The staff at American Heat and Power represents many years of experience in energy-related projects. Its engineering and technical personnel have an average of 30 years of experience per person in thermal energy plants, waste heat recovery, cogeneration, biomass-to-energy, waste gas-to-energy and energy consulting. The project experience shown was gained both while employed with AHP and with former employers.

Central Plants

Reliant Park Central Plant
Houston, Texas

The plant provides chilled water and heating hot water to Reliant Stadium, Reliant Center and the Astrodome. Capacity is 19,000 tons of cooling and 170 million Btuh of heating with growth capability to 32,000 tons and 220 million Btuh.

Texas A&M University Thermal Energy Plant
College Station, Texas

Recent projects include replacement of a boiler, four chillers and cooling and heating auxiliaries. A new heat balance was performed to allow optimization of utility purchases.

University of Colorado Health Science Center Central Plant
Aurora, Colorado

A new cooling and heating plant was provided to serve this new campus created when Fitzsimons Army Medical Center was closed as an Army facility.

Rice University South Plant
Houston, Texas

A second central plant is being added to serve one million square feet of new buildings on the south side of the Rice campus. The plant is designed to provide cooling, heating and electrical power.

Harris County Thermal Energy Plant
Houston, Texas

A new plant was created to serve ten County buildings in downtown Houston. A control system was added to monitor and control the plant and building systems from the plant control room.

Lamar University Central Chilled Water System
Beaumont, Texas

Two existing plants were upgraded with new chillers and a third plant eliminated in this major upgrade of Lamar's chilled water system resulting in significant improvements in reliability and efficiency.

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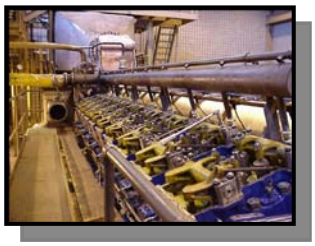
Sul Ross State University
Alpine, Texas

Campus building additions and renovations required replacement of chillers, pumps and cooling towers in the existing central plant. Variable frequency drives were added for improved efficiency.

Texas State University Central Plants
San Marcos, Texas

Projects have included utility master planning, transition from many individual building cooling and heating plants to new three central plants including a new stat-of-the-art cogeneration, cooling and heating plant.



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