

City of Sugar Land, Texas

Energy Savings Performance Contract

FACTS

LOCATION

Sugar Land, Texas

PROJECT DATES

10/2009 - 06/2011

PROJECT SIZE

Buildings: 10

CONTRACT

Amount: \$780,400

Type: Completely funded with
EECBG Grants

TEAM

PROJECT DIRECTOR

Roger Larson, PE, LEED® AP

ACCOUNT MANAGER

Rich Oliver

PROJECT MANAGER

George Melancon

ENERGY ENGINEER

Ezra Purdy

CONSTRUCTION MANAGER

David White

CONTACTS

PROGRAM MANAGER

Mr. Michael Leech
Assistant Public Works Director
Sugar Land, Texas
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PROJECT DETAILS

Located 20 miles southwest of downtown Houston, Sugar Land is a vibrant community home to approximately 85,000 residents. They selected McKinstry to perform energy performance contracting including a technical energy audit resulting in the implementation of 18 energy efficiency and conservation projects to improve staff and visitor comfort levels as well as to save taxpayer dollars.

Funded entirely through ARRA EECBGs, 18 facility improvement measures (FIMs) will be installed at various facilities throughout the City of Sugar Land, including:

- Lighting Improvements (Interior & Exterior)
- Energy Management Control System Improvements

McKinstry served as the as the city's project manager, construction manager, and provided grant administration and reporting services for this project.

The improvements are estimated to produce \$64,102 in annual utility savings to the City of Sugar Land. The projects reduce CO₂ emissions by approximately 1,063,861 pounds annually and equates to planting 132 acres of trees annually.