



Las Vegas Regional Clean Cities Coalition

The **Las Vegas Regional Clean Cities Coalition** (LVRCCC) is a public-private partnership aimed at expanding the use of alternatives to gasoline and diesel fuels. By encouraging the use of alternative fuel vehicles (AFVs), LVRCCC helps enhance energy security and independence and environmental quality in the Las Vegas Valley.

LVRCCC includes nearly 100 stakeholder organizations that are committed to expanding the use of alternative fuels in the Las Vegas Valley. Since it was established in 1993, LVRCCC has increased the number of AFVs to nearly 10,000.

Biodiesel, electricity, ethanol, hydrogen, natural gas and propane comprise the fuels which are promoted as alternatives to gasoline and diesel. For several of those fuels, there are a variety of both passenger and heavy-duty alternative fuel vehicles available.

LVRCCC stakeholders meet bi-monthly to discuss and plan the expansion of AFVs and the fueling infrastructure to support their use.

The coalition has a number of accomplishments to report.

- Two twelve passenger hydrogen shuttle buses are in the fleet of the city of Las Vegas using a \$500,000 grant from DOE.
- The Honda FCX has been leased for one more year
- The City of Las Vegas hydrogen facility has been updated at a cost of \$200,000.
- Many media promotional activities on KDWN 720 AM. An environmental series on alternate fuels
- 90% of the city fleet uses alternative fuels, remaining 10% are emergency vehicles – BY DECEMBER 2008 100% of the City's fleet will be operating on one form of alternative fuel. Fire Services will transition to B5 by that date in all of their EMS and Fire Apparatus vehicles.
- 103 hybrids in city fleet
- have modified ten (10) vehicles to run on a 70-30 hydrogen blend
- Two 40 foot CNG buses –due for delivery January 2009 procured under a \$1 million earmark from Sen. Harry Reid's Senate Appropriation Committee.
- Added 16 Sinclair bio-diesel public B-5 stations
- Water district added an electrolysis hydrogen facility in June. Partners are Air Products, Proton and UNLV.
- 11 public access CNG fuel sites will be operated under a contractual arrangement with CLEAN ENRGY effective October 1, 2008.

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Prepared by: Dan Hyde on September 9, 2008



EASTERN SIERRA REGIONAL CLEAN CITIES COALITION, INC.

(Formerly Truckee Meadows Clean Cities Coalition)

The coalition completed reorganization in the Fall of 2007, expanding to include the Lake Tahoe basin, Carson City, Nevada, Douglas County, Nevada, and Northern Lyon County, Nevada, as well as Truckee, California.

The previous coordinator for the Truckee Meadows Coalition indicated on the transfer of documents and information that all of the paperwork for the coalition was complete and up-to-date. We subsequently learned that the State Corporation filings were allowed to lapse. This turned into a major undertaking to reactivate the corporation and then amend it to include the new areas and changes to the coalition.

With the expanded area the coalition now encompasses an area of 7 counties in two states, although the Lake Tahoe region is overseen primarily by the Tahoe Regional Planning Agency which was created in the late 1960's by act of Congress as a bi-state agency.

After finally getting up and running in late March, 2008, the coalition was participated in a School Bus Idle Reduction project with the Utah Clean Cities Coalition. The project has led to the presentation of idle reduction information to the Washoe County School District and the Lyon County School District in Nevada. The presentations encompassed over 500 drivers.

We are significantly limited at this time due to funding constraints for all participants which has limited the coalition to DOE coalition funding support. Funds which were previously identified for the coalition from the FY 2007 coalition funding support were not forwarded to the coalition by the Nevada Office of Energy.

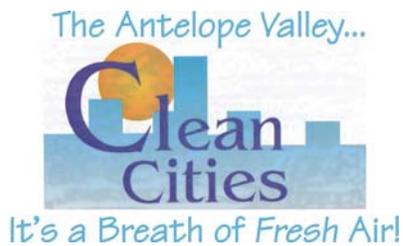
A school bus program was presented in April, 2008, in Reno. Clean diesel and alternative fuel technology opportunities were reviewed and discussed.

A program on Biofuels was made in July, 2008, at Lake Tahoe. A manufacturer of Biodiesel and Ethanol fuels made a presentation on the fuels and the opening of their dedicated retail outlet due to occur in September, 2008.

Continued programs and activities are planned within funding constraints.

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The Lancaster Clean Cities Coalition was “designated” as the fifteenth member Clean Cities program in 1994. Local economic stress and staffing changes slowed momentum and in 2001, the Antelope Valley Air Quality Management District offered to coordinate the re-designation. In the re-designation, the Coalition was expanded to incorporate entire Antelope Valley region, allowing for more effective use of resources including funding AVF projects, supporting infrastructure development, and developing community outreach to reduce dependence on oil imports and improve air quality.

