



WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

West Coast Collaborative Communicator April 2010

We'd like to hear your thoughts and ideas to improve this Communicator. Please send relevant new announcements, corrections, or other suggestions to: Trina Martynowicz at martynowicz.trina@epa.gov

This West Coast Collaborative Communicator Includes

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Upcoming Transportation Events and Webinars

EPA West Coast Collaborative Partners Meeting: September 29 – 30, San Francisco, CA

SAVE THE DATE! Our next WCC Partners Meeting will be held at the Hilton Financial District in San Francisco. More information, including an agenda and registration web site, will be coming soon.

If you have any questions, contact Penny McDaniel
McDaniel.Penelope@epamail.epa.gov.

We are also interested in hearing what topics you would like to see covered at the meeting.
WCC: <http://westcoastcollaborative.org/>

Alternative Fuels & Vehicles National Conference + Expo 2010: May 9-12, Las Vegas, NV

Industry event representing fuels, vehicles and technologies that provide an alternative to petroleum. This conference showcases natural gas, ethanol, biodiesel, propane, electricity, and hydrogen, and their companion vehicles, as well as hybrid-electric and plug-in hybrid technologies, blends, fuel cells, and idle reduction devices. <http://www.afv2010.com/>

If you or representatives from your company/agency are attending this conference, please contact Trina Martynowicz (martynowicz.trina@epa.gov) as she is

organizing an informal info session on EPA diesel emissions and fuel reduction efforts.

California Biomass Collaborative 7th Annual Forum: May 10 – 11, UC Davis, CA

This year, the California Biomass Collaborative will hold its seventh annual forum on biomass in conjunction with the University of California Davis' Energy Institute and its UC Energy Week 2010. The event will take place on the Davis campus at the new UC Davis Conference Center. The California Renewable Energy Collaborative will also be holding meetings of the wind, solar, and geothermal collaboratives. For more info: <http://biomass.ucdavis.edu/>

Greening Transportation at the Border Workshop: May 12 – 13, Phoenix, AZ

This event is a partnership initiative by the US/Mexico Joint Working Committee on Transportation Planning and other organizations and agencies. The workshop will facilitate the exchange of information on transportation greening efforts in the US/Mexico and US/Canada border region. The workshop will focus on four border transportation themes: green technology, performance / reliability measures, livability / sustainability, and green financing / industry. Participants may stay at the Doubletree Guest Suites in Phoenix. For more information or to

register, contact Sylvia Grijalva at Sylvia.grijalva@dot.gov or (602) 510 – 7986.

2010 Clean Cities Western States Coordinator Peer Exchange Meeting: June 14 – 17, Denver CO

Sponsored by the U.S. Department of Energy, this conference includes NAFTC training, regional meetings, Alternative Fuel Trade Alliance Training, NREL tools and resources, etc.

<http://www.netl.doe.gov/events/10conferences/cleancities-co/Agenda-draft.pdf>

CAPCOA Climate Change Forum: August 30 – 21, San Francisco, CA

The forum will bring together distinguished national, state, and local leaders to share their perspectives for advancing climate change programs, addressing key issues and questions, and expressing their views for what the future holds. In addition, breakout sessions will bring noted panelists of interest to business and industry, governmental officials and staff, science, academia, and community groups.

For more general / registration information:

<http://www.capcoacclimateforum.com/>



Trucking, Broader Transportation and Fuels Funding Opportunities

The Zero-Emission and Plug-In Hybrid Rebates

Clean Vehicle Rebate Project (CVRP) rebates offer up to \$5,000 for the purchase or lease of zero-emission and plug-in hybrid light-duty vehicles and up to \$20,000 for the purchase or lease of ARB-certified or approved zero-emission commercial vehicles on a first-come, first-served basis. The rebates are available to individuals, business owners and government entities in California that purchase or lease new eligible vehicles on or after March 15, 2010. Eligible vehicles are electric drive cars, trucks, commercial medium- and heavy-duty vehicles, motorcycles or neighborhood electric vehicles. Manufacturers of zero emission vehicles must apply to ARB to have their vehicles included in the rebate project.

