December 2006

Rebuild Michigan

Partner News

Rebuild Michigan is designed to foster partnerships, which will promote increased energy efficiency and renewable energy use within communities. The program focuses on community-based energy planning to insure that local needs are met and that a sustained local effort is established.

Community partnerships develop comprehensive energy use strategies and organize a coalition to work towards fulfilling community energy goals.

The partnerships identify energy efficiency opportunities in commercial, institutional and multi-family buildings and encourage installation of improvements that will yield the highest energy and cost savings.

Michigan Department of Labor & Economic Growth
Energy Office

611 W. Ottawa
P.O. Box 30221
Lansing, MI 48909

Phone: 517-241-6228

Website:
www.michigan.gov/eorebuild

▶ Community Partnership Update ◀

CITY OF ECORSE formed a Community Build team in mid 2006 to assist in providing volunteers leadership in Ecorse's sustainable efforts. The team meets regularly to check on their progress and consists of engineers and city officials. After completing energy audits in early 2007 the city will plan another community outreach event.

REBUILD TRAVERSE CITY has added names to their list of coalition partners . They currently have 20 partners. To date they have had an average of over $6 million in annual energy costs savings. Traverse City has seen heating costs lowered by 12%, Net CO2 emission reduced by 29,000 tons per year and natural gas consumption reduced by 500,000 MMbtu per year because of these new projects.

REBUILD MICHIGAN STATE UNIVERSITY has 16 of their resident halls represented in the Partnership. MSU's new Chemistry Building which will open in 2007 will be the first ever LEED-certified building on campus. The upgrade of Snyder-Phillips hall, as well as the improvement of University Village apartments have had an energy efficiency focus . Michigan State University currently follows the ASHRAE Standard 90.1-2004 and they hope to improve those standards by 21%.

CITY OF MARSHALL was very pleased with the results from the recent DTE audits. The city is working to ascertain the potential for reactivating the city's small hydro facility and community presentations are being made relative to the new Partnership with Rebuild MI.

ESCANABA PUBLIC HOUSING COMMISSION has been focusing on reducing water consumption and has seen a decrease of 34% within the last year. To offset federal funds on the Public Housing Commissions, Escanaba PHC has focused on keeping their utility costs and rent low for clients to improve the motivation for energy efficiency.

NORTHEAST MICHIGAN COUNCIL OF GOVERNMENTS' coalition is focused on providing technical assistance to motels/hotels, which will increase their energy efficiency. NEMCOG is currently identifying stakeholders in their partnership and plan to conduct their first stakeholder meeting in the early 2007.

NORTHERN OPTIONS has moved into a new downtown location in the City of Marquette. Northern Options, the lead organization for Rebuild Upper MI, also has completed an Introductory Energy Evaluation for the local Children's Museum to identify potential energy cost savings.

►REBUILD MICHIGAN PARTNER UPDATE◄

Since January 2006 the Rebuild Michigan Program has enrolled forty-two new public agency partners. The table to the right lists the most recent program partners, square footage they have committed to energy improvements, and potential energy savings. The Rebuild MI team completed Introductory Energy Evaluations (IEE) for these clients identifying the areas where energy use can be reduced recommending a more detailed technical energy analysis if appropriate.

To view the complete list of new clients please go to www.michigan.gov/eorebuild and click on Rebuild MI Energy Services.

Since September, 2003, 190 school districts, local governments, and public housing authorities have joined the Rebuild Michigan program. Enrolled partners have pledged more than 134,000,000 square feet to energy efficiency projects.

Public building owners that are seeking help in reducing their energy use through cost effective improvements may contact Tim Shireman at (517) 241-6281 or tashire@michigan.gov.

Name	Square Feet	*Potential Annual Energy Savings (MMBTU)
Inland Lakes School District	199,000	3,980
Chippewa Valley School	828,025	16,560
Washtenaw County Road Commission	107,200	4,180
Clare-Gladwin RESD	48,000	960
Clare Public Schools	259,649	5,192
L'Anse Area Schools	163,100	3262
Ishpeming Area WWTP	34,168	1,332
Anchor Bay School District	1,243,797	24,875

* These numbers were calculated based on the US Department of Energy Data and may not reflect the actual annual energy savings achievable.

