



**City of Rochester Hills
AGENDA SUMMARY
NON-FINANCIAL ITEMS**

**1000 Rochester Hills Dr.
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Legislative File No: 2005-0289

TO: Mayor and City Council Members

FROM: Ed Anzek, Director of Planning and Development, ext. 2572

DATE: April 11, 2005

SUBJECT: Support for Energy Conversion Device Appropriation Request for Metal Hydride Fuel Cells and Solid Hydrogen Storage Systems

REQUEST: Issue Council resolution in support of a federal military project related to fuel cell and hydrogen storage technologies. The project is proposed by Energy Conversion Devices, Inc. (ECD) and supported by the U.S. Army's Tank-automotive Armaments Command (TACOM).

BACKGROUND: ECD has been working closely with TACOM to develop advanced energy technologies for military applications, particularly in the area of the so-called "21st Century Base" and the prospect of a transition to a hydrogen-based stationary energy and transportation fuel infrastructure. ECD has unique technologies in the areas of metal hydride fuel cells and solid hydrogen storage systems. The proposed project, to be funded through a line item in the Fiscal Year 2006 Department of Defense appropriations bill, would provide \$5 million to demonstrate the capability of the metal hydride fuel cell, as well as the efficiency and safety advantages of solid hydrogen storage. Additional information is contained in Attachment A.

U.S. Senator Debbie Stabenow has agreed to help sponsor the project during Senate consideration of the Fiscal Year 2006 Defense appropriations.

RECOMMENDATION: Adopt resolution and forward copies to appropriate members of the Michigan Congressional delegation.

RESOLUTION

NEXT AGENDA ITEM

RETURN TO AGENDA

APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director		
Mayor		
City Council Liaison		

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