The primary alternative fuels of choice in California are natural gas, liquefied natural gas, and propane. The Antelope Valley currently has three public access compressed natural gas fueling stations, one LNG station, and one propane station. LNG fuel powers thirteen refuse trucks on daily trash collection routes. Propane fuel is powering numerous medium duty vehicle types in the Antelope Valley including Sparkletts and Schwann’s delivery trucks and City street sweepers. Until recently, compressed natural gas fuel has been the fuel of choice to power the local school bus fleets. However, the transportation contractor for the school district has indicated interest in the indentifying grant opportunities to purchase ten propane powered school buses. The most aggressive growth in alternative fuel vehicles in the Antelope Valley Coalition has come from the commitment of Robertson Palmdale Honda in the marketing and sale of the Honda Civic GX and Fuelmaker Phill unit. Robertson Honda also installed and operates the first public access CNG fueling at a Honda dealership.

The Antelope Valley Coalition stakeholders meet infrequently. The promotion of alternate fuel opportunities is addressed by the regional air quality management district through funding opportunities for alternate fuel projects. The Coalition has an opportunity to reenergize by adding Curtis Martin from Robertson Palmdale Honda to aggressively work to build new and renew collaborations. The Antelope Valley Clean Cities Coalition will to continue to work in support of the national Clean Cities Program goals.

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Date Prepared: September 8, 2008

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CENTRAL COAST CLEAN CITIES COALITION (C5)

Clean Cities Designation

- ❖ In August 2006 received DOE Clean Cities Designation.
- ❖ Our Designation Ceremony was held at Hearst Castle with featured presentation from Dennis Smith (DOE) and David Trujillo (California Energy Commission).

Membership

- ❖ C5 membership grew throughout the year reaching over 60 local members.

Continued Expansion of Alternative Fuel Infrastructure

- ❖ Two new bio-diesel stations – one in San Luis Obispo and one in Paso Robles.
- ❖ Three propane dispensing facilities – in Arroyo Grande, Pismo Beach and San Luis Obispo
- ❖ Plans were initiated for the installation of an E85 station in San Luis Obispo in the 1st quarter of 2008 pending resolution of certification issues.

Grants

- ❖ C5 secured \$39,000 in grants (DOE \$10,000 & ARB \$29,000 funds) for the continuation of outreach programs and to develop a mobile education kiosk.

Outreach Events

- ❖ Partnership with Air Pollution Control District on implementation of Climate Change Action Plan.
- ❖ C5 in conjunction with other location groups participated in an EV Forum. C5 hosted a green car show which featured a plug in hybrid and a variety of electric vehicles and scooters.
- ❖ A Clean Car Show hosted by C5 was featured at the 2007 Earth Day celebration in downtown San Luis Obispo on April 21, 2007. Representatives from the following fuel types were available with experts in each field to answer questions and provide educational materials: electric, bio-fuels (bio-diesel and ethanol), propane, compressed natural gas, plug in hybrid, and veggie oil.
- ❖ C5 hosted an EV Conversion Workshop at the California Polytechnic State University, San Luis Obispo, on May 25, 2007. Local experts in the field of electric vehicles presented information and case studies on electric vehicle conversions. Electric vehicles were also on display.
- ❖ An Alternative Fuel Technologies presentation was made to the San Luis Obispo Chamber of Commerce Legislative Luncheon on June 13, 2007. The luncheon was well attended with over 50 individuals representing public and private business in the county.
- ❖ Advancing the Choice Alternative Fuel Technology Showcase and Car Show sponsored by C5 was held at the weekly San Luis Obispo Farmers' Market in downtown San Luis Obispo on June 14, 2007. Fuel technologies present included electric, bio-fuels (bio-diesel and ethanol), propane, compressed natural gas, plug in hybrid, hydrogen and veggie oil.
- ❖ C5 participated in the Solution Tour Concert, sponsored by the San Luis Obispo County Air Pollution Control District, on April 21, 2007. The concert goal was to bring awareness to the issue of Climate Change. C5 was one of 6 vendors that presented information and solutions to climate change issues and also had vehicles on display.
- ❖ Website was upgraded to include on line forms. Annual surveys, membership forms, bulletin board forum, and registration forms can all be submitted electronically.

Upcoming Events

- ❖ October 2007 **Electric Vehicle Conversion Lecture & Demo** a workshop to educate consumers on electric vehicle conversion.
- ❖ Tent Sale to showcase alternative fuel vehicles on the market and ready to be purchase today. This event is tentatively schedule for October 2007.

