

UNITED SOLAR OVONIC receives \$15 million order from BIOHAUS

Order to expand sales of UNI-SOLAR® products in Germany

AUBURN HILLS, Mich., Dec. 20, 2006 — UNITED SOLAR OVONIC, a wholly owned subsidiary of Energy Conversion Devices, Inc. (ECD) (NASDAQ: ENER), announced today that it has received a \$15 million order from BIOHAUS PV Handels GmbH (BIOHAUS) for the delivery of UNI-SOLAR® photovoltaic (PV) products in 2007.

BIOHAUS, a well-known PV distributor and system integrator located in Paderborn, Germany, has successfully commissioned many installations using PV laminates manufactured by UNITED SOLAR OVONIC. As one of the photovoltaic pioneers, BIOHAUS not only distributes standard systems, but it also uses its knowledge and longstanding expertise to enter into the manufacturing and development of solar modules. Under the brandname BIOSOL, BIOHAUS markets its own solar power systems and since 2001 has been the market leader in the in-roof sector.

"Our continuous cooperation with BIOHAUS follows our overall strategic plan to expand our presence in Germany as well as in other European markets," said Salama Naguib, Vice President, Global Sales & Marketing.

"We have chosen UNI-SOLAR® laminates as this product offers the ideal solution for building integration. Unlike traditional crystalline technology, which typically uses heavy, glass panels, UNI-SOLAR® products are flexible, durable, lightweight, and easy to install. Additionally, independent studies in Europe and elsewhere have shown that UNI-SOLAR® triple-junction products deliver more energy per rated power than the conventional crystalline products," said Manuela Schaefer, BIOHAUS spokeswoman.

UNITED SOLAR OVONIC currently has 28 MW of annual production capacity at its Auburn Hills 1 location. The company's new 30 MW Auburn Hills 2 facility, which is a duplicate of its Auburn Hills 1 facility, began commercial production in December 2006. UNITED SOLAR OVONIC's expansion plan increases its manufacturing capacity to 118 MW, 178 MW and over 300 MW per annum by the end of calendar years 2007, 2008 and 2010, respectively.

About UNITED SOLAR OVONIC

UNITED SOLAR OVONIC, building on technology invented and pioneered by ECD, is the world leader in thin-film amorphous photovoltaics. Because of characteristics unique to the UNITED SOLAR OVONIC solar cell technology, such as lightweight, ruggedness and flexibility, it is ideal as building-integrated photovoltaic roofing systems for residential and industrial customers. ECD and UNITED SOLAR OVONIC hold the basic patents covering the continuous roll-to-roll manufacturing of thin-film amorphous-silicon alloy multi-junction solar cells and related products. More information is available at www.uni-solar.com.

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About BIOHAUS

As a wholesaler for photovoltaic systems, BIOHAUS PV Handels GmbH markets these systems with the help of a network of partners all over Germany and Europe. BIOHAUS puts a special emphasis on the field of BIPV, the aesthetically pleasing integration of solar power systems into building surfaces.

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