVIEW	INFORMATION
	As part of the Readiness Plan outreach, a Public Workshop was conducted to engage the public, familiarize them with the alternative fuel efforts throughout the region, and soliciting input on the draft Readiness Plan and Alternative Fuel Toolkits. Staff will share comments and results from the Public Workshop with Refuel.	
+7.	UPCOMING MEETING DATES	INFORMATION
	Staff will share information on upcoming Readiness Plan meeting dates and provide an updated meeting schedule for final acceptance.	
8.	MATTERS FROM MEMBERS	INFORMATION
	Time permitting; Refuel members are encouraged to discuss additional topics of interest.	
9.	ADJOURNMENT	

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January 21, 2016

OCTOBER 15, 2015 MEETING MINUTES

File number 3200900

Action Requested: APPROVE

1. WELCOME AND INTRODUCTIONS

Kevin Wood (San Diego Regional Clean Cities Coalition [SDRCCC]) called the meeting to order at 2:05 p.m. and welcomed everyone to the meeting.

2. PUBLIC COMMENT

Greg Newhouse (ATTE Program, Miramar College) spoke of an alternative fuel training program held for the Freeway Service Patrol (FSP) tow truck drivers on September 19, 2015.

Mike Grim (City of Carlsbad) mentioned that on September 22, 2015, the Carlsbad City Council unanimously voted to adopt its General Plan Update and associated Climate Action Plan (CAP). Next steps would include implementation of the CAP, which details items related to alternative fuel vehicles (AFVs), including the vehicle purchasing policy.

Mr. Wood talked about National Plug-in Day held on September 19, 2015 at Liberty Station. This annual event was very successful with over 600 test drives and over 1,000 attendees.

Colin Santulli (Center for Sustainable Energy) acknowledged April Bolduc and the San Diego Gas & Electric (SDG&E) team for a great event.

Tom Bartley (San Diego Regional Clean Cities Coalition) commented that limited signage for the event made it difficult to find. Mr. Bartley shared his comments with Ms. Bolduc in hopes of a bigger turnout next year.

Nick Cormier (San Diego County Air Pollution Control District [ACPD]) informed the group on Proposition 1B: Goods Movement Emission Reduction Program, a grant program that opened mid-September for Zero-Emission Vehicles (ZEVs) and AFVs. Mr. Cormier also spoke of a workshop that was hosted on October 14, 2015 with the California Air Resources Board (ARB) that discussed grant funding and cleaner diesel opportunities. Mr. Cormier commented on how helpful the toolkit for fleets is in sharing information about new technologies for AFVs.

Anna Lowe (San Diego Association of Governments [SANDAG]) suggested distributing information on Proposition 1B: Goods Movement Emission Reduction Program to the Refuel distribution list.

3. JULY 15, 2015 MEETING MINUTES (APPROVE)

Mr. Newhouse motioned to approve the meeting minutes from July 15, 2015, and Mr. Grim seconded the motion.

4. SUBCOMMITTEE UPDATES

Ms. Lowe commented on the discussion that occurred at the EV subcommittee meeting on August 28, 2015 and the Hydrogen subcommittee meeting on September 15, 2015. The meeting summaries are included in the meeting agenda packet.

Allison Wood (SANDAG) shared that Plug-in SD has a goal to implement the San Diego Regional Plug-in Electric Vehicle (PEV) Readiness Plan (PEV Readiness Plan) created through the San Diego Regional Electric Vehicle Infrastructure (REVI) working group. Plug-in SD has developed resources on best practices for permitting and installation, and inspection. Additionally, the program has an "EV Expert" who would provide technical assistance to local governments and PEV stakeholders. Plug-in SD has worked on draft reports and permitting checklists, and will be reaching out to local governments for input. Ms. Lowe mentioned that the Plug-in SD Fact Sheet can be sent out to the Refuel distribution list as well.