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Coachella Valley Clean Cities Coalition



Current Status:

- Two part-time Coordinators; and
- Advisory Board.

Membership Structure/Strategies:

- Re-establish relationship with past members and obtain new members; and
- Partner with industry stakeholders to expand existing clean fuel and technology campaigns to the Coachella region.

Education and Outreach Activities:

- Kicking off a natural gas and propane mechanic training program at the College of the Desert.



Highlight of 2007 Annual Survey Recap:

- 978 CNG vehicles.

Goals for 2008 and Beyond:

- Re-establish past relationships with members;
- Obtain new members;
- Share AFV/ATV education via webcasts;
- Identify AFV/ATV regional challenges;
- Develop plan to troubleshoot the challenges; and
- Implement plan.

Coordinator Contact Information:

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- Richard Cromwell III
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EAST BAY CLEAN CITIES COALITION

Designated in 1994, the Coalition currently supports approximately 45 stakeholders within the Northern California eastern Bay Area. The Board is comprised of members representing Pacific Gas and Electric, Contra Costa County, Alameda County, and CALSTART.



2008 UPDATE

AFV Stations Added:

- 2007- CNG public access, Oakland, CA- Clean Energy/City and Port of Oakland
- 8-2008- E85 public access, Concord, CA- Pearson Fuels/Chevron
- Imminent- E85 public access, Hayward, CA- Pearson Fuels/Chevron

Events:

- 2-6-08, Hybrid heavy duty aerial equipment demo, Martinez, CA
- 6-8 to 6-10-2008, Government Fleet Expo, San Diego, CA
- 6-24 to 6/26, Western Region Peer Exchange, Diamond Bar, CA
- 7-25-08, Southwest Greening Government Conference, Flagstaff, AZ
- 8-4-08, National Association of Fleet Administrators annual event and business meeting, Napa, CA
- Upcoming Odyssey Day E85 promotion, Concord, CA

Collaborations:

- 9 Carl Moyer grant applications (BAAQMD) submitted
- 3 Transportation Fund for Clean Air grant applications (BAAQMD) submitted
- 4 AB 1811 AFVIP grant applications (CCSE) submitted
- 2 Alternate Fueller tax credit applications submitted to IRS
- EPA Region 9 Diesel Emissions Reduction grant application submitted for CNG buses at Oakland Airport
- B20 Biodiesel demonstration- Mt. Diablo School District/Contra Costa County
- Drafted specifications for NGV cooperative purchase project (CALSTART)
- Discussion of combined future local/regional events with other coalitions

New Venture:

Source of education and assistance for fleet repair and maintenance facility green certification programs administered by the California Department of Toxic Substance Control (Pollution Prevention-Model Shop Program) and the Association of Bay Area Governments (Bay Area Green Business Program)

On the Horizon:

- Leverage regional collaboration opportunities
- Off-road clean diesel projects- EPA/Valero settlement
- AB 118 funding
- EV projects

Making Air Quality Progress via Alternative Fuel Vehicles and Fuel Economy Programs

The City's government fleet and their project partners are designated as a "Clean City Coalition" under the U.S. Department of Energy's Clean Cities Program, a national program that promotes and supports the use of alternative fuels. Since establishing a "Clean Fuel Policy" in 2000, the City's alternative fuel fleet has grown by an average of 23 percent per year. The City's active fleet now includes over 3,232 alternative fuel vehicles, with supporting alternative fueling stations and maintenance facilities. AFV use and fuel economy programs resulted in the conservation of over 7 million gallons of conventional fuel during the last reporting year. The City's AFV fleet and other emission reduction programs eliminated 8.3 million pounds of air pollutants from vehicles for last fiscal year at an average cost of 30 cents per pound of pollutant reduced. City employees participating in fuel economy programs eliminated over 50 million vehicle miles this year by sharing rides, using public transit or riding or walking to work. Progress details follow below.

Air Quality Progress & Fuel Conservation Milestones

Alternative Fuel Vehicles

- The City controls a growing fleet of **3,232 alternative-fuel vehicles** that run on propane, electricity, liquefied natural gas, compressed natural gas, and hydrogen fuels.  Dual fuel and gasoline/hybrid models are also counted as a part of the alternative fuel fleet. The City has the largest municipally-owned alternative fuel refueling collection fleet in the nation.
- The City owns or was a partner in developing 19 alternative fuel dispensing stations and over 175 electrical recharging stations, including 2 state-of-the-art fueling facilities for hydrogen vehicles. 
- The City conserved approximately **7 million gallons of gasoline** through alternative fuel use and fuel economy programs in 2007.

