POWERING A GREEN NOVA SCOTIA, TOGETHER

PROPOSED ENERGY STORAGE IN YOUR COMMUNITY

ENABLING A CLEAN ENERGY TRANSITION:

Through the Integrated Resources Planning process, we know that a mix of energy solutions will be required in order to achieve government's environmental targets by 2030, including 80% renewable electricity and the closure of coal units.

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.

This project will provide environmental benefits locally and for all Nova Scotians, including;

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

POTENTIAL SITES IDENTIFIED

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

These sites are ideally situated to provide capacity and balance the energy system for the province.

PROJECT CONSIDERATIONS

Site selection:

- Proximity to existing 138kV transmission lines and substations.
- Potential for distribution across the province for localized benefits that will maintain reliability.

Environment:

- Our environmental team has reviewed project locations to identify potential environmental considerations.
- Recycling battery components at the end of life is very important to us.

Safety:

- Safety is a priority in project design, construction, and operation of grid battery facilities.
- Fire prevention is an important component of the design, and we are engaging experts in this field as part of our review.
- All aspects of the design and construction meet the highest safety standards.
- Our sites will include 24/7 monitoring from our energy control centre.

Community & Economic Impact

The project will provide employment and opportunities for business in Nova Scotia.

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Learn more at **nspower.ca/clean**