

NOVA SCOTIA ENERGY BOARD

IN THE MATTER OF: THE PUBLIC UTILITIES ACT

- and -

IN THE MATTER OF: AN APPLICATION by NOVA SCOTIA POWER INCORPORATED
for Approval of CI C0067906 – POA Boiler Refurbishment 2025 –
\$1,218,254

NON-CONFIDENTIAL INFORMATION REQUESTS

To: **Lana Myatt**
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By email: Lana.Myatt@nspower.ca

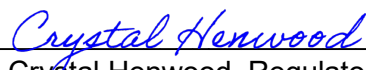
From: Board Staff
Nova Scotia Energy Board

Responses Due: **Friday, August 22, 2025**

Copies: 1electronic copy (PDF searchable)

Contact Person: **Chris Jiang, P.Eng.**
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Issued at Halifax, Nova Scotia, this 31st day of July, 2025.



Crystal Henwood, Regulatory Affairs Officer/Clerk

Request IR-1:

Reference to Page 1 of 6, NS Power notes: "Pursuant to Section 11.2 of the CEJC, related CIs for Steam projects include "work completed on the same asset (turbine, boiler, etc.) and on the same unit (Lingan Unit #3, for example)":

- 2023 – C0052294 POA - Boiler Refurbishment 2023 - \$943,103
- 2023 – C0052275 POA Boiler Arrowhead Replacements 2023 - \$273,644
- 2023 – C0052302 POA SH1 Refurbishment 2023 - \$405,836
- 2023 – C0055601 POA Waterwall Panel Replacement - \$48,639
- 2023 – C0056864 POA UU Left wall Tube Replacement - \$354,461
- 2024 – C0060250 POA Boiler Refurbishment 2024 - \$1,121,251
- 2024 – C0060246 POA Boiler Arrowhead Replacements 2024 - \$273,624
- 2024 – C0052438 POA BA Center Drain Valve Replacements 2024 - \$118,768
- 2024 – C0071229 POA UU RH1 Refurbishment - \$893,600
- 2025 – C0067947 POA SH3 Refurbishment 2025 - \$659,405
- 2025 – C0067951 POA SH1 Refurbishment 2025 - \$518,000
- 2025 – C0068028 POA Arrowhead Refurbishment 2025
- 2025 – C0068029 POA SUB Upgrades - \$254,321
- 2025 – C0074768 POA UU RH1 Refurbishment - \$238,855
- 2026 – TBD POA Boiler Refurbishment 2026 - \$TBD
- 2026 – TBD POA Arrowhead Refurbishment 2026 - \$TBD
- 2026 – TBD POA Boiler Refractory Replacement 2026 - \$TBD
- 2027 – TBD POA Boiler Refractory Replacement 2027 - \$TBD"

a) Please clarify the rationale for separating boiler-related work into multiple projects within the same execution year.

b) Please confirm whether above 2025 CIs are for separate work NOT included in the present application (CI C0067906).

- i. If the above CIs are for separate work, why were they not included for approval in the current application?
- ii. Please provide the anticipated start date and completion date for each of the 2025 CIs.
- iii. Regardless of the response to the proceeding IR-1 b) ii., does NS Power intend to apply to the Board for approval of the above 2025 CIs collectively, since they relate to the same asset? If not, why not?

- iv. Reference to project 2025 – C0068028 POA Arrowhead Refurbishment 2025
 - a. Please provide the cost estimate and work scope for this project.
- c) Please explain why the boiler refractory projects are not included in the list above and have been separated from other boiler refurbishment projects.
- d) Please submit detailed project scopes for projects in the list above that clearly outline:
 - i. The work completed for each past project;
 - ii. The planned scope of work for each upcoming or future project; and
 - iii. The comprehensive cost estimate or detailed expense breakdown or estimate for each project.
- e) Reference to 2024 – C0060250 POA Boiler Refurbishment 2024 project - \$1,121,251 and 2023 – C0052294 POA - Boiler Refurbishment 2023 - \$943,103:
 - i. Were both refurbishment projects executed by NS Power?
 - ii. If the projects have been completed, please provide the final scope of work and outcomes.
 - iii. If either project remains incomplete, please explain the reasons for the delay or cancellation.

Request IR-2:

Reference to page 1 of 6, NS Power notes “The scope of work includes the refurbishment and replacement of boiler and air heater components critical to environmental compliance and the safe, reliable, and efficient operation of the system. This includes tubing, headers, casing, ducting, insulation, cladding, tube shields, and other miscellaneous components identified as deficient. The final scope of this project will be determined through the annual boiler condition data collection and analysis.”

- a) Please provide the analysis report and supporting data related to this project.
- b) Please explain whether any remedial work has been undertaken to address the identified issue.
- c) If work has been completed, please provide a detailed scope of the project, including the nature and extent of the work performed and project financial statements.
- d) If no work has been completed to date, please explain how the project budget estimate was developed. Specifically, describe the process, assumptions, and methodology used to determine the estimate, and provide an explanation for the proposed cost variances.

Request IR-3:

When was the most recent refurbishment of the same boiler components carried out?

- a) Please provide detailed information on the scope of work completed during that refurbishment.
- b) Please include the financial details associated with the project, including total costs and any relevant breakdowns.
- c) What was the expected service life or operational lifespan of the components following the refurbishment?

Request IR-4:

What is the estimated extension in service life, expressed in operating hours, that is expected from the proposed boiler refurbishment?

Request IR-5:

Reference to 2025 10-Year System Outlook (M12386), page 17 of 64 (Figure 7), NS Power notes that Point Aconi will be retired on 2029/2030.

- a) How does the proposed boiler refurbishment align with NS Power's goal of achieving 80% renewable energy generation by 2030?
- b) Please explain NS Power's routine maintenance plans, strategies and procedures for overall operation of the Point Aconi Generating Station.
- c) Does/did NS Power intend to adjust its maintenance strategies in light of the planned retirement?
- d) If so, please outline the revised maintenance strategies and provide a detailed plan covering the period from 2025 to 2030.
- e) If not, please explain the reasoning for maintaining the current maintenance approach.