



## Turnkey Economizer Header Replacement Project: Maine

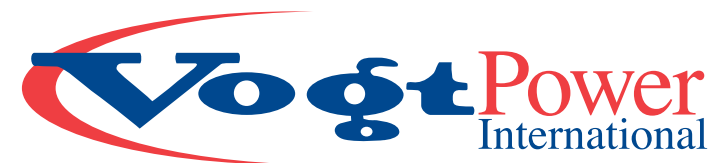
Tailored header design for trouble-free construction

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.

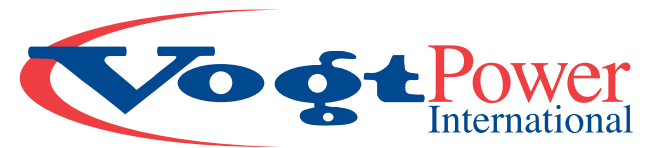
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- Access doors
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- Bare and finned tubes and headers
- Steam drums
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