



## News Release

### FOR IMMEDIATE RELEASE

#### **Center Grove School Infrastructure Improvements Generate Savings for School** *– Administrators to Receive Energy Efficiency in Education Award –*

**Greenwood, Ind., Oct. 7, 2009** - When it comes to allocating resources, administrators at Center Grove Middle School Central just aced the test. Recently completed infrastructure upgrades will allow administrators to realize significant energy and operational savings, leaving greater resources to focus on their biggest priority: educating students.

Improvements were needed to address high energy and operating costs, update aging systems and increase efficiency and effectiveness of existing systems. Infrastructure improvements were launched in August 2008 and completed 12 months later. With the improvements, which optimize the teaching and learning environment, administrators are expected to save \$300,000 over a 10-year period.

The project is funded with a performance contract, supported by Indiana Senate Bill 516 for Guaranteed Energy Savings. A performance contract is a model that allows building owners to use future energy and operational savings to finance infrastructure improvement projects. It is an option for funding energy-saving improvements in buildings that provides measurable business results. By managing and optimizing energy use, schools can leverage operational savings to support strategic educational objectives.

Optimizing the learning environment can actually affect student performance. According to *Greening America's Schools*, a recent national report of K-12 schools, green schools could raise academic performance while improving the health, well-being and productivity of all who learn and work there.

"We were delighted to open our doors this fall with an improved learning and teaching environment," said Dave Statler, supervisor of facilities, operations and maintenance. "We're even more pleased that the improvements won't require new taxes and that they leave more resources to focus on educating our students."

#### **Award for Energy Leadership to Honor Center Grove Administrators**

Administrators at Center Grove Middle School Central will receive the "**Trane Energy Efficiency Leader in Education Award**" for their sustainable energy and operational efficiency improvements. The award recognizes the importance of the upgrades and administrators' commitment to energy efficiency and environmental responsibility.

- Details of the award presentation: Brian Pickering, comprehensive solutions manager, Trane in Indiana, will present the award to Steven Stephanoff, superintendent, Center Grove Community School Corp.
- Awards presentation will be at 5:30 p.m. on **Oct. 12** at Center Grove Middle School Central, 4900 West Stones Crossing Road, Greenwood, Ind. 46143.

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## **Center Grove School Infrastructure Improvements Generate Savings for School-2**

The Energy Efficiency Leader in Education Award honors a school that has completed building improvements that optimize the teaching and learning environment and increase operational efficiency.

Thanks to the infrastructure improvements, administrators anticipate the school will realize total energy savings equivalent to 229 metric tons of CO<sub>2</sub> annually for the next 10 years. This is analogous to yearly greenhouse gas emissions avoided by removing 41 passenger cars from the road or by recycling 79 tons of waste instead of sending it to a landfill.

### **Administrators Select Customized Energy Conservation Measures**

Before undertaking improvements, administrators completed a building assessment to determine the best energy conservation measures for the school. They then identified the specific improvements that best fit the school's needs for energy and operational efficiency.

New boiler and chiller systems offer greater efficiency and are less expensive to operate. A new customized control system features increased reliability, allowing precise control of the building environment and delivering comfort for students and staff. The new system also provides increased energy efficiency.

Administrators also replaced lighting fixtures in the gymnasium with high-efficiency fluorescent fixtures with electronic ballasts. These fixtures will allow the lights to be turned off and on with no warm-up or cool-down period required. This gives the school greater flexibility for special events and allows the lights to be turned off during periods when the gymnasium is not being used. New air handling systems also were added to improve occupant comfort as well as increased efficiency.

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### **About Center Grove Middle School Central**

Center Grove Middle School Central is located at 4900 West Stones Crossing Road in Greenwood, Ind., and has 960 students in grades 6 through 8. This facility is part of a larger school campus that includes Center Grove High School, Center Grove Elementary School, and the School Corporation Administration Building. The Middle School building consists of approximately 190,000 total square feet. Over the past few years, Center Grove Middle School Central has been a Four Star School.

### **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](http://www.Trane.com).

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