



Platte County R-III School District

ENERGY EFFICIENCY PROGRAM
& OPTIMIZATION SERVICES



\$5,105,351
Invested in 2016



Projects Implemented

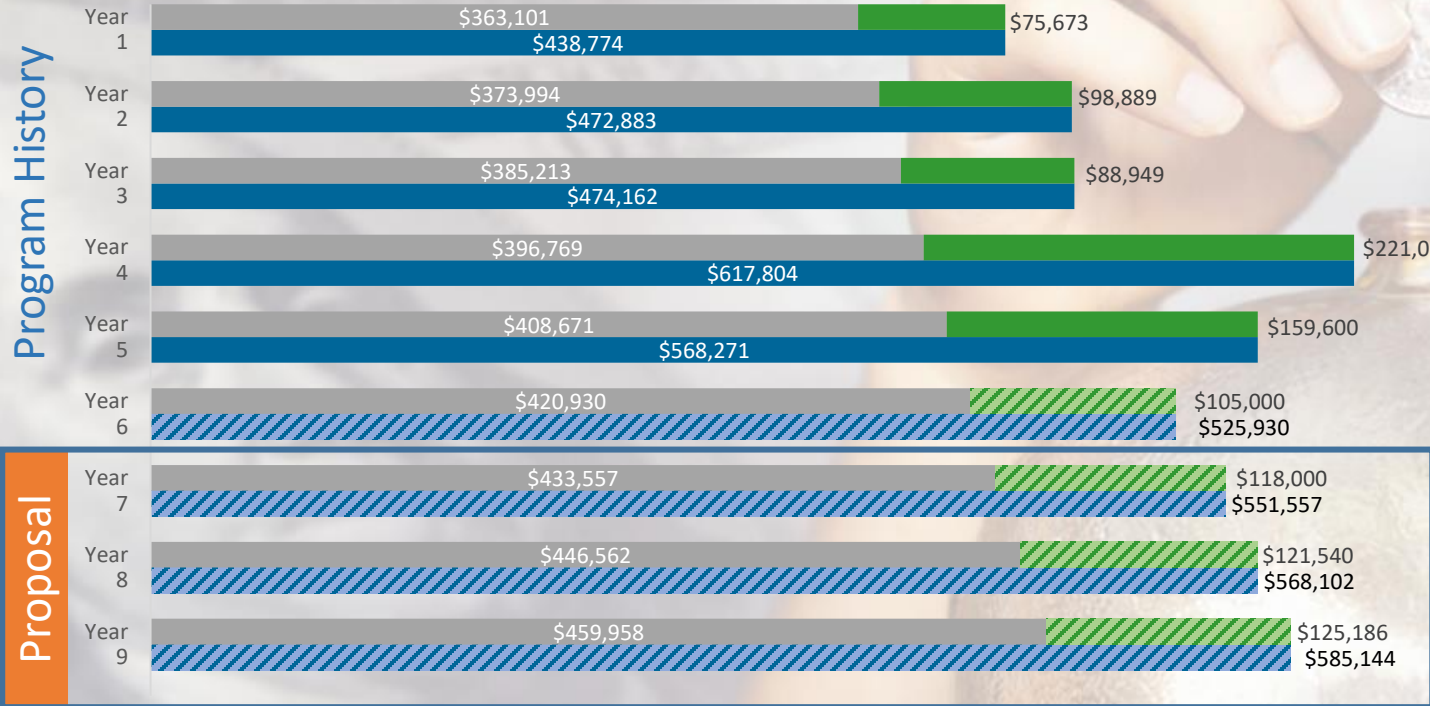
- Interior Lighting Upgrades
- Exterior Lighting Upgrades
- Replace HVAC Systems
- Implement DDC Temperature Controls
- Commissioning of Mechanical Systems
- Water Efficiency
- Weatherization
- Continued Systems Optimization





Navitas Optimization Services Program-to-Date Performance (\$)

