June
2006

Rebuild Michigan

Partner News

Rebuild Michigan, part of the U.S. Dept. of Energy's Rebuild America program, 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.

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►Community Partnership Update◄

The Rebuild Michigan Program now has seven Community Partners; the newest is the **CITY OF ECORSE.** Mayor Salisbury's vision for the City is to be "the model of sustainability among Downriver communities." The newest Rebuild Community Partner has already taken steps toward increasing local energy and environmental awareness.

In their Community —
On Saturday, June 10th the city's Community Build Team presented the first ECO Fair for local schools, businesses and residents at the Stinson Center. Many educational activities were offered….a biodiesel vehicle demonstration, displays and presentations on water conservation, storm water protection, energy efficiency and renewable energy. The Ecorse Rowing Club offered rowing lessons to promote family recreational opportunities and support for a Greenways initiative.

In their Buildings —
The Rebuild Ecorse team has targeted City Hall, the Public Library, and Ecorse Public Schools for their first building energy efficiency assessments and, is seeking participation from multi-family housing developers .

For more information on the City of Ecorse energy plans, contact grant manager Deborah Hoffman at dhoffman62562@aol.com or (313) 294-3729.

During last quarter **REBUILD WASHTENAW COUNTY** confirmed that nine building owners will be conducting introductory energy evaluations on their facilities. Currently, the county is benchmarking five buildings that received energy efficiency upgrades during the first two years of Rebuild Washtenaw.

Ongoing plans include tracking energy usage and reporting savings for eighteen county buildings that were retrofitted, and maintaining the county website.

Rebuild Community Partner RFP Public and non-profit organizations may submit proposals for grants up to $24,900 to plan and implement a Rebuild program in their community. Proposals are due July 17, 2006. It is expected that five to six grants will be awarded. To request a copy of the RFP contact Tom Krupiarz, at (517) 241-6184 or takrupi@michigan.gov.

►Announcing Funding Opportunity◄

Rebuild Michigan is offering EnergySmart Schools incentives for next school year. These incentives are to assist Michigan K-12 public school districts with integrating energy education into their curriculum. Extra-curricular activities that compliment district-selected curriculum materials and training may also be proposed for funding assistance. Grant awards of up to $6,000 per district are available.

Interested school districts should plan one or more teacher training sessions with the National Energy Education Development Project during this summer/early fall.

Applications may be submitted anytime but must be received no later than 07/31/2006. For more information, please contact Tim Shireman at (517) 241-6281 or at tashire@michigan.gov.

More funding opportunities can be found on page 3.

▶ Rebuild Michgian Partner Update ◀

During the past quarter Rebuild Michigan enrolled ten new public agency partners. The table to the right lists the most recent partners to the program, the square footage they have committed to energy improvements, and potential energy savings. The Rebuild MI team completed thirteen Introductory Energy Evaluations for clients, which identified the areas in their facilities where energy use could be reduced and also, recommended the level of technical energy analyses indicated.

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

Since September, 2003, 213 school districts, local governments, and public housing authorities have participated in the Rebuild Michigan program. Enrolled partners have pledged a total of 133,931,157 square feet to energy efficiency projects, with estimated annual cost savings of $29,495,127 and estimated investment of $235,973,057.

Public building owners that are seeking assistance to reduce energy consumption through cost effective improvements may contact Tim Shireman at (517) 241-6281 or tashire@michigan.gov

Name	Square Feet	*Potential Annual Energy Savings (MMBTU)
Marcellus Community School District	182,555	3,651
City of Grandville	128,887	5,155
Chesaning Union Schools	363,440	7,269
Public Schools of Petoskey	457,291	9,146
North Adams - Jerome Public Schools	73,680	1,474
Grand Valley State University	511,574	25,579
Lenawee County	208,600	8,344
Anchor Bay School District	1,243,797	24,876
City of Monroe	273,169	10,927
Bangor Public Schools	146,546	2,931
Marquette County Road Commission	91,350	3,654
L' Anse Area Schools	163,100	3,262
Grant Public Schools	293,900	5,878
West Iron County Public Schools	211,000	4,220

* These numbers were calculated based on the Rebuild America website and may not reflect the actual annual energy savings achievable.

▶ New Grant Recipients ◀

Grand Valley State University

Grand Valley State University was awarded a $24,900 grant to improve energy efficiency in their new Keller Engineering Building Annex. Funds will be used for a commissioning agent to identify any deficiencies early in the design and construction process. As a result, building systems will be installed with significantly fewer defects and will operate more efficiently from the start, and will cost less to operate and maintain over time.