Cost-Effective Emission Reductions

- In 2007, the City reduced over **8 million pounds of air pollutant emissions** using State Motor Vehicle Fees distributed to the City via the South Coast Air Quality Management District (SCAQMD).
- This annual reduction was achieved at an average cost of **30 cents** per pound of air pollutant reduced. 
- The City operates a state-of-the-art traffic flow and signal control system, known as the **ATSAC** (automated traffic surveillance and control) system, resulting in a reduction in idling and millions of pounds of standard air pollutants each year. ATSAC reduced carbon dioxide emissions by **1,741 million pounds** in 2006/2007. A total of **3304 City intersections** are under ATSAC control, with more planned.
- Since establishing a "Clean Fuels Policy" in 2000, the City has obtained more than **\$21 million in grants** to help with the purchase of alternative fuel vehicles and infrastructure development.

Conservation of Vehicle Miles

- **Bicycle Patrol Program** participants from 7 City Departments traveled almost 2 million miles per year. More than **1 million vehicle miles** were conserved because two bikes replace one City patrol car, on average. 
- City employees participating in the City's **Carpool and Vanpool Rideshare Program** conserve over **24 million vehicle miles** per year. City employees receiving a subsidy for using public transit or bicycling or walking to work conserve almost **26 million vehicle miles** per year.



Long Beach Clean Cities Coalition

August 2008 Update

The Long Beach Clean Cities Coalition was designated on August 31, 1994 by the U.S. Department of Energy. The City of Long Beach has been working under this program, in support of its mission to advance the economic, environmental, and energy security of the United States by supporting local decisions to adopt practices that contribute to reduce petroleum consumption in the transportation sector.

Vehicles / Equipment

The City of Long Beach has steadily increased its fleet of alternative fueled and electric hybrid vehicles and looks for ways to improve vehicle mileage. This specialized fleet now numbers 309 vehicles/equipment and accounts for 18 percent of the rolling fleet. On order are 4 LNG heavy duty vehicles and 80 light duty hybrids.

Long Beach Airport

The Long Beach Airport has installed five electric supercharge stations to recharge a fleet of electric baggage tractors and belt loaders that service the airlines. To reduce idling and unnecessary circular trips of cars waiting to pickup arriving passengers, a special Cell Phone Lot was created near the terminal for them to wait. Three of the airport tenants are partners in the SmartWay Transport Partnership.

Biodiesel Fuel Pilot Project

The Mayor of Long Beach and City Councilwoman help unveil a B20 biodiesel pilot program using beach maintenance equipment in August 2008. The ten vehicles in the pilot are comprised of tractors, loaders and refuse trucks.



Fueling Infrastructure

To support the growing natural gas fleet, the City has recently completed the installation of a 2nd 16,000 gallon LNG fueling tank bringing the total to 32,000 gallons. Public access will be implemented when nearby construction is completed.



April 2007



August 2008

Current LNG Fleet includes

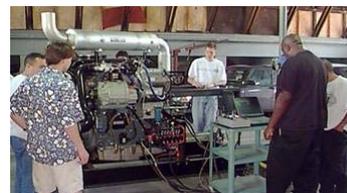
- 20 Street Sweepers
- 35 Refuse Packers
- 14 Dump Trucks
- 2 Pot Hole Repair Trucks
-
- 71 Total

LNG Vehicles on Order

- 2 Truck Tractors
- 1 Pot Hole Repair Truck (a 3rd)
- 1 Refuse Packer Rear Loader
- 20 Sweepers (replacing current LNG Sweepers in Sept '08)

Stakeholder Activity

The Long Beach City College, Advanced Transportation Technology Center, received funding for a training program to train students on maintaining cutting edge LNG vehicle technology.



Clean Energy has opened a new public access LNG truck refueling station to support the goals of the San Pedro Bay (Long Beach and Los Angeles harbors) historic Clean Air Action Plan.

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Sacramento Clean Cities

The Greater Sacramento Regional Clean Air Coalition

The **Greater Sacramento Regional Clean Air Coalition (GSRCAC)** is a partnership of public and private agencies and businesses who want to improve air quality and reduce petroleum dependence in California's Greater Sacramento Region. Our goal is to promote the use of alternative fuels and energy efficient technologies.

We seek to develop cooperative joint ventures which will help businesses and member agencies meet these goals in a cost-effective manner.

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Coalition Gold Sponsors



Previous Awards

- 2002 Rookie of the Year Award, presented to Jill Egbert, Chair of the Greater Sacramento Clean Cities Coalition, for expanding the Coalition's Board of Directors, forming strategic partnerships with the Alternative Fuels Forum and other advocacy groups, increasing funding opportunities and getting funds into coalition members hands more efficiently.
- 2002 Rain Maker Award, presented for attracting more AFV grant funding than any other coalition in the country.
- 2003 Gold Star Award, presented for having the most alternative fuel refueling sites added in the year.
- 2003 Rain Maker Award, presented for attracting more AFV grant funding than any other coalition in the country.

