



TEI



SUCCESS STORIES SCANA, UNITED STATES

WATEREE U1

LOCATION U.S.A.

PROJECT OVERVIEW

- + Equipment: Feedwater Heater
- + Quantity: 1
- + Heater No.: HP 1



PERFORMANCE RESULTS

This heater is under fabrication in our shop. 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	1250/5000 psi
Shell/Skirt Design Temperature	580/730°F
Tube Side Design Temperature	615°F
Feedwater Flow	2845926 lb/hr
Feedwater Inlet Temperature	495.1°F
Feedwater Outlet Temperature	553.3°F
Inlet Steam Saturation Temperature	550.3°F
Terminal Temp. Difference TTD	-3°F
Drain Cooling Approach DCA	10°F
Tubeside Pressure Drop	13.4 psi

