



Ingersoll Rand Sponsors Solar Decathlon 2011 Entry

Partnership with Purdue University on Display in Global Competition

Indianapolis, Ind., July 12, 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 that 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 to 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."

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 air handler called Trane Hyperion. The installation will also include an energy recovery ventilator and the Trane CleanEffects air filtering system.
- Schlage LiNK home management system with the new ComfortLink XL 950 II Thermostat.
- 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 roof-top 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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