



Greater Lansing Area Clean Cities Coalition **Summer Newsletter**

Michigan Clean Transportation Expo & Awards Gala is Back! *Don't Miss this Event*

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The 2nd Annual Michigan Clean Transportation Expo & Awards Gala (MCT) gathers Michigan's transportation leaders to find innovative solutions to pressing clean transportation issues. At the MCT there is something for everyone - from fleet managers, technical experts, entrepreneurs, investors, policy makers, to researchers and developers. Organizations and individuals from across



the state and beyond will benefit from attending this one-of-a-kind event. Last year's first ever MCT drew over 250 attendees to the MCT Expo and sold-out Gala dinner. Dozens of exhibitors and sponsors received exposure to their key audiences, including

Cummins Bridgeway, Bosch Rexroth, General Motors, Chrysler, Fisher Coachworks, DTE Energy, and others. Awards were given in ten categories to recognize efforts by: automotive companies, local governments, *Continued on page 6*

GLACC Awarded More Than \$1 Million

Dean Transportation to Retrofit Over 400 School Buses With Emission Reduction Technology

GLACC has been awarded a \$1.07 million grant to reduce school bus emissions in Michigan. The award – part of the American Recovery and Reinvestment Act (ARRA) through the U.S. Environmental Protection Agency (EPA) – will help

improve public health, particularly for school children, protect the environment and create jobs.

The grant will help GLACC reduce harmful emissions in the Lansing area through the retrofit of more than 400

Dean Transportation public school buses with diesel oxidation catalysts (emissions reduction equipment) and will also replace six **Grand Ledge Public School** buses with newer, cleaner, more efficient low-emission buses. GLACC was among *Continued on page 3*



Funding Opportunities for Fleets, Fueling Stations, OEMs, and R&D Companies

Efficient Trucks and Light Duty Vehicles – Recovery Act

DE-FOA-0000079

Systems Level Technology Development, Integration, and Demonstration for Efficient Class 8 Trucks and Advanced Technology Powertrains for Light-Duty Vehicles. Through this RFP, DOE seeks the development and demonstration of a 50% improvement in overall freight efficiency on a heavy-duty Class 8 tractor-trailer measured in ton-miles per gallon, and to accelerate the development of cost-competitive engine and powertrain systems for light-duty vehicles capable of attaining breakthrough thermal efficiencies while meeting future emissions standards. Link to Info: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47867>

Recovery Act: Development of Algal/Advanced Biofuels Consortia

DE-FOA-0000123

Provides funding for establishing Consortia for two primary topic areas - Development of Algal Based Biofuels, and Development of Advanced Cellulosic Biofuels. Consortia are being sought that synergistically use their unique capabilities to expedite the development of biomass-based fuel production pathways. Such partnerships should include an appropriate mix of U.S. industry, academia, and government and/or non-government laboratories, and could include foreign entities with the appropriate skill sets. Link to Info: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47867>

Recovery Act Funding for Expansion of Infrastructure for Higher Ethanol Blends

DE-FOA-0000125

This funding opportunity announcement aims to increase the availability and use of potential gasoline/ethanol blends up to E85 (85 % ethanol) through two Topic Areas: (1) Refueling Infrastructure for Ethanol Blends – cost-shared projects to modify, upgrade, or expand the infrastructure at retail fueling locations to accommodate gasoline-ethanol blends up to E85; (2) Outreach for Ethanol Blends – projects which will increase public awareness

of the benefits, safety, and use of ethanol blends as a transportation fuel. \$5.5 Million is available. More info is available at www.grants.gov.

Recovery Act: Community Renewable Energy Deployment

DE-FOA-0000122

The purpose of this FOA is to move EERE toward one of its goals to improve knowledge and to promote acceleration of market adoption of renewable energy (RE) technologies. Projects should support and enable the deployment goals across the portfolio of EERE's renewable energy programs, with the intent of creating examples that can be further replicated by other communities, nationally and internationally. Projects under this program could be fuel/vehicle related. \$21.45 Million is available. More info is available at www.fedconnect.com.

