

# Proposed energy storage in your community



## ENABLING A CLEAN ENERGY TRANSITION:

Batteries and other energy storage technologies are essential in our move towards more renewable electricity. As our province continues to bring more renewable energy onto the grid, additional energy storage is necessary to ensure energy is there when Nova Scotians need it and support reliable service for customers.

Grid-Scale Battery projects, like the one we're proposing in your community, will support this transition and enable the integration of new renewables as well as strengthen our grid.

## THE BENEFITS OF BATTERIES

**Batteries and other energy storage technologies are essential in our clean energy transition.**

Grid-Scale Battery projects, like the ones we're proposing, provide environmental and system benefits, including:

- Fast response to unplanned grid disturbances.
- Safe, reliable, clean energy during peak demand.
- Opportunity to introduce and enable more renewable energy.

## Our proposed Grid-Scale Battery sites are located at three critical locations.

It is important for the batteries to be located close to existing infrastructure for ease of connecting to the NS Power transmission system. This provides access to energy from renewable resources anywhere on the system. Each of these locations is adjacent to 138 kV transmission lines and an existing substation.

**We are proposing three 50 MW 4-hour battery facilities.**



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## WORKING WITH PARTNERS

Our Path to 2030 is a collaborative one. This project outlines the collaborations and partnerships we have been working on to help mitigate project costs and work meaningfully with Mi'kmaw communities on our clean energy transition.

### Wskijnu'k Mtmo'tagnuow Agency (WMA)

NS Power and WMA have together shaped an investment arrangement that will allow all 13 Mi'kmaw communities that WMA represent the opportunity to participate as equity partners in the proposed battery project in a manner which recognizes the key role that these communities can play as partners in Nova Scotia's sustainable energy future.

### Canada Infrastructure Bank (CIB)

We have worked with the Canada Infrastructure Bank on a low-cost debt financing plan to help mitigate project costs for the benefit of customers.

The proposed battery projects are set to be the first energy transition project offering an investment opportunity for Mi'kmaw communities financed by CIB.

### Natural Resources Canada (NRCan)

Through NRCan's Smart Renewable Energy and Electrification Pathways Program (SREP), NS Power has secured \$130 million of financial support for the proposed battery projects, representing approximately one third of the project costs.

### Department Natural Resource and Renewables

The Provincial Government recently released their Clean Power Plan, including grid-scale batteries to help reach 2030 goals. In December 2023, the Province published new regulations under section 4(D) of the Electricity Act, directing NS Power to build three grid-scale battery facilities.

## DEVELOPMENTS TO-DATE



Learn more at  
[nspower.ca/clean](https://nspower.ca/clean)



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