

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

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

This update is posted on the Web at [www.ccities.doe.gov/toolbox/coord\\_news.shtml](http://www.ccities.doe.gov/toolbox/coord_news.shtml).

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**10<sup>th</sup> Clean Cities Conference is in Fort Lauderdale. The conference is approaching fast. Get registered at [www.ccities.doe.gov/conference/lauderdale/](http://www.ccities.doe.gov/conference/lauderdale/), click on **Register Now**.** Don't miss out on the opportunity to learn about the new Clean Cities focus areas. Sessions include alternative fuels and vehicles, idle reduction technologies, hybrids, fuel economy, and fuel blends.

### **Regulators Guide to Permitting Hydrogen Technologies**

[www.pnl.gov/fuelcells/docs/permit-guides/overview\\_final.pdf](http://www.pnl.gov/fuelcells/docs/permit-guides/overview_final.pdf). Produced by DOE's *Hydrogen, Fuel Cells and Infrastructure Technologies Program (HFCIT)* this 13-page document drafts model codes and equipment standards for code-enforcing jurisdictions. The series of publications that contains the above Guide also has two other modules:

- **Permitting Stationary Fuel Cell Installations**, Module 1, 42 pages, on the Web at [www.pnl.gov/fuelcells/docs/permit-guides/module1\\_final.pdf](http://www.pnl.gov/fuelcells/docs/permit-guides/module1_final.pdf)
- **Permitting Hydrogen Motor Fuel Dispensing Facilities**, Module 2, 57 pages, on the Web at [www.pnl.gov/fuelcells/docs/permit-guides/module2\\_final.pdf](http://www.pnl.gov/fuelcells/docs/permit-guides/module2_final.pdf)

All three publications are the result of a cooperative effort by the National Fire Protection Association, International Code Council, Pacific Northwest National Lab and the National Renewable Energy Lab.

**The Economic Costs of Fuel Economy Standards Versus a Gasoline Tax.** Published by the Congressional Budget Office in December 2003, this 37-page publication compares the economic costs of two methods for reducing gasoline consumption. On the Web at [ftp://ftp.cbo.gov/49xx/doc4917/12-24-03\\_CAFE.pdf](ftp://ftp.cbo.gov/49xx/doc4917/12-24-03_CAFE.pdf)

**The Diesel Dilemma: Diesel's Role in the Race for Clean Cars.** Published by the Union of Concerned Scientists (UCS) in January 2004. This report explores the question of whether Americans should invest in diesel or gasoline vehicles to reduce oil imports and global warming. On the UCS Web site at [www.ucsusa.org/documents/dieseldilemma\\_fullreport.pdf](http://www.ucsusa.org/documents/dieseldilemma_fullreport.pdf).

**Cranmore Mountain Resort.** Cranmore Mountain Resort in New Hampshire uses B20 in some of its vehicles. We added their success story to the Web site. Cranmore



collaborated with the New Hampshire Department of Environmental Services and the Granite State Clean Cities Coalition on this project. World Energy of Chelsea, Massachusetts, is providing the fuel. Cranmore is the first Eastern winter resort to adopt biodiesel. Success stories are on the Web at [www.ccities.doe.gov/success.shtml](http://www.ccities.doe.gov/success.shtml)

**2004 Fuel Economy Guide** has been posted on fueleconomy.gov for some time. The printed version arrived in February. Contact the Hotline to order a hard copy.

**Demonstration of a Low-NO<sub>x</sub> Heavy-Duty Natural Gas Engine**, published by NREL's Gaseous Fuels Team, is on the Web at [www.afdc.doe.gov/pdfs/34092.pdf](http://www.afdc.doe.gov/pdfs/34092.pdf) this two-page fact sheet summarizes a project that demonstrates heavy-duty natural gas engine emissions reductions in NO<sub>x</sub> and particulate matter.

**NHTSA Extends Dual-Fuel Credit Incentive.** An item on the What's New section of the Clean Cities Web site details this decision. What's New is on the Web at [www.ccities.doe.gov/whats\\_new.shtml](http://www.ccities.doe.gov/whats_new.shtml)

Two publications from workshops held by the National Research Council are available on the Web.

- **The Hydrogen Economy: Opportunities, Costs, Barriers, and R&D Needs.** Discusses the challenges and opportunities on the road to a hydrogen economy. [www.nap.edu/books/0309091632/html/](http://www.nap.edu/books/0309091632/html/)
- **Energy and Transportation: Challenges for the Chemical Sciences in the 21st Century** contains information from a workshop on Energy and Transportation held by the National Research Council. The workshop results identify opportunities and challenges for the chemical sciences in the future of the transportation sector. The key results of the workshop are identified in 14 chapters that are posted by title. On the Web at <http://www.nap.edu/books/0309087414/html/>

