



SUCCESS STORIES

TURNKEY DUCTWORK LINER REPAIR: TEXAS

30 YEAR OLD ECONOTHERM HRSGs

LOCATION GOLDSBORO, NC, U.S.A.
CAPACITY 965 MW OUTPUT
START-UP 2011

PROJECT OVERVIEW

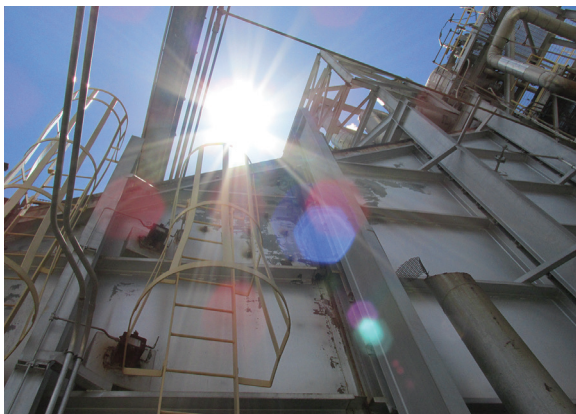
HRSG

- + No. of Units: 4
- + Type: 30 year old Econotherm HRSGs behind GE 7EA turbines; each HRSG two wide pant leg design

With considerable failures throughout the inlet duct liners and casing, duct leg split, and expansion joints at every box separation, TEiC took the lead and Vogt Power International supplied the engineering and materials for a total Turnkey project value of approximately \$4M in Pasadena, TX.

CUSTOMER PROBLEM

Repair and install new liners, insulation, burner viewports and expansion joints through each unit during turbine major outage during four outages spanning two years.



VOGT POWER SOLUTION

Re-engineer and supply new inlet duct layout (studs, insulation, precut liners), new burner viewports, and new expansion joints. Teaming with sister company, TEiC, to perform construction.

PERFORMANCE MEASUREMENTS

Material supplied and installed in the outage window without interfering with GE major turbine outage work eliminating hot spots and safety concerns.

