

## Press Release

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### ***City of Rochester Fire Station Installs Solar Roofing System***

#### ***DELEG's Bureau of Energy Systems Encourages Local Governments to Adopt Similar Renewable Energy Solutions Made Affordable through Michigan Manufacturers***

**December, 2010.** The City of Rochester's firehouse will be the first in Michigan to install a next generation solar roofing system thanks to a grant from the Michigan Department of Energy, Labor & Economic Growth (DELEG) and DTE SolarCurrents program, city and state officials announced today.

A 9200 Watt integrated solar photovoltaic roofing system will be installed at Fire Station #1 located at 227 East Second Street in Rochester. DELEG, under the State Energy Program, provided a Clean Energy Advanced Manufacturing grant in the amount of \$500,000 and a \$200,000 loan to project supplier LUMA Resources LLC located in Rochester Hills to develop and manufacture its unique solar product for this and similar projects nationwide. Funds were provided through the American Recovery and Reinvestment Act (Recovery Act) of 2009. The DTE SolarCurrents program will fund more than 50 percent or \$22,080 toward the total cost of the system.

"This is a great example of a Michigan manufacturer retooling for the green economy," said DELEG Acting Director Andrew S. Levin. "LUMA is producing a next generation of a renewable energy system through solar technology and is creating jobs and building on the strength of our world-class manufacturing capability."

LUMA Resources, LCC, a manufacturer of photovoltaic solar products, was one of five small manufacturing firms in Michigan awarded Recovery Act funds in December 2009 to help them diversify into advanced manufacturing of renewable energy systems and components. The goal of the Clean Energy Advanced Manufacturing initiative is to build new markets for Michigan manufacturers and create anchor companies that will attract other clean energy businesses to Michigan.

The Rochester City Council approved its firehouse solar roofing project as part of its 2010-2011 budget based on the City's projection of a payback period of less than six years on the initial investment and expected savings of more than \$150,000 in energy costs during the useful life of the solar roof.

“The City of Rochester is looking forward to reducing our energy costs through renewable energy that will provide a strong return on our investment,” said Rochester Mayor Jeffrey Cuthbertson. “We’re excited to have the first firehouse in the state with this new and unique solar panel application and that it will be provided through a local, Michigan manufacturer.”

LUMA’s new solar roof system design seamlessly integrates current photovoltaic products into standard roofing materials that can easily be installed, enabling contractors to enter the solar market with a product that adds value, reduces costs, and solves many of the challenges they currently face when installing a typical solar system.

DELEG’s Rebuild Michigan program conducted the energy audit of all of the City of Rochester’s municipal buildings and provided the City with short- and long-term solutions for improving its energy efficiency to help reduce energy costs. Through a competitive bid process, the City of Rochester awarded the contract to New Energy Solutions, LLC of Milford, MI for installation.

For more information about DELEG, please visit [www.michigan.gov/deleg](http://www.michigan.gov/deleg).

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