Michigan Bureau of Energy Systems Biomass Energy Demonstration Grants

This Michigan Biomass Energy Program (MBEP) Request for Proposals (RFP) seeks to obtain proposals for state projects that contribute to the deployment/enhanced performance of fully commercialized biomass energy technologies. Examples of fundable projects could be the following: a product or strategy to improve production efficiency or apply biomass to energy conversion technology in a new or lower-cost manner; a plan to address the management and conversion of agriculture crops/waste, energy crops, animal waste, or organic municipal solid waste to energy at a host site or in cooperation with potential users of the technology; expanding the market for biofuels such as ethanol and biodiesel; advancing the expansion of wood-to-energy use; or developing emission factors for stationary energy units such as corn and wood-fired boilers. MBEP plans to award multiple grants of up to \$24,950 per project. The State expects to issue grant agreements with a 1:1 match requirement from the applicants. More information is available at www.michigan.gov/biomass.



Ever Wonder Why Funding Matters for Your Fleet?

Over the course of US history, new markets have been stimulated by federal and state programs to promote or advance technology. Generally, the idea behind such programs is to increase competition, sometimes related to the availability of products that could benefit public and/or environmental health. In recent years alternative fuels and vehicles have been the beneficiaries of this type of support. Some might argue this support has come in ways that are not as effective as some might like, while others might say any support is better than none.

So why should you care? A primary reason to care is that federal and state grants for alternative fuel and vehicle projects can improve the way your organization impacts your community. Given that alternative fuels and vehicles have a smaller impact on public and environmental health

than their conventional counterparts, using these technologies allows your organization to reduce air pollution and potential soil and water contamination due to petroleum fuel products. On another front, alternative fuels and vehicles allow your operation to reduce fuel consumption, thus save money on fuel. Of particular interest here are petroleum fuels, which are primarily imported from other nations. A greater benefit to the national and local economies is possible through the availability of more fuel types, especially if they are produced within the U.S. or better yet - within Michigan.

Projects have come to Michigan recently helping fleets take on cleaner fuels and vehicles. For instance, more than ten Michigan public transit agencies received over \$55 Million in federal Recovery Act funding for cleaner buses, including GLACC member Capital Area Transportation

Authority. Two Michigan entities, including GLACC, received grant awards to “clean up” school buses, while another Michigan group will help bring cleaner engines to large ships operating on the Great Lakes. Even more projects have been submitted for funding that have not yet been decided upon. Funding for these projects, again, leads to a stronger domestic fuel and vehicle industry.

Consider how your organization’s fleet operates and where you could make changes to reduce fuel use and emissions. GLACC can help you learn about clean fleet options and help connect you to funding opportunities that can help cover the cost. Learn more at www.michigancleancities.org or www.eere.energy.gov/cleancities.

Dean Transportation

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only 12 selected for \$26.5 million in total funding across the Region.

“Investing in clean diesel projects in the Great Lakes region will protect public health, bolster the economy and create green jobs,” said U.S. EPA Regional Administrator, Bharat Mathur, regarding the ARRA awards under this program. “These Recovery Act funds move us one small step closer to a clean energy future.”

Updating and replacing school buses will improve the air quality for students, drivers, and the public alike, as well as reduce premature deaths, asthma attacks and

other respiratory ailments, lost work days, and many other health impacts every year. These clean diesel projects will additionally help create and retain Michigan jobs, boosting Michigan’s economy.

“This grant supports Dean’s commitment to our children, to our environment and to a healthier community,” said Kellie Dean, president, Dean Transportation. “Thanks to the grant, Dean will be able to hire additional technicians to support our current staff with the installation of the DOCs on our vehicles.”



From Left: GLACC Executive Director, Rachel Kuntzsch, Grand Ledge Public Schools Superintendent, Steve Matthews, EPA Midwest Clean Diesel Initiative Manager, Steve Marquardt, Dean Transportation President, Kellie Dean



First Annual Green Fleet Workshop Series Closes as a Success

On August 18 GLACC closed out the 2009 Green Fleet Workshop Series with the fourth workshop in the series. The focus of this workshop was “Emissions Reduction and Fuel Savings – Aftermarket Equipment and Emissions Reduction Funding”. Earlier workshops in the series covered topics from Biofuels and Hybrid Electric & Hydraulic Hybrid Medium and Heavy Duty Vehicles, to Propane Fuel and Vehicle Options for Fleets.

Presenters during the workshop series included a variety of fleets and organizations including Consumers Energy Fleet Services, Meijer Outbound Logistics, Eaton Corporation, National Biodiesel Board, American Coalition for Ethanol, CleanFuel USA, Michigan Propane Gas Association, Dixie Chopper, Roush Performance, Michigan Clean Diesel Initiative, Energy Xtreme, CerMet Lab, and Webasto.

