

ANNUAL REPORT



Performance Services

GARRARD COUNTY SCHOOLS

Year 2

July 2020 – June 2021

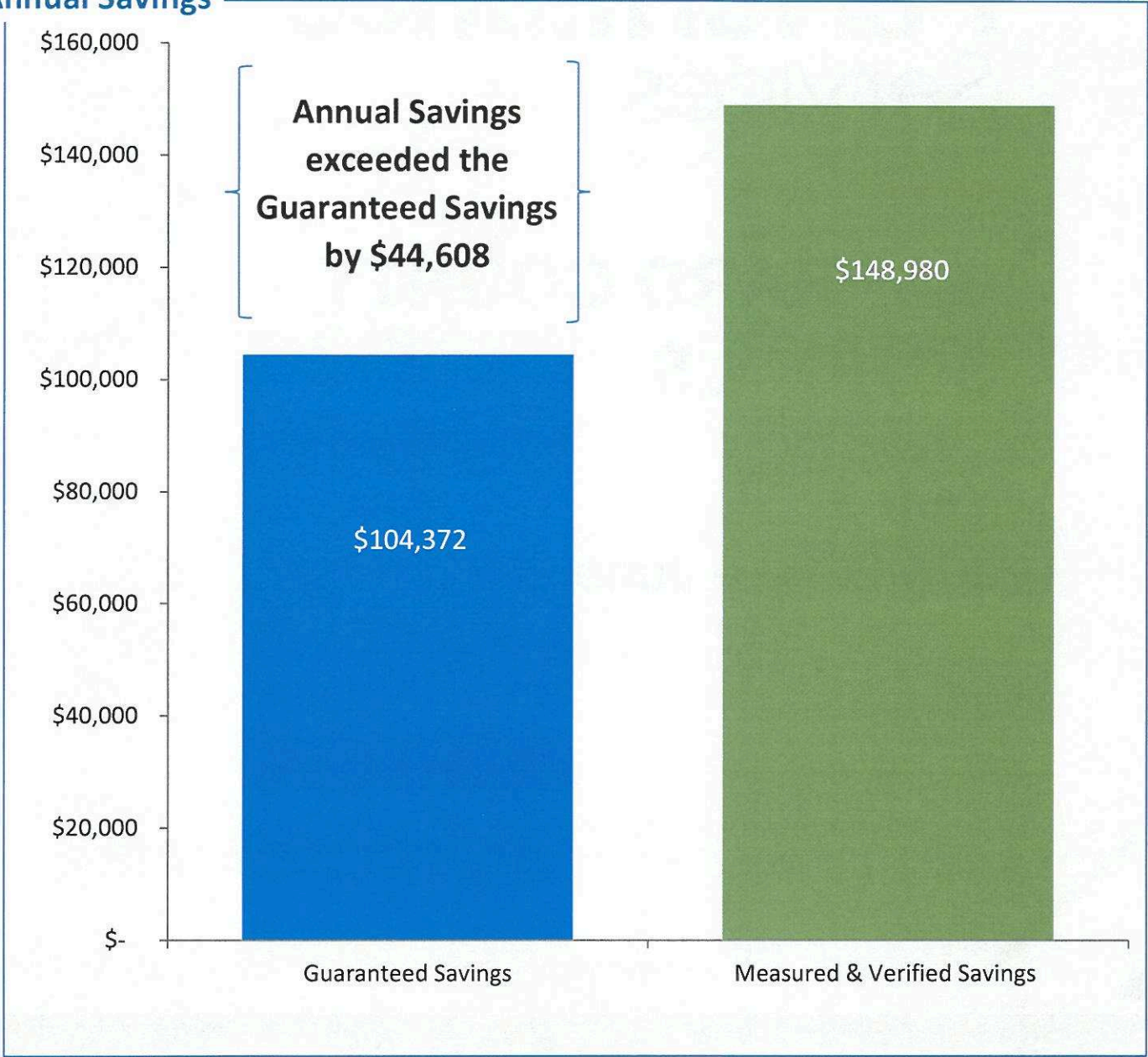


Performance Services, Inc.
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Executive Summary

