

September 23, 2026

lane.myatt@nspower.ca

Lana Myatt
Manager, Regulatory Capital
Nova Scotia Power Incorporated
P.O. Box 910
Halifax, NS B3J 2W5

Dear Ms. Myatt:

M12962 – Nova Scotia Power Incorporated – CI C0068659 – TRE5 IP-LP Turbine Refurbishment – \$2,963,160 (ATO)

On July 13, 2026, Nova Scotia Power Incorporated (NS Power) filed a request with the Nova Scotia Energy Board (Board) for Approval to Overspend (ATO) Item: TRE5 IP-LP Turbine Refurbishment.

The estimated project cost is \$2,963,160, representing an increase of \$1,680.490 from the 2025 Annual Capital Expenditure (ACE) Plan budget of \$1,282,670.

The cost increase is primarily attributable to additional inspection and refurbishment work required to address defects related to the Intermediate Pressure (IP) spindle and blades, the impulse row shroud band retaining rivets, and the bearing babbitt material.

In the “Why do this project now?” section of the application, NS Power explained that Trenton Unit 5 has exceeded NS Power’s maintenance strategy interval of 50,000 hours since the last maintenance outage in 2012. Due to concerns about potential cracking in the turbine and related rotating components of these turbine sections, which could affect reliability and operational safety of the Unit 5 turbine, NS Power decided to perform the project during the 2025 annual outage period.

Board staff issued Information Requests (IRs) to NS Power on August 26, 2026, and NS Power provided its responses on September 17, 2026.

In response to IR-1, NS Power stated that the original project scope was developed based on NS Power’s and its contractor Siemens’ past turbine experience, the unit’s operating hours and cycles, and unit condition monitoring data. However, the exact scope of work could not be determined until the unit was disassembled and inspected during the maintenance outage.

In response to IR-2, NS Power indicated that Trenton Unit 5 is not expected to retire before winter 2029/2030. NS Power relied on the Nova Scotia Independent Energy System Operator’s (IESO Nova Scotia) 2026 10-Year System Outlook Report, which indicates that the unit is required to maintain an adequate Planning Reserve Margin. NS Power also stated

that the specific retirement date will depend on the completion of new fast-acting generation units.

In response to IR-6, NS Power stated that Trenton Unit 5 produced approximately 421 GWh of energy in 2025 and that production is expected to decrease over time as the additional renewable resources displace coal-fired generation. However, the unit is estimated to continue generating approximately 230.8 GWh of energy in 2028.

Based on the evidence filed in this proceeding, the Board finds that the TRE5 IP-LP Turbine Refurbishment project is necessary. Trenton Unit 5 continues to provide needed generation and must be operational to "... ensure the provision of safe, secure, reliable and economical energy supply in the Province." This is a factor the Board must consider under s. 6(2) of the *Energy and Regulatory Boards Act*. Delaying the project could materially negatively impact the availability of the unit. Sustainable development and sustainable prosperity, which are other factors the Board must consider, probably require a reliable and sufficient generation capacity, that Trenton Unit 5 is designed to provide. The Board has also considered the other factors listed in s. 6(2) of the *Energy and Regulatory Boards Act*, about competitiveness and innovation. Competition and a competitive electricity market are not directly impacted by this application. To the extent innovation requires a reliable source of electricity, the continued operation of Trenton Unit 5 is needed at this time. The project costs, including the variance from the approved 2025 ACE Plan budget estimate, have been adequately supported. The Board approves the total project cost of \$2,963,160.

Yours very truly,



Richard L. Melanson, LL.B.
Member



NSEB APPROVAL SHEET

Project Title: TRE5 - IP-LP Turbine Refurbishment

CI Number: C0068659

Date: July 13, 2026

Expenditure Profile			Type of Filing	
Year	Budget Amount	Project Estimate	☐	Capital Project Authorization
2025	1,175,875	3,471,649	☐	Unforeseen and Unbudgeted (U&U)
2026	106,795	(508,489)	☐	Planned & Advanced (P&A)
			☐	Subsequent Approval Item
			☒	Authorization to Overspend (ATO)
			☐	Scope Change
			☐	Final Cost (FIN)
Total	\$1,282,670	\$2,963,160		

COMMENTS

Approved	\$1,282,670
Current Submission	\$2,963,160
ATO Request	\$1,680,490

Submitted on behalf of NOVA SCOTIA POWER INCORPORATED



Authorized Signatory
Dave Pickles
Chief Operating Officer

DATE
July 10, 2026

Approved on behalf of NOVA SCOTIA ENERGY BOARD



September 23, 2026

DATE