Based on the success of this workshop series GLACC plans to hold more workshops in 2010 and welcomes input and suggestions on topics to cover. GLACC is grateful for the support of our workshop series sponsors - Corn Marketing Program of Michigan, Consumers Energy, Meijer, Michigan Department of Agriculture, Michigan Propane Gas Association, and National Biodiesel Board.



GLACC Annual Member Meeting Provides Needed Feedback

A recent GLACC member meeting offered an opportunity for members to assist GLACC staff in finalizing a three-year strategic plan to help steer the coalition toward long-term sustainability as an organization.

Through the use of member Tri-County Regional Planning Coalition (TCRPC) survey equipment, GLACC members were able to provide feedback on strategic planning goals, objectives, and activities that are of most importance to them. This feedback is key to planning future programs, activities, and events for GLACC. As a local coalition under the U.S. Department of Energy's national Clean Cities program, member feedback allows GLACC staff to shape efforts toward displacing petroleum in a way that fits the local, mid-Michigan needs.

Key Findings

from the GLACC Annual Member Meeting include:

Types of alternative vehicles (and associated alternative fuels) members are most interested in:

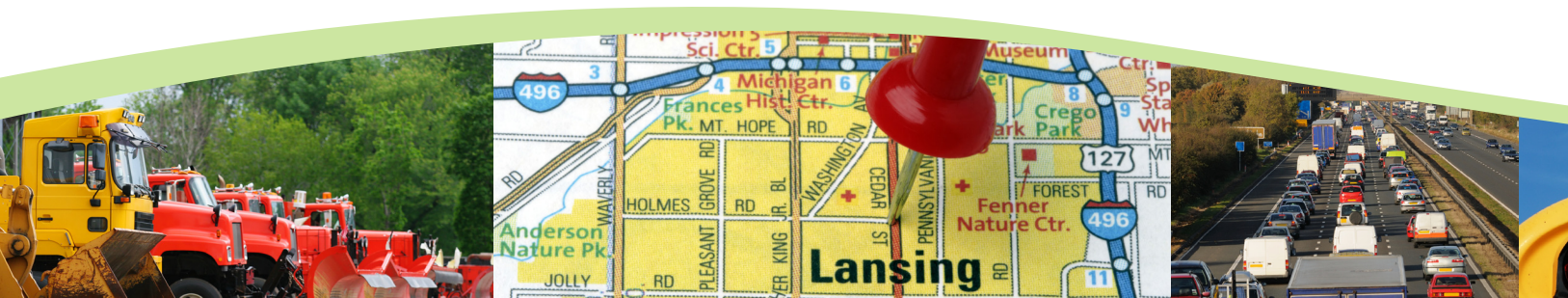
- Flex-fuel vehicles (ethanol capable)
- Electric vehicles

New GLACC activity of interest to members:

- Education and outreach to policy-makers on alternative fuels and advanced vehicles

Most popular GLACC member volunteer activities:

- Facilitate opportunities to promote GLACC in the community
- Complete the annual alternative fuel/vehicle usage survey



Did You Know?

New CNG Vehicles Available

Ford Motor Company has expanded their alternative fuel vehicle portfolio for fleets with the recent announcement of the compressed natural gas (CNG) ready engine. This option is called “CNG-prep” and is available for the Ford Econoline van. The CNG-prep option gives fleet vehicle purchasers the flexibility to convert

the vehicle to a CNG fuel system at anytime after purchase. With fleets looking more and more at alternative fuel vehicles, this is an option that provides flexibility in fuel choice.

The CNG-prep option is the latest in Ford’s alternative fuel vehicle portfolio for fleets. Related efforts

include the recent roll-out by Roush Performance of their F-Series (and E-Series) propane powered line of trucks and vans in partnership with Ford Motor Company. Check out the GLACC website www.michigancleancities.org for more about available alternative fuel vehicles from a variety of Original Equipment Manufacturers (OEMs).

2009 GLACC Radio Campaign Highlights Members

GLACC has completed a radio campaign to increase awareness of coalition clean fleet activities. This project was part of a joint grant with two other Michigan Clean Cities Coalitions - Clean Energy Coalition and NextEnergy’s Detroit Area Clean Cities Coalition. GLACC’s radio promos ran on Mid-Michigan Radio Group’s 92.1 and 92.9 from February through June. According to Mid-

Michigan Radio Group data these messages were heard by an estimated 2.054 million listeners - over 70,000 unique listeners a week!