Previous Workshops

- March 30, 2006: Propane Education Research Council (PERC) presents a dedicated propane-powered Ford F-150 pickup truck and a propane-powered Blue Bird school bus
- May, 2006: Fuel Efficiency and Auxiliary Power Units
- September 5, 2006: 2007 & 2010 Heavy-duty Engine Technology - Joint meeting with the Public Equipment Managers Association at KVIE
- November, 2006: Plug-in Hybrids, Hydrogen Highway and Fuel Cell Vehicles

Idle Reduction Accomplishments:

Details of some of our activities at SMUD and around the Sacramento region related to idle reduction include:

- Installation of Shorepower at the Sacramento 49er Travel Plaza
- Completion of an on truck equipment demonstration with funding from EPRI, EPA and nine trucking fleets
- Installation of Shorepower at Ozark Trucking Terminal
- Conducting an Idle Reduction Technology Fair at the Sacramento 49er travel Plaza. We have also compared ideas and cooperated extensively with NYSERDA in promoting the idea and use of Shorepower as the most cost effective approach to truck idle reduction.

Current Projects:

We are presently performing a Truck Idle Reduction using Shorepower – a solution for communities' project. This multifaceted project is funded by DOE, CEC, SMUD, SMAQMD, NATSO, NYSERDA, Xantrex and the Sacramento 49er.

Projects in Other Regions

The New York State Energy Research and Development Agency (NYSERDA) has been a strong leader in implementing alternatives to idling. Details can be found at: <http://www.cleancitiessacramento.org/>



SCAG Clean Cities Coalition Leads the Way!

Background:

The Greater Southern California region has more Alternate Fuel Vehicles (AFVs) and a variety of alternative fuels refueling sites than any other area in the country. The State of California continues to lead the way with innovated legislation and regulations to reduce Green House Gases and improve our ambient air quality.

The Southern Economic Partnership has administered the Clean Cities Program in the SCAG region since 1995. The SCAG region encompasses 6 counties and 187 cities. The majority of cities have signed a Memorandum of Understanding with Clean Cities to support the goal to replace their municipal vehicles to alternative fuel. Our coordinator supports cities through education activities and outreach events and continuously works towards building public/private partnerships that support the deployment mission of the Department of Energy's Clean Cities program.

As quoted by Rick Ruvolo-San Francisco Coordinator, "California coalitions have active and successful stakeholders who have seen exciting developments of the alt fuels market." Stakeholder support is key to the success of the Clean Cities program. The alt fuels markets are competitive and alt fuels options are supported through our philosophy of being fuel neutral to industries building the necessary infrastructure that support our municipalities and general consumers.

Listed below are a few 2008 key activities supported to date by JoAnn Armenta, who has served as Coordinator since 2003.

- Organizing student field trips to a local oil refinery recently converted to refine bio-diesel with a capacity to produce 10 Million gallons per year - currently the largest bio-refinery in the State.
- Spoke to students at a local college - advancing awareness of workforce opportunities in the alt fuel/vehicle and renewable industries.
- Hosted a stakeholder conference advancing awareness of legislation and regulations from California Air resources Board, California Energy Commission and the South Coast Air Quality Management District information to city fleet managers and individual owner operators of light and heavy duty on-road and port trucks.
- Spoke at "Greening the Supply Chain" conference in Sacramento about resource and consumption management from extraction to disposal.
- Hosted the Western Region Coordinator Peer Exchange in Diamond Bar, CA.
- Participated in the National Border Governors Conference, hosted by Governor Arnold Schwarzneger at Universal Studios.
- Participated in border discussions, a bi-national group through EPA's Border 2012 program conference in San Diego.
- Coordinating a green pavilion and speaking at the U.S. Hispanic Chamber of Commerce conference in Sacramento.
- Worked with Univision the largest National Hispanic Media live broadcast from the Produce market in Los Angeles promoting alt fuels/vehicles to the independent owner operators.
- California Regional Environmental Education Organization asked for assistance in planning and speaking to students about Energy and Water conservation.
- Currently in the process of putting a proposal together to administer a state-wide school bus replacement program.
- Working closely with Cascade Sierra Solutions to advance EPA Smart Way technologies in California and to build alt transportation centers along key corridors and ports of entry.
- I will be attending in October the Border Energy Forum in Monterey, Mexico.

