



Proven Energy Results With Green Design

What is a “green” building? Can only trendy new structures be considered “green?” What about buildings that are long in the tooth? Are there cost effective options to heighten their energy efficiency and lessen their impact on the environment?

The answer is yes!

A building does not have to be new to be efficient in its energy use. In fact, many new buildings do not possess the systems and technologies to allow them to operate efficiently.

CTS is committed to helping our customers' new construction or existing facilities be “green” with a comprehensive energy efficiency plan. The benefits are not only reduced energy costs and productive, healthy environments for occupants, but also reduced greenhouse gas emissions.

With so many energy-efficient products and technologies entering the market, selecting the most cost effective “green” options for a facility can be challenging. CTS is well versed in evaluating the efficiency and life-cycle costs of building infrastructure systems and identifying the opportunities that exist to reduce energy usage.

From building envelope modifications and energy efficient lighting systems, to incorporating renewable energy technologies like geothermal systems, solar panels and wind turbines, CTS has the experience and knowledge to turn your facilities “green”.

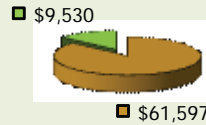


Warren Co. R-III School District Retrofit Project

Scope: Geothermal HVAC, building automation system, electrical, lighting, windows, floors, ceilings, fire alarm, communications system, lockers, doors

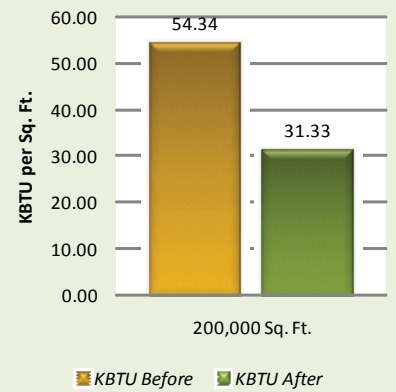
Annual savings of 356 metric tons of CO₂ emissions

Annual Cost Savings \$71,127
115% of Guarantee



■ Guaranteed Savings
■ Additional Savings

Warren Co. R-III KBTU



"The buildings were as old as 50 years and needed some significant work. My familiarity with the (performance contract) process made it an easy decision. I opened the process up for bids even though I had worked successfully with CTS in a previous district. After the bid process was complete, CTS was not only the best package, but the least expensive. I am extremely satisfied working with CTS. This is my second district and second contract with CTS and they have been easy to work with. They tell you what they will do and then they do just what they told you. I recommend CTS to everyone." Dr. John Long, Superintendent

Scotland Co. R-I School District Retrofit Project

Scope: Geothermal HVAC, building automation system, electrical and lighting systems

Scotland's High School and Elementary School have both been awarded the EPA's Energy Star Award for rating in the nation's top 25% for superior energy efficiency and environmental protection.



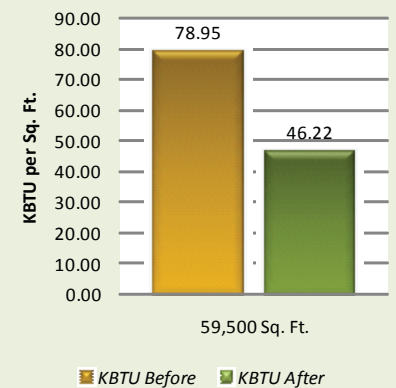
Annual Cost Savings \$46,868
125% of Guarantee



■ Guaranteed Savings
■ Additional Savings

Annual savings of 234 metric tons of CO₂ emissions

Scotland Co. R-I KBTU

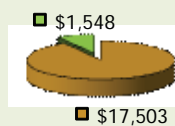


New Madrid Co. R-I School District Retrofit Project

Scope: Geothermal HVAC, building automation system, electrical service

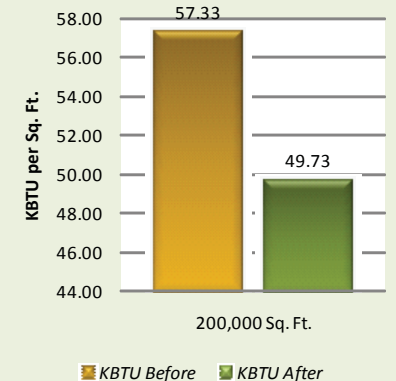
Annual savings of 95 metric tons of CO₂ emissions

Annual Cost Savings \$19,051
109% of Guarantee



■ Guaranteed Savings
■ Additional Savings

New Madrid Co. R-I KBTU



"The project was definitely a success. Through the conversion to a geo-thermal system the district has benefited in many ways: we now have: 1) an HVAC system that is new and reliable, 2) greater flexibility in controlling the temperature within the building (can have heating and cooling simultaneously in adjoining classrooms), 3) improved our indoor air quality, 4) a substantially improved automation system that manages/monitors the HVAC system, and 5) have dramatically lowered our energy costs in this section of the building. We have been very satisfied with our relationship with CTS. The school board was extremely pleased with the outcome of the project and with the work of CTS." Paul Northington, Director of Business