Visit www.cvrp.energycenter.org or contact Stella Ling-Taylor (916) 322-6369 (lingtay@arb.ca.gov)

Hybrid Truck and Bus Voucher Incentive Program (HVIP)

The California Hybrid Voucher Incentive Program (HVIP) is offering \$20 million in vouchers for fleets. As of Feb. 12, approximately \$11 million remains. All fleets

with trucks operating in California are eligible for up to 100 vouchers each, on a first-come, first-served basis. Launched last week by the California Air Resources Board and administered by CALSTART, the program was designed to provide \$20 million in funding assistance for fleets to replace old diesel trucks with newer, cleaner hybrid trucks. Depending on the vehicle weight and model, the voucher amounts range from \$10,000 to \$45,000, including a \$5,000 bonus for each participating fleet's first purchase. Details about participating in the program, approved dealers and eligible vehicles are available on the program Web site at www.californiahvip.org.

CARB 2009/2010 Carl Moyer Program Retooling

Since 1998, the Carl Moyer Program (CMP) has provided several million dollars annually in incentive funding for near-term air pollution emission reductions for cleaner-than required heavy-duty engines and emission control devices. Retooling of the CMP is necessary to ensure that emission reductions continue to be achieved efficiently using public funds and funding for this popular program continues well into the future. Presentation, retooling

information and instructions for providing comments on the Carl Moyer Retooling process can also be found at the retooling website: <http://www.arb.ca.gov/msprog/moyer/retooling.htm>.

The Climate Trust

\$8 million is available to purchase new, innovative and high-quality greenhouse gas offset projects in the United States. The Climate Trust funds projects by purchasing their carbon dioxide emission reductions. To qualify, projects need to reduce 50,000 metric tons of carbon dioxide over their lifetime. Project developers also need to demonstrate that selling emission reductions to The Climate Trust enables the implementation of the project. Visit <http://www.climatetrust.org/apply.html> or contact Peter Weisberg pweisberg@climatetrust.org, 503-238-1915 x207.

ScRAPs Incentive Program to Remove Old Trucks

The Seaport Truck Scrapage and Retrofits for Air in Puget Sound (ScRAPs) program offers an incentive to remove the pre-1994 engine trucks from service early and offers late-model trucks to replace them. In the past 3 months, 59 truck owners have turned in their old trucks for a \$5,000 scrap credit. As of December 2010, no pre-1994 engine trucks will be allowed access to the Port of Seattle. For more info about the scrap incentive, contact Cascade Sierra Solutions at (866) – 345 – 3390, extension 234. <http://www.CascadeSierraSolutions.org>

Federal Tax Credit for Hybrid Vehicles

Medium and Heavy-Duty Hybrid Trucks can qualify for a federal tax credit of up to \$12,000 and other state or local funding may be available to offset equipment purchases. Contact a Cascade Sierra Solutions technical advisor for more information. 866-345-3390.

Natural Gas Engine and Vehicles Research, Development and Demonstration Program

NREL Request for Proposals: With a focus on the medium- and heavy-duty truck and bus market, this solicitation seeks qualified subcontractors to: develop high efficiency natural gas engines, integrate and current production of natural gas engines and after-treatment systems into new vehicle platforms, and demonstrate new products to verify fuel economy improvements. For more info: http://www.nrel.gov/business_opportunities/pdfs/40455_rfp.pdf Proposals are due 5/5/2010.

Prop. 1B / Goods Movement Notice of Funding Availability

The ARB is soliciting applications from eligible local and State agencies to administer funding to reduce emissions and health impacts from diesel equipment used to move freight in California's four trade corridors. If you have questions, call Goods Movement Information Line at (916) 44-GOODS (444-6637) or contact gmbond@arb.ca.gov. Applications due 5/10/2010.

Grant Solicitation: Manufacturing Plants - Electric / Alternative Fuel Vehicles etc.

The Energy Commission is seeking proposals to provide funding and financial assistance for the development and expansion of manufacturing and assembly plants in California that produce electric vehicles, batteries, and component parts for alternative fuel vehicles. This solicitation aims to encourage investment in California-based manufacturing and assembly plants that produce alternative fuel vehicles and components that help the State meet its GHG emissions and petroleum fuel demand reduction targets. Deadline: 5/20/2010. For more info: <http://www.energy.ca.gov/contracts/transportation.html>

For a comprehensive list of solicitations for funding and awards:

http://www1.eere.energy.gov/vehiclesandfuels/pdfs/idling_news/mar10_network_news.pdf

(National Idling Reduction Network News, March 2010 edition)



Rules and Regulations

CARB's ETAAC's Final Report is Now Available

The AB32 Economic and Technology Advancement Advisory Committee's advanced technology development update proposed final report is now available for public review.

