Rapid amortization

THE ENERGY-SAVING PROJECT OF TEXAS WESLEYAN UNIVERSITY INCLUDES A 2G ENERGY'S AVUS 800C

The CHP system which supplies 80 % of power to 80 % of campus, reduces both, the university's dependency of the public power grid as well as the energy expenses per year and therefore pays off in no time.

Texas Wesleyan University launched a $6.2 Million energy-saving project in 2015. The centerpiece of this project is 2G Energy's avus 800, a CHP that provides power to much of the campus spanning 83 acres.

The natural gas-powered CHP plant supplies 80% of power to 80% of campus, while reducing the university's dependency on the public power grid. The new power plant also includes a 250-ton absorption chiller, new cooling tower, new heating boilers, pumping systems and central plant optimization controls.

The project, which was self-funded, will pay
for itself in cost savings quickly. The power system is expected to save $377,000 and 5.9 million kilowatt-hours per year.

Texas Wesleyan University
https://txwes.edu/

avus 800c
Natural gas
800 kW electric
861 kW thermal