United Solar Ovonic Showcases *UNI-SOLAR*® PV Laminates During the 59th Annual Emmy® Awards

FOX TV Commits to Going GREEN

Auburn Hills, Mich., Sept 17, 2007 – United Solar Ovonic, a wholly owned subsidiary of Energy Conversion Devices, Inc. (Nasdaq: ENER), showcased its lightweight, flexible thin-film *UNI-SOLAR*® laminates during this year's 59th Annual Primetime Emmy® Awards telecast which aired live on Fox Television, Sunday, September 16, 2007.

UNI-SOLAR PV laminates were installed on 2,700 sq. ft. of slate blue standing seam metal roofing manufactured by Englert, Inc. to form a sun canopy. Several hundred attendees, who won a lottery for a seat in the bleachers, were able to view their favorite TV celebrities walking the red carpet while shielded from the sun. The solar system was grid-tied into the Los Angeles Department of Water and Power utility grid and generated enough electricity to power 3 – 4 California homes.

"Our solar laminates represent the state of the art in solar technology, and we are delighted that our product aligns with FOX and the Emmy Awards' GREEN commitment to be energy-efficient and environmentally-friendly," said Subhendu Guha, president and chief operating officer of United Solar Ovonic.

Performance data of the 12.5 kW solar array was displayed on a data acquisition system that offered real-time monitoring of the power output along with three utility interactive inverters by PV Powered. Advanced Green Technologies, Inc. provided engineering and integration assistance for the standing seam metal roof, supplied and installed by Englert, Inc. E-Village Solar, a California solar system design and installation firm, provided PV system disconnects, wiring and installation assistance.

The sun canopy will be transferred to the CHIME Charter Middle School, located in Chatsworth, California. The Solar System will be deconstructed at the Shrine Auditorium and reconstructed at the school at a later date.

Because photovoltaic converts sunlight directly into electrical power, this technology offers important advantages compared to other renewable energies, such as silent operation, no moving parts, zero emission, no storage of

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hazardous fuels, long lifetime, low maintenance, no operating costs and unattended operation. Companies in the Fortune 500 have stepped up to becoming more GREEN and *UNI-SOLAR* laminates are a popular choice.

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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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. The risk factors identified in the ECD filings with the Securities and Exchange Commission, including the company's most recent Annual Report on Form 10-K, could impact any forward-looking statements contained in this release.

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