

CITY OF CEDAR HILL, TEXAS

Energy Management Master Plan

DATES

12/2009 - 6/2010

PROJECT SERVICES

- Strategic Energy Planning
- Baseline Energy Inventory
- Return on Investment Analysis
- Funding Action Planning
- Coordination with TOD Plan



In 2009 the City of Cedar Hill was allocated \$176,600 from the Department of Energy under the Energy Efficiency and Conservation Block Grant (EECBG) Program. Carbon Solutions America (CSA) won the competitive bid process to develop and vision the City's energy master plan, and create and energy use and greenhouse gas emissions inventory.

CSA started the process by conducting a thorough energy use and greenhouse gas emissions inventory for all City operations. This was then ranked by largest consumers of energy. Building performance data was entered into the EPA's Energy Star Portfolio Manager to benchmark various facilities and to determine their current efficiency. From this information CSA identified specific areas where the City could improve upon its energy and fuel consumption prioritized based on return on investment.

CSA also worked with the City and their engineers to incorporate energy elements into the City's proposed Transit Oriented Development Plan (TOD).