



TEI



SUCCESS STORIES DUKE ENERGY

GIBSON U3

LOCATION U.S.A.
CUSTOMER DUKE ENERGY

PROJECT OVERVIEW

- + Equipment: Feedwater Heater
- + Quantity: 2
- + Heater No.: HP - G1/G2



PERFORMANCE RESULTS

These heaters were shipped to the site in December 2014.
The performance results are not available.

Feedwater Flow	lb/hr
Feedwater Inlet Temperature	°F
Feedwater Outlet Temperature	°F
Terminal Temp. Difference TTD	°F
Drain Cooling Approach DCA	°F
Tubeside Pressure Drop	psi

DESIGN FACTORS

Shell Side/Tube Side Design Pressure	1250/4750 psi
Shell/Skirt Design Temperature	600/660°F
Tuybe Design Temperature	610°F
Feedwater Flow	2294000 lb/hr
Feedwater Inlet Temperature	440.9°F
Feedwater Outlet Temperature	500.1°F
Inlet Steam Saturation Temperature	500.1°F
Terminal Temp. Difference TTD	0°F
Drain Cooling Approach DCA	10°F
Tubeside Pressure Drop	11 psi

