



# **Western Riverside Council of Governments Clean Cities Coalition**

## **SPECIAL MEETING AGENDA**

**Wednesday, May 1, 2019  
1:00 p.m.**

**Western Riverside Council of Governments Office  
3390 University Ave., Suite 450  
Riverside, CA 92501**

### **\*PLEASE NOTE MEETING LOCATION\***

In compliance with the Americans with Disabilities Act and Government Code Section 54954.2, if special assistance is needed to participate in the Clean Cities Coalition meeting, please contact WRCOG at (951) 405-6703. Notification of at least 48 hours prior to meeting time will assist staff in assuring that reasonable arrangements can be made to provide accessibility at the meeting. In compliance with Government Code Section 54957.5, agenda materials distributed within 72 hours prior to the meeting which are public records relating to an open session agenda item will be available for inspection by members of the public prior to the meeting at 3390 University Avenue, Suite 450, Riverside, CA, 92501.

The Clean Cities Coalition may take any action on any item listed on the agenda, regardless of the Requested Action.

- 1. CALL TO ORDER**
- 2. PUBLIC COMMENTS**

At this time members of the public can address the Clean Cities Coalition regarding any items listed on this agenda. Members of the public will have an opportunity to speak on agendized items at the time the item is called for discussion. No action may be taken on items not listed on the agenda unless authorized by law. Whenever possible, lengthy testimony should be presented to the Committee in writing and only pertinent points presented orally.

- 3. MINUTES**

**P. 1**

- A. Summary Minutes from the October 24, 2018, Clean Cities Coalition Meeting are Available for Consideration.**

**Requested Action:** 1. *Approve the Summary Minutes from the October 24, 2018, Clean Cities Coalition meeting.*

#### 4. REPORTS / DISCUSSION

A. **Alternative Fuel Corridors Tool Training** *Taylor York, Kearns & West* P. 5

**Requested Action:** 1. *Receive and file.*

B. **SoCal AltCar Conference, Expo and Ride & Drive Update** *Lupe Lotman, WRCOG* P. 7

**Requested Action:** 1. *Receive and file.*

C. **Alternative Fuel Vehicle and Station Cost Tracker** *Taylor York, Kearns & West* P. 9

**Requested Action:** 1. *Discuss and provide input.*

D. **Grant Opportunities Update** *Diane Sanchez, WRCOG* P. 11

**Requested Action:** 1. *Receive and file.*

#### 5. ITEMS FOR FUTURE AGENDAS *Members*

Members are invited to suggest additional items to be brought forward for discussion at future Clean Cities Coalition meetings.

#### 6. GENERAL ANNOUNCEMENTS *Members*

Members are invited to announce items / activities which may be of general interest to the Clean Cities Coalition.

7. **NEXT MEETING:** **The next Clean Cities Coalition meeting is scheduled for Wednesday, July 24, 2019, at 1:00 p.m.; location to be determined.**

#### 8. ADJOURNMENT

**1. CALL TO ORDER**

The meeting of the Clean Cities Coalition was called to order at 1:00 p.m. by Chair Eric Lewis at WRCOG's Office, Citrus Conference Room.

**2. SELF INTRODUCTIONS**

**Members present:**

Eric Lewis, City of Moreno Valley (Chair)  
Mike Roberts, City of Riverside  
Andy Ramirez, City of San Jacinto  
Jason Farin, Riverside County Executive Office  
Todd Warden, South Coast Air Quality Management District

**Staff present:**

Christopher Gray, Director of Transportation & Planning  
Casey Dailey, Director of Energy and Environmental Programs  
Christopher Tzeng, Program Manager  
Kyle Rodriguez, Staff Analyst  
Diane Sanchez, Clean Cities Intern

**Guests present:**

Taylor York, Kearns & West Senior Associate  
Jonathan Palacios-Avila, StratosFuel  
John Avila, StratosFuel  
Beth Hanson, StratosFuel  
Stormy Osifeso, City of Riverside

**3. PUBLIC COMMENTS**

There were no public comments.

