

South Thermal Energy Plant/South Parking Garage (TEPII)**Summary:**

This project provides a 2nd thermal energy plant and 2nd parking garage for the UTSA Main Campus. The thermal energy plant is designed for future expansion to add additional capacity as the central campus is fully built out. The plant includes (1) 1250-ton chiller, (1) 1630-ton chiller, an 800-horsepower hot water boiler and a 1500-KW standby generator with allowances for (4) additional chillers and (2) additional boilers to be installed in the future as additional load growth occurs. The 4-story parking garage accommodates approximately 481 parking spaces and will include two elevators, elevator lobby and support spaces.

Spaces Provided:

Rooms for: chillers, boilers, electrical, water treatment chemical storage, fire pump, telecom, security, emergency generator, emergency electrical; (2) fire stairs; parking for 481 vehicles.

Location:

Center of UTSA 1604 campus, adjacent to Science Building, Biosciences Building and Parking Lot 6

Size of Project:

197,688 Total SF (Thermal Plant – 17,755 SF; Parking Garage – 179,933 SF)

Notice to Proceed:

August 9, 2006

Final Completion:

March 27, 2008

Total Project Cost:

\$30,025,000 (Thermal Plant - \$18,702,936; Parking Garage - \$11,322,064)

Cost/SF:

Thermal Plant - \$1,053/SF; Parking Garage - \$63/SF

Architect:

Ford Powell Carson, San Antonio, TX

Engineer:

Shah Smith & Associates, Houston, TX

Gen. Contractor:

Vaughn Construction, San Antonio, TX