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Infrastructure Upgrades at Racine Unified School District Save an Estimated \$150,000 Annually

District receiving Trane Energy Efficiency Leader Award

Racine, Wis., Aug. 26, 2013 – Leaders at Racine Unified School District recently completed major facility upgrades to aging and outdated systems to improve the learning environment in the district's four middle schools and 11 elementary schools.

The infrastructure upgrades implemented by [Trane](#), a leading global provider of indoor comfort solutions and services and a brand of [Ingersoll Rand](#), are expected to save the district approximately \$150,000 in annual utility expenses and operational cost savings over time.

District leaders funded the improvements with a performance contract which avoided any tax impact to the community. The improvements reflect a district-wide commitment to sustainability.

In recognition of the district's commitment to energy, operational efficiency and sustainability, Trane is presenting the district with the "Energy Efficiency Leader Award."

Details of the Award and Speaking Presentations:

- Racine Unified will be recognized at an award presentation on Aug. 28 starting at 11 a.m. (full agenda included below) at McKinley Middle School, 2340 Mohr Ave., Racine, WI 53405
- Mitchell Farrell, district general manager for Trane Great Northern Plains, will present the award to David Hazen, chief financial officer, Racine Unified School District and Dennis Weiser, president of the Racine Unified School Board

"We're pleased that we could improve the learning environment without adding a tax burden for the district," said David Hazen, chief financial officer of Racine Unified School District. "It's even better that the improvements increase the district's overall sustainability – making the district environment better for all our residents."

The project was funded by a performance contract, which allowed the school to use future energy and operational savings to finance infrastructure improvements up front. Performance contracting is a funding option that provides measurable educational results to support strategic objectives.

The upgrades represent a major step in transforming district facilities into high performance buildings that tie to its educational mission. High performance buildings take a whole building approach to performance while creating spaces that are reliable, safe, healthy, comfortable and efficient.

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High performance buildings meet specific standards for energy and water consumption, system reliability and uptime, environmental compliance and occupant comfort. All standards are set to deliver established outcomes that help building owners and occupants achieve their business missions.

Prior to selecting improvements, Trane completed a detailed energy audit of district buildings. Based on the audit results, Trane presented infrastructure system upgrades to Racine Unified that best met their energy conservation goals and updated solutions in 15 buildings.

Completed Improvements

Upgrades included replacing an outdated steam plant with a centralized heating plant that includes high efficiency hot water boilers. The district also updated digital controls so that they integrate with existing building controls to expand energy management functions and capabilities. High efficiency lighting upgrades were completed at 11 elementary schools.

Upgrades at McKinley, Mitchell and Jerstad-Agerholm Middle Schools included replacing windows and doors as well as roofing replacement and maintenance. New doors and windows were also added at Janes Elementary and doors were added at Red Apple.

The district also has incorporated sustainability education into its curriculum with the BTU Crew™ curriculum, a six-session educational program about energy conservation in buildings created by Trane and incorporated into fifth-grade classrooms starting in 2010. The program is designed to interest young students in potential careers in science, technology, engineering and math (STEM). Fifth-grade students will present what they learned from the curriculum.

11:00 a.m. - Welcome by Master of Ceremonies

11:05 a.m. - Presentation of BTU Crew learning outcomes by fifth graders from Giese Elementary

11:15 a.m. - Lunch

Noon - Presentation by Dave Hazen, Racine chief financial officer

12:05 p.m. - Presentation by Mitchell Farrell, district general manager, Trane Great Northern Plains

12:10 p.m. - Presentation of Energy Efficiency Award by Mitchell Farrell to Racine Unified

12:20 p.m. - Presentation by John Dickert, mayor of Racine

12:25 p.m. - Tour of McKinley Middle School

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About Racine Unified School District

Racine is an urban community located on the beautiful shores of Lake Michigan in southeastern Wisconsin. The fourth largest school district in the state of Wisconsin, Racine Unified School district has approximately 21,000 students. The district includes: 20 elementary schools, including three magnet schools and one year-round school; seven middle schools, including one magnet school and one charter school; six high schools, including one magnet school and one charter school. Racine Unified features rigorous academics and strong programming in the fine arts, foreign language, career-to-work, physical education, technology and other electives. The district prides itself on its diversity and the success that it creates for all of the students served and is proud of our mission to "Educate Every Student to Succeed." For more information, visit: <http://www.racine.k12.wi.us/>.

About Ingersoll Rand and Trane

Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. Our people and our family of brands—including [Club Car®](#), [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. Trane solutions optimize indoor environments with a broad portfolio of energy efficient heating, ventilation and air conditioning systems, building and contracting services, parts support and advanced control. Ingersoll Rand is a \$14 billion global business committed to a world of sustainable progress and enduring results. For more information, visit ingersollrand.com or trane.com.

