



Capital Project C/10939

Unit 1 Reheat Outlet Bank Replacement

Gerald Gentleman Station (GGS)

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NPPD Board of Directors Meeting &
Operations Committee
January 2025

Art Wiese, Vice President Energy Production



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Background

Based upon the current metallurgical condition, the GGS Unit 1 Boiler Reheat Outlet bank pendants must be replaced to maintain unit reliability.

This was an approved project in the 2025 budget. With funding available in the 2024 budget, and because additional funding is needed, we are proposing this to be moved to a 2024 project and are requesting Board approval.

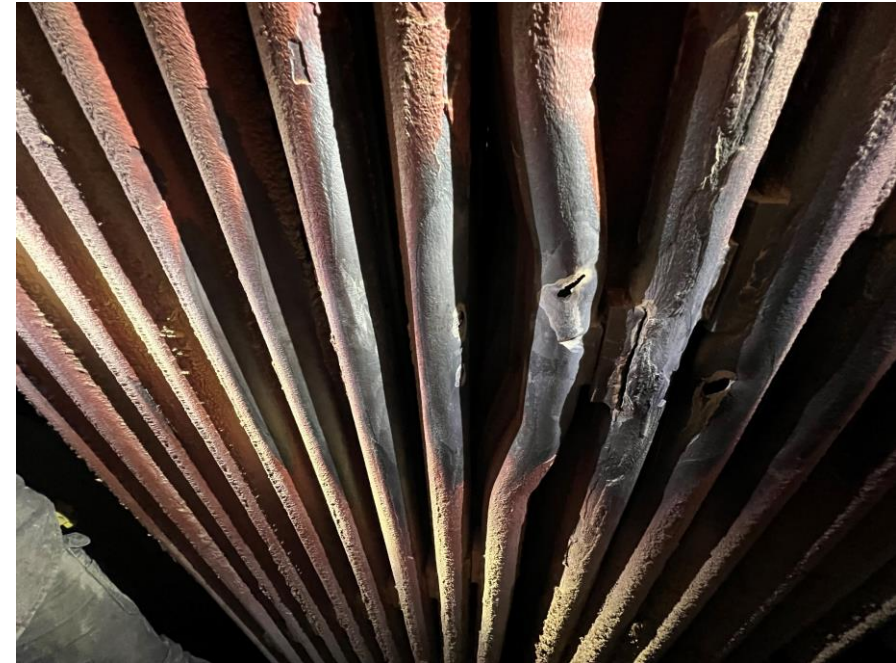
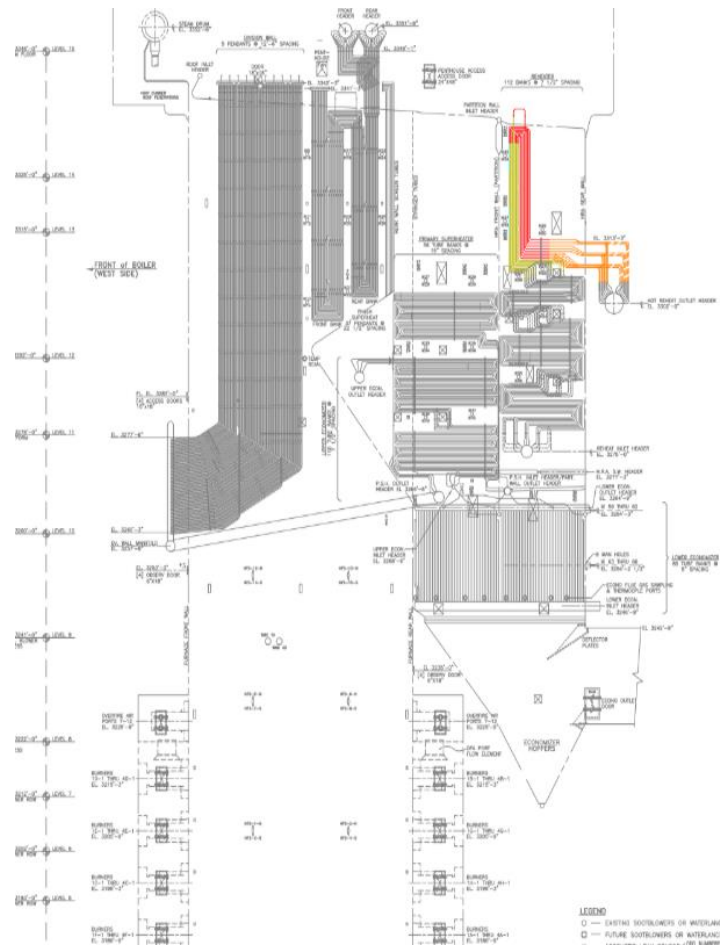
Project Scope

Remove and replace all 112 pendants in the Unit 1 Reheat Outlet bank, with the breakdown being:

- Pendant Shop fabrication and delivery to the site
- Demolition and removal of existing pendants
- Installation of new pendants
- Material rigging and movement, including associated engineering designs
- Insulation and lagging removal and installation
- Scaffolding erection and removal
- NPPD staff oversight, plus overheads

Scope

Boiler Side View



Reheat Tubes Inside Boiler

Project Estimate

Expense Description	Amount
Employee Expenses (Travel, Meals, Lodging, etc.)	\$10,000
Outside Services (Contractors, Consultants, etc.)	\$8,481,000
Materials & Supplies including Taxes (5.5%)	\$10,776,000
District Labor	\$507,000
Contingency (7%)	\$1,368,000
A&Gs (26%)	\$132,000
IDC (4%)	\$851,000
Total Project Cost Estimate	\$22,125,000

A&G – Administrative & General
IDC – Interest During Construction

Recommendation

Approve Capital Project C/10939, GGS Unit 1 Reheat Outlet Bank Replacement Unit, in the amount of \$22,125,000.



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Questions

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