5. LEGISLATIVE UPDATE

Mr. Wood provided a legislative update on bills that have been signed by the Governor as of October 11, 2015:

- Senate Bill (SB) 350 (De Leon, 2015), the Golden State Standards, increases the Renewable Portfolio Standard to 50 percent and increases energy efficiency in buildings by 50 percent by 2030. This bill adds "transportation electrification" (TE) to the PUC code.
- Assembly Bill (AB) 1288 (Atkins, 2015) adds two additional members to the ARB board who would serve as representatives of the interests of disadvantaged communities.
- AB 692 (Quirk, 2015) requires any state agency that is a buyer of transportation fuels to procure a percentage of the fuel from low carbon transportation fuel sources, and the amount is to be increased each year thereafter, beginning January 1, 2017.
- AB 808 (Ridley-Thomas, 2015) expands the authority of the California Department of Food and Agriculture (CDFA) to include alternative fuels.
- AB 1236 (Chiu, 2015), Electric Vehicle Permitting, requires cities to create an expedited permitting and inspection process for electric vehicle charging stations (EVCS), and mandates cities to adopt an ordinance for streamlined permitting.
- SB 513 (Beall, 2015) includes authorization of fees under the Carl Moyer Memorial Air Quality Standards Attainment Program to be used for projects that involve alternative fuel and electric infrastructure.
- AB 1250 (Bloom, 2015) exempts transit buses procured through a solicitation process issued before January 1, 2016 from the statutory weight limit of 20,500 pounds on any one axle of a transit bus.
- AB 1032 (Salas, 2015), the Diesel Fuel Tax Law, ensures fair taxation of biodiesel to ensure it does not get taxed twice when blended.

Mr. Wood shared a list of bills that are being carried over as two-year bills:

- SB 32 (Pavley, 2015), the Global Warming Solutions Act, requires ARB to create a statewide greenhouse gas emissions limit that is equivalent to 80 percent below the 1990 level to be achieved by 2050. This bill failed the floor vote but has been referred to the Assembly Natural Resources Committee.
- AB 857 (Perea, 2015) reserves 50 percent or \$100 million annually, whichever is greater, of Greenhouse Gas Reduction Fund (GGRF) monies allocated to the California Clean Truck, Bus, and Off-Road Vehicle and Equipment Technology Program (AB 1204 program) to support the commercial deployment of existing zero- and near zero-emission heavy-duty truck technology that meets or exceeds ARB's optional low NOx standard between 2018 and 2023.

- AB 904 (Perea, 2015) requires ARB to establish a Clean Reused Vehicle Rebate Project (CRVRP) within the Air Quality Improvement Program (AQIP) by July 1, 2017.

Mr. Wood also mentioned that there are a number of bills looking to the GGRF for funding.

6. DRAFT SECTOR-SPECIFIC TOOLKITS

Mr. Wood provided an update on the development of the toolkits and presented the completed draft toolkits which can also be accessed via the link in the agenda. Mr. Wood referenced a timeline of past regional alternative fuel efforts and their advancements:

- In 2009, SANDAG completed an AFV Infrastructure Report, the first alternative fuel planning effort in the region.
- REVI was formed in 2011 and created the PEV Readiness Plan.
- The San Diego Regional Alternative Fuel Coordinating Council, or Refuel, was created in fall 2014.
- In July 2015, Plug-in SD was kicked-off to implement recommendations of the PEV Readiness Plan.
- Since Refuel began, the region has received two new Compressed Natural Gas (CNG) stations, more EVCS (DCFC stations in particular), more ethanol stations, and renewable diesel is now being sold at two Propel stations.
- There has been growing interest in hydrogen, and the region will receive a new hydrogen station in 2016.

Mr. Wood informed the group that the goal is to cover all fuels in each sector-specific toolkit. The toolkits aim to create greater awareness and understanding of AFVs to address existing barriers. Mr. Wood presented a general overview of the draft toolkits and mentioned that they can be accessed on the SDRCCC and SANDAG webpage. Mr. Wood spoke of specific focuses for most toolkits:

- The draft Fleet Toolkit focused on detailed case studies, calculators for costs and emissions, and considerations for infrastructure.
- The draft Consumer Toolkit provided basic fuel facts for consumer awareness, types of vehicle and infrastructure availability, as well as additional resources.
- The draft Fuel Marketers and Retailers Toolkit has listed policy drivers, sales potential, equipment considerations, and trade group resources for different industries. In addition, the toolkit includes considerations for putting alternative fuels at your station and resources to help do that.
- The draft First Responders Toolkit included a policy drivers section about the importance of training, available training programs, funding resources, and emergency response guides.

