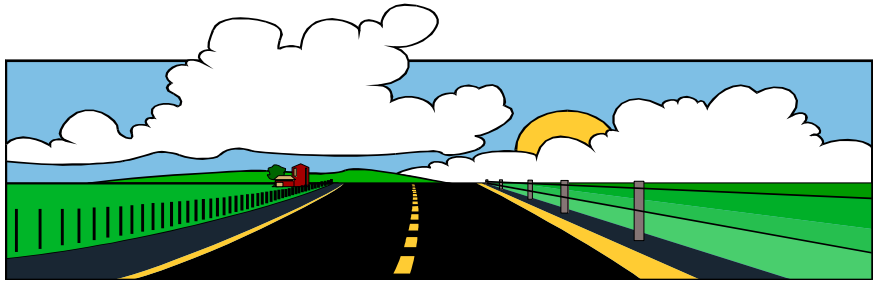


# Clean Technologies Forum



February 2005

## COMING IN APRIL: PUBLIC FLEETS CONFERENCE

The **California Air Pollution Control Officers Association** will be hosting a conference focusing on Public Fleets in April 2005. The California Air Resources Board's Public Fleet Regulation, emission control options, ultra low sulfur diesel, and funding opportunities will be among the topics discussed. The Conference will be held at the Sacramento Convention Center. More details on the conference date, time and RSVP information will be announced in the next Clean Technologies Forum newsletter.

## WE'LL KEEP YOU INFORMED

### IDLING UPDATE

On February 1<sup>st</sup> the **California Air Resources Board** (CARB) began enforcing its idling regulation. Diesel-fueled commercial motor vehicles with a gross vehicular weight rating >10,000 pounds is restricted to 5 minutes. CARB diesel truck inspectors, local law enforcement and the California Highway Patrol can issue citations for violations (including penalties). Information on the regulation and exemptions can be found at [www.arb.ca.gov/toxics/idling/idling.htm](http://www.arb.ca.gov/toxics/idling/idling.htm).

On February 3<sup>rd</sup> the **City of Sacramento** held an outreach and training seminar on its idling ordinance. Idling is restricted to 5 minutes for all heavy-duty on-road vehicles >14,000 pounds and all heavy-duty off-road equipment >50 horsepower. There are also limits to idling within 100 feet of a residence or school. A copy of the ordinance can be found at <http://ordlink.com/codes/sacramento/> or by contacting the **City of Sacramento** at 916-808-5404.

## PROPANE GENSET PROJECT UNDERWAY

The SMAQMD has recently contracted with **Cummins West** to build a propane powered generator (genset) for use at construction sites. This demonstration project\* will provide construction companies the opportunity to try out the propane genset for free and reap the benefits of lower emissions from their construction projects. The SMAQMD will be offering "credit" in construction mitigation plans for use of the propane genset. Powering an on-site construction office trailer is expected to be the most common use of the propane genset. The target for availability is Spring 2005.

To sign up for this first-come, first-served opportunity, contact Peter Christensen at 916-874-4886 or [pchristensen@airquality.org](mailto:pchristensen@airquality.org).

\*Funding for this project was made possible through the SMAQMD's construction mitigation funds.

## MORE OPTIONS FOR OFF-ROAD EQUIPMENT EMISSIONS CONTROL

**Extengine Transport Systems'** Advanced Diesel Emission Control (ADEC) system has been verified by the California Air Resources Board (CARB) as a Level 1 particulate matter control device, providing a 25% reduction of particulate matter. The ADEC also provides an 80% reduction in nitrogen oxide emissions. The verification covers use of the ADEC system on model years 1991-1995 off-road Cummins 5.9-liter diesel engines from 150-200 horsepower utilizing CARB or ultra low sulfur diesel. These engines are used in excavators, dozers, and loaders, all with rubber tires, and utility tractors. For more information on the verification visit the following websites:

<http://www.arb.ca.gov/diesel/verdev/level1.htm> or  
<http://www.extengine.com/index.html>.

## CATERPILLAR MorElectric TRUCK MAKES A LOCAL APPEARANCE

Caterpillar's MorElectric equipped International 9200 chassis truck (Cox Transfer DOE/NREL Idle Reduction Demo program) will be on display at the **Sacramento 49er Travel Plaza** on **February 25, from 10 a.m. to 2 p.m.**, with a technology presentation planned for Noon.

This truck features a totally new integrated electrical accessory package plus idle reduction system (auxiliary power unit & shore power) designed to provide 8% better fuel economy than conventional heavy duty systems, as well as reduced diesel emissions. The fuel economy is realized by improved electrical system efficiency leading to on road savings of 2%, and the use of an auxiliary power unit powered by a small efficient diesel engine that drives an all electric air conditioner for an additional 6% savings. The system is also capable of shore power use, when available, for comfortable, quiet driver rest periods at lowest cost.

More information about the **MorElectric** system can be found at [www.catelectronics.com](http://www.catelectronics.com). Click on MorElectricTM to view the e-Brief presentation and find additional information.

A map to the **Sacramento 49er Travel Plaza** can be found at <http://sacramento49er.com/>.

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

## FREE TRAINING: NGV SAFETY & CNG FUELING

**Pacific Gas & Electric Company** is once again offering free natural gas vehicle (NGV) safety and compressed natural gas fueling station operation and maintenance training to fleet managers and their employees. The training sessions will be held the week of March 7-11, 2005 in Sacramento.

Space is limited to 40 students so register as soon as possible. Contact the **Natural Gas Vehicle Institute** at 1-800-510-6484 for the class schedule and to obtain a registration packet.

## MSD WELCOMES NEW EMPLOYEES

The **SMAQMD** Mobile Source Division (MSD) welcomes 2 new employees. Both **Gerald Grauman** and **Michelle Joe** have recently graduated from U.C. Davis with engineering degrees and have joined the Vehicle & Engine Technology section of the MSD. Gerald will be working with the SECAT and Moyer incentive programs. Michelle will be supporting the incentive programs as well. Please welcome Gerald and Michelle if you have the pleasure to work with them.

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