



United Solar Ovonic's President, Subhendu Guha, Wins the 2005 World Technology Award for Energy

Award honors individuals deemed by their peers to be the most innovative in the science and technology world

Auburn Hills, Mich., Nov. 21, 2005 - United Solar Ovonic LLC, a wholly owned subsidiary of Energy Conversion Devices, Inc. ([ECD Ovonic](#)) (NASDAQ: ENER), today announced that Subhendu Guha, president of United Solar Ovonic, has won this year's *World Technology Award in Energy* for his innovative work on the science and technology of thin-film amorphous and nanocrystalline silicon materials and solar cells.

The winners of the awards were announced in San Francisco at the World Technology Awards gala ceremony held at San Francisco City Hall - the conclusion of the two-day World Technology Summit (for further information, see www.wtn.net). The Awards, which were instituted in 2000, are sponsored by a range of organizations including the American Association for the Advancement of Science, TIME Magazine, CNN, Microsoft and Fortune Magazine. They honor individuals and corporations from 20 technology-related sectors who are selected by their peers as innovators who perform work of the greatest likely long-term significance. Award categories include biotechnology, space, energy, environment, education and policy. Previous award winners in different categories include Craig Venter, the leader of the private project to sequence the Human Genome, Tim Berners-Lee, whose work was central to the creation of the World Wide Web, and Linus Torvalds, the creator of the Linux computer operating system.

"I'm honored to receive the award. It is personally gratifying, but I particularly appreciate the collaboration of my colleagues to carry out cutting-edge research to develop products that have great societal values," said Dr. Guha.

James P. Clark, founder and chairman of the World Technology Network, added: "The World Technology Awards program was created to recognize truly extraordinary innovation on a global scale, the sort of work that could be described as creating our collective future and changing our world. Dr. Guha's contribution to the field of photovoltaic energy has been outstanding, and the award is just acknowledgment of that fact."

Stanford R. Ovshinsky, chairman and CEO of United Solar Ovonic and president, chief scientist and technologist of ECD Ovonic, the primary inventor of the Ovonic photovoltaic technology, congratulated Subhendu Guha for his important contributions and for winning this prestigious award.

About United Solar Ovonic:

United Solar Ovonic has built on technology invented and pioneered by Stanford R. Ovshinsky, president and chief scientist and technologist of ECD Ovonic, the world leader in thin-film amorphous photovoltaics. Its existing 25-megawatt production equipment is the world's largest and most advanced machine for the manufacture of thin-film amorphous silicon alloy solar cells and related products used for a variety of applications ranging from large solar farms for utility-scale applications to charging batteries for solar lanterns. *UNI-SOLAR(R)* solar cells are lightweight, rugged and flexible, and are ideal as building-integrated photovoltaic roofing systems for residential and industrial customers. ECD Ovonic 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 on United Solar Ovonic can be found at www.uni-solar.com.

About ECD Ovonic:

ECD Ovonic is the leader in the synthesis of new materials and the development of advanced production technology and innovative products. Stanford R. Ovshinsky, president and chief scientist and technologist of ECD Ovonic, invented, pioneered and developed its proprietary enabling technologies in energy and information leading to new products and production processes based on amorphous, disordered and related materials, a field he founded. ECD Ovonic's portfolio of alternative energy solutions includes Ovonic thin-film photovoltaics, nickel metal hydride batteries and solid hydrogen products; its proprietary advanced information technology includes Ovonic phase-change electrical and optical memories and the Ovonic Threshold Switch. 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 www.ovonic.com.

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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