PRESS RELEASE

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Energy Independent Buildings Major Focus at IEEE 'Green' Technologies Conference for 2010

Dramatic advances in renewable energy and power conservation in buildings attracting intense interest at electrical engineers conference sponsored by Oncor.

Dallas, March 5, 2010. Buildings with greatly reduced demand on the power grid will be one of the key areas of interest when the Institute of Electrical and Electronics Engineers (IEEE) hosts their Green Technologies Conference in April.

Whole tracks at the conference are devoted to remarkable new building concepts with topic areas that include: *Energy generation and storage technologies; Green Architectures and Sustainable Design; Energy resource utilization and water conservation; Legal, Social, Economic and Environmental Impacts.*

Important presentations from around the world have been peer-reviewed by IEEE and will be presented in the various tracks chaired by experts such as Michael Magelakis from the Australian organization SSMI Group; Will Lumpkins, IEEE Consumer Electronics Society Standards Chair; Dr. Rasool Kenarangui, now senior electrical engineering advisor at the University of Texas Arlington; Dr. Samir Iqbal, assistant professor in nanotechnology and engineering at UTA; Joshua Dillier, design electrical engineer of Oncor Electric Delivery; Jeff Deitzman, registered professional engineer with SEI Texas; Dr. Joe Meppelink, architectural design and digital fabrication Director at the University of Houston; Dr. Valerian Miranda**,** Director CRS Center for Leadership and Management in Design and Construction at Texas A&M University. Dr. Miranda was recently featured on the *ScienceNews Radio Network* where he spoke about his track at the conference, http://www.promiseoftomorrow.biz/bizradio/102509/102509.htm

The IEEE Green Technologies Conference will be held at the opulent Gaylord Texan Resort & Convention Center in Grapevine, Texas, *April 15 – 16, 2010,* those wishing to attend can register at http://www.ieeegreentech.org/

"There has never been a better time for the IEEE together with the university research community, architectural, engineering, and other technical professionals to weigh in on environmentally friendly alternatives and improvements to our traditional energy economy" said Ed Safford, Technical Program Chairman of the event. "Wind farms are driving additional grid infrastructure. Photovoltaic technologies are approaching cost competitiveness. Sustainable Design is providing effective alternatives for energy efficiency, and *Green Building* certifications are becoming business discriminators. The IEEE Green Technologies Conference will provide a forum for engineers, professors, architects, technicians, and practitioners to consider all aspects of Green Technologies and their application."

This is an international conference. Those registering to attend are students, professors, engineers, technologists, enthusiasts from the power industry, building industries, conservation camps, lawmakers, and opinion leaders in technology and policy. This conference is coupled with an IEEE Region 5 business meeting and university Student Competitions event. Big and small name companies are represented: Lockheed Martin, Boeing, Oncor, Rockwell-Collins, Optisense Networks, and others.

Those attending can expect to see:

Alternative energy sources for home, business, community
Energy and resource usage, conservation, and efficiency
Innovative Architecture and other Sustainable Designs
Alternative energy choices and effects in product development
Green requirements, specifications, and emerging standards
Environmental, economic, and political impacts of "*Going Green"*
Indoor and outdoor environmental use, impacts, and quality