■ Total Cost Avoidance ■ Projected Goal ■ Surplus



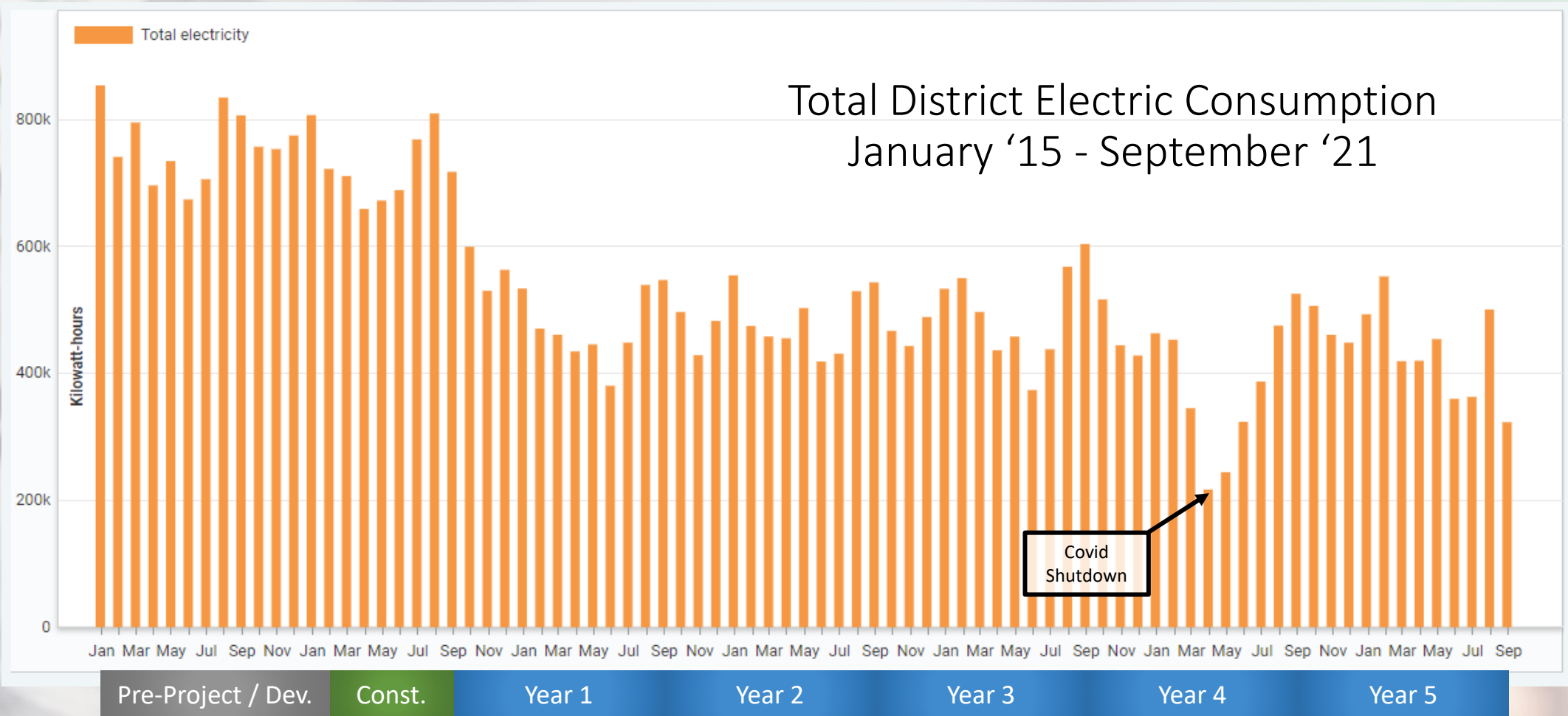
Program-to-Date

Total Cost Avoidance = \$2,571,894

Year 1-5 Surplus = \$644,146

*Achieved above goals



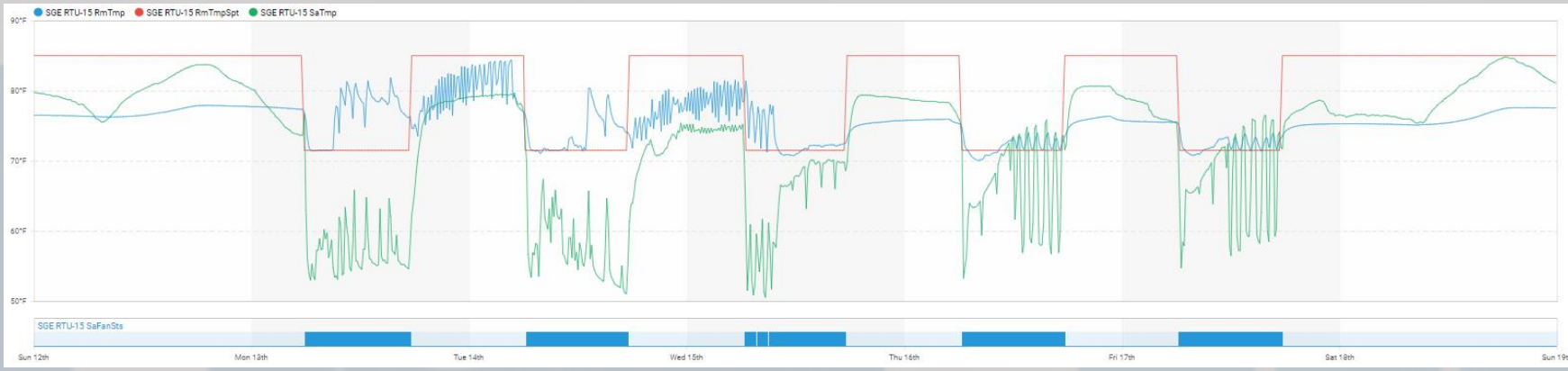




Siegrist Space Temps



Siegrist RTU15 Space Temp, Fan Status, Effective Set Point



Energy Awareness and Training



Before you leave for Spring Break, remember to . . .

- Shutdown all computers
- Turn off projectors & smart boards
- Unplug coffee pots & candles
- Turn off lights, lamps, fans, etc.
- Close & lock all windows

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Platte County
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Operations

The Operations Department oversees the management of facilities (maintenance, grounds, custodial services), energy management, food service, safety & security, transportation, and before and after school care. The Facilities & Operations team leads the Long Range Facility Planning process and Capital Improvement planning and implementation. The goals of the Facilities & Operations Strategic Plan are as follows:

- Ensure efficient operating and maintenance systems
- Develop visionary strategic facility planning and maintenance processes
- Refine comprehensive plan for growth management

Jay Harris
Executive Director of Operations
Email: [redacted]
816.858.5420
Fax: 816.858.5593

Please view our current bid opportunities, by visiting our [Current Requests for Proposals](#) page. To be added to our vendor's list, visit our [Vendor Registration](#) page.

Team Member	Primary Responsibilities
Jeff Smith Maintenance & Grounds Supervisor 816.858.5420 x. 2210 Email: [redacted]	<ul style="list-style-type: none"> Maintenance & Grounds team leadership and management Athletic event preparation and set-up Maintenance & Grounds upkeep Paint crew planning and management Preventative maintenance planning and implementation Work order management
Anthony McCall Custodial Supervisor 816.858.5420 x. 1325 Email: [redacted]	<ul style="list-style-type: none"> Custodial team leadership and management Building cleaning protocol Event coverage (custodial)
JT Thomas	

Why do I have a different thermostat?

Your thermostat has been replaced as part of an energy conservation and facility improvement project in the Platte County R-3 School District. This new thermostat will give you more local control of your room's temperature, while increasing energy efficiency.

What do I do if my room feels too warm or too cool?