Mr. Wood and Ms. Lowe discussed outreach through the subcommittee meetings, external stakeholder meetings, and one-on-one meetings to inform on and distribute the draft toolkits. Refuel will develop a Readiness Plan that will look at the future of alternative fuel technology and advancements. Future efforts that would be addressed include funding, station development, and an alternative fuel expert. Mr. Wood and Ms. Lowe asked the group about next steps towards the utilization of the toolkits:

- Jeff Wyner (City of Escondido) mentioned that dealerships would be a good venue to provide this information to the public.
- Mr. Santulli mentioned that Plug-in SD has a piece that addresses the dealers and consumer component for PEVs. In addition, Mr. Santulli suggested looking at municipal and private fleets as a target audience for all AFVs.

- Mr. Cormier suggested having printed material available for consumers for those with no or limited access to the internet. He added that possible locations for these materials are local smog stations. Mr. Wyner commented that smog stations may see this as a disincentive due to their client-base. Mr. Cormier noted that conversely material is available from the state on how to replace a vehicle that has failed a smog check.
- Mr. Newhouse suggested having printed toolkits at a smog referral station for those interested in varying options such as an AFV.
- Mr. Bartley suggested adding a link to the documents and printed materials for the most up to date version of the document.
- Mr. Grim mentioned that Carlsbad's Chamber of Commerce has a Sustainability Committee that would be interested in receiving a presentation on the toolkits.
- Mr. Newhouse added that the San Diego North Chamber of Commerce would be interested in a toolkit presentation as well. Mr. Newhouse also pointed out that community colleges offer first responder programs that can utilize the links in the toolkits.

Ms. Lowe explained that the draft toolkits do not need to be finalized until the Readiness Plan goes to print. Comments or additional resource suggestions would be accepted until Friday, November 20, 2015.

7. SAN DIEGO REGIONAL BARRIERS TO ALTERNATIVE FUEL DEPLOYMENT UPDATE

Ms. Lowe referenced the existing barriers table included in the agenda, and mentioned that the toolkits and the Readiness Plan would work to address the barriers identified in the region. She added that there is some overlap in the various efforts that will continue this work such as the Plug-in SD Program. Ms. Lowe explained that the SRCCC has been a big partner in this process and are working on an activity plan for the next year. SDRCCC would continue the toolkit outreach and share with other coalitions. Mr. Wood highlighted that Plug-in SD would aid in the implementation of PEV actions and would anticipate Energy Commission funding for alternative fuel implementation work in the future.

8. UPCOMING MEETING DATES

Ms. Lowe informed the group that after November 20, 2015 the focus of Refuel would be on the Readiness Plan development and ensuring that items discussed in the subcommittee meetings have been captured. The upcoming joint Regional Energy Working Group (EWG) and Regional Planning Technical Working Group (TWG) meeting at SANDAG will also include a discussion of the toolkits.

Ms. Lowe shared that the draft Readiness Plan will be distributed in mid-December to Refuel and the EWG, and comments can be submitted via email. In mid-January, Refuel will hold a public workshop to collect all final comments, and the last Refuel meeting will be on January 21, 2016 where approval of the toolkits and Readiness Plan is anticipated. She added that the item will be taken to the SANDAG Board of Directors (BOD) for approval. The last page of the agenda includes a calendar of upcoming meeting dates.

9. MATTERS FROM MEMBERS

Mr. Newhouse mentioned that the Energy Commission awarded San Diego Miramar College a Contract to develop AFV education. A major aspect of this would be providing equipment such as a CNG engine for community colleges to hold AFV training. Additionally, the grant would fund curriculum development, faculty training, and look at improving for-credit programs and workforce training programs. Further details will be determined by January 2016.

Ms. Wood mentioned that the SANDAG BOD unanimously adopted San Diego Forward: The Regional Plan on October 9, 2015. The Plan includes funding for a regional charger program starting in 2020. Ms. Wood thanked Mr. Santulli for speaking at the meeting on PEV advancements.

Mr. Bartley mentioned that petroleum prices are low because OPEC and the Middle East are trying to break the oil frackers. If they did this, there would be a huge transfer in the United States from diesel to natural gas which is also obtained by fracking. For the next two years, Mr. Bartley noted that the commodity price of oil is expected to rise.

10. ADJOURNMENT

Ms. Lowe adjourned the meeting at 2:36pm.

