

Dallas County, Texas



Project at a Glance

Project Location:

Dallas, TX

Project Cost:

\$83M+ in multiple phases

Annual Savings:

\$4.5M via multiple phases

Scope of Work:

- Lighting and Lighting Control Upgrades
- Plumbing Improvements (including prison toilet, sink, shower controls)
- Mechanical Upgrades and Replacements
 - Chillers
 - Air Handlers
 - Boilers
 - DX Rooftop and Split Systems
- Electrical Infrastructure Upgrades
 - Distribution Panels
 - Transformers
 - Automatic Transfer Switches
- Refrigeration Upgrades
- Controls Upgrades and additions
- Diesel generator installation

Role of the Responder:

Energy Services Company

Construction Dates:

Multiple (2011 – ongoing)

Project Term:

20 Years

Project Beginning and End dates:

2011 – 2035



Project Description

Dallas County and Schneider Electric partnered to implement a countywide energy efficient project which will generate over \$90M in savings over 20 years, enough to fund 100% of the project and put money back into the County's budget at no cost to taxpayers. This project will also reduce utility costs by 31% which is equivalent to removing over 500,000 tons of carbon dioxide from the atmosphere or removing 85,000 cars from the roads or planting 125,000 acres of new trees. This program garnered nearly \$500,000 in total collective utility rebates from utility companies and tax credits.

Phase 1A addressed critical controls needs at Frank Crowley Courts for \$3.5M. Phase 1B provided efficiency upgrades to the downtown complex for \$11.3M. Phase 2 provided \$22M in efficiency and infrastructure upgrades to the Lew Sterrett Jail Complex. Phase 3 provided \$7.3M in upgrades to the Health and Human Services complex and Henry Wade Juvenile Justice Complex. Phase 4 upgraded smaller buildings within the County for \$7M.

Phase 2C is underway at present in the Lew Sterrett Jail, providing \$18.2M in electrical infrastructure (panels, transformers, diesel generator), refrigeration upgrades, and HVAC upgrades.

The entire project total with all combined projects is over \$83M.



“Since we are trading the money that we are spending on utilities to complete the work, our citizens are not burdened with a tax increase.”

– Judge Clay Jenkins, Dallas County Judge