

University of Houston

Agenda Documentation

CENTRAL UTILITIES PLANT EXPANSION

This project is critical for Tier One and Campus expansion and has a number of goals:

1. Existing equipment in the Central Plant is past its manufacturer recommended life, is increasingly expensive to maintain and repair and must be replaced.
2. The current equipment is older and therefore, the central plant is energy inefficient and not as clean as new state of the art technology—a major problem in an air quality non attainment zone like Houston. The Federal Government and EPA have mandated that we replace existing equipment with new lower polluting equipment as part of the mandates to force Houston to meet clean air requirements.
3. The increased energy efficiency that will be realized by the installing the new equipment, we will reduce energy usage by 3-4% resulting in significant savings for the university. Additionally, we will reduce the University's carbon footprint dramatically.
4. The expanded central plant will increase the University's utility capacity to serve the future buildings needed to support the Framework Plan and house Tier One Research: increased on campus housing, additional instructional, and student support space.

Project Budget:

Demolition Costs	\$	2,750,000
Construction Cost	\$	3,700,000
Fixed Equipment	\$	28,000,000
Furniture And Movable Equipment	\$	15,000
Contingency	\$	6,800,000
Professional Service Fees	\$	3,436,000
Public Art	\$	480,000
Total Project Budget	\$	45,181,000

April 15, 2009