

US EPA ARCHIVE DOCUMENT



Upcoming Events

Here's what's happening in the clean diesel world in the coming weeks:

April 28: South Shore Clean Cities in coordination with the Indiana Soybean/Indiana Corn Growers along with the Indiana Office of Energy & Defense Development will be hosting "Biofuels Moving Indiana Forward" on Monday April 28th 2008. All Fleet Managers, Fuel Marketers and Distributors, Fuel Retailers, Engine Manufacturers along with Governmental Entities and Businesses interested in lessening their dependence on foreign oil are invited.

Please see www.southshorecleancities.org for registration details or call 219-365-4289.

May (TBD): The Lake Michigan Consortium (Chicago Area Clean Cities, Wisconsin Clean Cities, along with South Shore Clean Cities) will be hosting a Natural Gas Vehicle Workshop event with the Natural Gas Vehicles of America in May 2008. More details to forthcoming soon. Please contact 219-365-4289 for further details.

FY07 MCDI and Clean School Bus Grants

So far, EPA has awarded funds to 8 Midwest Clean Diesel and Clean School Bus (CSB) grant applicants. The grants were awarded through FY07 MCDI and CSB funds. Total funds awarded for MCDI grants are \$155,137, and total funds awarded for CSB grants are \$652,430. Below are synopses of grants awarded so far:

Cook County, Illinois: Cook County will reduce emissions of carbon monoxide and fine particulate matter from 30 County-owned diesel engines by installing 26 diesel oxidation catalysts (DOC's) and 4 diesel particulate filters (DPF's), all EPA verified. In addition, Cook County will initiate an aggressive public awareness campaign targeting County employees and the general public. EPA has awarded Cook County \$103,297.

American Lung Association of the Upper Midwest: EPA is providing funding to assist the American Lung Association in retrofitting 15 school buses with idle reduction equipment in Illinois. The equipment provided through this grant are expected to reduce 2,029 school children's daily exposure to potentially harmful particulate matter and other pollutants emitted from diesel school bus engines. EPA has awarded the American Lung Association of the Upper Midwest \$67,924.

Canton Local School District (Ohio): Through this project, the Canton Local School District (CLSD) will purchase 9 DPF's, 15 DOC's, 24 closed crank case filtration systems, and two bus replacements. CLSD will educate its drivers of the importance of reducing emissions and idling through in-service training and bulletin board notices. CLSD will also highlight its efforts in the school newsletter. EPA has awarded Canton Local School District \$154,848

Elkton-Pigeon-Bay Port Laker School District (Michigan): EPA will provide assistance to Elkton-Pigeon-Bay Port Laker School District for the purpose of modernizing their school bus fleets. This funding will allow the District to retrofit 19 buses with EPA and/or CARB verified DOC's, and also move the fleet from B2 to B20 biodiesel. EPA has awarded Elkton-Pigeon-Bay Port Laker School District \$59,120.

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Hamilton County Board of County Commissioners(Ohio): This project will replace 3 pre-1990 model year school buses with newer, cleaner buses and retrofit 60 1997-2003 model year school buses with DOC's and closed crankcase ventilation systems. Six school districts will partner with Hamilton County Department of Environmental Services and Duke Energy to accomplish this task. EPA has awarded the Hamilton County Board of County Commissioners \$118,000.

Norwalk-Ontario-Wilton Schools (Wisconsin): This project will provide funding to assist the Norwalk-Ontario-Wilton School District in retrofiting 9 school buses with DOC's and closed crankcase filtration systems, employ idle reduction technologies on 10 buses, and replace one bus with a new, less polluting bus. The project will also include education of staff and the public on the importance of clean air practices. EPA has awarded Norwalk-Ontario-Wilton schools \$86,353.

St. Clair Regional Education Service Agency (Michigan): The St. Clair Regional Education Service Agency's project will allow area school districts to retrofit 183 buses with EPA and/or CARB verified DOC's, using cleaner fuels, and/or replacing older school buses with new, cleaner models. EPA has awarded the St. Clair Regional Education Service Agency \$166,185

City of Chicago: The City of Chicago Clean Diesel Project's goals are to demonstrate the effectiveness of idling reduction technology on diesel engines, reduce the amount of air pollution emitted by the City of Chicago's fleet, conserve fuel resources, and reduce costs associated with wasted fuel and accelerated wear and tear on vehicles cause by excessive idling. The City will install diesel-fired engine coolant heaters on 13 heavy-duty refuse trucks that are utilized daily for residential refuse disposal by the City's Department of Streets and Sanitation. EPA has awarded the City of Chicago \$51,840.

Manitowoc Public School District (Wisconsin): The Manitowoc Public School District will retrofit 14 school buses with Webasto heaters. The heating units will reduce idling time on these buses, which will reduce diesel emissions. The buses already have diesel emission reduction equipment and burn low-sulfur diesel fuel. In addition, the buses will be getting crankcase filtration systems funded by the Wisconsin Department of Natural Resources. EPA has awarded the Manitowoc Public School District \$37,271.