**4. MINUTES** – *(Moreno Valley / County) Item 4.A was approved by the Committee as a whole. The Cities of Banning, Calimesa, Canyon Lake, Corona, Eastvale, Hemet, Jurupa Valley, Lake Elsinore, Menifee, Murrieta, Norco, Perris, and Temecula were not present.*

**A. Summary Minutes from August 29, 2018 Clean Cities Coalition Meeting are Available for Consideration.**

**Action:** 1. *Approved the Summary Minutes from the August 29, 2018, Clean Cities Coalition meeting.*

**5. CONSENT CALENDAR** – *(Moreno Valley / County) Item 5.A was approved by the Committee as a whole. The Cities of Banning, Calimesa, Canyon Lake, Corona, Eastvale, Hemet, Jurupa Valley, Lake Elsinore, Menifee, Murrieta, Norco, Perris, and Temecula were not present.*

**A. Clean Cities Coalition 2019 Meeting Schedule**

**Action:** 1. *Approved the schedule of Clean Cities Coalition meetings for 2019.*

## **6. REPORTS / DISCUSSIONS**

### **A. Alternative Fuel Corridor Tool Rollout Discussion**

Christopher Gray reported that the alternative fuel corridor tool is ready for cities to use. Commercial and consumer data is used on an aggregate level to identify how many alternatives fueled vehicles (AFV) are being used in cities showing real density. Data is expected to arrive for years 2015, 2016, and 2017, displaying any type of vehicles.

There is a guest login to utilize the tool. There are multiple ways WRCOG staff can and will support training coalition members including, but not limited to, in-person meetings, webinars, and conference calls. All methods are an appropriate way for members to learn how to use the tool. Coalition members have been asked to choose a representative from their jurisdiction; representatives should be familiar with AFV and GIS. In-person meetings are ideal for bigger fleets and online webinars are ideal for smaller cities, with fewer fleets. WRCOG will host the meetings and be flexible to meet Coalition members' availability.

The GIS tool will be presented at an upcoming Public Works Committee meeting to encourage non-members to become members of the Coalition. Only members will be allowed to use the GIS tool due to sensitive data. Staff continues to share some data, but there are concerns with licenses and who will use data.

Chairman Eric Lewis asked if the tool allows seeing the brands of vehicles and chargers.

Taylor York responded that the tool will initially include data on the chargers and there is flexibility in the tool in terms of providing as much detail that the agency can provide. Staff anticipates that the tool will help with forthcoming grants for vehicles such as electric buses.

Coalition member Andy Ramirez asked if the tool tracking will indicate what route drivers are taking, and if they have alternative fuel vehicles, will it help fleets decide where to go, and what locations to refuel at.

Mr. York responded that the tool might not be able to provide routes, but it will provide the cities that are operating AFVs. While the progression of the tool comes, Staff may be able to advance the tool, although the tool is still in a testing phase. For now, there is a layer of which stations there are in each zip code. Members can add new stations or prepare plans for new stations, and Staff will follow up with grant funding.

Screenshots of the TUMF zones, borders, and electric fueling stations were shared. The screenshots showed the 91 freeway as a non-designated corridor that is not an AFV corridor. As a Clean Cities Coalition, staff can ask the state to designate it as an AFV corridor. Staff is proceeding with designating the 91 freeway as an AFV corridor so that grants may come.

Todd Warden mentioned that the FAST Act could make a good case and designating the corridor to be funded. The state will not designate a place located in the "boonies" but will fund a high demand area that is more competitive.

**Action:**        1.        *Received and filed.*

### **B. Compressed Natural Gas Technology Focus Group**

Taylor York reported that one task of the Coalition is to facilitate fuel and technology workshops. The most current effort is focusing on Compressed Natural Gas (CNG) based on requests from member agencies and stakeholders to learn more about this and the experiences, challenges, successes, maintenance, range, fuel familiarity, and much more. Staff is requesting that members of the Coalition

decide on an appropriate person to attend. Staff mentioned that a few cities have agreed to investigate it more.