Grand haven Area Public Schools

Grand Haven Area Public Schools received an EnergySmart Schools grant for the 2006-2007 school year. The award of $5,998 will be used to purchase energy curriculum materials and to train teachers on how to incorporate energy efficiency into the district's eighth grade science curriculum. The grant will also provide students with the opportunity to visit the GVSU Michigan Alternative Renewable Energy Center in Muskegon.

►REBUILD WORKSHOP◄

Rebuild Michigan Advanced Energy Efficiency for Commercial Buildings

On May 03, 2006 Rebuild Michigan hosted a workshop for public institutions and energy consultants interested in advanced energy efficient technologies. Architects, engineers, facility and energy managers as well as school and local government officials were invited to attend. Presentations were given on lighting, geothermal, commissioning, and project implementation strategies.

The workshop drew ninety-two attendees. Comments from attendees indicated that the workshop content was very useful. One attendee responded saying, "the workshop covered areas that I've heard about, but didn't have much knowledge of," another thought the workshop presented a good mix between topics and included information everyone could use in one way or another. The workshop received an average 4.2 rating on a scale of 1-5, where 5 was "Excellent".

To access presentation materials including PowerPoint presentations from this and past technical workshops please visit www.michigan.gov/eoworkshops.

If you are interested in learning about upcoming energy efficiency events in Michigan, you can view a list at www.michigan.gov/energyoffice; click on Calendar Of Events on the left side of the page.

To be added to our mailing list to learn about future Rebuild Michigan workshop opportunities, please contact Megan Ingersoll at ingersollm@michigan.gov or by phone (517) 373-0444.

►FUNDING AVAILABLE◄

Rebuild Michigan Energy Efficiency Workshop Funding Available

Rebuild Michigan is offering funding support for regional workshops and events that advance agency and facility manager awareness about energy efficiency opportunities in public buildings.

All workshops/events must take place in Michigan and occur by September 1, 2006. The workshop or event focus must be on energy efficient technologies, commercial building designs or retrofits which could be implemented in public buildings.

Any public or not for profit organization is eligible to submit a funding request. To be considered, an application must be submitted at least 30 days prior to the planned event and include information requested in the Rebuild Michigan Energy Services Workshop & Event Financial Assistance guidelines.

Workshop/event funding will be awarded on a first come first serve basis until September 1, 2006 or until all funds are distributed. The maximum award is $2500 per workshop.

More information on workshop funding can be found at www.michigan.gov/energyoffice under the Energy Office News and Information section or by contacting Tom Krupiarz at takrupi@michigan.gov or by phone at (517) 241-6184.

►REBUILD MICHIGAN CONSULTANTS LIST AND MATRIX◄

The 2006 Consultants List has been expanded with more energy firms and service information. All consulting firms listed have attended the annual program update workshop. Also, all agreed to follow the Technical Energy Analysis Guidelines while working with Rebuild Michigan customers.

Fifty-seven energy consulting firms are participating in this year's program. Each firm was surveyed on thirty-seven features within five categories of services that could be offered to public building owners. The survey results have been displayed in a matrix and are included with the consultants list to assist customers with consultant selection.

To obtain a copy of the Rebuild Michigan consultants list please visit www.michigan.gov/eormes under Additional Information select "2006 Consultants List" or contact Tim Shireman at tashire@michgian.gov or (517) 241-6281.

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If you would like to receive the newsletter electronically please e-mail Megan Ingersoll at ingersollm@michigan.gov

► Energy Events ◄

Michigan Build!
Energy Star Homes Workshop
July 6th, 2006
Marriot Courtyard
Utica, MI

Contact:
www.michiganbuild.org

Energy 2006
August 6-9, 2006

Workshop for Federal Energy Management Professionals
Chicago, IL

Contact:
www.energy2006.ee.doe.gov

NextEnergy Conference
October 24-25, 2006

Ford Conference Center
Dearborn, MI

Contact:
www.nextenergy.org

Solar Energy in the Classroom
October 14th, 2006

Pierce Cedar Creek Institute
Hastings, MI

Contact:
www.cedarcreekinstitute.org

☆ Fast Facts ☆

The average American consumes six times more energy than the world average. With less than five percent of the world's population, we consume about one fourth of the worlds energy resources.

According to the DOE, modest increases in energy efficiency, including insulation, would eliminate the need for 600 new power plants.

Fast Facts About Energy Efficiency can be found at www.eia.doe.gov/