For more information, please contact:

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Southern California (SCAG) Clean Cities Coalition

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Prepared by: JoAnn Armenta September 7, 2008



**San Diego Regional Clean Cities Coalition
National Coordinators Leadership Meeting
September 16-18, 2008**

Having worked to improve its Board membership, as well as developing new partnerships in 2007, the Coalition for 2008 is addressing a full review of its goals, objectives and programs. We are led by a new Chairman – Joel Pointon from San Diego Gas and Electric Company. A holdover key program from last year is our working with Energy Working Group of the San Diego Regional Government to evaluate and make recommendations to the regional government Board regarding the alternative fuel infrastructure in the San Diego region. In addition we continue to work and strengthen our partnership with the Transportation Committee of the San Diego Regional Sustainability Partnership.

Members of the coalition have moved forward in new building projects, such as New Leaf Biofuels which as of this month with have a 140,000 gallon per month biodiesel from waste grease production facility in operation. Middle school education programs have now served over 18,000 children at the San Diego Eco Center. Finally the California Center for Sustainable Energy has awarded most all the \$1.8 million awarded by California ARB's to implement an alternative fuel vehicle incentive program. Generally the Coalition membership has remained stable at about 45 members.

Key activities are noted below, followed by vehicle numbers for the region.

Activity Name	Activity Date	Audience	Persons Reached	Notes
Support for Western Riverside CC Event	2/06/2008	Members of the Western Riverside CC and invited parties		Provide CC materials and both on alt fuels training at event
CC General Membership	4/22/2008	Presentations for CC Members and others	30	Regional Government Alternative Fuel Infrastructure Planning the key topic
Street Smart San Diego	7/27/2008	CCSE program supporting an array of alternative fuel vehicles	230	Public education event for these vehicles - http://streetsmartsandiego.org/
Climate Change and San Diego	9/4/2008	Agency and Industry representatives	120 (est)	Assess key issues and actions for SD region.
Plug-In Hybrid Demonstration - ongoing	Ongoing	Fleet Managers and interested parties		SDG&E demo program

AFV Fuel	Total AFV	GGE Displaced
CNG - Compressed Natural Gas	1967	3,087,837
Electricity, including NEVs	320	73,412
Biodiesel (B20 + B100)	128	309,926
E85 - 85 percent Ethanol	30	10,204
H2 – Hydrogen	2	1,026
LPG - Liquefied Petroleum Gas	94	68,005
LNG - Liquefied Natural Gas	189	845,420
HEV – Hybrid Electric Vehicles	5131	920,900

Total GGE's: 5,316,730



San Francisco

History:

The San Francisco Clean Cities Coalition was “designated” to participate in the DOE Clean Cities program in 1994. San Francisco had already formed a Clean Air Vehicle Coalition in the late 1980’s. The partnership of public and private entities pursued “Clean Cities” status in order to support the new national network to promote the use of alternatives—in order to reduce oil imports and improve national security.

The San Francisco Bay Area has long been home to active and successful stakeholders who have seen exciting developments of the alt fuels markets in this area. These markets are now very competitive and alt fuels options are more supported with industries building necessary infrastructure.

San Francisco Clean Cities Coalition stakeholders continue to do great things. That said, the coalition is not so active as a group. There seems to be little interest in collaborations. But the great work continues in the San Francisco Bay Area and every effort is made to continue supporting the national network.

- San Francisco’s “Greasecycle” continues to be an important model, as much for re-use and re-cycling, as it is for biodiesel
- San Francisco continues with plug-in hybrid demonstrations
- San Francisco Mayor has expressed great interest in pursuing (again) EVs and he visited an EV Demo Project recently in Israel. (He once leased an EV1—until it was taken away from him)
- Economics continue to force a surge of interest in NG—especially in the HDV world

For more information, please contact:

Rick Ruvolo

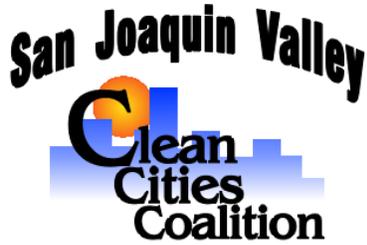
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Prepared by: Rick Ruvolo September 5, 2008

**2008
Program
Report**



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Prepared by: Linda Urata on 9/08/08

Stakeholder Notable Activities



- ❖ The City of Tulare worked with Stanley's Gas Station to open an E85 station in February 2008.
- ❖ The City of Arvin submitted two Federal grant requests in August 2008 to purchase two CNG transit buses and to operate them on a proposed new route between Arvin and the Tejon Industrial Complex.
- ❖ Fresno City College ATTC participates in the Valley Clean Air Now *Tune In and Tune Up* events.
- ❖ PG&E donated an electric bus to the Downtown Bakersfield Business and Property owners Association (DBA) to be used as a lunch-time circulator trolley. The SJVCCC has been involved in this effort for 13 years!

