

Federal Fleet Files

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Highlighting the latest news and developments affecting Federal fleets.

Energy Policy Act of 2005 Section 701 Waivers

The latest round of Energy Policy Act (EPAct) of 2005 Section 701 waiver requests has come and gone. The section requires agencies to use only alternative fuel in dual fueled vehicles except when a waiver is approved by the U.S. Department of Energy (DOE). Waivers are granted if alternative fuel is unavailable within five miles or a 15 minute drive (one-way) or if it is unreasonably expensive compared to gasoline. The deadline to submit waiver requests via the Federal Automotive Statistical Tool (FAST) (<https://fastweb.inel.gov>) was June 30, 2009.

The fiscal year 2010 waiver process changed significantly from past years, allowing agencies to get a preliminary decision through FAST prior to submitting final waiver requests. If an agency did not receive preliminary waiver approval, they were asked to provide justification if still seeking a waiver from the DOE. This automated process allowed DOE to provide waiver results faster.

For fiscal year 2010, DOE approved waivers for 74,141 vehicles, representing 80% of all waiver requests and a 9.4% increase of approvals from fiscal year 2009. Sixteen agencies reduced the number of waivers approved in the previous year while nine increased. Total number of waivers, however, decreased 0.9% under the assumption that total number of alternative fuel vehicles in civilian agencies increased at the same rate from 2009 to 2010 as happened from 2008 to 2009.

DOE reports waiver results annually to the Office of Management and Budget (OMB). Each is reflected on OMB Transportation Scorecards with a requirement that agencies demonstrate an annual reduction in waivers year to year. Waiver results are available at <http://www.afdc.energy.gov/afdc/data/fleets.html>.

To learn more about EPAct 2005 Section 701 requirements, read the *Draft Guidance: Documentation Requirements for Waiver Requests under EPACT 2005 Section 701* at http://www.eere.energy.gov/femp/pdfs/701_guidance.pdf.

Alternative Fuels Success Story: Los Alamos National Laboratory

In 2002, Los Alamos National Laboratory (LANL) secured funding to install an on-site fueling station with one E85 and one unleaded fuel tank. Construction began in 2003, but additional environmental containment requirements identified in 2005 pushed the project over budget. Soil contamination problems in 2006 slowed the project further. Despite these setbacks, LANL remained dedicated to the project.

LANL assembled a team in August 2006 to revisit options for fueling its E85 capable vehicles. This team produced four scenarios to allow alternative fuel use in fleet vehicles and complete the on-site fueling station. As a result, LANL purchased a 3,000 gallon fuel truck as a mobile means of transporting and dispensing E85 fuel. The fuel truck drives approximately 60 miles twice per week to pick up E85 from a supplier. Its 3,000 gallon tank has the ability to fuel all of the E85 flex fuel vehicles at LANL. The fuel truck is a temporary solution. LANL continues to work towards the completion of a permanent on-site E85 fueling station.

Department of Energy Continues Work on Kentucky E85 Fueling Station

Work continues on the new DOE E85 fueling station located at 5600 Hobbs Road in West Paducah, Kentucky. The station is set to begin operation on October 1, 2009.



Department of Commerce Develops Wet Hosing Pilot

Eston Lewis, fleet program manager for the Department of Commerce (DOC), developed a wet hosing pilot project to help Federal agencies meet Executive Order 13423 fuel consumption requirements. The program positions a fuel truck at one or more locations in Washington, D.C., to create a mobile E85 fueling station. The result offsets Federal agency inability to access E85 in the D.C. area.

Contact

For comments or suggestions, contact Ryan Daley at ryan.daley@nrel.gov.

Multiple Federal agencies have expressed an interest in joining the DOC wet hosing pilot project, and still more are keeping a close eye. Joining together and increasing the number of program vehicles decreases costs while increasing the amount of alternative fuel used in the region. If all goes well, the wet hosing project may be expanded to surrounding Maryland and Virginia.

Federal agencies interested in learning more about the wet hosing project are encouraged to contact Eston Lewis directly at 202-482-2131 or elewis3@doc.gov.

Alternative Fuel Finder

The National Renewable Energy Laboratory (NREL) maintains a database of alternative fuel stations nationwide through the DOE Alternative Fuels and Advanced Vehicles Data Center (AFDC). The list below shows new alternative fuel stations added since last publication. Check the AFDC Alternative Fuel Station Locator (<http://www.afdc.energy.gov/afdc/locator/stations/>) for the most up-to-date information:

Station Name	City	State
Biodiesel		
Zoomerz #68	Bulls Gap	TN
Eagle Energy	Paso Robles	CA
Maine Bio-Fuel	Portland	ME
Stinker	Boise	ID
Compressed Natural Gas		
AVSG	Middleboro	MA
Shell	San Juan Capistrano	CA
Robertson's Palmdale Honda	Palmdale	CA
Liquid Propane Gas		
KB Johnson Oil & Gas Co.	Fuquay-Varina	NC
Wisconsin River Cooperative	Adams	WE
Wisconsin River Cooperative	Mauston	WE
Island Energy	Paragould	AR
Dynasty Propane	Beeville	TX
Cannon's Propane Company	Silsbee	TX
Ace Propane	Somerset	TX
Revere Gas	Williamsburg	VA

Station Name	City	State
E85		
Badger State Ethanol Smart St.	Platteville	WE
Renew	Seymour	WE
Martin's Super Markets	Nappanee	IN
McClure Oil #32	Peru	IN
McClure Oil #4	Marion	IN
Woodbury BP Daily Express	Woodbury	MN
Zoomerz #67	Kingston	TN
Zoomerz #59 - Exxon	Newport	TN
Valley Mart #12	Athens	TN
Montgomery County Agencies	Silver Spring	MD
Union 76	Perris	CA
Hydrogen		
NREL Renewable H2 Station	Boulder	CO
GM Burbank	Burbank	CA
GM Honeoye Falls	Honeoye Falls	NY
Yeager Airport	Charleston	WV