



# Efficiency Now

It's never been more important.

## St. Mary's County Public Schools: *Leonardtown, Maryland* Energy-efficient schools save \$1.9 million with no taxpayer investment

### Background:

St. Mary's County Public Schools comprises 27 buildings throughout St. Mary's County, Maryland, and serves 13,089 students. The district lacked the funds to repair or replace aging heating and ventilating equipment, but knew that it needed upgrades to preserve a good learning environment for students and staff.

### Opportunity:

Johnson Controls representatives performed a technical analysis in several buildings to determine the complexity level and time needed to improve operating conditions and energy savings. The report clearly documented the need for repairs and upgrades, finding malfunctioning HVAC controls that caused some areas to be too hot or too cold – while equipment tended to run continuously, wasting energy. Johnson Controls proposed a performance contract that could pay for upgrades through the energy savings that would result. New controls and a facility management system were installed, HVAC equipment was repaired or updated, and the maintenance staff was trained to service and maintain the equipment.

### Results: \$1.9 million savings

Within six years, St. Mary's County Public Schools saved almost \$1.9 million in energy costs. The cost savings were allocated for instructional materials and equipment for students, and the improved conditions of the learning environment significantly impacted student readiness to learn.

Efficiency makes sense for everything from the wallet to the environment. Efficiency measures can be accomplished quickly, they're relatively easy, and there's a real payback. The world needs efficiency, and Johnson Controls has everything necessary to provide it. We've got the experts, we've got the technology, and we've got ingenuity and integrity built into everything we do. For more examples of energy and operational solutions for buildings around the world, visit [johnsoncontrols.com/efficiencynow](http://johnsoncontrols.com/efficiencynow).

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