

Cenergistic®

Energy Conservation Program Board Update



Clay County District Schools
November 5, 2020



Key Program Objectives

Partnering with Cenergistic in Sustainability

**Cost Savings
Via Reduced Utility
Spend**



**Optimized
Buildings And
Comfort Systems**



**Culture Of
Sustainability
Created Within
Organization**



Energy Program Success

56

Months into
Energy Program

\$5,484,222

Cumulative Cost
Avoidance

25%

Reduction in
Energy Use (EUI)

16%

Savings Percentage



Environmental Impact

28

ENERGY STAR®
Certified Buildings



86,214,518

Greenhouse Gas
Emission from Miles
Driven by an
Average Vehicle



12,342

Greenhouse Gas
Emission from Tons of
Waste Recycled

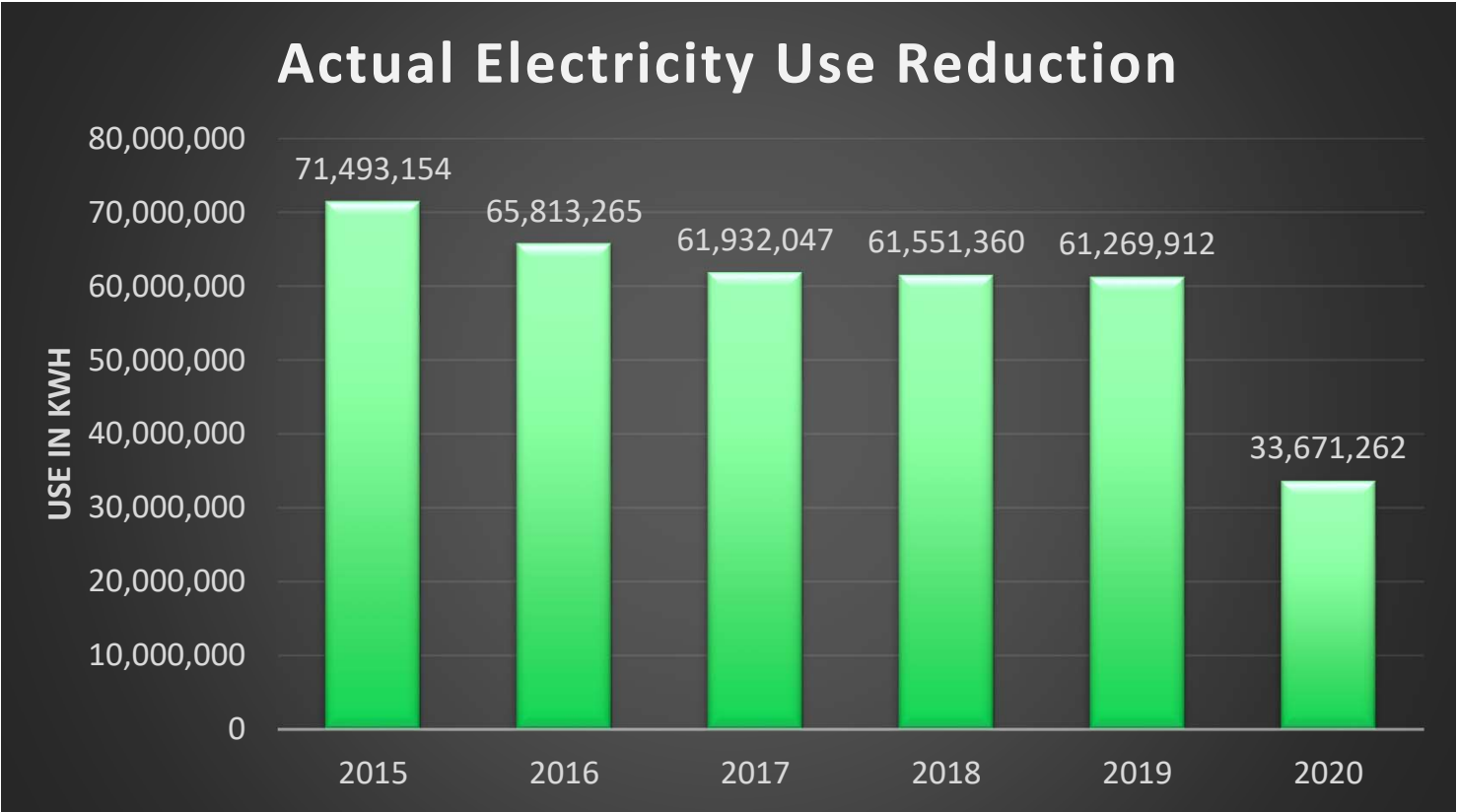


587,813

Carbon Sequestered
from Trees Grown for
10 Years



Energy Use History



Success Story – Wireless Thermostat Project

Cenergistic partnered with Phil Hans and Buck Bell to install wireless programmable thermostats in the portables at four (4) schools in July 2019 and two (2) more schools in September 2020.

Exciting benefits include:

Increased Comfort

- Thermostats are scheduled for portables to reach occupied temperatures by the start of the teachers' workday.
- Occupants still control their thermostats and can even temporarily override the unoccupied schedule by just changing the setpoint.

Energy Savings

- Thermostats will automatically set back to unoccupied setpoints on nights, weekends & school holidays.



