



ECD Ovonic Chairman & CEO and ECD Ovonic President, CTO & Co-Founder to Close The NASDAQ Stock Market on March 30

Event marks ECD Ovonic's 20-year anniversary on NASDAQ

Rochester Hills, Mich., March 23, 2005 - Energy Conversion Devices, Inc. (ECD Ovonic) (NASDAQ:ENER) will celebrate 20 years on The NASDAQ Stock Market by presiding over the closing ceremony on Wednesday, March 30, at 4:00 p.m. EST. Robert C. Stempel, Chairman and CEO, and Stanford R. Ovshinsky, President, CTO and co-founder, will ring the bell to close the market in New York.

In a joint statement, Bob Stempel and Stan Ovshinsky said, "NASDAQ is a world-class stock market. Our listing on NASDAQ has played an important role in the growth of our company and our leadership in the critical fields of energy and information. We are pleased to celebrate our 20 years as a listed company on the NASDAQ market."

Some of our significant events over the last 20 years include:

- May 1984 - Dedication of 1MW continuous roll-to-roll photovoltaic (solar) manufacturing plant in Troy, Michigan
- May 1992 - United States Advanced Battery Consortium awards ECD first contract to develop Ovonic NiMH batteries for electric vehicles
- May 1995 - Ovonic NiMH batteries power electric vehicle to record 238 miles in 1995 American Tour de Sol race
- May 1996 - Four-passenger car with Ovonic NiMH batteries wins Tour de Sol race; 373 miles on a single charge
- February 1996 - United Solar Ovonic, our wholly owned subsidiary, unveils the 5MW plant, the most advanced production line for the manufacture of thin-film photovoltaic products, in Troy, Michigan
- November 1998 - United Solar Ovonic's ultralight photovoltaic modules installed on the MIR space station; orbited around the earth for 19 months (253 million miles) providing valuable data
- February 2000 - Intel Capital invests in Ovonyx, Inc., ECD's joint venture with Tyler Lowrey to further develop and commercialize the Ovonic Unified Memory (OUM)
- June 2002 - United Solar Ovonic inaugurates its 8th generation thin-film solar cell manufacturing machine, the world's largest, in Auburn Hills, Michigan
- November 2003 - Cobasys LLC, the 50-50 Ovonic NiMH battery manufacturing joint venture between ECD and ChevronTexaco Corp., commissions its 170,000 sq. ft. state-of-the-art manufacturing facility in Springboro, Ohio; receives QS 9000 and ISO 14000 certification
- December 2004 - ECD expands the scope of Ovonic NiMH battery licenses granted to Cobasys, positioning it as a global provider of batteries for transportation, stationary power and military markets

The ceremony will begin at 3:45 p.m. with remarks from Stempel and Ovshinsky just prior to the official market closing at 4:00 p.m. Viewers can access the Closing Bell on NASDAQ web cam at http://www.nasdaq.com/reference/marketsite_about.stm.

About ECD Ovonic:

ECD Ovonic is the leader in the synthesis of new materials and the development of advanced production technology and innovative products. It has invented, pioneered and developed its proprietary, enabling technologies in the fields of energy and information leading to new products and production processes based on amorphous, disordered and related materials. ECD Ovonic's proprietary advanced information technologies include Ovonic phase-change electrical memory, Ovonic phase-change optical memory and the Ovonic Threshold Switch. The Company's portfolio of alternative energy solutions includes Ovonic thin-film continuous-web amorphous solar cells, modules, panels and systems for generating solar electric power; Ovonic NiMH batteries; Ovonic hydride storage materials capable of storing hydrogen in the solid state for use as a feedstock for fuel cells or internal combustion engines or as an enhancement or replacement for any type of hydrocarbon fuel; and Ovonic fuel cell technology. ECD Ovonic designs and builds manufacturing machinery that incorporates its proprietary production processes, maintains ongoing research and development programs to continually improve its products and develops new applications for its technologies. ECD Ovonic holds the basic patents in its fields. More information on ECD Ovonic is available on <http://www.ovonic.com>.

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This release may contain forward-looking statements within the meaning of the Safe Harbor Provisions of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements are based on assumptions which ECD, as of the date of this

release, believes to be reasonable and appropriate. ECD cautions, however, that the actual facts and conditions that may exist in the future could vary materially from the assumed facts and conditions upon which such forward-looking statements are based.

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