



NEW RELEASE

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IEEE Green Technologies Conference to Highlight Benefits of Renewable Energy Technologies

*–Jim Knutson, comprehensive solutions director, Trane,
to discuss emerging energy tools and technologies for high-performance buildings–*

Grapevine, Texas (April 14, 2010) According to the Energy Information Administration, buildings already consume a third of energy worldwide, and world energy consumption is predicted to grow 60 percent by 2030.

To increase energy efficiency and reduce environmental impact, many building teams now incorporate renewable energy technologies into new construction and renovation projects.

Renewable energy technologies capture, store and deliver power derived from renewable resources, including sun, wind, water, the earth's core and plant matter. Because they do not depend on finite resources, renewable energies can increase stability in the power grid. Plus, there are state government incentives available to help fund many renewable installations.

At the IEEE (Institute of Electrical and Electronics Engineers, Inc.) Green Technologies Conference, **Jim Knutson, comprehensive solutions director at Trane**, will discuss emerging energy tools and technologies for high-performance buildings, their application and results. Knutson will also cover design stage tools and those specific to building construction, performance, operation and renovation. These will include:

- Energy modeling and analysis
- Solar/photovoltaic, geothermal, co-generation and thermal storage
- Infrared thermography, ultrasonic analysis and vibration transducers

Conference attendees will learn the benefits of these technologies and how they can be used to increase operational efficiency and sustainability while reducing energy consumption.

Details of this presentation:

When: Friday, April 16 at 11 a.m. (Conference is April 15-16)

Where: Mustang 6 room in Gaylord Texas Resort and Convention Center, Grapevine, Texas

Conference Web site: <http://www.ieeegreentech.org/>

The second annual IEEE Green Technologies Conference will feature a variety of papers, presentations and technical seminars on current and emerging topics related specifically to the development and use of green technologies.

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About Knutson

Jim Knutson, director of comprehensive solutions for Trane, leads a Denver, Colo.-based team in serving new construction and retrofit customers in six states: Colorado, Nevada, Montana, Utah, Wyoming and New Mexico. Knutson has over 27 years of experience providing energy efficiency and contracting solutions for federal, state and local government, K-12/higher education, commercial and industrial clients.

Knutson is a current board member of the Energy Efficient Business Coalition and a member of the Energy Services Coalition, Association of Energy Engineers and the Cogeneration & On-Site Power Association. He played a key role in drafting energy efficiency legislation in 10 states over the past 15 years. He also assisted in the development of the energy performance contracting M&V protocol used now as the standard in many states. He has a bachelor of arts in Business Administration from Concordia College in Moorhead, Minn.

About Trane

Trane, a business of Ingersoll Rand - the world leader in creating and sustaining safe, comfortable and energy efficient environments - improves the performance of homes and buildings around the world. Trane solutions optimize indoor environments with a broad portfolio of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced controls for homes and commercial buildings. For more information, visit www.Trane.com.

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