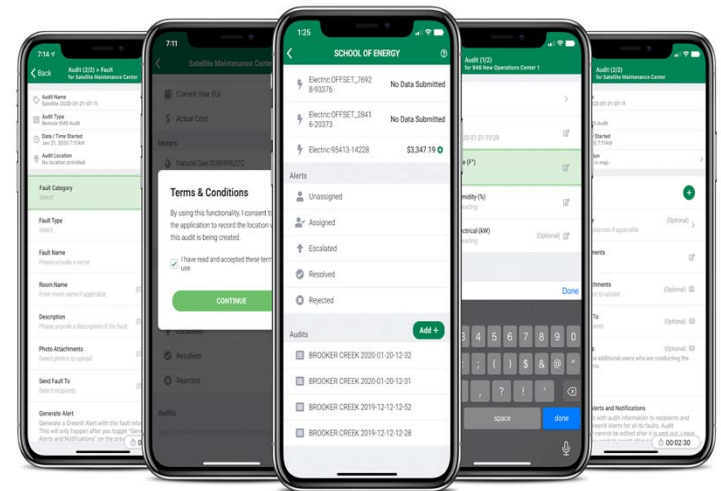
Leveraging Cenergistic GreenX[®]

Mark and Roseann use Cenergistic's state of the art GreenX[®] technology each time they audit a building. This allows them to record their audit observations, compliance scores, issues found, and actions taken for resolution.

They can create alerts for issues requiring follow-up action and track them to completion.

Cenergistic GreenX[®] significantly reduces the time between opportunities identified and savings realized.

2,090 Audits completed since mid-March 2020.

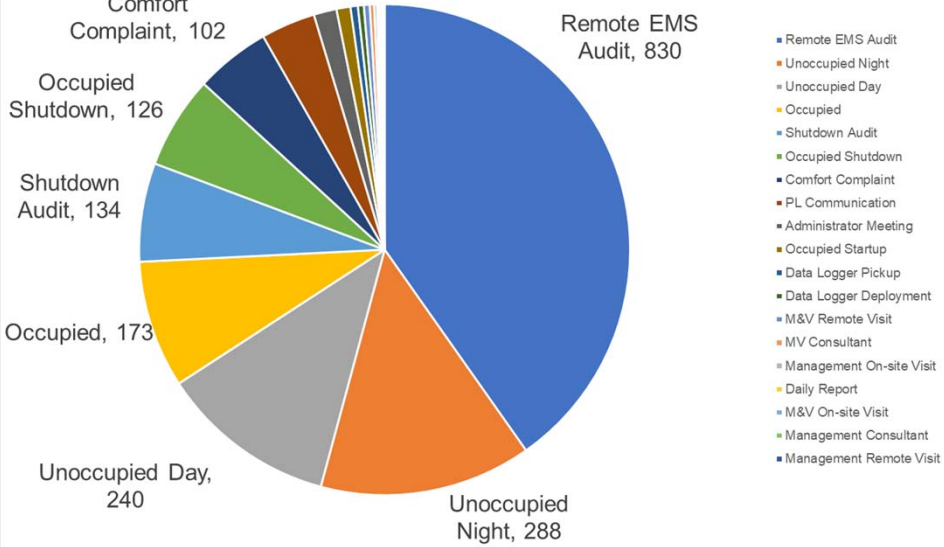


Cenergistic[®]

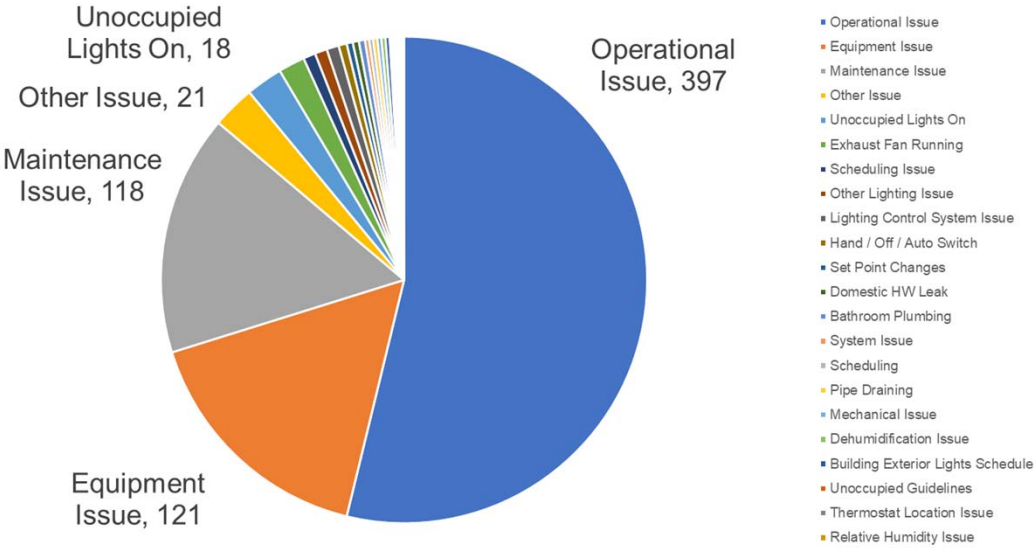


Cenergistic GreenX[®] - Building Audits

Audit Type



Faults by Type



Building on Success

- Support your efforts on operating safe and healthy buildings.
- Investigate comfort concerns and use data loggers to identify root cause concerns.
- Develop an energy conservation culture to protect natural resources.
- Strategically plan for extended breaks to achieve greater savings.
- Communicate the energy program to your organization.
- Save to reinvest dollars to what matters most.



Thank You For Your Teamwork

*“If everyone is moving forward together,
then success takes care of itself.” — Henry Ford*

- **School Board** for proactively implementing our program
- **Community** for supporting our energy program
- **Maintenance Staff** for executing change
- **Custodians** for setting back each night
- **Employees** for reducing energy waste in your buildings
- **Leaders** for coordinating efforts in your organization