You can raise/lower the temperature by using the temperature adjustment on the thermostat. This will allow you to adjust the temperature 2 degrees up or down from the district's set point temperature. After adjusting the temperature up/down, the new set point will flash several times, display the old set point, and then display the new set point. It may take up to 2 minutes for the new set point to display. Remember the current set point temperature will be displayed, not the actual room temperature.

Why does my room feel cooler (or warmer) in the evenings, on weekends, and on holidays?

The upgrade to the building's HVAC system provides more control over when the system is running. When the building is going to be unoccupied (usually during the evenings, overnight, on weekends, and on holidays), the temperature is set back to help reduce energy use.

Doesn't the HVAC system have to work harder to return to normal conditions after a night set back?

No, the HVAC system is designed to operate this way. We can save a lot of energy by using a scheduled temperature set back during unoccupied times such as in the evenings, on weekends, and over holidays.

If I'm using my room after hours, how do I make sure the room will be comfortable?

Push and hold the override button on the thermostat for 2 seconds, the light will come on indicating it has been put into occupied mode (for 2 hours). To cancel the override, push and hold the button until the light goes out. If you are still using the room after the override has timed out, push the button again. Understand the light will come on anytime the button is pushed, but will only effect the temperature during unoccupied hours.

What do I do if my system has quit working?

Contact the front office staff to submit a maintenance work order.

What if my room does not have a thermostat?

Occasionally two or three rooms share a thermostat. The thermostat that controls your room is probably in a room nearby.

1. Set Point Is
2. Temperature
3. Override But
4. Override Ind

GREAT JOB! THANKS!

for turning things off

ENERGY SAVING

Local Thermostat Control Across District - How-To Videos

Local thermostat control will soon be implemented across the District. This means you will now have ability to adjust your room's thermostat set point within a predetermined range of 70 to 74 degrees. See the thermostat training video links below. If your room does not have a thermostat, then it is most likely located in one of the rooms next to yours. If you have any questions, please contact our energy manager Devin Klish at klishd@platteco.k12.mo.us.

Thermostat Control Training Video

Override Button Training Video



You have done a great job of conserving your energy and financial resources



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