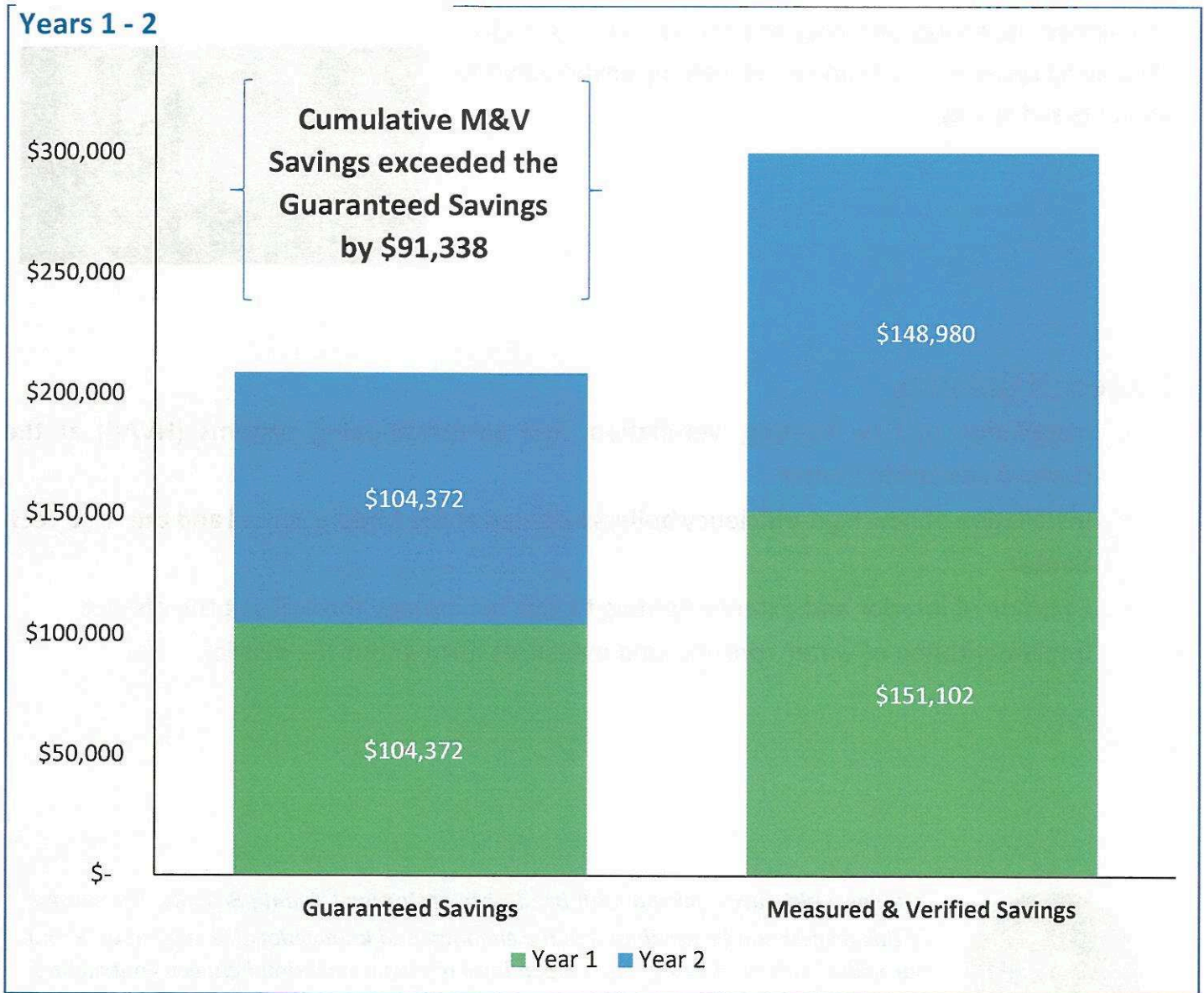
This Year 2 Annual Report provides an overview of energy performance resulting from the efficiency project completed by Performance Services (PSI) in 2019. Our Performance Assurance team is committed to measuring and monitoring project performance, recognizing customer successes, and identifying opportunities for increased efficiency. The following Annual Savings table shows guaranteed energy savings compared to actual savings measured for the period of July 1, 2020 – June 30, 2021. Measured savings surpassed guaranteed savings by \$44,608, or 42.7%.

