



## What's New at the Alternative Fuels Data Center October 2004

Listed below are new publications and other information made available in October through the U.S. Department of Energy's (DOE) Alternative Fuels Data Center (AFDC). The AFDC is sponsored by Clean Cities in the Office of Energy Efficiency and Renewable Energy (EERE), and is managed by the National Renewable Energy Laboratory. For more information, or if you would like to subscribe to this monthly update, contact Wendy Dafoe at [wendy\\_dafoe@nrel.gov](mailto:wendy_dafoe@nrel.gov), 303-275-4470.

This update is posted on the Web at [www.eere.energy.gov/cleancities/toolbox/current\\_cutting.html](http://www.eere.energy.gov/cleancities/toolbox/current_cutting.html).

Visit the Clean Cities Conference Web site at [www.afvi.org/palmsprings](http://www.afvi.org/palmsprings). It's full of information about the May 2005 conference, so take a look and get registered.

### ***Publications***

#### **2004 Biodiesel Handling and Use Guidelines**

This 68-page document is a guide for those who blend, distribute, and use biodiesel and biodiesel blends. It is intended to help fleets and individual users, blenders, distributors, and those involved in related activities understand the procedures for handling and using biodiesel fuels.

([www.nrel.gov/vehiclesandfuels/npcf/pdfs/tp36182.pdf](http://www.nrel.gov/vehiclesandfuels/npcf/pdfs/tp36182.pdf).)

#### **Highway and Transit Program Reauthorization: An Analysis of Environmental Protection Issues**

This 21-page CRS Report for Congress provides background information and analysis of key issues. It is a resource document for reauthorizing federal highway funds to alleviate some of the pollution that results from highway construction and travel.

([www.ncseonline.org/NLE/CRSreports/04Jun/RL32057.pdf](http://www.ncseonline.org/NLE/CRSreports/04Jun/RL32057.pdf))

#### **Activities and Accomplishments in FY 2004**

This 4-page fact sheet reports on the activities and accomplishments of covered state and alternative fuel provider fleets and their compliance with the Energy Policy Act of 1992 fleet provisions.

([www.eere.energy.gov/afdc/pdfs/36690.pdf](http://www.eere.energy.gov/afdc/pdfs/36690.pdf))

#### **A Hydrogen Economy and Fuel Cells: An Overview**

This 12-page CRS Report for Congress discusses six key questions related to the hydrogen economy and fuel cells: (1) What is hydrogen fuel? (2) What is a fuel cell? (3) How will hydrogen fuel be used? (4) Where will hydrogen fuel come from? (5) What would it mean to move to a hydrogen economy? and (6) What role can Congress play? ([www.ncseonline.org/NLE/CRSreports/04Jan/RL32196.pdf](http://www.ncseonline.org/NLE/CRSreports/04Jan/RL32196.pdf))

### ***News***

Ecoworld recently posted "**Hydrogen Power in China: Will Fuel Cells Ever Be Clean, Cheap, Efficient?**" at [www.ecoworld.com/Home/Articles2.cfm?TID=352](http://www.ecoworld.com/Home/Articles2.cfm?TID=352). The article discusses China's plans for transportation and specifics on alternative fuel use. It also provides information on U.S. businesses that operate in China.



The **Tucson Clean Cities Coalition** was recently recognized along with the Amphitheater, Sunnyside, and Tucson Unified School Districts for efforts to establish Clean School Bus practices to coordinate with the Clean School Bus USA initiatives. Mike Leavitt, administrator of the U.S. Environmental Protection Agency, thanked the groups for participating in a pilot program with the Arizona Department of Environmental Quality to restrict the idling of school buses to reduce the amount of diesel exhaust produced by their school buses by. Congratulations to the entire Tucson coalition and their coordinator Colleen Crowninshield.

The following news stories were recently posted on the Clean Cities Web site ([www.eere.energy.gov/cleancities/progs/afdc/more\\_news.cgi?cc0](http://www.eere.energy.gov/cleancities/progs/afdc/more_news.cgi?cc0)):

- **Biodiesel Funds Available Through National Clean Cities, Inc.**  
The United Soybean Board and DOE recently provided grant funding to National Clean Cities, Inc. to help introduce biodiesel to a variety of fleets.  
([www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS\\_NEW351000](http://www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS_NEW351000))
- **National Clean Bus Leaders Recognized**  
Six communities were recently recognized as national clean bus leaders.  
([www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS\\_NEW349000](http://www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS_NEW349000))
- **Alternative Fuels Tax Incentive Signed Into Law**  
President Bush recently signed the American JOBS Creation Act of 2004 into law.  
([www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS\\_NEW348000](http://www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS_NEW348000))
- **The First Biodiesel Terminal in the U.S. Opens**  
On Thursday, October 21, the first biodiesel terminal in the United States will open in Alamosa, Colorado.  
([www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS\\_NEW346000](http://www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS_NEW346000))
- **More than 100 E85 Stations in Service**  
The American Lung Association of Minnesota recently announced that Minnesota has more than 100 E85 filling stations.  
([www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS\\_NEW340000](http://www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS_NEW340000))
- **Biodiesel Tax Incentive Passes in the House and Senate**  
A bill that contains the biodiesel tax incentive recently passed with a vote of 280-141 in the House and 69-17 in the Senate.  
([www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS\\_NEW336000](http://www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS_NEW336000))
- **New GM Hybrid Buses Added to Fleet in Louisville, Kentucky**  
The Transit Authority of River City in Louisville, Kentucky, has acquired five GM advanced hybrid diesel-electric buses for its mass transit fleet.  
([www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS\\_NEW338000](http://www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS_NEW338000))
- **Thailand to Replace Standard Gasoline with E10**  
Thailand, which imports more than 90% of the oil it consumes, plans to replace regular gasoline with E10, a 10% ethanol and 90% standard petroleum fuel blend.  
([www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS\\_NEW332000](http://www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?ccWHATS_NEW332000))

### ***Web Sites***

The **AFDC Web site** has a new URL. It can now be found at [www.eere.energy.gov/afdc](http://www.eere.energy.gov/afdc). You can still find the Clean Cities Web site at [www.eere.energy.gov/cleancities](http://www.eere.energy.gov/cleancities).



There are four new **Fuels Performance Web sites** under the Advanced Vehicles and Fuels Research Web site.

- New Fuel Technology Impacts: [www.nrel.gov/vehiclesandfuels/nfti/](http://www.nrel.gov/vehiclesandfuels/nfti/)
- Advanced Petroleum Based Fuels: [www.nrel.gov/vehiclesandfuels/apbf/](http://www.nrel.gov/vehiclesandfuels/apbf/)
- Nonpetroleum Based Fuels: [www.nrel.gov/vehiclesandfuels/npbf/](http://www.nrel.gov/vehiclesandfuels/npbf/)
- Renewable Fuels and Lubricants (ReFUEL) Laboratory: [www.nrel.gov/vehiclesandfuels/refuellab/](http://www.nrel.gov/vehiclesandfuels/refuellab/)

The California Energy Commission has a new Web site about its **Natural Gas Vehicle Emergency Response Training Program** at [www.energy.ca.gov/afvs/ngv\\_emergency\\_response/index.html](http://www.energy.ca.gov/afvs/ngv_emergency_response/index.html). The program is intended to teach emergency responders how to identify natural gas fueled vehicles and how to safely respond to incidents that involve this type of transportation.