GLACC’s radio spots included testimonials by GLACC members Meijer, Working Bugs, the City of Lansing (2 unique spots), and Lansing Board of Water & Light. A key goal of this radio campaign was to highlight

the efforts of GLACC members who have embraced clean vehicle and fuel use as a way to increase awareness of petroleum reduction activities.

GLACC is grateful to the Michigan Bureau of Energy Systems for its support of this campaign through a Clean Cities Cooperative Grant, as well as Mid-Michigan Radio Group for its support of this activity.

In Your Backyard

Nationally Recognized Alternative Vehicle Training Available at LCC

Lansing Community College (LCC) is one of the leading community colleges in the state, and the only one in the state to offer alternative fuel vehicle technician training through the National Alternative Fuels Training Consortium (NAFTC). In fact, LCC is one of the first colleges to offer an Associate’s Degree in Alternative Energy Technology. Specifically related to alternative fuels and vehicles, LCC offers a certificate in Advanced Vehicle Technologies.

LCC instructors also helped to create alternative energy curricula for colleges and universities across the country. Students of all ages can register now for LCC’s convenient and comprehensive Intro to Alternative Fuels online course.

LCC also holds events related to alternative fuels and advanced vehicles that are open to the public. Coming up this fall (date yet to be announced) LCC’s NAFTC program

will be holding a biodiesel fuel production workshop where attendees will learn how biobased diesel fuel is made. Every two years LCC hosts an alternative fuels Odyssey Day - part of a national effort to educate the public about alternatives to petroleum. Watch GLACC’s web site for more information about these and other events. More information about LCC’s NAFTC program is available at: <http://www.lcc.edu/tet/automotive/>.



MCT

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public & private fleets, and fuel providers making strides in clean transportation in Michigan. Nominations are open now for this year's award categories and event organizers encourage self-nomination.

This year does offer some changes to the event format. The 2009 MCT will bring back popular components of the 2008 event, while streamlining other elements for maximum benefit to exhibitors, sponsors, and attendees. Exciting

clean transportation projects for Michigan will be announced. The cutting edge clean transportation Tech Theatre will return with an improved format and presenters you won't want to miss. The cocktail hour offers excellent networking opportunities. An exciting, must-see keynote speaker will be featured during the awards gala dinner, to be announced soon.

The MCT Expo & Awards Gala will run from 4:00 PM to 9:00 PM on September 29 at the Rock

Financial Showplace in Novi, MI. This event is organized by Michigan's Clean Cities Coalitions, including NextEnergy's Detroit Area Clean Cities Coalition, Clean Energy Coalition's Ann Arbor Clean Cities Coalition, Greater Lansing Area Clean Cities, and West Michigan Clean Cities Coalition. Discounts are available for Clean Cities members. Learn more, register, and nominate at www.mct-expo.com.

GLACC Members

Platinum

City of Lansing

Gold

Corn Marketing Program of Michigan/
Michigan Corn Growers Association
Meijer Logistics

Silver

Dean Transportation

Bronze

Blodgett Oil
Consumers Energy
Cummins Bridgeway
Michigan Propane Association
Michigan State University
Working Bugs
Kuntzsch Business Services, Inc.
Michigan Consolidated Gas

Supporters

State of Michigan
CATA Clean Commute Options
Delhi Township
Delta Township
Meridian Township
Tri-County Regional Planning Commission
City of East Lansing
Lansing Board of Water and Light

Individuals

David Kuntzsch
Don Walcheski
Rachel Kuntzsch
Margaret Striz Calnin
Jim Pitts
Minh Tran
John Auld
Ray Lawrence

About Greater Lansing Area Clean Cities

Greater Lansing Area Clean Cities (GLACC) is a coalition of stakeholders working to achieve cleaner air and energy security in mid-Michigan through alternative fuel and vehicle usage, and fuel economy practices. Stakeholders include fleets, corporations, nonprofit organizations, utilities, local governments, and individuals – anyone interested in ways cleaner fuels, vehicles, and practices can improve our air quality and energy security.



Greater Lansing Area Clean Cities

300 N. Bridge Street
Grand Ledge, MI 48837 | 517.925.8649 | www.michigancleancities.org