►MIDWEST REGIONAL BUILDING TECHNOLOGIES APPLICATION CENTER◄

The Midwest Regional Building Technologies Application Center is a project that was designed to "connect and empower the Midwestern states with information, education, and technical assistance to grow their Rebuild America program activities." The program's partners are State Energy Officials from the region including Wisconsin, Ohio, Minnesota, Missouri, Michigan, Iowa, Indiana, Illinois and the Midwest Energy Efficiency Alliance (MEEA). The nine members of the Advisory Committee are assisting the Midwest Application Center with the input to advance the operation and to assist in the future growth of the program to promote energy efficiency.

The Midwest Regional Building Technologies Application Center has established an E-line where local Rebuild Partners can request information or technical assistance in regards to energy efficiency. The Application Center will provide assistance, with the help of each state's Energy office, to both commercial and institutional buildings.

The project is planning a minimum of six webinars throughout 2007, each focusing on a different energy related topic. If you would like more information about the Midwest Regional Buildings Application Center's Program please visit their site at http://www.ecw.org/mwrebuild/index.php.

►ENERGY STAR BUILDING LABEL◄

Kenowa Hills Public Schools received ENERGY STAR® Building Labels for three additional buildings: Alpine Elementary, Fairview Elementary and the Intermediate School. The district received their first ENERGY STAR® Label in fall of 2005 and now has four highly energy efficient schools. Only three other districts in the state have earned this award; Wyandotte, Grandville and Belding. Kenowa Hills was the only school district in the state to receive the award in 2006.

"Kenowa Hills Public Schools has achieved a high standard of energy efficiency and this award recognizes them for their success" said Governor Granholm. "Kenowa Hills community members can be proud that their school district is investing their budget dollars wisely."

The ENERGY STAR® Building Label is an outstanding tool for schools, government buildings and businesses to measure energy performance, to improve their buildings and lower energy costs. It is only awarded to buildings that exhibit high-energy efficiency without sacrificing occupant safety and comfort. Labeled buildings receive national recognition and a bronze plaque from the U.S. Department of Energy (DOE) and the Environmental Protection Agency (EPA) to mount in the building's entrance.

Kenowa Hills Public Schools has been working with their staff, students, architects and local contractors to keep their buildings safe, comfortable and efficient. Continuous effort shows today that 50% of Kenowa Hills' K-12 school buildings are able to proudly display the ENERGY STAR® Building Label.

Information on ENERGY STAR® is also available at www.energystar.gov. Information on incentives and other Energy Office programs is available at www.michigan.gov/energyoffice. For additional information, contact Mike McCarty, Kenowa Hills Public Schools Building & Grounds Supervisor, at (616) 784-2620, or Brandy Minikey, Energy Office Engineer, at (517) 241-8235.

►FEATURED PUBLICATIONS◄

Better Buildings, Brighter Future

This publication discusses innovative building technologies and practices that can save builders energy and money.

http://www.eere.energy.gov/buildings/info/publications.html

Compact Fluorescent Light Manual

This publication discusses the benefits and opportunities for business and non-profit organizations to begin addressing energy efficiency with lighting. The article compares fluorescent with incandescent bulbs.

http://www.michigan.gov/eobnp

Energy Consumption Characteristics of Commercial Building HVAC System: Volume I, Primary Equipment

This guide provides information on HVAC systems for commercial buildings, the equipment types and improvements for energy efficiency.

http://www.eere.energy.gov/buildings/info/publications.html

Publications are available in the Rebuild America Publications Page at www.rebuild.gov or from above listed URL.

If you would like to receive the newsletter electronically please email Chelsea Pearson at pearsonc@michigan.gov

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611 West Ottawa Ave.
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►ENERGY EVENTS◄

Rebuild Technical Consultants Webcast

January 9 & 17, 2007
Lansing, MI

Contact: Tim Shireman
tashire@michigan.gov
www.michigan.gov/eoworkshops

Alternative Fuel Vehicles Seminar

February 1, 2007

Pierce Cedar Creek Institute
Hastings, MI

Contact: (269)- 721– 4190

International symposium: Climate Change in the Great Lakes Region: Decision Making Under Uncertainty

March 15-16, 2006
MSU, MI
www.ecofoot.msu.edu

5th Annual Renewable Energy Conference

March 17, 2007

Pierce Cedar Creek Institute
Hastings, MI

www.cedarcreekinstitute.org

Mid-Michigan Fleets E85 Workshop & Tour

March 20, 2007

Greater Lansing Area Clean Cities Coalition

Contact: Rachel Kuntzsch at
Rachel@kbsincorporated.com

Michigan Clean Feet Conference

March 22, 2007

Next Energy Center, Detroit

www.nextenergy.org
Contact: (313)- 833– 0100