

February, 2004

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 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 PARTNERSHIPS

There are currently five Rebuild Michigan community partnerships: Washtenaw County, Michigan State University, Delta County, Greater Lansing Schools, and Traverse City.

Washtenaw County joined the program in February 2002. With assistance from the MI Energy Office they have completed introductory energy audits for a restaurant, brewery, and church. Rebuild Washtenaw is also working towards a performance contract for energy efficiency measures in 14 county buildings.

Michigan State University became a Rebuild MI partner in September 2002. The university is focusing on promoting energy efficiency in their residence halls, which house approximately 15,000 students. They will also be launching an energy education campaign targeted on the conservation of energy use in the residence halls this year.

M-TEC at Bay de Noc College is the partnership lead for Rebuild Delta County, which joined the program in March 2003. M-TEC has facilitated the implementation of energy efficiency measures in three K-12 schools, an Arts Center, office building, and a county building. They will also be launching an "Energy in the Classroom" program

to educate students about the environmental impact of energy generation and use, and the importance of energy efficiency.

Great Lakes Renewable Energy Association (GLREA) became the partnership lead for Rebuild Greater Lansing Schools in March 2003. GLREA is partnering with General Motors Corporation, DTE Energy, Lansing Board of Water & Light and Urban Options to provide technical energy assessments, energy-related curriculum, and renewable energy demonstrations to public and private schools in the Greater Lansing area.

Traverse City Light and Power (TCLP), joined Rebuild Michigan in April 2003 as the partnership lead for Rebuild Traverse City. TCLP is focusing their efforts on energy efficiency opportunities in public, commercial, and multi-family buildings. They will also incorporate efficiency measures and renewable energy generation in the redevelopment of the Traverse City State Hospital (now called "The Village at Grand Traverse Commons"). The Village will be a mixed-use development with commercial and multifamily residential options. Approximately 24 buildings totaling 750,000 square feet are targeted for energy efficient retrofits.

REBUILD MICHIGAN ENERGY SERVICES

During 2003 the MI Energy Office-School and Local Government Energy Services became a part of the Rebuild MI program. The new *Rebuild Michigan Energy Services* (RMES), will provide technical services to schools, local governments, colleges, universities and public housing authorities (multifamily buildings). These services include an introductory facility energy analysis, which consists of an utility bill analysis, building

benchmarking, recommendations for operational and maintenance improvements, and suggested energy efficiency upgrades. When a client is ready to proceed with a project RMES will provide a list of pre-qualified consultants to conduct a complete technical energy analysis. Rebuild MI will also track the success of a project by monitoring utility bills and troubleshooting discrepancies in energy savings after the installation of

measures.

RMES clients have access to all Rebuild MI and Rebuild America services including review of solicitations for selecting energy services companies, building design review, and free publications.

The integration of RMES into the Rebuild program is providing Energy Office customers an expanded menu of services and opportunities.

NATIONAL PARTNER PROFILES

National Energy Education Development (NEED)

Strategic Partner

NEED is a nonprofit association dedicated to developing and distributing comprehensive, hands-on energy education programs to schools nationwide. The NEED program includes teacher-approved educational materials, evaluation techniques and tools, and professional development for educators. NEED materials and training programs provide objective information about the scientific concepts of energy and the sources of energy—their use and their impact on the environment, economy and society. There are also activities and tools to help educators, energy managers and all occupants use energy more wisely at schools, saving valuable school funds. Teachers and students across Michigan have received training provided by NEED Lead Teachers. The Michigan NEED Project has 150 participating educators this year. For more information on NEED training in Michigan contact Keith Etheridge at: keith.etheridge@comcast.net

National Association of Housing & Redevelopment Officials (NAHRO)

Strategic Partner

The National Association of Housing and Redevelopment Officials is a professional membership organization comprised of housing and community development agencies and officials throughout the United States who administer affordable housing and community development programs at the local level. NAHRO's mission is to create affordable housing and safe, viable communities that ensure the quality of life for all Americans, especially those of low and moderate income. Specific goals include: Ensuring that housing and community development professionals have the skills, information and tools needed to serve communities; Advocating for laws and policies which are responsive to the needs of people served; and Fostering the highest standards of ethical behavior, service and accountability.

State chapter contacts are listed at:
www.nahro.org/regions/ncrc.cfm

Visit Rebuild America's website at www.rebuild.org for additional partner information and profile updates

REBUILD AMERICA FEATURE

[The Rebuild America Solution Center Online](#)

The Rebuild America Solution Center provides information on how to successfully plan and complete building energy projects. The Center is a collection of information and tools that can be found in the federal government, buildings industry and beyond. This Center has been designed to provide information to a wide range of Rebuild partners, no matter the technical focus. A tech-meter on the Solution Center's resource description page helps users identify information geared to their desired technical level. Project information is organized into the following categories: Project Planning, No/Low Cost Improvement, Energy Efficiency Retrofit, Major Renovation, New Construction, and Community Energy.

See the Solution Center Services that Rebuild America can provide such as pre-project planning, contracting and financing information. Check out the project assistance spotlights where partnerships have used Rebuild America to complete energy efficiency projects. Use the Project Planning Tools to find online calculators to move your project planning forward.

Visit the Solution Center on Rebuild America's website at www.rebuild.org.

► FEATURED PUBLICATIONS ◀

Travel and Environmental Implications of School Siting

Released Oct. 8, 2003 by the U.S. Environmental Protection Agency, this publication examines the relationship between school locations, the environment around schools, how kids get to school and the impact on air emissions from those choices. Recommended reading for all communities committed to meeting environmental goals regarding construction and renovation decision making.

2003 School Construction Report

Based on School Construction Alert surveys, this report provides estimates on construction completed in 2002, construction projected to be completed in 2003 and projects identified as starting in 2003. It reports that more school construction was put in place in the U.S. in 2002 than in any other year in history. Altogether, projects estimated to have cost \$21.6 billion were completed in 2002.

The Energy Smart Guide to Campus Cost Savings

Rebuild America created this document to help college and university managers sort through the opportunities and possibilities for saving energy and money on their campuses. Each chapter of the *Energy Smart Guide* provides guidance on implementing projects that can substantially save energy and money. The information is taken from successful projects around the country and contains case studies at the end of each section.

Publications are available in the Rebuild America Solution Center

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ENERGY EVENTS

**17th Annual Campus
Energy Conference.
Shaping the Future.
February 11-13, 2004
San Diego, CA**

For more information call:
508-366-9339

**2004 DTE Energy
Conference and Exhibition
February 18, 2004
Livonia, MI**

For more information e-mail
Energypartnership@dteenergy.com

**Nuts & Bolts-Do's & Don'ts
of Successful Green Building
February 24, 2004
Philadelphia, PA**

Contact: Resource Dynamics
215-428-9655

**Sustainable Lighting
Workshop
March 19, 2004
Eastern MI University
Ypsilanti, MI**

Contact: Sandy Santoro
810-231-8723
ssantoro@chartermi.net

**Michigan High Performance
School Workshop
April 13, 2004
Lansing, MI**

Contact: Chelsea Hasenburg
517-373-1950
cmhasen@michigan.gov

**Energy Smart America
2004 – Tools and Solutions
for States and Communities
May 11-14
Minneapolis, MN**

For more information go to
www.energysmartamerica.org