



## News Release

### **Ingersoll Rand Sponsors Solar Decathlon 2011 Entry to Showcase the Benefits of Solar Technology**

*Partnership with Purdue University on Display in Global Competition*

**Indianapolis, Ind., July 15, 2011** – [Ingersoll-Rand plc \(NYSE:IR\)](#), a world leader in creating and sustaining safe, comfortable and efficient environments, today announced that it has awarded \$150,000 to [Purdue University](#) to sponsor its team's bid in the [U.S. Department of Energy Solar Decathlon 2011](#). Supported in part by Ingersoll Rand Residential Solutions and the Ingersoll Rand Foundation, the underwriting of Purdue University's 2011 entry illustrates the contribution that solar energy and state-of-the-art technology bring in creating environmentally responsible residential homes.

Sponsored by the United States Department of Energy, the Solar Decathlon challenges 20 competitive collegiate teams from around the world to design, build and operate solar-powered houses that are cost effective, energy-efficient and attractive. The program is designed to educate students and the general public about innovative options for building sustainable communities. The house is [currently under construction](#) at the Purdue Campus and will be shipped to Washington in time for the 2011 Solar Decathlon event, which will take place on the National Mall in Washington, D.C., from Sept. 23 to Oct. 2.

“The mission of the Solar Decathlon is well aligned with [Ingersoll Rand's commitment](#) to deliver innovative products, services and solutions that enhance energy efficiency, home comfort and home safety,” said Steve Hochhauser, senior vice president, Ingersoll Rand, and president of Ingersoll Rand Residential Solutions. “As a company that has enjoyed a long-standing relationship with Purdue University, [Ingersoll Rand](#) is proud to support the team's entry into the 2011 Solar Decathlon and see how the solar-powered house can showcase the potential benefits of green living and sustainable design.”

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## Ingersoll Rand Solar Decathlon – 2

Along with providing financial support and engineering consultation for the construction of the [Purdue University home](#), Ingersoll Rand offered a range of products from its portfolio, including:

- Heating, Ventilating and Air Conditioning products that include an ultra-efficient Trane XL20i heatpump and an award-winning, newly-designed Trane Hyperion™ air handler. The installation will also include an energy recovery ventilator and the Trane CleanEffects whole home air filtration system.
- Home management system featuring Schlage LiNK™ and the new Trane ComfortLink™ II Control.
- Precedent i2 Club Car golf car with solar canopy for the team to use as transport during the construction.
- Ingersoll Rand Oil-lubricated Twin-stack reciprocating air compressor to power the tools used in the construction of the house.

The entries for the 2011 Solar Decathlon will be rated on a set of criteria that contribute to sustainable living, including architecture, market appeal, engineering, communications, affordability, comfort zone, hot water, appliances, home entertainment and energy balance.

All homes must be designed to have net-zero energy consumption, which means the house must produce as much energy independently (through the installed rooftop solar panels) as would be required for the occupants to live in it.

Following the 2011 Solar Decathlon event, [the Purdue University home](#) will be donated to a nonprofit organization in the local Lafayette, Ind., community.

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### **About Ingersoll Rand**

Ingersoll Rand (NYSE:IR) is a world leader in creating and sustaining safe, comfortable and efficient environments in commercial, residential and industrial markets. Our people and our family of brands - including Club Car®, Hussmann®, Ingersoll Rand®, Schlage®, Thermo King® and Trane® - work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. The Center for Energy Efficiency and Sustainability at Ingersoll Rand is a global group of experts dedicated to integrating best practices for the long-term use of energy and other resources. Ingersoll Rand is a \$14 billion global business committed to sustainable business practices within our company and for our customers. For more information, visit [www.ingersollrand.com](http://www.ingersollrand.com).

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