**Action:** 1. *Received and filed.*

### **C. Guest Presentation: Local Fuel Cell Vehicle Rideshare Program**

Jonathan Palacios-Avila reported that StratosFuel is a hydrogen provider developing a fuel cell powered car sharing program. Reward funds have a few hydrogen stations including one in Ontario. StratosFuel's hydrogen fuel cell car sharing program is expected to launch in the summer of 2019 and will provide users with approximately 15 fuel cell powered vehicles that can be picked up and dropped off at convenient locations throughout Riverside. Through a phone app, customers can reserve a car by the mile, hour, or day. StratosFuel is looking to deploy 50 vehicles by 2019. This program will be convenient for disadvantaged communities and can even offer lower rates than currently provided.

Chairman Eric Lewis asked about the driving distance of the vehicles.

Mr. Palacios-Avila responded that hourly rentals are limited to Riverside; day rentals can allow up to 400 miles, so going to the beach is an option. South Coast Air Quality Management District has been providing ports for marketing; the California Energy Commission, and Toyota have both helped to sponsor this Program.

StratosFuel car sharing is the first of its kind in the United States to have a hydrogen car share. StratosFuel is looking to launch in February 2019. StratosFuel still needs help testing the app and asked for WRCOG's assistance.

Kyle Rodriguez asked if there is going to be a minimum age limit.

Mr. Palacios-Avila expressed that although some universities are looking to permit for those of ages 18 and up, for now, due to insurance, the minimum age requirement will be 21 years old. Also, drivers must have a clean record.

Coalition member Andy Ramirez asked about the mechanics for heavy-duty vehicles, and if more are being converted / purchased as electric or hydrogen.

Mr. Palacios-Avila responded that there are heavy-duty hydrogen fleets at the port, and hydrogen fleets are beginning to become an alternative to electric conversions, a big consideration for fleets is the activity type, cycle and duration of each fleet's duty.

**Action:** 1. *Received and filed.*

### **D. City of Riverside Alternative Fueling Station Tour**

The City of Riverside provided a tour of the Hydrogen fueling station at the City Corporation Yard after the meeting was adjourned.

**Action:** 1. *Received and filed.*

## **7. ITEMS FOR FUTURE AGENDAS**

The Coalition will explore the possibility of conducting a tour of a local alternative fueling facility.

## **8. GENERAL ANNOUNCEMENTS**

There were no general announcements.

**9. NEXT MEETING:** The next Clean Cities Coalition meeting is scheduled for Wednesday, January 23, 2019, at 1:00 p.m.; location to be determined.

**10. ADJOURNMENT:** The meeting was adjourned at 1:55 p.m.



# Western Riverside Council of Governments

## Clean Cities Coalition

### Staff Report

**Subject:** Alternative Fuels Corridor Tool Training

**Contact:** Taylor York, Kearns & West, [tyork@kearnswest.com](mailto:tyork@kearnswest.com), (951) 405-3405

**Date:** May 1, 2019

*The purpose of this item is to train members of the Clean Cities Coalition on the Alternative Fuels Corridor Tool.*

#### **Requested Action:**

1. Receive and file.

As part of the Western Riverside County Clean Cities Coalition's effort to improve alternative fuel vehicle (AFV) fueling options for jurisdictions, fleets, and AFV drivers in Western Riverside County, as well as those drivers passing through the County, WRCOG has developed an Alternative Fuels Corridors Tool. This tool will help to identify existing, planned, and needed signage along existing FAST ACT corridors, and may help identify missing corridors that should be nominated for designation. It will also include information on AFV usage within the subregion and can be used to create a prioritized list of station siting opportunities, making applications for grant funding more efficient.

Input from Coalition members will be very important to this process. Staff have developed a tool to help gather this feedback through a simple survey-based method. Staff will facilitate a training to familiarize Coalition members with the process of providing input through the tool and will walk through key components that will assist in future AFV infrastructure planning activities, alternative fuels corridor development, research and preparation of alternative fueling readiness plans, and planning for future fueling infrastructure development where current corridor gaps exist.

