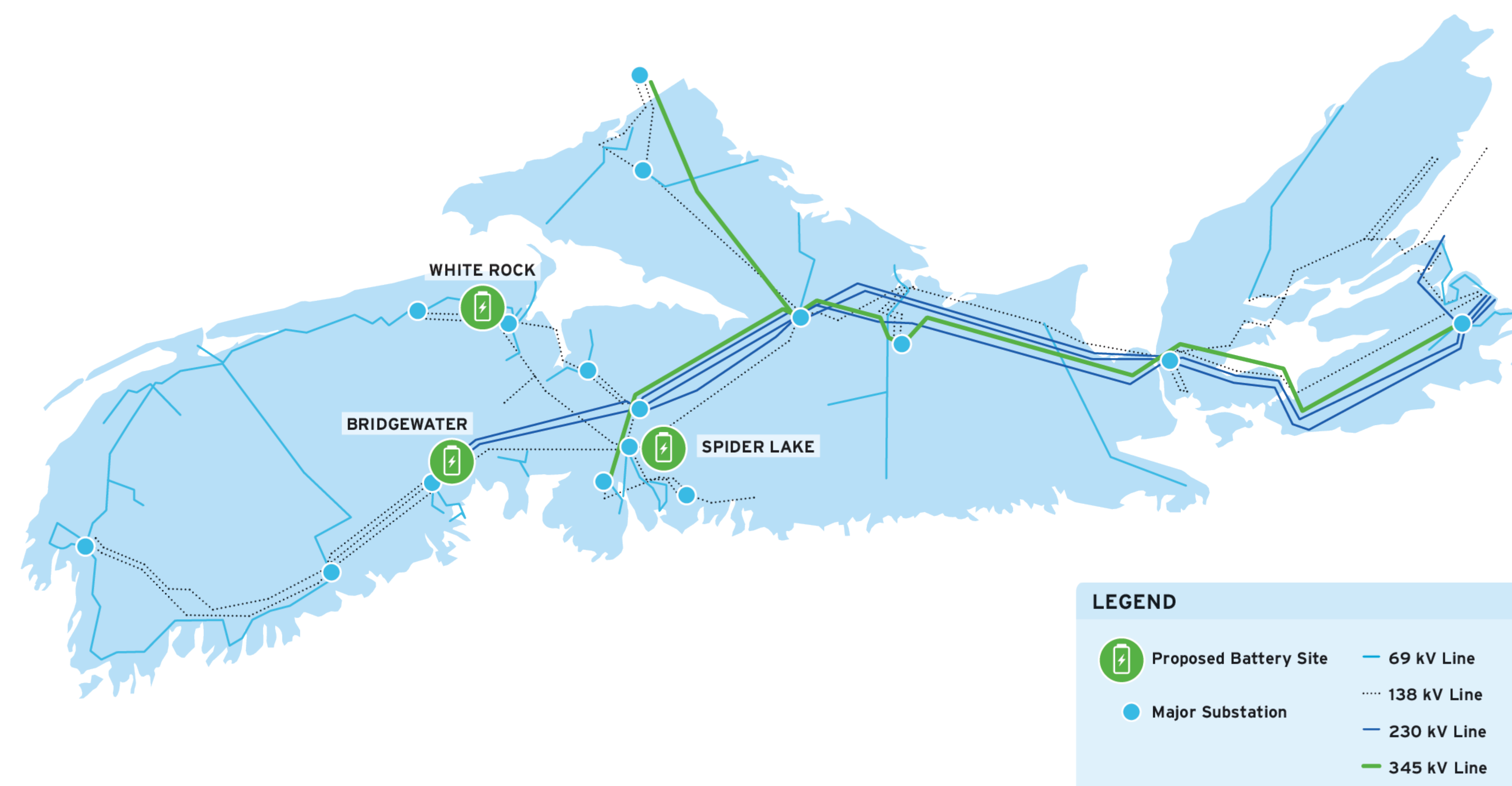


## WHY HERE?

The site is ideal for a grid-scale battery facility because:

- It is adjacent to 138 kV transmission lines, necessary to transport electricity from renewable sources.
- It is near an existing substation, needed to convert energy to different voltages.
- It's location helps balance the energy in the province and support the reliable flow of electricity for customers.

## BATTERY LOCATIONS



**Grid-scale batteries will help maintain reliable service for our customers as our province adds more renewables to the system.**

- They enable quick access to energy when needed, including for unplanned interruptions or outages.
- They **store** excess renewable energy and release it the grid when our customers need it most.
- They **allow** for more renewables to be added to the grid.



