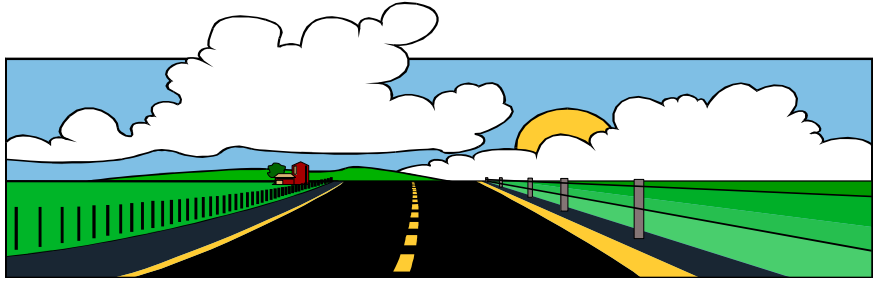


# Clean Technologies Forum



July / August 2006

## FIND OUT HOW THE 2007 ON-ROAD DIESEL ENGINES ARE DIFFERENT

New changes are in store for model year 2007 on-road, heavy-duty diesel and compressed natural gas engines. These changes will reduce diesel NOx emissions by 50% and PM emissions by 90%, but engine manufacturers have had to make changes that may impact owner/operators and fleet managers. At our Clean Technologies Forum in September, Steve Morelli from Freightliner, Ed Koors from International, and a representative from the natural gas industry will tell us about some of the changes to expect in the chassis design and in the exhaust system. Find out how these changes will affect you.

**A Texas BBQ catered lunch will be provided at a cost of \$10. An RSVP is required to attend this workshop.**

**Date:** September 12, 2006  
**When:** 11:30 am to 2:30 pm  
**Where:** City of Sacramento  
Corporation Yard South  
5730 24<sup>th</sup> Street, Building 22  
Sacramento, California

**Please RSVP  
by September 8, 2006 to  
Joanne Chan  
(916) 874-6267 or  
jchan@airquality.org**

The workshop is being held in partnership with the Public Equipment Managers Association (PEMA), the Greater Sacramento Regional Clean Air Coalition (GSRCAC), and the Sacramento Metropolitan AQMD.

## CALCULATOR ESTIMATES COST SAVINGS

A calculator on the SmartWay web site is showing owner/operators and fleet managers how much they can save by upgrading their equipment with fuel saving technologies and emission reduction equipment. The technologies include idle reduction equipment, automatic tire inflators, aerodynamic improvements, single-wide tires, and exhaust retrofits.

For truckers who need loans, many have found their monthly cost savings in diesel fuel to be greater than their monthly loan payments. The Technology Package Savings calculator can be found at [www.epa.gov/smartway/calculator/loancalc.htm#single](http://www.epa.gov/smartway/calculator/loancalc.htm#single)

## TRUCK STOP ELECTRIFICATION LOCATOR

Clean Cities has a link on their web site that helps truckers find truck stops that provide an electric idle reduction equipment infrastructure. Idle reduction equipment allows drivers to power their air conditioning and other cab appliances using off-board electricity rather than their main drive engine. The site locator can be found at <http://afdcmap2.nrel.gov/tse/findpane.asp>

## **FREE MOVIE PASSES**

Receive a free movie pass if you are one of the first 50 people to sign up to receive this newsletter by e-mail instead of by mail. To participate, e-mail your name, e-mail address, phone number and company name to [slange@airquality.org](mailto:slange@airquality.org).

## NEWLY VERIFIED RETROFIT DEVICE

### ESW PARTICULATE REACTOR VERIFICATION EXTENDED

The California Air Resources Board (CARB) has extended the verification of the Environmental Solutions Worldwide (ESW) Particulate Reactor to include select model year engines from 1994 to 1997. The previous Executive Order for the Level 2 retrofit only covered select engines from model years 1991 to 1993. For specific information, please review the revised Executive Order at [www.arb.ca.gov/diesel/verdev/level2/level2.htm](http://www.arb.ca.gov/diesel/verdev/level2/level2.htm)

### 2007 HEAVY-DUTY VEHICLE CONFERENCE SCHEDULED FOR FEBRUARY

The 2007 Clean Heavy-Duty Vehicle Conference will be held February 13 -15, 2007 in Los Angeles. WestStart will be presenting the conference along with the U.S. Army National Automotive Center, and the Federal Transit Administration. To learn more about participating as a conferee, sponsor, exhibitor, or speaker, please visit [www.weststart.org](http://www.weststart.org) or call Debby DuBose at (626) 744-5600.

Sacramento Metropolitan Air Quality  
Management District  
Mobile Source Division  
777 12<sup>th</sup> Street, Third Floor  
Sacramento, CA 95814-1908

## ROSEVILLE RAIL YARD DEMONSTRATES NEW TECHNOLOGY

Advanced Clean Up Technologies has manufactured an innovative emissions control system that is being tested at the Union Pacific rail yard in Roseville. The system captures engine exhaust using two large hoods that cover the exhaust ports of locomotives while undergoing maintenance and testing. The exhaust is then cleaned in a series of scrubbers before release into the atmosphere. The system is advertised as reducing particulate matter and sulfur dioxide by 99%, nitrogen oxides by 95%, and volatile organic compounds by 50%.

Following testing in Roseville, the system will be moved to the Port of Long Beach where it will be reconfigured and tested on ocean vessels. If you wish to learn more about this innovative system, contact Don Duffy at [dduffy@placer.ca.gov](mailto:dduffy@placer.ca.gov).

### SPARE THE AIR WEB SITE REDESIGNED

The AQMD has launched its redesigned web site, [www.SpareTheAir.com](http://www.SpareTheAir.com). The site will feature a forecast for Particulate Matter (PM) when that pollutant is of highest daily concern. The site will continue to offer Air Alert sign-ups, air advisories, air quality forecasts by county, historical data, and other relevant information. The website is operated by the Sacramento Metropolitan AQMD on behalf of the air districts of the region -- El Dorado, Placer, and Yolo-Solano.

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Cities Coalition

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