



Garrard County Schools

Year 2 Energy Savings Report October 21, 2021



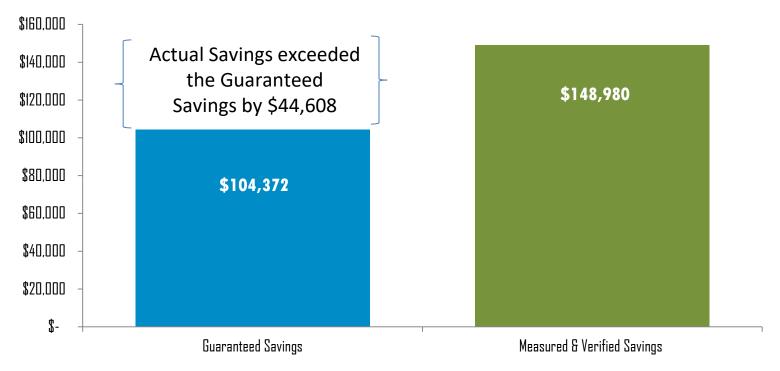
Energy Conservation Project Scope

- ✓ Upgraded Interior and Exterior Lighting
- ✓ Digital Control of HVAC Systems
- ✓ Water Conservation
- ✓ HVAC System Upgrades
 - Education Center
 - Middle School
 - Area Technology Center



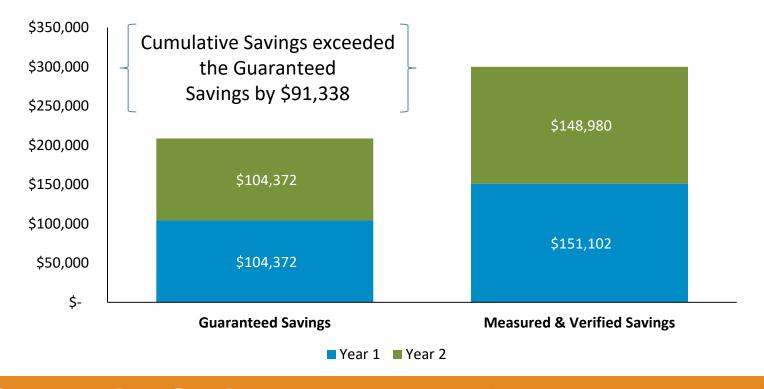


Utility Savings for School Year 2020-21



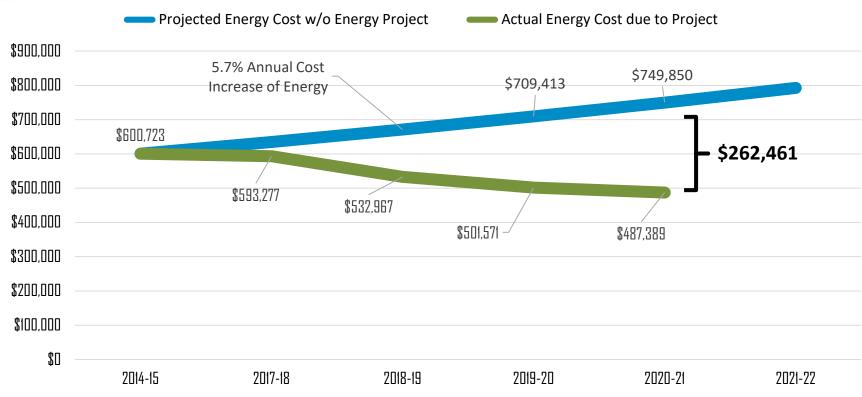


Cumulative Project Utility Savings



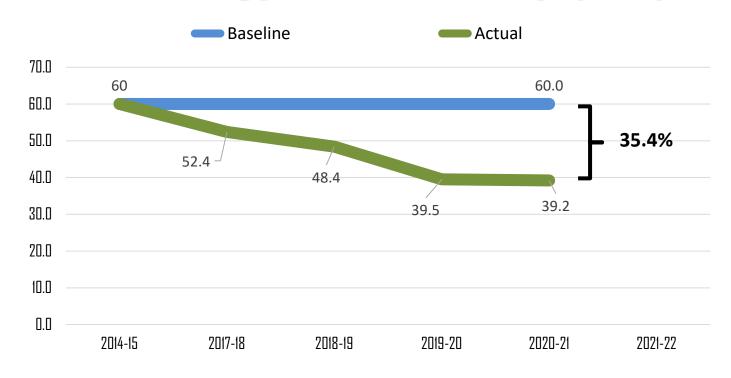


Utility Bill Dollar Impact of Project





Energy Use Intensity (EUI)





Preliminary Energy Star Scores



Lancaster Elem – 84 (+40)

Paint Lick Elem – 88 (+44)

Low Performance (0-49)

Medium Performance (50-74) High Performance (75-100)

Middle School – 73 (+37)

High School – 87 (+35)

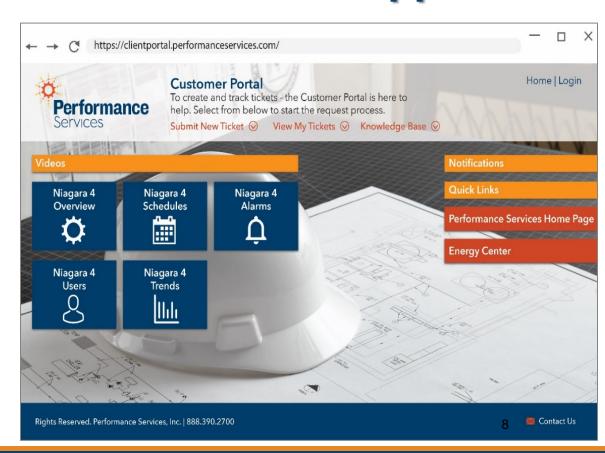
A Score of 75 or Better Meets Efficiency Requirement



Performance Assurance Support

 80 total tickets entered by Garrard staff

- 77 ticket issues resolved
- 3 tickets in process





Additional Savings Opportunities

- ✓ Upgrade Interior Lighting at the High School
- ✓ Install Solar Systems
- ✓ Upgrade the Building Weatherization
- ✓ Install Controls for the Diesel Engine Block Heaters
- ✓ Replace HVAC Equipment that is at this end of its Lifecycle
- ✓ Investigate Telecom Opportunities







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