

NON-CONFIDENTIAL

Request IR-1:

Will NS Power's role in load forecasting and/or distribution system-planning change once the NSIESO comes into being? If yes, please describe.

Response IR-1:

Distribution system-planning will remain the responsibility of NS Power after the Nova Scotia Independent Energy System Operator (NSIESO) is established and operational.

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Request IR-2:

Please describe the scope of the Time Varying Pricing Pilots (TVP) and Distributed Energy Resources Integration Roadmap (DERIR) as it relates to the business case for the deployment of behind-the-meter battery energy storage in Nova Scotia. What issues have been, and will be, considered that would affect the energy savings or revenues that a behind-the-meter battery could yield?

Response IR-2:

The scope of the Time Varying Pricing (TVP) pilot is designed to provide dynamic price signals during different times of the day and year. These signals could be used as an input for a business case using behind-the-meter technologies, including battery energy storage systems, which can respond to price variations to shift load and reduce peak demand in alignment with Integrated Resource Plan (IRP) targets.

The scope for existing TVP rates would be restricted to optimization of internal consumption, as export is not currently enabled under the Tariffs in this pilot program. This can lead to energy cost savings through peak shaving and load shifting and can be applied with existing TVP rates.

Further development and enhancement of TVP is an ongoing process through technical sessions with stakeholders to explore rate design options and considerations around behind-the-meter technologies, including battery energy storage systems.

DERIR work will consist of stakeholder consultation to seek input on the roadmap. The DERIR will provide direction on rates, programs, and other initiatives, including in-scope behind-the-meter and front-of-meter battery storage, among other DERs. Stakeholders are invited to ongoing DERIR workshop discussions. A final DERIR and its outcomes will be presented in a report directed by the NSEB to be submitted by September 30, 2025 (M12177).

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1 **Request IR-3:**

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3 **Does NS Power have access to installation costs (i.e., real-world or assumed) for batteries**
4 **participating in Efficiency One programs? If yes, please provide.**

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6 **Response IR-3:**

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8 No, NS Power is not aware of the installation costs for batteries participating in EfficiencyOne
9 programs.