Special Events

- Valley Clean Air Now *Clean Energy Clean Air Expo* in Bakersfield in January.
- Propane Road Show events were held in Bakersfield (January 2008) and Fresno (March 2008). An additional propane event was held in Fresno in honor of Earth Day on April 17th.
- The Blue Sky Partners (SJVCCC stakeholders in Kern County) participated in the following events in April: Keep Bakersfield Beautiful, California State University Bakersfield Earth Day, and several health fairs and community fairs. In May, they set up a vehicle display for the DBA Street Faire, pictured above.



Program Administration

- Coordinators participated in US DOE Clean Cities Western Region conference calls, the AFVI conference in May, and the Peer Exchange in June.
- The 2007 Annual Survey was conducted in February 2008. The final report and payment request for the 2004 State Energy Program Grant were submitted to the California Energy Commission. The 2005 State Energy Program Grant reporting will be completed in October 2008.
- Linda Urata represents the SJVCCC to the California Partnership for the San Joaquin Valley's Transportation Work Group and the San Joaquin Valley Clean Energy Organization.
- The SJVCCC Executive Committee, led by A-1 Auto Electric, has reviewed the stakeholder database and prepared for the September 2008 membership drive.



May- August 2008 following the involvement of the new SVCCC Coordinator; BreatheCalifornia, Margo Sidener, (408)998-5865 margo@lungsrus.org 1469 Park Avenue San Jose, CA 95126



September 8, 2008

Earth Day Event-Cisco Systems, San Jose, California - Reached 5,000 Silicon Valley residents with education on alternative fuel vehicles and their very positive impact on health of Silicon Valley workers. Provided information on logical and practical CNG, bio diesel, electric and electric charged by solar clean transportation solutions, including a display of “ZERO EMISSION” cars which were Electric Cars, charged by Solar. (CISCO is 1of the top 3 Valley leaders in going Green & Clean.) Television coverage was good and our banners and Alternative Vehicle Charts were featured.

In July, Silicon Valley Clean Cities Coalition (SVCCC) made the case for reducing car emissions at two major San Jose vehicle conventions covering four days. At the city’s Plug-In Expo (7/19-7/21) and the GREEN STREET Car Show (7/26), Breathe California CEO/ SVCCC Coordinator Margo Sidener and SVCCC Board Member Bob Garzee (*pictured left*) spoke with local residents and fleet operators about reducing the amount of air pollution emitted from their fleet vehicles including School Buses and Light Duty.



Between the two events, the groups reached approximately 1500 individuals with important information on air quality, global warming and alternatively-fueled vehicles, including CNG, bio diesel and electric. The Plug-In Expo targeted fleet managers from Valley high tech companies, and the GREEN STREET Car Show went after a whole new crowd of potential green car owners---young car enthusiasts. Bob Garzee, SVCCC board member, green fleet owner, and CEO of Synergy EV, Inc. company that implements Alternative Fuel Vehicles, had the honor to speak on a panel at the press conference that preceded the California Bureau of Automotive Repair-sponsored Green Street show. (*below seated next to Chris Paine, Director of “Who Killed the Electric Car?”*) Both events received excellent media exposure –totaling two television stations, two radio stations, and the Business Journal.

Reorganization- SVCCC has recently initiated a new business plan to increase participation on the board, increase outreach to both public and private stakeholders, hold an Alternative Fuel-NOW event, and build awareness of its mission and services in the community. All Board members own and operate Alternative Fueled Vehicles. They seek to collaborate with neighboring Clean Cities Coalitions in order to advance mutual goals, and to ultimately attract the necessary funding to offer more services to local fleet managers, especially those in stakeholder groups with sizeable fleets such as municipalities. Website and survey work has begun, and SVCCC met with two federal legislators to educate them regarding AFVs and incentives/ funding that is needed.





Western Riverside County Clean Cities Coalition

County of Riverside · City of Banning · City of Calimesa · City of Corona · City of Hemet
City of Moreno Valley · City of Norco · City of Perris · City of Riverside · City of Temecula

September 4, 2008

In Western Riverside County, WRCOG has taken a leadership role in coordinating the Clean Cities Coalition. The Coalition is dedicated to mobilizing member cities to expand their use of alternatives to gasoline and diesel fuel, accelerate their deployment of alternative fuel/advanced technology vehicles (AFVs), and build local AFV refueling infrastructure within their cities. This past year the Coalition added a new member, the City of Calimesa, and looks forward to the City of Canyon Lake joining the Coalition this year. In addition, the Coalition has made some staff changes as Suzanne Seivright moved on from the Western Riverside County Clean Cities Coalition and will be missed greatly; however, the Coalition welcomed Allison Ellingson as the new lead staff.