Staff will continue development and build out of the tool and will work to help nominate the State Route 91 corridor as a FAST-ACT corridor for electric vehicle charging. Staff will be available for one-on-one training as needed.

#### **Prior Action:**

**October 24, 2018:** The Clean Cities Coalition received and filed.

#### **Fiscal Impact:**

This item is for informational purposes only; therefore, there is no fiscal impact.

#### **Attachment:**

None.

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# Western Riverside Council of Governments

## Clean Cities Coalition

### Staff Report

**Subject:** SoCal AltCar Conference, Expo and Ride & Drive Update

**Contact:** Lupe Lotman, Staff Analyst, [llozman@wrcog.us](mailto:llozman@wrcog.us), (951) 405-6722

**Date:** May 1, 2019

*The purpose of this item is to provide an update to the Clean Cities Coalition on the 2019 AltCar Conference, Expo and Ride & Drive.*

**Requested Action:**

1. Receive and file.

On October 16, 2019, the Western Riverside Council of Governments will host the 1st Annual SoCal AltCar Conference, Expo and Ride & Drive at the Riverside Convention Center. Over the past 15 years, the Conference, has been hosted in various locations in California (Oakland, Sacramento, and Santa Monica), has brought together groups of leading policy makers, fleets, sustainability directors, and legislators to discuss the importance of alternative and advanced technology transportation. AltCar's purpose is to increase awareness and knowledge of alternative fuel vehicles in California and provide an opportunity for local governments, staff, and residents an opportunity to learn about the different alternative fuel vehicle choices available.

As part of the SoCal AltCar Expo, through the ride & drive opportunity, attendees will have the opportunity to test drive some of the industry's leading alternative fuel vehicles and the opportunity to ask questions of subject matter experts.

Staff is currently convening a Planning Advisory Committee to guide development of the agenda, speaker list, and the goals of the SoCal AltCar Conference, Expo and Ride & Drive.

**Prior Action:**

None.

**Fiscal Impact:**

This item is for informational purposes only; therefore, there is no fiscal impact.

**Attachment:**

None.

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# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Alternative Fuel Vehicle and Station Cost Tracker

**Contact:** Taylor York, Kearns & West, [tyork@kearnswest.com](mailto:tyork@kearnswest.com), (951) 405-3405

**Date:** May 1, 2019

*The purpose of this item is to provide an update on the Clean Cities alternative fuel vehicle and station cost tracking requirement.*

### **Requested Action:**

1. Discuss and provide input.

Clean Cities Coalitions are expected to engage in activities that support the goals and objectives of the National Clean Cities Program. As an active participating Coalition in the National Program, the Western Riverside County Clean Cities Coalition develops an annual Program Management Plan that outlines important goals, deliverables, and due dates, as well as efforts that connect Coalition activities to U.S. Department of Energy (DOE) required contract deliverables.

As part of the Clean Cities Program, WRCOG regularly tracks alternative fueling station availability and fuel prices around the Western Riverside subregion. This data is used by the DOE to better understand the national alternative fuel vehicle landscape and to support tools such as the Alternative Fuel Data Center Station Locator. Western Riverside County Clean Cities Coalition staff also utilize and share this data to identify needs and opportunities for the adoption of vehicles and fueling stations in the subregion.

This Program year, the Coalition is working to increase the types of data collected and will be supporting a DOE effort to understand actual costs of vehicles and fueling infrastructure. To do this, Coalition staff are requesting the assistance of Coalition members to provide available data. Realizing that time is extremely valuable for all Coalition members, staff would like to start a dialogue about the best way to collect this new data. Members will receive an update on the task, the types of data that will be needed, and next steps.

### **Prior Action:**

None.

### **Fiscal Impact:**

This item is for informational purposes only; therefore, there is no fiscal impact.

### **Attachment:**

None.

