



Clean Cities Quarterly Update

Spring 2009 Edition



Citizen's Bulletin Board

Low-Carbon Transport (33 TexReg 10385): TxDOT is soliciting information regarding the development of low-carbon freight transportation systems and technologies. Responses are due **March 19, 2009**.

GHG Regs.: The EPA will reconsider its decision to deny a waiver to California giving them the authority to regulate greenhouse gases. Comments are due **April 6, 2009**.

General News & Announcements

Stimulus Bill: The **American Recovery & Reinvestment Act of 2009** was signed into law. The bill includes incentives for plug-in vehicles, alternative fuels, and fuel cell technologies.

Agency Launched: The International Renewable Energy Agency was formally created and will promote all renewable forms of energy including biofuels.

Isuzu & SCR: Isuzu has announced it is planning to use Selective Catalytic Reduction technology to meet the 2010 NOx engine emission standards.

Emissions Campaign: Navistar has launched a campaign to explain its non-SCR approach to meeting the 2010 NOx emission standards.

Non-Urea SCR: Eaton has reached an agreement with Clean Diesel Technologies Inc. to utilize a hydrocarbon injection SCR system to meet the 2010 NOx standards.

WalMart Tests: WalMart is testing Peterbilt 386 diesel-electric hybrid truck in the Houston area.

H2 Plans: HARC & the Texas H2 Coalition have published a Hydrogen Roadmap for bringing hydrogen-powered transportation to the state.

Plan Endorsed: The Western State Land Commissioners endorsed the Pickens Plan, which calls for the replacement of traditional transportation fuels with natural gas.

UL Goes Green: Underwriter's Lab. has created an environmental service which will offer 3rd party verification of claims relating to sustainability.

ATA Agenda: The American Trucking Association has published a list of initiatives they would support as a means to reduce fuel consumption by 86 billion gallons over the next 10 years.

WM Plans: Houston-based Waste Management has set a goal to reduce their fleet emissions and improve their fleet efficiency by 15% by 2020, through the use of new technologies and alternative fuels.

UL Supports E15: Underwriter Labs. has announced that it will support the use of E15 in existing infrastructure which is certified under UL 87.

Business Opportunities

Clean Cities RFP: The U.S. DOE is soliciting applications for alternative fuel and advanced vehicle technology projects. The deadline for proposals is **March 31, 2009**.

TERP RFP: The TCEQ is accepting applications for heavy-duty diesel emission reduction project rebate awards. The deadline is **June 30, 2009**.

Greenest School: IC Bus is running a student essay contest to find "America's Greenest School". The winning school district will have a chance to win a new hybrid school bus.

Clean Air Product News

SmartWay Tires: Hankook has certified three tires (AL07+, Z35a, TL01) under SmartWay for reducing rolling resistance by at least 3%.

More Cert. Tires: Yokohama has certified three tires (RY617, 703ZL, RY587MC2) under the SmartWay program.

Class 8 Fuel Cell: Hydrogen Hybrid Corp. is taking orders on a new Class 8 hydrogen fuel cell that works to generate and combust on-board hydrogen.

Off-Road Retrofit: CARB has conditionally verified the Cleaire Lonestar catalytic retrofit as a Level 3 retrofit for 150-350 hp engines in off-road vehicles.

ECS Purifier: CARB has verified the Engine Control Systems Purifier Plus as a Level 3 retrofit for certain on-road heavy-duty diesel engines.

Filter Verified: CARB has verified Johnson Matthey's Continuously Regenerating Technology Particulate Filter as a Level 3 retrofit for certain on-road heavy-duty diesel engines.

Anti-Idling: Bergstrom has released the CARB-approved Nite Plus system, an upgrade to its original anti-idling equipment.

CCV Upgrade: Raccor has made available a kit which allows fleet managers to upgrade CCV8000 models to CCV12000 models.

APU DPF: CARB has verified the Teleflex diesel particulate filter as a Level 3 retrofit for Comfort Pro APUs.

Propane Truck: A propane-powered F-250 is now available through Roush Performance. Conversion kits will also be available.

Testing Service: Emisstar LLC is now offering emission testing services for a variety of pollutants including NOx and CO₂.

Hybrid APU: Kohler and Bergstrom have developed an EPA certified APU that can be recharged without turning on the engine.

