

US EPA ARCHIVE DOCUMENT

Midwest Clean Diesel Initiative Hosts Leadership Group and “Tools and Incentives for Green Diesel Technology: Lower Emissions, Higher Profits”

On September 6th MCDI assembled a group of leaders from a variety of sectors including non-profit sector leaders, government officials, emission control technology manufacturers, and fleet managers. The group met in the morning to discuss the initiative, and to gain valuable feedback from some of MCDI's strongest supporters. EPA Region 5's Acting Regional Administrator, Bharat Mathur, offered opening remarks emphasizing that collectively the Leadership Group can bring energy, resources, and results to this important environmental challenge. Cummins Engine Co., the Ohio Environmental Council, and the Illinois Environmental Protection Agency volunteered to co-chair the group.

Following a productive session, a two-day forum was held on the afternoon of September 6th and on the 7th. Over 100 representatives from state, federal, and local governments in addition to non-profits, retrofit and anti-idling device manufacturers, lending institutions, trucking and rail companies attended the workshop, entitled "Tools and Incentives for Green Diesel Technology: Lower Emissions, Higher Profits". The event's purpose was to begin a dialogue on developing new funding programs for diesel emission reduction and fuel-efficient technologies in Region 5. It consisted of panel presentations on existing grant, loan, and tax incentive programs from around the country. These panel presentations were supplemented with breakout sessions in which conference participants discussed how new programs might be created. Keynote speakers included Region 5's Acting Regional Administrator, Bharat Mathur, and the Illinois Department of Transportation Secretary, Timothy Martin. The event was held at the Federal Reserve Bank of Chicago. The conference ended with a discussion of actions participants intend to take as a result of the conference, which included investigating the use of state revolving loan and state infrastructure bank funds for diesel projects, developing hybrid grant and loan programs, and building partnerships between agencies, industry, and non-profits to pursue new funding opportunities.



Prabhat Diksit, FHWA, speaks at "Tools and Incentives for Green Diesel Technology"



Attendees at the MCDI Leadership Group meeting

Presentations from the conference are posted online. In addition, US EPA Region 5 will distribute a white paper on the key conclusions of the conference to all participants via email and will post the paper at: www.epa.gov/midwestcleandiesel

CICCA Holding 3rd Annual Heavy and Medium Duty Fleet Workshop

On September 21st, the Central Indiana Clean Cities Alliance is holding its 3rd annual Heavy Duty Fleet Workshop, entitled "The Road to Cleaner Fleet Operations Through: Alternative Fuels, Diesel Emission Reduction and Idle Reduction Technologies." This one-day workshop will cover topics such as: ultra-low sulfur diesel fuel, stationary and onboard idle reduction technologies, exhaust after-treatment retrofit technologies, alternative fuels, and the status of Indiana's State Implementation Plan. Visit www.cicca.org for details.

ULSD Retail Availability-October 15th

As part of regulations requiring the phase-in of lower sulfur fuel throughout on-road and non-road sectors, Ultra-Low Sulfur Diesel (ULSD) is expected to be widely available at on-road retail stations beginning October 15th, 2006. Most refiners were required to begin producing ULSD on June 1st, and labeling requirements became effective on the same date. The Clean Diesel Fuel Alliance, a group with representatives from EPA and the Petroleum Industry, has developed a helpful website. More information can be found at: www.clean-diesel.org

IdleAire Opens Advanced Truckstop Electrification Installation in Ohio

IdleAire Technology Corporation's first Advanced Truckstop Electrification installation in the Midwest, at the Petro Stopping Center in Stoney Ridge, Ohio, began serving long-haul truck drivers on September 9th. This is one of the largest truck stops in the state and is heavily used, as it is located at the intersection of I-280 and I-80/90. In the first four days of operation, IdleAire estimates that the system eliminated an estimated 13 tons of diesel emissions. Truckstop electrification provides a significant opportunity to reduce diesel emissions in the future. If each of the 75 IdleAire-equipped spaces at this location is used for 10 hours a day (the minimum rest period required of drivers), the estimated emission reductions would be approximately 2,900 tons each year, with a fuel savings of 274,000 gallons.

IdleAire is a provider of advanced truck stop electrification technology, which allows truckers to turn off their main propulsion engine instead of idling. The technology provides in-cab air conditioning, heating, electricity, cable television, telephone, and internet access. More information on IdleAire can be found at: <http://www.idleaire.com/>

New Midwest Clean Diesel Initiative Documents Available at MCDI Web Site

Look for new informational documents on the Midwest Clean Diesel Initiative web site. The new documents include state-specific fact sheets which provide a closer look at diesel engine emissions in each state in the region, an informational document titled "Diesel Exhaust and Your Health", and an overview of the Midwest Clean Diesel Initiative.

Check out the MCDI website at www.epa.gov/midwestcleandiesel to view and download these and other diesel-related materials.

MCDI Partner Spotlight: **Indiana's DieselWise Program**



The Indiana Department of Environmental Management (IDEM) has implemented several programs aimed to reduce diesel emissions throughout the state, and to date has administered over \$125,000 in idle reduction grant programs. One successful program that has allowed IDEM to further leverage funding is the State's Quantity Purchase Agreement (QPA).

To provide the greatest air quality benefit at the lowest cost, IDEM's Office of Air Quality completed a formal bid process for a State Quantity Purchase Agreement (QPA) from any interested vendors that could provide EPA verified Diesel Oxidation Catalysts (DOC) in bulk quantities. After careful consideration, the State of Indiana awarded the QPA to Lubrizol Corporation (now Engine Control Systems). This QPA became effective on September 3, 2004. The QPA allows any State Agency and/or Political Subdivision, such as municipal, school, and public transportation entities, to purchase DOCs for \$840 per unit. To date, approximately 10 school districts and local municipalities have used this cost-effective instrument to purchase 400 diesel oxidation catalysts, which equates to a total cost savings of \$300,000. Indiana Department of Environmental Management is exploring options to incorporate diesel particulate filters into a similar program.

In order to reduce diesel emissions from the freight sector in Indiana, IDEM has joined EPA's SmartWay Transport Partnership as an Affiliate Partner, and they are actively promoting the SmartWay message across Indiana. Additionally, IDEM has recently retrofitted Governor Mitch Daniels' mobile office, a 2001 Beaver Patriot Thunder motor coach, called RV-1 with a DOC.

**For more information please contact Shawn Seals at sseals@idem.in.gov
www.in.gov/idem/programs/air/dieselwise/index.html**



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: nichols.jonathan@epa.gov