

# Council Rock School District



**QUICK STATS**

<b>LOCATION</b>	Newtown, Pennsylvania
<b>ENROLLMENT</b>	12,000 10 elementary schools 3 middle schools 2 high schools
<b>PARTNER SINCE</b>	1999
<b>SERVICES</b>	Energy Management Custodial

## COUNCIL ROCK SCHOOL DISTRICT MAXIMIZES ENERGY EFFICIENCY

**SAVINGS PRODUCED BY LOWERING THE ENERGY BUDGET PROVIDED FUNDS FOR MUCH NEEDED CAPITAL IMPROVEMENTS IN THE PHYSICAL PLANT SYSTEMS**

As part of its mission for educational excellence, Council Rock School district (CRSD) committed to empowering students with skills and knowledge that will enable them to be responsible citizens and productive members of the community. With this philosophy, the administration of CRSD took responsible, civic-minded actions to address the financial impact of rapidly rising energy costs and the environmental impact of energy waste in the district.

In partnership with Aramark Engineering and Asset Solutions, CRSD adopted an energy management policy that provided sound fiscal management by setting guidelines for the conservation of energy and natural resources. The ultimate goal was to improve general environmental quality and stability throughout the district while reducing the energy budget. Working together, Aramark and the Council Rock School District designed a program that produced rapid realization of savings with long-term program sustainability for the district and its surrounding community.

Aramark developed a model energy program with CRSD that will last far into the future. The program allowed the district to better evaluate and understand and how

**“The numbers speak for themselves at a time when our budget is under pressure. Without this program, the instructional program and facilities maintenance efforts would have been negatively impacted.”**

**Robert Schoch**  
 Director of Business Administration, Council Rock School District



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## Results

- **Cost avoidance of nearly \$1.4 million**

- Within the first 12 months, **net savings exceeded by 500%**
- The fiscal success of the program supported the educational mission and environmental values of the learning community

energy systems operate, which resulted in immediate and long-term savings plus quality improvement opportunities.

### BUDGET MANAGEMENT, SERVICE EXCELLENCE

- Provided energy producing assistance by developing lowest cost supply for energy streams
- Implemented energy reporting and perfuming measurement systems
- Established comprehensive practices and standards for district wide guidelines
- Prioritized projects based on energy and cost-savings opportunities
- Employee development and operational support
- Provided technical and skill-based training
- Supplied troubleshooting and corrective maintenance support to improve the quality of operations
- Developed operating procedures for ongoing training and building preservation community commitment
- Developed monthly newsletter for the community to provide education about energy savings and tips to reduce energy consumption
- Distributed energy updated emails to the staff to share progress and activities within the district
- Provided energy management program guidance and insight to other school districts through conference presentations

### SIGNIFICANT POSITIVE OUTCOMES

When the energy partnership began, Aramark guaranteed the District a net savings in excess of the program costs. Within the first 12 months, this guarantee was exceeded by 500%. Additionally, CRSD also experienced these significant positive outcomes.

- More than 30% reduction in the District's energy consumption during the first 12 months of the program
- Cost avoidance of nearly \$1.4 million
- Decreased cost rates for fossil fuels, achieved through purchasing assistance
- Improved thermal comfort of building spaces and increased system reliability
- Commitment of specialized technical resources to assist with technical challenges beyond those that are energy related
- Educational opportunities for students and staff to learn about energy through hands-on activities and specialized programs
- Implementation of real-time energy monitoring
- Reduction of carbon monoxide emission by more than 3,000 metric tons