



\$634,939

in total savings over the
life of the contract*

Project Phases (start to completion)

- » **Phase 1**
Three K-12 buildings totaling
745,606 sq. ft.
- » **Phase 2**
11 buildings (5 schools)
- » **Phase 3**
Remodel of existing
elementary school

Strategic Building Upgrades Yield Big Savings for Texas School District

The Mount Pleasant Independent School District upgrades aging HVAC and lighting equipment

In a multi-phase project, Mount Pleasant ISD desired to upgrade outdated equipment and building infrastructure to meet budgetary restrictions and limit disturbances in the K-12 learning environment. Usource helped them plan and execute a path forward that could yield large savings while hitting District goals.

Challenge

The project began with a comprehensive feasibility study of existing equipment for nine K-12 schools, encompassing 20 buildings. Some of the HVAC systems were reaching the end of their life-cycle, however, school budgets were limited and no funds were available to replace these aging systems.

Solution

Usource designed and implemented a project that replaced aging equipment, improved the classroom environment and reduced the financial risk to Mount Pleasant Independent School District. The School District could save both energy and money while giving students and faculty brighter light levels, improved classroom comfort and increased security. Project design, analysis and construction was completed after hours and during semester breaks to limit disturbances in the classroom and downtime in critical areas.



*Savings may vary.

Result

After working with the School District on equipment upgrades, such as new cooling towers, the Usource team was able to lower the District's energy consumption and lower operations and maintenance costs. Over the life of the contract, the District could be able to save \$634,939.

Building upgrades included:

- » Building management system upgrade
- » High efficiency DX air conditioners
- » Lighting retrofit
- » Football field turf
- » Pumping upgrades
- » Solar PV
- » Roof replacement
- » Boilers and cooling towers



About Us

Usource is an unbiased, independent energy consulting firm for large businesses and organizations in the U.S. With a focus on market intelligence and comprehensive energy solutions that support a smart, forward-looking energy management strategy, Usource provides a comprehensive suite of energy consulting services to its clients.

Usource, a member of the NextEra Energy family of companies, serves as a trusted advisory group. With a firm commitment to objectivity, Usource leverages the vast resources and expertise of NextEra Energy, the world's largest producer of wind and solar energy, to offer customized energy consulting services to large commercial, industrial, institutional and governmental organizations. Clients can trust Usource to deliver tailored solutions and unparalleled support in their energy-related goals.



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