

Press Release

FOR IMMEDIATE RELEASE

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DATE: April 27, 2005

HEADLINE:**EMTEC FUNDS TECHNOLOGY IN OHIO COMPANIES FOR THE HYDROGEN ECONOMY**

The Edison Materials Technology Center (EMTEC) of Dayton, Ohio, announced today that they have awarded a contract through their Hydrogen Infrastructure Program to Midwest Optoelectronics, LLC of Toledo, Ohio. The funds are to develop improved materials technologies in support of the hydrogen economy. These competitive awards result from EMTEC's solicitation for proposals addressing needs in hydrogen generation, storage, or processing preferably using fuel cell crosscutting materials technology. U.S. owned companies and/or teams of companies with other institutions were encouraged to submit proposals for product development with near term commercialization potential.

Midwest Optoelectronics, LLC (MWOE) received total program award value of \$674,875 to develop a new small scale manufacturing process for its integrated photovoltaic electrolysis (IPE) panel. This cost effective technology produces hydrogen from water using sunlight. The IPE panels are based on recently developed patent pending technologies at MWOE and its academic partner, the University of Toledo; other collaborators include Energy Photovoltaic, Inc, and National Renewable Energy Laboratory.

EMTEC created the U.S. Department of Energy funded Hydrogen Program to commercialize technologies developed or aligned with hydrogen production, storage, and/or processing. The goal of the program is to foster early commercialization of simplified, better performing, innovative, and/or cost-effective hydrogen technology in the United States. EMTEC's Hydrogen Program sponsors development projects to emphasize near-term commercialization and economic development. Their Fuel Cell Technology Group nurtures and promotes the connection between fuel cell and hydrogen technology and Ohio's manufacturing sector to facilitate technological economic development. Toward this end, one of the goals of this project is near term job creation in Ohio.

The Edison Materials Technology Center (EMTEC) in Dayton, OH, is a non-profit, member-based organization serving Ohio and is committed to the mission of "...accelerating materials technology to the market..." With over 18 years experience in applied research management, commercial successes, startups, and spin-offs, EMTEC focuses on commercialization assistance for potentially high growth materials technology. EMTEC provides technical coordination and commercialization assistance to Ohio's industry, universities, and government labs that strengthen Ohio's industrial competitiveness in automotive, tooling and machining, metal casting, polymer, biomaterials, and alternative energy markets.

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