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# Western Riverside Council of Governments Clean Cities Coalition

## Staff Report

**Subject:** Grant Opportunities Update

**Contact:** Diane Sanchez, Clean Cities Coalition Intern, [dsanchez@wrcoq.us](mailto:dsanchez@wrcoq.us), (951) 405-6734

**Date:** May 1, 2019

*The purpose of this item is to provide information on various alternative fuel grant and funding opportunities.*

### Requested Action:

1. Receive and file.

Staff will provide a presentation on the compiled list of alternative fuels grant and funding opportunities.

### VW Settlement Funds

The VW Settlement is providing \$423 million for California to mitigate the excess nitrogen oxide (NOx) emissions caused by VW's use of illegal emissions testing. At least half of the funding has been reserved to benefit low-income or disadvantaged communities.

- **Eligible Applicants:** Governmental Agencies & School Districts.
- **Funding Type:** Grant. Up to 100% funding available for EV charger. 33% of funding available for Hydrogen Stations.
- **Funding Opportunities:** Five categories of vehicles and equipment are eligible for funding:

Project Category	Application Type	Total Amount Allocated
Zero-Emission Transit, School, and Shuttle Buses	First-Come / First-Served	\$130 Million
Zero-Emission Class 8 Freight and Port Drayage Trucks	First-Come / First-Served	\$90 Million
Zero-Emission Freight and Marine Projects	Competitive Solicitation	\$70 Million
Combustion Freight and Marine Projects	Competitive Solicitation	\$60 Million
Light-Duty Zero-Emission Vehicle Infrastructure	Competitive Solicitation	\$10 Million

- **Application Status:** Project categories will be release on a quarterly basis in 2019. Nothing has been released as of yet.
- **Application Deadline:** More information will be provided when funding is made available.

- **Link to Grant:** <https://ww2.arb.ca.gov/our-work/programs/volkswagen-environmental-mitigation-trust-california/how-apply-vw-environmental>

**CALeVIP: Southern California Incentive Program**

The Southern California Incentive Program is currently accepting applications for its California Electric Vehicle Incentive Program (CALeVIP) on a rolling deadline. CALeVIP works to address regional needs for electric vehicle (EV) charging infrastructure throughout California while supporting the state’s goals to improve air quality, fight climate change, and reduce petroleum use.

- **Eligible Applicants:** Be site owner or have site owner authorization to install; be a business, nonprofit organization, California Native American Tribe listed with the Native American Heritage Commission, be a public or government entity, be based in California, or have a California-based affiliate.
- **Funding Type:** Rebate for the purchasing and installation of eligible public DC Fast Charger infrastructure.
  - Rebate will cover: Electric Vehicle Supply Equipment (EVSE), installation costs (labor and materials), utility service order, planning and engineering design costs, project signage, advanced energy storage, network agreement with network provider for the DC Fast-Charge only, warranty (service and parts) for the DCFC only.
- **Application Status:** Application available.
- **Funding Opportunities:** Four different rebate amounts based on Type and Tract

Charger / Installation Type	DAC / Non-DAC Tract	Maximum Rebate Amount per Charger
New	DAC	\$80,000
New	Non-DAC	\$70,000
Stub-out	DAC	\$80,000
Stub-out	Non-DAC	\$70,000
Replacement / Make-ready	DAC	\$80,000
Replacement / Make-ready	Non-DAC	\$40,000

- **Eligible projects:** Infrastructure development.
  - Must apply for funding online before purchasing and installing stations.
- **Application Status:** Application available.
- **Application Deadline:** First come-first serve.
- **Link to Grant:** <https://calevip.org/incentive-project/southern-california>

**Federal Transit Administration (FTA): Low or No Emission (Low-No) Program**

The purpose of the Low-No Program is to support the transition of the nation’s transit fleet to the lowest polluting and most energy efficient transit vehicles. The Low-No Program provides funding to state and local governmental authorities for the purchase or lease of zero-emission and low-emission transit buses, including acquisition, construction, and leasing of required supporting facilities.

- **Eligible Applicants:** Native American tribal governments (Federally recognized), city or township governments, state governments, county governments.

