

Friday Night Lights Get Brighter, Days Get Cooler



Total Savings:

Over \$3.4MM

over the life of the 13-year contract

\$41,633

Exceeded Planned Savings
in just the first four years

Project Phases

PHASE 1

Seven facilities with more than 167,000 sq. ft.

Over 100 HVAC systems replaced in less than 60 days

PHASE 2

Three schools with facilities totaling more than 500,000 sq. ft.

Project Benefits

- ▶ Reduced operational energy and utility expenses
- ▶ Freed up capital for other critical improvements
- ▶ Decreased service and upkeep expenses
- ▶ Provides a safe and comfortable indoor environment

CHALLENGE

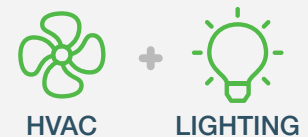
In the early 1900's, Pampa Independent School District was the sixth largest school district in Gray County. Over the span of a century, the school district became the heart and soul of the Pampa community. But despite their rich history, over time Pampa ISD felt the inevitable deterioration of infrastructure in their schools. Even with major construction projects and building additions throughout the decades, it was clear many key systems, such as the HVAC and football stadium lighting, were reaching the end of their life-cycle.

Having just undertaken major renovations and refurbishments to the high school in 2006, which included a new gym, library, cafeteria, commons area, administrative offices, and a new science wing, it was evident school budgets were limited. However, without upgrading the existing infrastructure throughout the schools, the District would not only lose optimal classroom comfort, conducive to a great learning environment, but continue to experience ever-increasing utility and maintenance costs.

ANALYSIS

Through a partnership with Gexa Energy Solutions, Pampa ISD was able to get a comprehensive audit of existing equipment for the entire school district. This consisted of seven school facilities, as well as the cornerstone of every Texas school district, the football field and track.

After thoughtful consideration, the District decided to implement cost-effective measures centered around HVAC and temperature control replacements. Lighting retrofits were also a focal point throughout the schools, including brand new stadium lighting.



RESULTS

Pampa ISD enacted a two-phase approach at the recommendation of the Gexa Energy Solutions team, and set a major precedence in the first phase. The first four facilities totaling more than 167,000 square feet had 100 HVAC systems replaced in less than 60 days. In addition to this, the football stadium lighting was replaced in record time. This allowed the fall semester and the football schedule to start on time and without disruption. The rooftop direct expansion (DX) units which were replaced, improved the classroom environment, and coupled with the new retrofit lighting both indoors and outdoors, brought about a whole new meaning to "Friday Night Lights" in Texas.