

POWER SUCCESS STORY



Turnkey Economizer Header Replacement Project: Maine

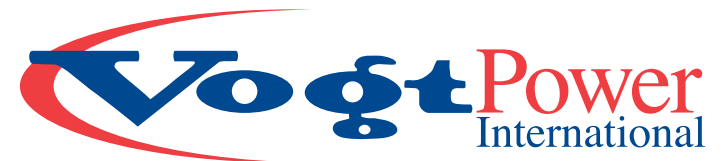
Tailored header design for trouble-free construction

Eliminated originally designed tube bends

State of the art construction procedure

Returning energy and efficiency to your power investments.

AFTERMARKET SERVICES



A Babcock Power Inc. Company

TURNKEY ECONOMIZER HEADER REPLACEMENT PROJECT: MAINE

HRSG TYPE:

Three, 3 pressure level, natural circulation, horizontal flow units supplied by another OEM

SCOPE:

- Retrofit three (3) HRSGs in order to eliminate cracking problems in the upper sections of the tube bends
- Required modifications of existing support system and HRSG casing

METHOD:

1. Pre-fabricated the replacement headers with tube stubs.
2. Installed a temporary module support system.
3. Dismantled the existing support system.
4. Removed original headers with tube bends.
5. Field cut and beveled the header tube stubs.
6. Modified the original support system to handle the new header location. Installed new headers directly on top of the last tube rows in order to eliminate the bends.
7. Re-installed the interconnecting piping, roof casing, internal insulation and sealing systems.

VOGT POWER ADVANTAGES:

- Executed permanent and most viable solution based on original and current operating conditions supplied by the customer.
- Eliminated originally-designed tube bends with a straight tube-to-header design.
- Supplied engineering, material, construction and supervision services.
- State of the art construction procedure to expedite the construction time.

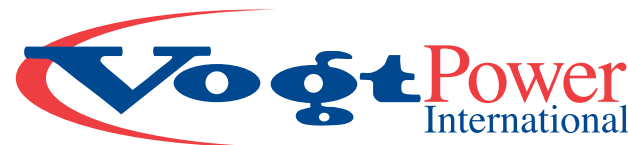
Get dedicated, fast Aftermarket Service from the company that supplies more HRSGs than any other manufacturer in the world.

AFTERMARKET PRODUCTS:

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

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