For more information about FY07 grants, contact Sharleen Getschman at getschman.sharleen@epa.gov

EPA Sets New Locomotive and Marine Emissions Standards

On March 14, EPA set new emissions standards which will slash pollution from locomotive and marine diesel engines by up to 90 percent, helping Americans to breathe cleaner air as soon as this year.

"Today EPA is fitting another important piece into the clean diesel puzzle by cleaning emissions from our trains and boats," said EPA Administrator Stephen L. Johnson. "As more and more goods flow through our ports and railways, EPA is cutting diesel emissions at their source – keeping our nation on track toward a clean, healthy, productive tomorrow."

When fully implemented, these new standards will reduce soot or particulate matter (PM) by 90 percent or 27,000 tons and reduce nitrogen oxides emissions (NOx) by 80 percent or nearly 800,000 tons. Nationwide this regulation will help prevent 1,400 premature deaths, and 120,000 lost workdays annually in 2030. The estimated annual health benefits are valued between \$8.4 billion and \$12 billion. When these older locomotive and marine engines reach the end of their useful life, and new engines enter into the nation's diesel fleet, the benefits of today's action will increase.

Working in collaboration with our partners and our commitment to clean technology helps make EPA's Clean Diesel Locomotive and Marine program possible. The rule cuts emissions from all types of diesel locomotives, including line-haul, switch, and passenger rail, as well as from a wide range of marine sources, including ferries, tugboats, Great Lake freighters and all types of marine auxiliary engines.

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For the first time ever, this rule requires remanufacturing standards for marine engines, reductions in engine idling, and the use of after treatment technology that will further reduce diesel emissions. Phasing in tighter long-term standards for PM and NOx will begin in 2014 for marine diesel engines and in 2015 for locomotive engines. Advanced after-treatment technology will apply to both types of engines. The effective dates for NOx will be two years earlier from last year's proposal, bringing cleaner air sooner.

Today's action is another achievement in EPA's efforts to reduce pollution from diesel engines. This new rule complements the Clean Air Nonroad Diesel Rule and the Clean Air Diesel Truck and Bus Rule, currently underway nationwide.

For more information, please visit:

www.epa.gov/otaq/locomotv.htm

www.epa.gov/otaq/marine.htm

Region 5 States Forming Clean Diesel Coalitions

EPA Region 5 states are forming clean diesel coalitions to improve the effectiveness of clean diesel actions. The state coalitions will make communicating important news and event information easier, and also bring together diverse groups with the common goal of reducing diesel emissions in their state. Each coalition is in varying degrees of infancy, but you can view interim web pages by clicking on each state's respective web link:

Illinois Clean Diesel Coalition: <http://www.illinoisgreenfleets.org>

Indiana Clean Diesel Coalition: <http://www.in.gov/idem/programs/air/dieselwise/index.html>

Ohio: (coming soon)

Michigan: (coming soon)

Project Green Fleet (Minnesota): <http://www.projectgreenfleet.org/index.html>

Wisconsin Clean Diesel Coalition:

<http://power.wisconsin.gov/category.asp?linkcatid=2407?linkid=1124?locid=131>

MCDI Spotlight:

2008 EPA Region 5/MCDI Clean Diesel Funding RFP

On March 14, 2008, EPA Region 5, through the Midwest Clean Diesel Initiative, announced the availability of approximately \$5 million in clean diesel funds as part of the 2008 National Clean Diesel Program. The RFP focuses on reducing emissions from existing diesel engines within the Region 5 states of Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin. The exact number of cooperative agreements EPA will fund as a result of this announcement are going to be based on the quality of the project proposals received and the availability of funding. We anticipate awarding 10-20 cooperative agreements for amounts ranging between \$100,000 and \$750,000. Proposals should be submitted electronically through the [Grants.gov](http://www.grants.gov) web site by no later than **Thursday, June 12, 2008, 6:00 pm, Central Daylight Time**. If you cannot submit an electronic application, please contact Sharleen Getschman at (312) 353-3486 and/or getschman.sharleen@epa.gov for alternative submission methods. You are encouraged to use the [Grants.gov](http://www.grants.gov) web site to submit your application.

To view the RFP, please visit:

<http://www.epa.gov/midwestcleandiesel/grants/FY08outreachdocs/mcdi-rfp-2008.pdf>

It is recommended that you read the entire RFP for complete information. You can also view select RFP information, as well as information about other FY08 funding opportunities, at:

<http://www.epa.gov/midwestcleandiesel/grants/mcdirfp08.html>

There is a question-and-answer document posted at the web page listed above. Your question about the RFP may have already been answered, so check the Q&A before submitting your RFP question. Questions specific to the RFP should be submitted to Shari Holloway at (312) 886-6778 and/or holloway.shari@epa.gov.

Contact Steve Marquardt (312-353-3214 and/or marquardt.steve@epa.gov) or Sharleen Getschman for any other questions or assistance you may need.



You are subscribed to the Midwest Clean Diesel Initiative e-mail list, a service brought to you by USEPA, Region 5 to inform you of news and related events on diesel programs in the Midwest. If you wish to have your name removed please email: maietta.anthony@epa.gov