Annual Savings



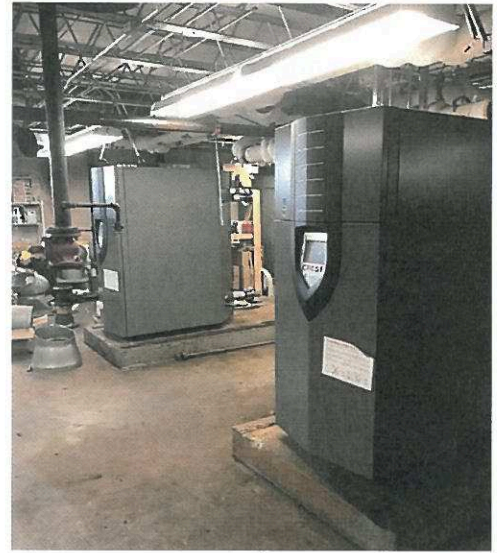
The following Cumulative Project Savings table shows guaranteed energy savings compared to actual measured savings throughout the life of the project, or July 2019 – June 2021. Measured savings surpassed guaranteed savings by \$91,338, or 43.8%.

Cumulative Project Savings



Project Description

Garrard County Schools in Lancaster, KY was looking to implement solutions to address their facilities' energy and operational savings, maintainability, and learning environment needs. In 2017 the District partnered with Performance Services to improve the energy efficiency of their 11 buildings, address their aging systems, and improve the learning environment for students and faculty.



Project Highlights

- Installation of new heating, ventilation, and air-conditioning systems (HVAC) at the Garrard Education Center
- Installation of new high-efficiency boilers installed at the Middle School and the Area Tech Center
- Upgrade of interior and exterior lighting to LED technology throughout the district
- Implementation of water conservation measures throughout the district

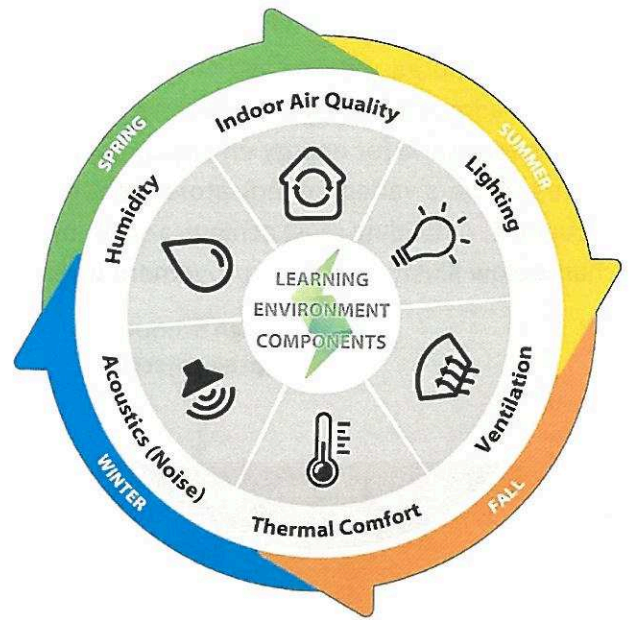


“It was a pleasure working with Brad Abee at Garrard County Schools. The success of this project can be attributed to the engaged and knowledgeable staff at GCS and our skilled subcontracting team. Open lines of communication between contractors, school personnel and Performance Services meant no one was left in the dark. The quality of collaboration allowed us to complete the project two weeks early.”

