



# CaINGV News

The newsletter of the California Natural Gas Vehicle Coalition

## News Briefs

**EPA Honors Altamont Landfill Gas Facility** The U.S. EPA recognized the Altamont Landfill Resource and Recovery Facility in Livermore as a Project of the Year for its innovation in generating renewable energy and reducing greenhouse gas emissions.

The facility, a joint project of Waste Management and engineering firm Linde, was one of six honorees in that category. The award recognizes partners in the agency's Landfill Methane Outreach Program, which has assisted with more than 450 landfill gas energy projects over the past 15 years.

**Northeastern States to Adopt LCFS** Eleven states plan to adopt a version of California's Low Carbon Fuel Standard (LCFS) and aim to develop a proposed program framework by early 2011.

The states—Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont—have signed a memorandum of understanding to develop an LCFS modeled on California's standard that would reduce greenhouse gas emissions from transportation fuels and possibly heating fuels, according to *Providence Business News*.

The states announced a year ago that they planned to implement a regional LCFS to reduce the carbon content of fuels.

**Clean Energy to Build Three Airport CNG Stations** Clean Energy Fuels will design, build, and maintain three new airport-adjacent CNG fueling stations that

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**Biogas Expansion** Xebec gets contract for new plant  
**UPS CNG Fleet** Company adds trucks in the West  
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## Report Assesses Pollution Studies

### Analysis of research on traffic-related pollution and health finds likely harm despite data gaps

**A** report billed as the most comprehensive and systematic review to date of the scientific literature on emissions, exposure, and health effects from traffic-related air pollution finds that there is "sufficient" evidence to conclude that traffic exposure exacerbates asthma in children. It also finds "suggestive" evidence of a causal relationship between exposure and the onset of childhood asthma, nonasthma respiratory symptoms, impaired lung function, heart disease, and deaths from heart disease.

The report, *Traffic-Related Air Pollution: A Critical Review of the Literature on Emissions, Exposure, and Health Effects*, was produced by a special panel of the Health Effects Institute, a nonprofit research institution funded by the EPA, the worldwide motor vehicle industry, and other public and private organizations. The panel, chaired by Dr. Ira Tager of the U.C. Berkeley School of Public Health, determined that the areas most affected by pollution are 300 to 500 meters from highways and other major roads. For large cities in North America, that means 30 to 45 percent of the population is affected.

**CARB says study shows need for action on clean air** CARB Chair Mary Nichols lauded the report in a statement, saying "The breadth and comprehensiveness of the HEI work provides strong scientific support for continuing efforts to address vehicle pollution here in California and across the country.

"When nearly half of the nation's population is being exposed to unhealthy levels of these pollutants, it's clearly time for all of us to work together to bring cleaner air to our communities."

The panel noted that while many countries have implemented more stringent emission controls and made steady progress on improving air quality, the rapid growth of the world's motor vehicle fleet, expansion of metropolitan areas, and increasing dependence on motor vehicles have resulted in more people living and working close to highways—counteracting some of the benefits of pollution control efforts. ▀

**The report 'provides strong scientific support for continuing efforts to address vehicle pollution.'**

## Contract Signed for New Biogas Plant

Xebec Adsorption has received a contract for a biogas facility in California that's expected to start up in the last half of this year.

The company can't yet disclose details of contract terms, but the announcement noted that the project involves wastewater treatment. Transportation is a likely application for the fuel, says Xebec President and CEO Kurt Sorschak; or it may simply be injected into the pipeline.

"I can say it's a very interesting project, and if this goes well, hopefully it will open the door to many more projects," Sorschak says.

Xebec, based in Quebec, is contracted to design, build, and manage the plant. The company built and operates the biogas digester at Hilarides Dairy, which produces CNG that fuels delivery trucks powered by Cummins Westport ISL G engines. ▀

## UPS Adds 245 CNG Trucks to Fleet

UPS has deployed 105 CNG delivery trucks to cities in California and 140 trucks to Denver as part of its effort to reduce emissions and lower its carbon footprint.

In California, the trucks were deployed to Fresno (16 vehicles), Ontario (12), San Ramon (18), and West Los Angeles (59).



"Compressed natural gas continues to be a sustainable fuel for UPS's fleet because natural gas is cost-effective, clean-burning, and abundant," said Bob Stoffel, UPS senior vice president of supply chain, strategy, engineering, and sustainability.

The CNG trucks are expected to achieve emissions reductions of 15 percent over the cleanest diesel trucks. UPS now has more than 1,145 CNG vehicles in its fleet of 1,900 AFVs, which it says

is one of the largest such fleets in the industry.

UPS is also developing a regional LNG fueling corridor stretching from Ontario to Las Vegas, under the California Clean Cities program (see *CalNGV News*, 09.07.09). ▀

### calendar

#### CARB Truck Hybridization Workshop

Feb. 3 | Sacramento

This is CARB's first public workshop to discuss concepts for reducing greenhouse gas emissions from medium- and heavy-duty vehicles through truck hybridization. Details:

<http://www.arb.ca.gov/msprog/mailouts/msc1001/msc1001.pdf>

#### CALSTART-NTEA Green Truck Summit 2010

March 9-10 | St. Louis

CALSTART and the National Truck Equipment Association are collaborating on this conference for work truck industry professionals covering hybrid and alternative fuel technologies, applications for commercial vehicles, and results of real-world deployments. Details:

<http://www.ntea.com/worktruckshow/index.aspx?id=11414>

#### Alternative Fuels & Vehicles

May 9-12 | Las Vegas

The Alternative Fuel Vehicle Institute's national conference and expo is aimed at fleet decision makers, with sessions on trends, research, policies, and products and services. Details: <http://www.afv2010.com>

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will serve shuttle and ground transportation operators at the international airports in Dallas/Fort Worth, Houston, and Las Vegas. The new public-access stations will support the transition of these airports' shuttle fleets to natural gas.

The Parking Spot contracted Clean Energy for the Texas facilities; Whittlesea Bell Transportation chose the company for its Las Vegas station.

**GM Plans CNG Pickups** A General Motors representative told *USA Today* at the recent Detroit auto show that the automaker plans to produce CNG-powered Chevrolet Silverado and GMC Sierra pickups by 2012. Jeffrey Luke, chief engineer for GM's full-size trucks worldwide, told the paper that lower costs and emissions make CNG and propane (another option the company is planning) appealing, and that GM believes it needs to diversify its fuel portfolio.

#### Civic GX Is Greenest Car of 2010

The CNG-powered Honda Civic GX once again took the "greenest vehicle" spot in the American Council for an Energy-Efficient Economy's annual ranking of vehicles by environmental performance. The Toyota Prius and Honda Civic Hybrid took the number two and three spots.

#### WM Deploys CNG Trucks

Waste Management of Orange County has deployed 12 new CNG collection trucks in Santa Ana and Irvine. The trucks were partly funded by a grant from the Mobile Source Air Pollution Reduction Review Committee.

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