



**Project Cost**  
\$7,943,747

**Annual Project Savings**  
\$217,727



**Utility Conservation Measures**

- Improvements to Aeration Basin & Aerobic Digester including new fine bubble diffusion grids
- Replacement of 750 hp of blowers and 400 hp of pumps
- Replacement of 3 old switchgear/MCC's with Square D switchgear
- HVAC Replacements
- Lighting Retrofit
- Energy Management System



## City of Denison Denison, TX

### Comprehensive Utility Conservation Project

The City of Denison was in need of major upgrades to their water / wastewater treatment facilities as well as to various city buildings. Most of their equipment was far beyond the expected equipment life cycle, and the City needed a way to make the improvements without funding the upgrades entirely from their capital improvements budget. In addition, most equipment (particularly the wastewater treatment plant) was running 24/7 and had become a burden to the City's utility budget.

Schneider Electric's project development and engineering team worked with the City's preferred water / wastewater consulting engineer to design the upgrades for the City. Some of the infrastructure improvements needed to upgrade the plant were not energy savings measures. However, the performance contract model and guaranteed savings provided a way to pay for approximately half of the improvements while ensuring that the major plant upgrades will be efficient and sustainable.