



## *Hernando County School District*

### **Customer Profile**

Hernando County Schools, located in West Central Florida, is comprised of seventeen schools serving a population of over 130,000 county residents.

### **Customer Issues**

- Aging infrastructure in majority of schools with no funding available for improvements.
- Inability to keep up with maintenance and service requests.
- Inefficient split systems and unitary equipment with extremely high maintenance required.
- Inefficient chillers and no redundancy.
- Constant volume chilled water pumping.
- Outdated building automation with no central command capability.

### **Project Objective**

Develop a creative funding approach to perform necessary HVAC infrastructure upgrades and replacements. Centralize operations and convert unitary equipment to chilled water systems. Provide standardized building automation systems with central command capability. Increase effectiveness of maintenance staff and provide training.

**Project Size** \$17,421,873

**Guaranteed Annual Savings** \$839,595

Projected energy savings and demand reduction:  
14,904,248 kWh, 22,977 kW, and 743 ccf natural gas.



### **Project Scope and Results**

- District wide lighting retrofits
- Energy Management System with central operational interface.
- Conversion of inefficient unitary equipment to Central chilled water plant at Springstead High School, Moton Elementary, and Deltona Elementary Schools.
- District wide preventative maintenance program.
- Service training and Energy Education.
- Re-commissioning of existing systems.
- Water Conservation

### **Contract Dates**

January 2001 – January, 2021

### **Contact:**

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