Philip Pursley
PROJECT MANAGER

Project Benefits

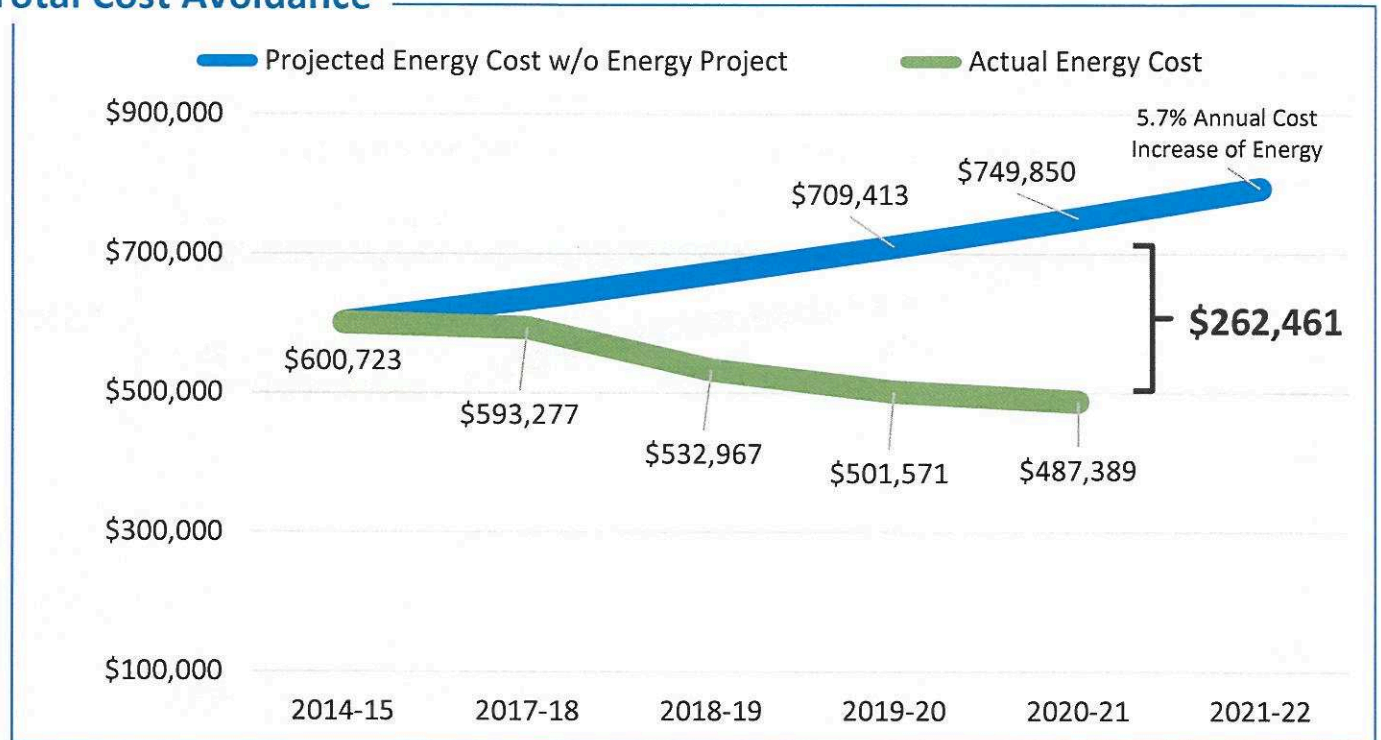
Performance Services provides systems and solutions with the goal of providing high-performing learning and working environments for our customers. Our Four-Season Optimization process ensures that your building systems are energy-efficient while also providing an optimal learning environment. We also design reliable and resilient systems in order to minimize operational costs.



