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## Ingersoll Rand Provides Home Automation and Connectivity to Teams Participating in the 2013 U.S. Solar Decathlon

### *Teams from West Virginia and New Mexico among those to use Nexia™ Home Intelligence System*

Davidson, N.C., April 3, 2013 - [Ingersoll Rand](#) (NYSE:IR), a world leader in creating and sustaining safe, comfortable and efficient environments, is offering home automation technology including the [Nexia™ Home Intelligence System](#) to the 20 international teams participating in the [U.S. Department of Energy Solar Decathlon 2013](#), October 3-13, Irvine, California. The technology will help the contestants gain more insight into total energy used in their house projects and allow them to make better decisions in achieving maximum efficiency.

Having a simple, easy to use system that controls and monitors the home environment, including temperature and comfort settings, is an important element in effectively managing energy usage. The system allows users to link all of the security features and energy sources in a home and interact and adjust those sources from wherever at their convenience. The smart-home technology is completely wireless and can be managed via smart- phones, tablets and computers from any location with Internet access.

“We are excited to expand our current sponsorship with the Department of Energy and provide additional technology to the university competitors in this year’s Solar Decathlon,” said Gary Michel, senior vice president, Ingersoll Rand and president, Ingersoll Rand Residential Solutions. “While the competition allows university contestants to demonstrate their experimental and leading edge concepts, it is also important to communicate that practical and affordable technology is readily available to help today’s homeowners achieve significant energy efficiency.”

Incorporating the Nexia Home Intelligence System into their house designs allows participants to leverage the latest wireless technology to control locks, lighting, thermostat controls, cameras, blind and window covering controls, energy management solutions, and solar production measurement. The primary controls and locks are manufactured by Schlage and Trane. Nexia serves as an open platform to connected devices to allow complete home control management and remote connectivity.

Ingersoll Rand is also making available its Trane Energy Management Solution (TEMS) to help measure circuit level energy consumption and renewable (solar) production. All data and measurement are displayed in a simple and easy to read user interface. This will provide insight for the teams and help them educate visitors on energy use and costs – an important component of the competition.

### **Four Teams Become Early Adopters**

To date, four teams have committed to using the Nexia Home Intelligence platform in their Solar Decathlon 2013 entry:

1. [Arizona State University and The University of New Mexico](#)
2. [Team Ontario \(Queen’s University, Carleton University, and Algonquin College\)](#)
3. [The University of North Carolina at Charlotte](#)
4. [West Virginia University](#)

Teams that are still interested in receiving technology support are encouraged to contact Susan Burek ([sburek@irco.com](mailto:sburek@irco.com)) or +1 704-655-4601 for more information.

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