

Devine Independent School District Energy Efficiency Project

FACTS

LOCATION

Devine, Texas

PROJECT DATES

06/2009 – 04/2010

PROJECT SIZE

6 buildings, 329,287 sq. ft.

CONTRACT

Amount: \$1,100,000

Type: Guaranteed Savings/Lump Sum

TEAM

PROJECT DIRECTOR

Rich Oliver

SENIOR PM

Jeff Cooke, CEM

CONTACTS

OWNER

Devine Independent School District
Ms. Linda McAnelly
Superintendent
205 West College
Devine, TX 78016
830 663 3611



PROJECT DETAILS

Years of control and operational issues have caused the systems to reach a state of disrepair. This energy efficiency, conservation, and environmental comfort project was completed at Devine ISD High School, the Science Wing, Junior High, and several elementary schools. This project was partially funded by the State of Texas Energy Conservation Office LoanSTAR program.

The scope of work for this project included the following:

- a directed engineering study;
- lighting system upgrades;
- installing a new energy management system;
- heating and air conditioning upgrades;
- computer power management; and
- vending power management.

Results

All facility improvement measures are meeting their Guaranteed Energy Savings values. Devine ISD is on track to save an estimated 683,300 kWh of electricity and 103 kW demand. An annual savings of \$77,800 will result solely from energy savings. In addition to the calculated energy cost savings, the school district will also realize \$17,331 in operational savings, bringing the total annual savings to \$95,131. When fully integrated, the project will result in an estimated utility savings of \$77,358 and 966,975 kWh annually.