

Project Cost

Phase I - \$9,664,360

Phase II - \$23,148,172

Annual Project Savings

Phase I - \$719,513

Phase II - \$1,798,904

Project Duration

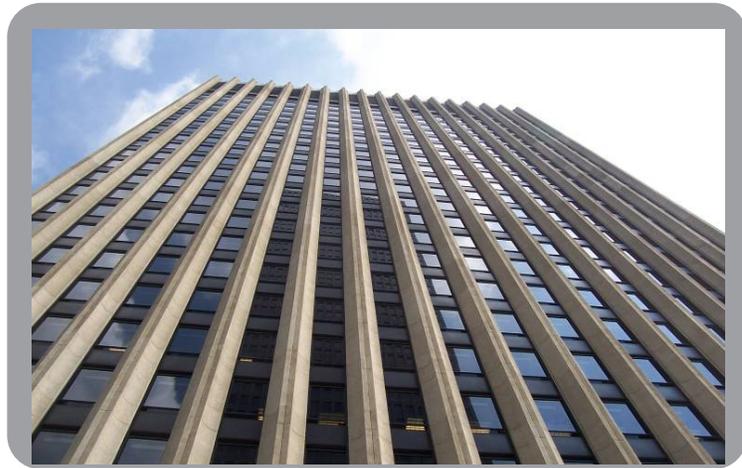
Phase I Start April 2009

Phase II End August 2012



Utility Conservation Measures

- Central plant redesign and replacements in 7 buildings
- EMS upgrades
- System recommissioning
- HVAC replacements/upgrades
- AHU Variable Volume upgrades
- Water conservation
- Lighting retrofits
- Motion Sensor Installation
- IT Computer Room HVAC



City of Houston Houston, TX

Comprehensive Utility Conservation Project

As a participant in the Clinton Climate Initiative Building Retrofit Program the City of Houston selected 271 buildings, containing 11 million square feet, in a variety of ages, sizes and configurations – from high-rise offices to single story structures – that are candidates for performance contracting. For the first phase, the city of Houston selected Schneider Electric to perform work on seven municipal buildings containing 1.2 million square feet.

For the second phase the city of Houston launched an ambitious \$23 million project with Schneider Electric designed to improve energy efficiency, operations and comfort in 19 city facilities.

In this phase, Schneider Electric is implementing numerous energy conservation measures (ECMs) in facilities that include Houston's City Hall Building, Municipal Courts, Police Headquarters and Academy, water purification plant, and two branch libraries, measuring 1,649,000 square feet in total. These include central plant improvements, adding or updating building management systems, installing cutting edge HVAC equipment, retrofitting existing lighting fixtures to new, efficient fixtures, adding lighting controls, and installing new, water-saving plumbing fixtures.

"The City of Houston conducted a thorough search to find an ESCO that shared our objectives to find proactive solutions, use state-of-the-art equipment, and emphasize renewable energy sources and sustainability."

General Services Director
City of Houston

¹ The Clinton Climate Initiative (CCI) was created to advance solutions to the issues driving climate change. The CCI Building Retrofit program brings together many of the world's largest cities, energy service firms and financial institutions in a landmark effort to reduce energy consumption in existing building.