Cenergistic®

ENERGY CONSERVATION PROGRAM BOARD UPDATE

School District Five of Lexington and Richland Counties

March 2018- January 2021



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

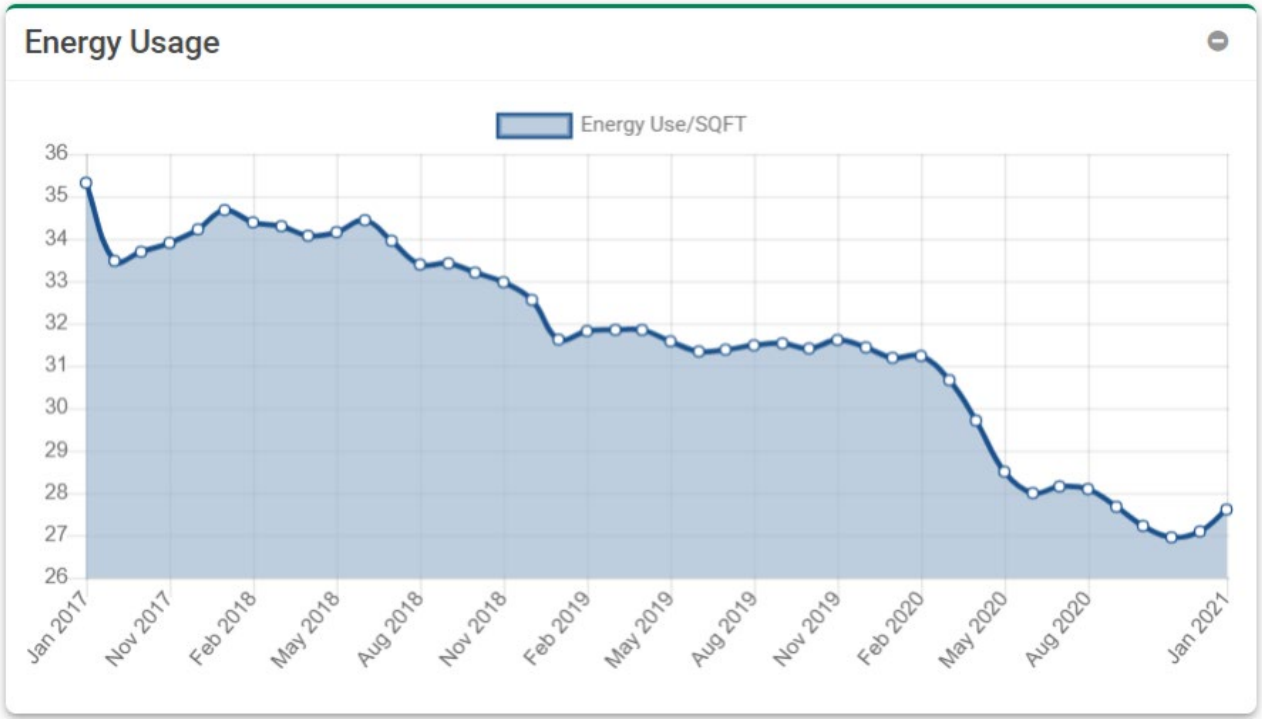
35
Months into
Energy Program

$2,144,713
Cumulative Cost
Avoidance

22%
Reduction in
Energy Use Intensity (EUI)

15%
Savings Percentage

ENERGY USE HISTORY



Energy Use Intensity has been reduced from 35.3 to 27.6 or 22% since the base year.

Regional average of our clients is currently 35.1 so SD5 is well below the regional average.

ENERGY SAVINGS

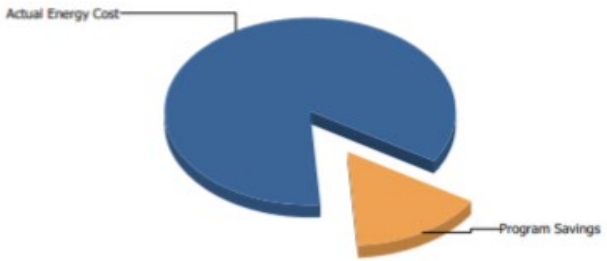
District Five of Lexington & Richland Counties
Lexington-Richland SD 5 - SC

Energy Conservation Program CAP - 19

Cumulative Cost Savings

January 2021

Expected Energy Cost	$14,417,740
Actual Energy Cost	$12,273,027
Program Savings	$2,144,713
Percent Savings	14.9%
Other Savings	$0
Total Savings	$2,144,713



Expected Energy Cost

Anticipated expense without energy management.

Base year usage after adjustments for such variables as changes in weather, equipment, schedules, occupancy and prices.

Actual Energy Cost

Actual utility costs for electricity, gas, water, sewer, etc. obtained directly from bills.

Other Savings

Additional documented savings attributable to Program activities but not the direct result of usage reductions, such as rebates, refunds, tariff changes, etc.

Program Savings

The difference between Expected and Actual Cost, calculated in accordance with the International Performance Measurement & Verification Protocol. Does not include savings attributable to reduced equipment maintenance and replacement costs and other collateral benefits. These savings can increase the program savings up to 20%.

A DAY IN THE LIFE OF AN ENERGY SPECIALIST

- Continual building presence with on-site audits focused on conservation and building/equipment health
- Train one-on-one with Cenergistic staff
- Visit with Cenergistic engineers and consultants
- Review of building automated system (BAS) and work with maintenance team
- Match conditioning times to occupied times
- Work with Operations to promote a safe and comfortable learning space
- Plan strategically for extended breaks
- Communicate to teachers and staff
- Promote an “energy conservation culture”

CONTINUING SUCCESS

- Develop an energy conservation culture to protect natural resources
- Ongoing strategic plans for extended breaks to achieve greater savings
- Continually communicate the program to your organization
- Reinvest dollars to what matters most
- Continue to apply for ENERGY STAR recognition

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

AWARD PRESENTATION

Cenergistic®

