



SUCCESS STORIES

TURNKEY HP ECONOMIZER REPLACEMENT

NATURAL CIRCULATION, HORIZONTAL FLOW UNIT

ORIGINALLY SUPPLIED BY ANOTHER OEM

LOCATION TEXAS

PROJECT OVERVIEW

HRSO

No. of Units: 2

Type: Natural Circulation, horizontal flow unit originally supplied by another OEM

VOGT POWER SOLUTION

- + Redesign of modules resulting in an increase in high pressure steam production
- + Modification of module design to address tube failures that occurred in the original economizer
- + Use of straight-tube design to eliminate susceptibility to flow accelerated corrosion (FAC)
- + One source for engineering, fabrication, construction and supervisory services

PERFORMANCE RESULTS

- + Increase in high pressure steam production
- + Modified module design to address previous tube failures
- + Retrofit of an HRSO that was originally designed by another OEM



AFTERMARKET PRODUCTS

- + HRSO spare parts
- + Access doors
- + Complete modules
- + Bare and finned tubes
- + Headers
- + Steam drums
- + Heat exchangers
- + Valves/instruments
- + Control systems
- + Diverter valves/dampers
- + Burner management systems
- + Environmental controls (CO/NO_x systems)
- + Freeze protection
- + Inspection services
- + Computational Fluid Dynamics (CFD) analysis capabilities
- + Performance testing
- + Casing seals
- + Casing and insulation
- + Expansion joints
- + Pressure vessels
- + Feedwater heaters
- + Rolled cylinders
- + Deaerators
- + Stacks
- + Return On Investment (ROI) analysis
- + Thermal studies
- + Pipe stress