- **Funding Type:** Match funding, must list a contractor partner.
- **Funding Opportunities:** \$55 million per year is available. Funds are available the year granted plus three years.
- **Eligible projects criteria:**
  - Purchasing or leasing low- or no-emission buses.
  - Acquiring low- or no-emission buses with a leased power source.
  - Constructing or leasing facilities and related equipment (including intelligent technology and software) for low- or no-emission buses.
  - Constructing new public transportation facilities to accommodate low- or no-emission buses.
  - Rehabilitating or improving existing public transportation facilities to accommodate low- or no-emission buses.
  - Grant must not exceed 85% of total transit bus expenses. Grant must not exceed 90% of net project cost of leasing or acquiring low- or no-emission buses related equipment and facilities.
- **Application Status:** Application available
- **Application Deadline:** May 14, 2019
- **Link to Grant:** <https://www.transit.dot.gov/funding/grants/lowno>

### **Carl Moyer Program (Heavy Duty Vehicles)**

South Coast Air Quality Management Department is accepting applications for its Carl Moyer Program. The Program provides funding to encourage the owners of diesel engines to go beyond regulatory requirements by retrofitting, repowering, or replacing their engines with newer and cleaner ones.

- **Eligible Applicants:** Any owner of an eligible heavy-duty on-road or off-road project, public or private.
- **Funding Opportunities:** Varies by project type, examples listed below.
  - **Conventional Alternative Fuel Replacements** funding cap is \$60,000 for heavy duty and \$30,000 for light heavy duty.
  - **School Bus Alternative Fuel Replacements** funding cap is \$165,000.
- **Eligible projects:**
  - Replacement: An older vehicle or piece of equipment that includes an engine with a remaining useful life is replaced with a newer, cleaner vehicle or piece of equipment.
  - Repower: A newer, cleaner engine is installed in place of a higher-polluting engine in an existing vehicle or piece of equipment.
  - Retrofit: An emission control system is added to an in-use engine, vehicle, or piece of equipment.
  - Vehicle Retirement (car scrap): Light-duty scrap programs pay the owners of older, more polluting vehicles that still have remaining useful life to voluntarily retire those vehicles earlier than they would have otherwise.
  - Infrastructure: Installation of fueling or energy infrastructure to fuel or power covered sources.
- **Funding Type:** Voucher Incentive Program.
- **Application Status:** Application available.
- **Application Deadline:** June 4, 2019.
- **Link to Grant:** [http://www.aqmd.gov/home/programs/business/carl-moyer-memorial-air-quality-standards-attainment-\(carl-moyer\)-program](http://www.aqmd.gov/home/programs/business/carl-moyer-memorial-air-quality-standards-attainment-(carl-moyer)-program)

### **Southern California Edison: Charge Ready Program**

Southern California Edison (SCE) has announced its rebate program to support its Zero Emissions Vision. The Charge Ready Program helps cover costs associated with installing electric vehicle (EV) charging stations.

- **Eligible Applicants:** Non-residential customer, that own, lease, or operate a long dwelling parking site. Applicant needs to provide grant easement by property owner.
- **Funding Opportunities:** Installation and development of Electric Vehicle Charging Stations where infrastructure exists.
- **Eligible projects:** The funding opportunity is available to low-income and disadvantage communities that agree to work with an approved vendor who will support the installation of new EV stations.

- SCE will install the infrastructure, but applicant must agree to work with approved vendor who will install and maintain stations.
- **Funding Type:** Rebate.
  - The program covers all electric infrastructure costs related to the new circuit.
  - Up to 100% funding available for EV charger.
  - 33% of funding available for Hydrogen Station.
  - Use Ready Rebate Calculator to estimate rebate amounts.
- **Application Status:** Application available.
- **Application Deadline:** First come-first serve.
- **Link to Grant:** <https://www.sce.com/business/electric-cars/Charge-Ready>

The Clean Cities Coalition is available to help member agencies with any application if needed. For any additional questions or concerns please contact Diane Sanchez at [dsanchez@wrcog.us](mailto:dsanchez@wrcog.us).

**Prior Action:**

None.

**Fiscal Impact:**

This item is for informational purposes only; therefore, there is no fiscal impact.

**Attachment:**

None.