

## **NEWSRELEASE**

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### **TELEDYNE DELIVERS 5 KILOWATT PEM FUEL CELL BREADBOARD TO NASA**

LOS ANGELES - April 1, 2003 - Teledyne Technologies Incorporated (NYSE:TDY) today announced that Teledyne Energy Systems, Inc. delivered a 5 kilowatt breadboard proton exchange membrane (PEM) fuel cell power system to NASA. The delivery was made as part of Teledyne Energy Systems multi-year contract with NASA's Glenn Research Center to develop an advanced PEM fuel cell power plant for NASA's Next Generation Launch Technology (NGLT) Program.

The 5 kilowatt fuel cell breadboard includes all components and control systems to allow safe, unattended operation. The unit delivered by Teledyne Energy Systems met or exceeded all current program design requirements including weight, volume, efficiency, and total power. In addition, Teledyne's unit demonstrated the ability to deliver substantial peak power beyond its nominal 5 kilowatt rating. Such additional power will provide NASA with substantial flexibility as it designs new launch vehicles.

"The delivery of this unit to NASA within specifications and on-time demonstrates the strength of Teledyne Energy Systems' history in electrochemistry, space power systems and high quality production," said Robert Mehrabian, chairman, president and chief executive officer of Teledyne Technologies Incorporated. "We look forward to the next phase of this program and demonstrating a full scale power system."

PEM fuel cells convert the energy available in hydrogen and oxygen to electricity and water. Under development by Teledyne for a wide array of commercial applications, PEM fuel cells offer several advantages over the alkaline fuel cells currently used for spaceflight, such as the potential for lower cost; a simpler design, and greater operational flexibility created by their wide power band.

The breadboard unit will be tested at NASA's Johnson Space Center facility. Testing will include validation of the base performance and analysis of the full capabilities of the system under various simulated flight profiles.

Teledyne Technologies Incorporated is a leading provider of sophisticated electronic components, instruments and communications products, systems engineering solutions, aerospace engines and components and on-site gas and power generation systems. Teledyne Technologies has operations in the United States, the United Kingdom and Mexico. More information about Teledyne Technologies may be found on the Company's Web site at [www.teledynees.com](http://www.teledynees.com).