

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

Listed below are new publications and other information made available in September 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, 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).

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The **Model Year 2005: Alternative Fuel Vehicles and Advanced Technology Vehicles Available or Nearing Completion** chart is now available at [www.eere.energy.gov/cleancities/afdc/pdfs/my2005afv\\_atv.pdf](http://www.eere.energy.gov/cleancities/afdc/pdfs/my2005afv_atv.pdf).

The Environmental Protection Agency (EPA) has updated its state-by-state **Carbon Dioxide (CO<sub>2</sub>) Emissions from Fossil Fuel Combustion** data tables to include data for the year 2000. The tables now report annual emissions of CO<sub>2</sub> by sector (commercial, industrial, residential, transportation, and electric utilities) from 1990 through 2000. To view the tables, go to [yosemite.epa.gov/oar/globalwarming.nsf/content/EmissionsStateEnergyCO2Inventories.html](http://yosemite.epa.gov/oar/globalwarming.nsf/content/EmissionsStateEnergyCO2Inventories.html)

The **GSA Toolkit** is now available on the Clean Cities Web site at [www.eere.energy.gov/cleancities/toolbox/gsa\\_toolkit.html](http://www.eere.energy.gov/cleancities/toolbox/gsa_toolkit.html). The toolkit contains useful information for attending General Services Administration (GSA) auctions, including the following fact sheets:

- **Alternative Fuels and AFVs: A Summary**  
([www.eere.energy.gov/cleancities/toolbox/pdfs/gsa\\_summary.pdf](http://www.eere.energy.gov/cleancities/toolbox/pdfs/gsa_summary.pdf))
- **Alternative Fuels and AFVs: Talking Points**  
([www.eere.energy.gov/cleancities/toolbox/pdfs/gsa\\_talking.pdf](http://www.eere.energy.gov/cleancities/toolbox/pdfs/gsa_talking.pdf))
- **Alternative Fuels and AFVs: A Fact Sheet**  
([www.eere.energy.gov/cleancities/toolbox/pdfs/gsa\\_fact\\_sheet.pdf](http://www.eere.energy.gov/cleancities/toolbox/pdfs/gsa_fact_sheet.pdf)).

The toolkit also contains information on locating an auction in your area, contacting GSA, and other helpful auction tips.

The **National Idling Reduction Network News** newsletter includes the latest information on idling reduction regulations, grants, initiatives, events, and other general news. You can subscribe to receive the monthly newsletter via email or view it online at [www.ornl.gov/idlingreduction/networknews.htm](http://www.ornl.gov/idlingreduction/networknews.htm). To subscribe, email [tlevinson@anl.gov](mailto:tlevinson@anl.gov).

Vehicle Identification Numbers (VIN) can be used to identify model car types. This can be useful for **identifying hybrid vehicles based on VIN information**.



- The Toyota Prius is identified by the first 6 characters (JT2BK1) of the 17 character VIN. (Reference: [www.toyota.com/web/vehicles/prius/safety/prius\\_erg\\_1.pdf](http://www.toyota.com/web/vehicles/prius/safety/prius_erg_1.pdf))
- The Honda Insight is identified by the first 6 characters (JHMZE1) of the 17 character VIN. (Reference: [www.insightcentral.net/encyclopedia/enserialno.html](http://www.insightcentral.net/encyclopedia/enserialno.html))
- The Honda Civic Hybrid is identified by the first 8 characters (5-speed: JHMES956, Automatic: JHMES966) of the 17 character VIN. (Reference: [www.hondafirst.com/maintenance/vin.pdf](http://www.hondafirst.com/maintenance/vin.pdf))

An overview of VIN requirements can be found at [www.vehicleidentificationnumber.com/vehicle\\_identification\\_numbers\\_vin\\_overview.html](http://www.vehicleidentificationnumber.com/vehicle_identification_numbers_vin_overview.html).

7 new documents were made available in the AFDC Document Database ([www.eere.energy.gov/cleancities/afdc/pubs/doc\\_database.html](http://www.eere.energy.gov/cleancities/afdc/pubs/doc_database.html)):

- **Fuel Cell Hybrid Bus Lands at Hickman AFB**  
This 2-page fact sheet covers the arrival of a fuel cell hybrid electric bus at Honolulu's Hickman Air Force Base, becoming the first fuel cell vehicle in Hawaii and the first in the U.S. Air Force. ([www.eere.energy.gov/cleancities/afdc/pdfs/36412.pdf](http://www.eere.energy.gov/cleancities/afdc/pdfs/36412.pdf))
- **Development of the High-Pressure Direct-Injection ISX G Natural Gas Engine**  
This 2-page fact sheet summarizes the results of a project to develop the heavy-duty ISX G natural gas engine with advanced emission reduction strategies. ([www.eere.energy.gov/cleancities/afdc/pdfs/36252.pdf](http://www.eere.energy.gov/cleancities/afdc/pdfs/36252.pdf))
- **Fuel Dispensing Units (Fire Protected Units for Storage of Gasoline & Ethanol Blends, Including E85)**  
([www.modweldco.com/gsa/20A-FGSE.pdf](http://www.modweldco.com/gsa/20A-FGSE.pdf))
- **Fire Safety Analysis Manual for LP-Gas Storage Facilities**  
([www.npga.org/files/public/Fire\\_Safety\\_Analysis\\_Manual.pdf](http://www.npga.org/files/public/Fire_Safety_Analysis_Manual.pdf))
- **Support of Facilities for Hydrogen-Fueled Vehicles: Conceptual Design and Cost Analysis Study**  
This 80-page technical report provides the results of a study to better understand facility modifications and incremental costs that may be necessary to safely accommodate hydrogen fuel cell vehicles (HFCVs) parked in buildings. ([www.fuelcellpartnership.org/pdfs/ResourceDocs/FacilitiesStudy08.2004.pdf](http://www.fuelcellpartnership.org/pdfs/ResourceDocs/FacilitiesStudy08.2004.pdf))
- **Overview of Advanced Technology Transportation, 2004 Update**  
This 24-page technical report provides an annual overview of the transportation market, including energy use, vehicle sales, emissions, potential partners, advanced technology vehicle availability, and other factors. ([www.eere.energy.gov/cleancities/afdc/pdfs/35419.pdf](http://www.eere.energy.gov/cleancities/afdc/pdfs/35419.pdf))
- **Material Safety Data Sheet Speedway/Superamerica E85**  
([www.speedway.com/AboutUs/ProductSafety/PDFs/0137SPE012.pdf](http://www.speedway.com/AboutUs/ProductSafety/PDFs/0137SPE012.pdf))