<http://www.arb.ca.gov/cc/etaac/meetings/meeting.htm> (look for the green "New" label.)

DOT, EPA Set New Fuel Economy Standards and First Ever GHG Emission Levels

Starting with 2012 model year vehicles, automakers are required to improve fleet-wide fuel economy and reduce fleet-wide greenhouse gas emissions by approximately five percent every year. NHTSA has established fuel economy standards that strengthen each year reaching an estimated 34.1 mpg for the combined industry-wide fleet for model year 2016. This could save the average buyer of a 2016 model year car \$3,000 over the life of the vehicle and, nationally, will conserve about 1.8 billion barrels of oil and reduce nearly a billion tons of GHG emissions over the lives of the vehicles covered. This action is one important step in fulfilling the Obama Administration's commitment to a clean energy, climate friendly economy.

<http://yosemite.epa.gov/opa/admpress.nsf/d0cf6618525a9efb85257359003fb69d/562b44f2588b871a852576f800544e01!OpenDocument>

CARB's Modified Requirement of On-Road Engines for NOx etc.

The Air Resources Board verified the Johnson Matthey Continuously Regenerating Technology (CRT) Particulate Filter

as a Level 3 Plus passively regenerating diesel emission

control system for use with on-road engines model years 1994 through 2006 and certified with particulate matter emissions of 0.1 grams per brake horsepower hour (g/bhp-hr) or less. That verification has since been modified requiring that on-road engines be certified with oxides of nitrogen (NOx) or non-methane hydrocarbons plus NOx emissions greater than 3.2 g/bhp-hr. Specific conditions for which the CRT has been approved may be found in the Executive Order on the ARB website at

<http://www.arb.ca.gov/diesel/verdev/verdev.htm>

CARB's Regulations for an Enhanced Fleet Modernization Program (Car Scrap)

The Air Resources Board has posted the Notice of Modified Text to Consider Regulations for an Enhanced Fleet Modernization Program (Car Scrap). Inquiries concerning the substance of the proposed regulation may be directed to Mr. Tom Evashenk, Air Resources Engineering Associate, at (916) 445-8811. These documents and the associated formal regulatory materials can be accessed from:

<http://www.arb.ca.gov/regact/2009/carscrap09/carscrap09.htm>

CARB's Drayage Truck Regulation Extension

On November 24, 2009, the California Air Resources Board (ARB) issued an advisory on the drayage truck rule that allows certain existing trucks in the funding pipeline for Proposition 1B or closely related incentives a temporary extension to continue operating the existing truck at ports and rail yards until the retrofit device or new truck is operational – or until April 30, 2010 – whichever comes first. The extension request deadline was December 31, 2009.

For additional information, including how to tell if a truck qualifies, please see the advisory announcing the extension at <http://www.arb.ca.gov/msprog/onroad/porttruck/porttruck.htm>

For questions about the regulation or this advisory, please visit the Drayage Truck website at <http://www.arb.ca.gov/drayagetruck> or call the toll-free Help Line at 1.888.247.4821.

CARB's Heavy Duty Vehicle Greenhouse Gas Reduction Measure

The Heavy Duty Vehicle Greenhouse Gas Emission Reduction measure requires long-haul truckers to install fuel efficient tires and aerodynamic devices on their trailers that lower greenhouse gas emissions and improve fuel economy. For more information on the Heavy

Duty Vehicle Greenhouse Gas Reduction Measure:

<http://www.arb.ca.gov/cc/hdghg/hdghg.htm> or <http://www.arb.ca.gov/regact/2008/ghghdv08/ghghdv08.htm>.

TRUCRS Online Reporting System now available for Fleets to Submit Fleet Info:

The TRUCRS online reporting system is now available for fleets to upload their fleet information for the Heavy-Duty Vehicle GHG Emission Reduction Regulation. Fleets that wish to participate in the large fleet compliance option must register their trailers by July 1, 2010. Fleets using the Excel spreadsheet may now upload their fleet information into TRUCRS. Create an account and login to the TRUCRS system:

<http://www.arb.ca.gov/cc/hdghg/hdghg.htm> (click on the yellow "Reporting Forms" button).