Houston-Galveston Area Council
Clean Cities
Clean Cities Program
Clean Vehicles Program

www.h-gac.com
www.houston-cleancities.org
cleancities@h-gac.com
cleanvehicles@h-gac.com



Clean Cities Quarterly Update

Spring 2009 Edition



Events & Conferences

Sustainability: A "Sustainable Skylines" conference will be held in Dallas, TX on **March 9-11, 2009**.

CNG Maintenance: The Alternative Fuel & Vehicle Institute will be hosting a webinar on the proper maintenance of CNG fueling equipment on **March 24, 2009**.

Fresh Air Friday: H-GAC will be hosting its annual Fresh Air Friday event on **March 27, 2009** at Jones Plaza in downtown Houston, TX.

Emerging Issues: The Nebraska Ethanol Board is hosting "Ethanol 2009: Emerging Issues Forum" in Omaha, NE on **April 2-3, 2009**.

Compelling NGV: A Compelling Case for Natural Gas Workshop will be held in Houston, TX on **April 9, 2008**.

Natural Gas Course: The Energy Management Institute will offer a course on the fundamentals of natural gas on **April 9, 2009** in Chicago, IL.

AF&V 2009: The 2009 Alternative Fuel & Vehicle Institute conference will be held in Orlando, FL on **April 19-22, 2009**.

Emissions Seminar: NAFA will present a seminar on calculating your carbon footprint in New Orleans, LA on **April 24, 2009**.

Clean Tech. 2009: The 2009 Clean Technology conference will be held in Houston, TX on **May 3-7, 2009**.

Biofuel Fundamentals: The Energy Management Institute will offer a course on biofuel basics on **June 17-18, 2009** in New York, NY.

H-GAC Program Highlights

On February 17th, the H-GAC Board of Directors approved a resolution recommending a [short list](#) of on-road and off-road mobile source measures to be forwarded to the Texas Commission on Environmental Quality for evaluation and possible inclusion in the next State Implementation Plan.

The voluntary measures include items encouraging the development of commuting alternatives, expanding the use of intelligent transportation systems, and accelerating the deployment of alternative fuel and advanced vehicle technologies. The recommendations represent [stakeholder feedback](#) collected over the past year through H-GAC committees such as RAQPC and through a number of public hearings and meetings.

For questions or more information about the recommended short list, contact H-GAC's Air Quality Program Manager, [Shelley Whitworth](#).

Spotlight of Excellence

This quarter, we salute:

Coca-Cola, for ordering an additional 185 hybrid trucks, which will be deployed in cities across the country, including Houston.

Renewable Energy Group, for opening a new biodiesel terminal in Seabrook.

Enterprise, for opening a hybrid rent-a-car branch in Houston.

Frito-Lay, for deploying 116 high-efficiency trucks to their Texas region.

Tony Abrego Sand Co., for receiving funding from the Clean Vehicles program to replace one diesel engine with a new 2007-compliant diesel engine.

Danbury ISD, for receiving funding from the Clean School Bus program to replace one diesel engine with a new 2007-compliant diesel engine.

Precab Inc., for receiving funding from the Clean Vehicles program to replace one diesel engine with a new 2007-compliant diesel engine.

Fleet Manager's Toolbox

Green Resource: Environmental Defence has launched a new website called "Innovative Exchange" which compiles studies, best practices, and other tools together in one place to help businesses become greener.

Hybrid Cert.: Toyota has created a special pre-owned certification for hybrids, which includes the same warranty coverage provided for standard certified used vehicles.

Idle-Reduction List: EPA has posted a listing of all currently approved idle-reduction technologies that are eligible for exemption from a 12% federal excise tax.

Biodiesel Standards: The National Biodiesel Board's taskforce on sustainability issued a list of 10 sustainability principles that will guide future efforts in this area.

Station Locator: DOE has launched a new alternative fuel station locator that is accessible from cell phones, Blackberry's, and other PDAs.

Green Driving: A computer-based training program is available thru PHH Arval to help drivers learn fuel efficient and environmentally friendly driving techniques.

NBB Videos: The National Biodiesel Board has launched its own YouTube channel.

SCR Guidance: EPA has issued a supplemental guidance document for the use of SCR technology on heavy-duty diesel engines.

Houston-Galveston Area Council
Clean Cities
Clean Cities Program
Clean Vehicles Program

www.h-gac.com
www.houston-cleancities.org
cleancities@h-gac.com
cleanvehicles@h-gac.com