Financial Impact of the Project

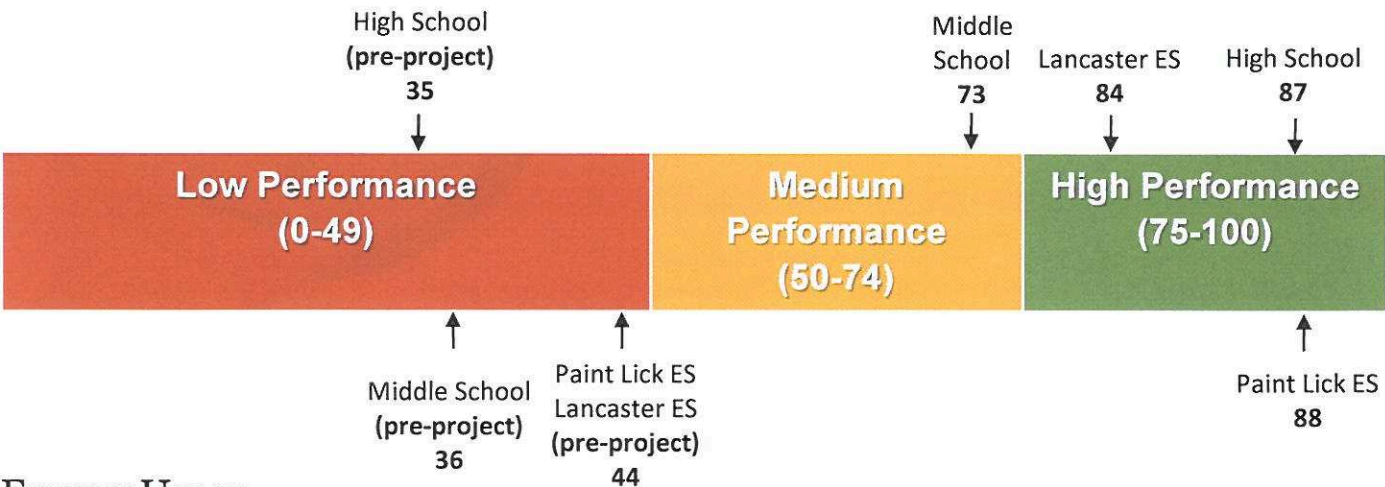
The avoided cost calculation examines projected energy expenditure had the district chosen not to upgrade equipment and adopt new consumption habits through the Energy Leadership program. This metric is demonstrated by applying actual utility rate inflation to pre-project equipment performance and usage. As shown in the following chart, Garrard County Schools avoided \$262,461 in energy costs during the second full year following project implementation.