The Western Riverside County Clean Cities Coalition continues to educate the public through a variety of public outreach programs that include monthly meetings, quarterly newsletters, local middle school speaking programs, participation in several expos, and hosting several conferences. Most recently, the Western Riverside County Clean Cities Coalition hosted an AB 32 (CA Global Warming Bill) workshop on Wednesday, July 30, 2008, which was attended by more than 125 people. Conference speakers from the Building Industry Association, South Coast Air Quality Management District, California Air Resources Board, Best, Best & Krieger, California Climate Action Registry, City of Riverside, and the City of Perris participated by providing their perspective on how AB 32 legislation relates to local governments. The workshop sessions provided an outline of how AB 32 impacts local governments, as well as practical applications to determining a jurisdiction's GHG baseline emissions and creating an effective Climate Action Plan. The conference concluded by providing up to date information on Local Government Operations Protocol and the California ARB Scoping Plan.

Last year, the Clean Cities Coalition hosted for the first time an Environmental Youth Conference. This conference was attended by over 150 students from 10 different middle schools and received the Education Project Award from the American Planning Association Inland Empire Section. The Coalition is pleased to announce that we will be hosting our 2nd Annual "Environmental Youth Conference" on November 1, 2008. The Educational Tracks presented by working professionals include air, water, green cities, conservation and environmental ethics. Students, both individually and in groups, will be asked to assess issues specific to each conference track, and show the logical development of those decisions.

Upcoming Events:

- Odyssey Booth—October 2008
- City of Corona Business Expo—October 2008
- Stage Coach Days—October 2008
- Environmental Youth Conference—November 2008
- Advancing the Choice Expo—February / March 2009
- Energy Independence Days—March 2009
- Car Care for Clean Air—April, May, June 2009
- Middle School Program—April, May, June 2009
- Regional Air Quality Task Force Meetings—September and November 2008
January, March and May 2009
- Stakeholder Meetings—October and December 2008, February, April, and June 2009

Barbara Spoonhour, Program Manager

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CLEAN FUELS FOR CLEAN AIR

H o n o l u l u

Honolulu Clean Cities focuses on Hawaii's alternative fuels and vehicles (electric vehicles, LPG (propane), biodiesel, ethanol, and hydrogen). Honolulu received official designation in August, 1995 ([show photo](#)) as the 38th Clean City.

Honolulu Clean Cities can help you to find out about alternate fuels, vehicles, costs & requirements; shares the experiences of other fleet managers; and the "How?" "Why?" (and "Why not?") "Who?" and "Where?" of the different alternate fuels and vehicles available today.

Honolulu Clean Cities holds monthly meetings (see website for meeting location and schedule) to update stakeholders on latest projects, events and discussions among other coalitions and in the industry. Perhaps the most recent noteworthy topic discussed is Hawaii's development of a Bioenergy Master Plan. Individual presentations can be viewed at <http://hawaii.gov/dbedt/info/energy/renewable/bioenergy/kickoff>.

Relating to the Bioenergy Master Plan is the 2008 Hawaii Agriculture Conference planned for September 2008. Coalition stakeholder registration fees are being sponsored by the **Honolulu Clean Cities** chapter to attend what is expected to be a most interesting and informative discussion and presentation by Hawaii's leaders in the agriculture community. Here's a preview: "Bioenergy offers both great opportunities and great challenges. Successful implementation of a comprehensive master plan will depend upon developing synergies between bioenergy production and production of food, feed, fiber. This plan requires input from stakeholders along the bioenergy production and utilization chain, in which the agricultural community (landowners, farmers, and the agricultural business sector) are important links."

Honolulu Clean Cities stakeholder, NAVFAC, Naval Facilities Engineering Command, reported that through its association with Honolulu Clean Cities, reached an agreement with a local fuel provider to deliver E85 at one of its fueling locations. This is the first facility that will be dispensing E85 on a fleet scale in Hawaii and presents an excellent opportunity for other fleets to look into.

B20 continues to be the main diesel fuel of choice for stakeholder City & County of Honolulu as usage last fiscal year reported to be in excess of 1,500,000 gallons.

Honolulu Clean Cities receives grant from the U.S. EPA for the Biodiesel Fuel From Crops Project. Read the articles in the March 15, 2007 issues of the [Honolulu Star-Bulletin](#) and the [Honolulu Advertiser](#). Project is in the final stages with a completion date of November 30, 2008.

For more information, check out our website at www.state.hi.us/dbedt/ert/cc.

Aloha!!!

Prepared by: Robert Primiano on September 8, 2008