**October 15, 2015, SAN DIEGO REGIONAL ALTERNATIVE FUEL COORDINATING COUNCIL MEETING
ATTENDANCE**

REPRESENTATION	JURISDICTION / ORGANIZATION	NAME	MEMBER / ALTERNATE	ATTENDING
South County Subregion	City of Chula Vista	Barbara Locci	Member	YES
North County Coastal Subregion	City of Carlsbad	Mike Grim	Member	YES
	City of Oceanside	Mo Lahsaie	Alternate	NO
North County Inland Subregion	City of Escondido	Jeff Wyner	Member	YES
East County Subregion	City of Santee	Kathy Valverde	Member	NO
City of San Diego		Jacques Chirazi	Member	NO
County of San Diego		Susan Freed	Member	NO
San Diego Association of Governments	Anna Lowe, Co-Chair		Member	YES
	Susan Freedman		Alternate	YES
San Diego Regional Airport Authority		Brendan Reed	Member	NO
Caltrans, District 11		Chris Schmidt, Chair	Member	NO
Unified Port District of San Diego	Michelle White		Member	NO
	Kellie Carlson		Alternate	YES
San Diego Gas & Electric	Randy Schimka		Member	YES
	Greg Haddow		Alternate	NO
Center for Sustainable Energy		Colin Santulli	Member	YES
University of California, San Diego		Jim Ruby	Member	NO
Miramar College, ATTE Program		Greg Newhouse	Member	YES
San Diego County Air Pollution Control District		Nick Cormier	Member	YES

ADVISORY MEMBERS			
City of Coronado	Bill Cecil	Advisory	NO
City of Del Mar	Kristen Crane	Advisory	NO
City of El Cajon	Matt Lyer	Advisory	NO
City of Encinitas	Bryce Wilson	Advisory	YES
City of Imperial Beach	Chris Helmer	Advisory	NO
City of La Mesa	Howard Lee	Advisory	NO
City of Lemon Grove	Mike James	Advisory	NO
City of National City	Ray Pe	Advisory	NO
City of Poway	Eric Heidemann	Advisory	NO
City of San Marcos	Lisa Fowler	Advisory	NO
City of Vista	Lyn Dedmon	Advisory	NO
Metropolitan Transit System	Sharon Cooney	Advisory	NO
North County Transit District	Vacant	Advisory	NO
Department of Defense/Military	David Powell	Advisory	NO
San Diego Regional Clean Cities Coalition	Kevin Wood	Advisory	YES
Energy Policy Initiatives Center	Nilmini Silva-Send	Advisory	NO
University of San Diego	Michael Catanzaro	Advisory	NO
San Diego Regional Chamber of Commerce	Mike Evans	Advisory	NO
CleanTECH San Diego	Jason Anderson	Advisory	NO

Others in Attendance:

Tom Bartley, SDRCCC
Candace Chu, CSE
Michelle Heaton, Amerigas Propane
Jack Hogan, Clean Energy
Albert Mar, APCD
Michelle Martinez, SANDAG
Steve Moore, Expo Propane
Allison Wood, SANDAG

Refuel:		Refuel	Subcommittee Meetings					Toolkit Outreach		Readiness Plan Acceptance	
Meeting Schedule		Q - Mtgs	Electricity	Natural Gas	Propane	Biofuel	Hydrogen				
2014	October	10/16/2014									
	November		11/19/2014								
	December										
2015	January	1/15/2015			1/8/2015		1/12/2015				
	February					2/26/15					
	March		3/12/15								
	April	4/16/2015		4/22/15			4/2/15*				
	May										
	June			6/11/2015							
	July	7/15/2015				7/9/2015		7/21/2015	CCC Fleet Mgr		
	August		8/28/2015					8/21/2015	SoBEAC		
	September							9/15/2015	FSP Training**		
	October	10/15/2015						10/27/2015	NoCEAC		
	November							11/12/2015	EWG / TWG		
	December										
2016	January	1/21/2016						1/14/2016	Public Workshop	1/28/2016	SANDAG EWG
	February									2/5/2016	SANDAG RPC
	March									2/19/2015	SANDAG BOD

*Refuel as a collaborator

**Refuel training - NOT toolkit outreach

Bolded meeting dates indicate toolkit outline presentation and discussion