Total Cost Avoidance



Energy Impact of the Project

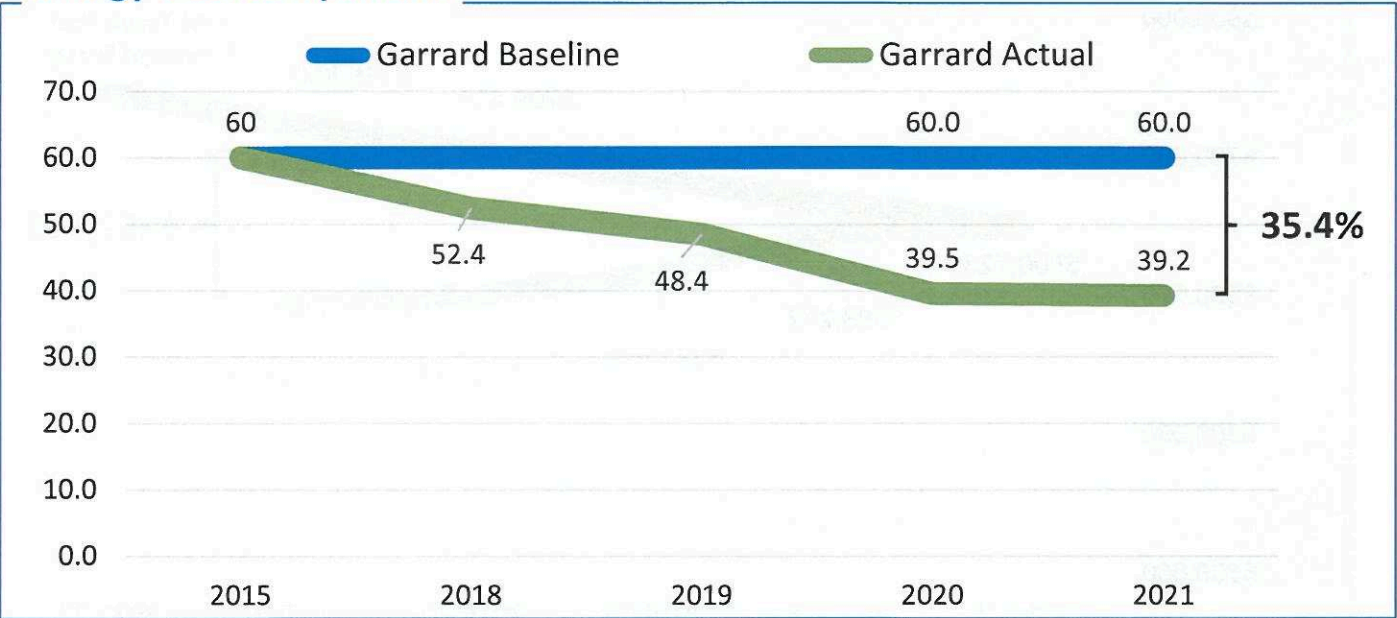
A widely adopted metric used to gauge energy impact is the ENERGY STAR score. ENERGY STAR, a federal program administered by the Environmental Protection Agency, provides recognition to facilities that meet their enhanced criteria for energy efficiency and indoor quality standards. Each facility is scored on a scale from 0 to 100 based on a variety of indicators like facility function, local climate, hours of operation, and the number of occupants. A building must achieve a score of 75 or better in order to qualify for ENERGY STAR certification. The chart below illustrates the improvement of your facilities' that are candidates for ENERGY STAR certification.



Energy Usage

The Energy Use Index (EUI), referred to generally as “energy intensity,” demonstrates the volume of energy consumed per square foot at a set of facilities over the course of a year. Prior to 2019, the Garrard County facilities included in this project scored a combined EUI of 60. After equipment upgrades and Four-Season Optimization, the EUI of these facilities is now 39.2, which is a 35.4% reduction in energy intensity.

Energy Use Comparison



Customer Portal

Performance Services provides a **Customer Portal** to our customers with access to training videos, an in-depth searchable knowledge base, and a ticketing system to create and track work requests. This portal allows for ease of communication and ensures a convenient way to request assistance, and document system performance.

Customer Portal Data

- 80 total tickets entered by Garrard staff
- 77 issues resolved
- 2 tickets in process



Garrard High School

12/8/2020, Bradley Abee reported he was unable to change a temperature setpoint on 4 heat pumps at the high school.

12/14/2020, Gary Sprague discovered the graphic links for the setpoints were not available to change. He then added them, rechecked the others, and the ticket was resolved.

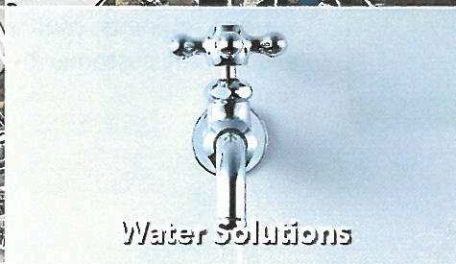
7/14/2020 5:07pm, Bradley Abee requested we check the system and make sure everything is working for an event coming up soon at one of their buildings.

7/15/2020 8:21am, Owen Richetti checked every controller and verified setpoints, cooling signals, and temperatures. We then ensured the customer that everything was working. The ticket was resolved.