Other Transportation and Fuels Information

Green Fleet Conference Presentation

Richard Battersby from East Bay Clean Cities Coalition presented at the Green Fleet Conference:

<http://www.cleancitieseastbay.org/Green%20Vehicle%20Grant%20Funding%20Strategies.pdf>

CPUC's Alternative Fueled Vehicle Proceedings

A California Public Utilities Commission (CPUC) hearing may affect pricing of fuels (CNG, E85, electricity, etc.) on alternative fueled vehicles (AFVs) in California. For more information, visit:

http://www.cpuc.ca.gov/PUC/hottopics/1Energy/090814_ev.htm

EPA Clean Diesel News

There are several new technologies on the National Clean Diesel Campaign's Emerging Technology List:

<http://www.epa.gov/otaq/diesel/prgemerglist.htm>

For more information regarding the Emerging Technology Program:

<http://www.epa.gov/otaq/diesel/prgemerg.htm> or www.epa.gov/cleandiesel

CARB's Truck Stop Website

Visit the website (www.arb.ca.gov/truckstop) to find new links to information on our Diesel Regulation Overview Course 512 and download an electronic version of our Clean Truck, Bus, and Trailer Requirements Brochure. The brochure provides an overview of requirements and deadlines that apply to diesel trucks, buses, trailers, and reefer units. If

you have any questions please call ARB's Diesel Hotline at 866-6DIESEL (866-634-3735) from 8 a.m. - 5 p.m. Mon.-Fri or email at 8666DIESEL@arb.ca.gov.

Findings on Mobile Idle Reduction Technology

The American Transportation Research Institute (ATRI) released the results of a demonstration project involving four mobile idle reduction solutions. The research was sponsored by the U.S. Environmental

Protection Agency to collect and quantify actual operational data for trucks using selected idle reduction technologies. Idle reduction technologies tested by the participating fleets included auxiliary power units, battery-powered air conditioning systems and thermal storage air conditioning systems. A summary of the findings is available at www.atri-online.org

National Idling Reduction Network News

March 2010 Newsletter available here: http://www1.eere.energy.gov/vehiclesandfuels/pdfs/idling_news/mar10_network_news.pdf



Other Links & Resources of Interest

Federal

EPA clean diesel initiatives:
www.epa.gov/cleandiesel

EPA SmartWay Program:
www.epa.gov/smartway/

DOE's National Renewable Energy Laboratory's Alternative Fuels and Advanced Vehicles Data Center
Tools such as truck stop electrification locator, light duty vehicle research tool, fuel properties identifier, state incentives, law listings, etc.:
<http://www.afdc.energy.gov/afdc/applications.html>

DOE's National Idling Reduction Network News (monthly):
http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html

DOE Alternative Fuel and Advanced Vehicle Data Center Incentives and Laws Database:
http://www.afdc.energy.gov/afdc/incentives_laws.html

DOE Argonne National Lab's Idling Publications:
<http://www.transportation.anl.gov/engines/idling.html>

DOE Transportation Infrastructure Finance:
<http://www.fhwa.dot.gov/ipd/tifia/>

DOT Congestion Mitigation and Air Quality Program:
<http://www.fhwa.dot.gov/environment/cmaqps/>

State

CARB Idle Reduction Program:
www.arb.ca.gov/msprog/truck-idling/truck-idling.htm

CARB Diesel Information:
<http://www.arb.ca.gov/diesel/diesel.htm>

CARB Idle Reduction Program:
www.arb.ca.gov/msprog/truck-idling/truck-idling.htm

Non-Governmental Organizations

Alternative Fuels & Vehicles Monthly
Newsletter:

<http://www.afvi.org/newsletter.html>

American Transportation Research Institute
(ATRI) State and Local Regulations:

www.atri-online.org

American Transportation Research Institute
(ATRI) Compendium of Regulations:

http://www.atri-online.org/research/idling/atri_IdlingCompendium6_22_09.pdf

Cascade Sierra Solutions: Reducing emissions
and fuel consumption from heavy-duty diesel
trucks through US EPA's SmartWay
technology:

www.CascadeSierraSolutions.org

Western Sustainability & Pollution Prevention
Network - Resource for Fleet Managers:

Webpage for fleet managers; includes resources
for operational approaches for greening fleets,
basics of alternative fuels, regulations affecting
fleet purchasing, etc.:

<http://wsppn.org/fleet/>

Private

Trucking Industry Mobility & Technology
Coalition:

<http://www.freightmobility.com/>

Car Lines:

<http://www.walshcarlines.com/index.html>