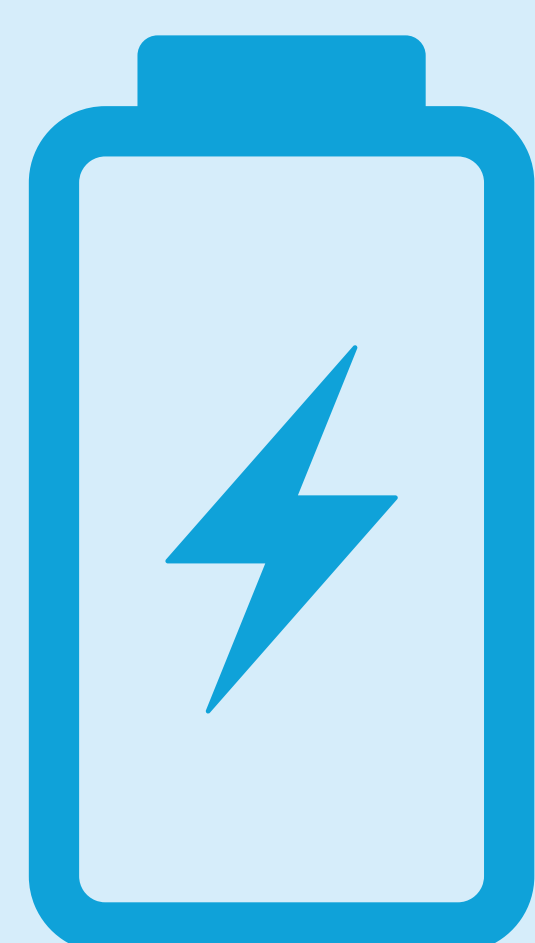


# WORK HAPPENING IN YOUR COMMUNITY

**POWERING  
NOVA SCOTIA,  
TOGETHER.**

## 50 MEGAWATT SITE:

This battery facility is a 50 MW site. One grid-scale battery site can provide the equal amount of power as one carbon-based fossil fuel combustion turbine.



The  
batteries  
can run  
for up to 4  
hours.



### DID YOU KNOW?

- Battery containers are typically the same size and height of a 20ft shipping container.
- Our sites will be around the same size of a soccer field.
- The site will be monitored 24/7 from our energy control centre.



An Engineering, Procurement and Construction contract has been signed with e-STORAGE, a subsidiary of Canadian Solar Inc.

A Long-Term Service Agreement has also been signed for the continued maintenance of the site.

**e-STORAGE**  
A subsidiary of Canadian Solar

\*locations and numbers of battery containers are subject to change as planning and construction progresses\*



# WORKING WITH PARTNERS

**POWERING  
NOVA SCOTIA,  
TOGETHER.**

## WORK COMPLETED TO DATE

### 2022

Preliminary planning and stakeholder engagement begins.

### 2023

Community engagement ramps up, including hosting open houses.

Preliminary site and survey work begins on all sites.

Province of Nova Scotia directs Nova Scotia Power to develop three battery sites through an Order in Council.

### 2024

Project filed for approval with the UARB.

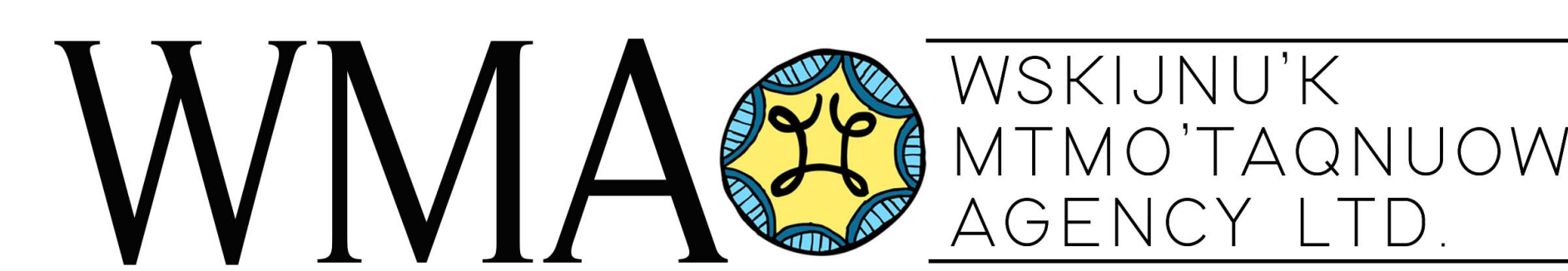
Partnership announced with CIB and WMA.

Project receives full project approval from UARB.

Driveway work completed at Spider Lake and Bridgewater sites.



This project represents the many ways we're collaborating with partners to help mitigate costs for customers and work meaningfully with all 13 Mi'kmaw communities.



Together, the Wskijnu'k Mtmo'tagnuow Agency and Nova Scotia Power have shaped an investment arrangement that enables Mi'kmaw communities to participate as equity partners in relation to the grid-scale battery project, benefitting all 13 Mi'kmaw communities in Nova Scotia.



The Grid-Scale Battery project is the first clean energy project part of the Canada Infrastructure Bank's Indigenous Equity Initiative. Through secured low-cost financing, this collaboration is helping to mitigate costs for customers.



Through Natural Resources Canada's Smart Renewable Energy and Electrification Pathways Program (SREP) and the Electricity Predevelopment Program (EPP), approximately \$117 million has been secured for the project, representing roughly one third of the total project cost.

## NEXT STEPS

### 2024

Main Transformers delivered to Spider Lake and Bridgewater.

### 2025

Civil work and construction begins at all three sites for battery facility - with Bridgewater and Spider Lake sites commissioned by the end of 2025.

### 2026

White Rock Road site is completed and commissioned.





# WORK HAPPENING IN YOUR COMMUNITY

POWERING  
NOVA SCOTIA,  
TOGETHER.

WHO WE'VE MET  
WITH SO FAR:

WE'D LOVE TO HEAR FROM YOU!



There are different ways to get in touch with us  
to ask questions, provide feedback, or request information.

- 1 Leave a comment in our comment box
- 2 Reach out anytime through [engage@nspower.ca](mailto:engage@nspower.ca)
- 3 Sign up to be added to our email list to receive regular project updates.



←  
To learn more, scan  
the QR Code or visit  
[nspower.ca/clean](https://nspower.ca/clean)



←  
Scan the QR Code  
to reach out.