Who We Are

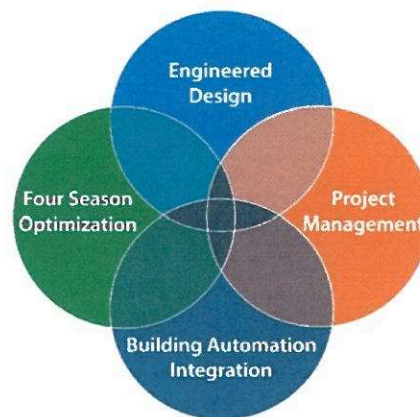
Performance Services is a high-performance specialist, creating and delivering facility and environmental solutions using integrated design and delivery with sole accountability. We do this by utilizing either design-build or guaranteed energy savings contracts. Our focus since the company's founding in 1998 is serving education and local governments to provide sustainable solutions and 100% customer satisfaction on every project.

What We Do



How We Do It

Performance Services provides **integrated design and delivery** that is enabled and focused on quality results for our customers. We prefer not to relinquish our design, project management, optimization, or performance assurance work to subcontractors and perform these essential functions in-house. Our team utilizes a cohesive and collaborative team approach throughout project development and implementation to maximize quality results and customer satisfaction.



How We're Different

Performance Services conducts master planning and completes both new construction and major renovation projects using a design-to-budget and collaborative process to save our customers time and money.

- A multidisciplinary approach
- Unparalleled performance guarantees
- No change orders guarantee
- Transparent, open-book pricing
- Vendor independence
- Sole accountability for results

Contact for Assistance



David Dowdell

BUSINESS DEVELOPMENT MANAGER

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Abby Vaal

PERFORMANCE ASSURANCE ADMINISTRATOR

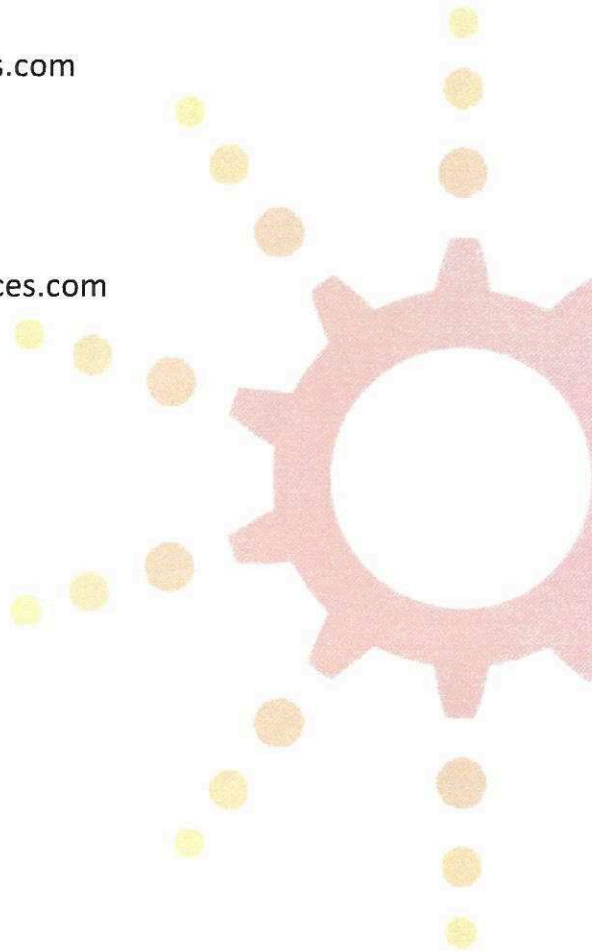
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PERFORMANCE ASSURANCE SPECIALIST

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OUR WORD IS OUR BOND

When we commit to implementing a project at a set price, we implement that project for that price without asking customers for change orders to cover design or construction errors.

RELATIONSHIPS MATTER

We work with customers that believe in a collaborative and partnership approach. We value long-term relationships.

WE FULFILL PROMISES

Promises and commitments to customers always take priority over profits. Our employees are empowered and expected to make this happen.

CUSTOMER IS IN CONTROL

Quality performance and value is defined by our customers. Customer feedback is always taken into consideration.

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Appendix

