

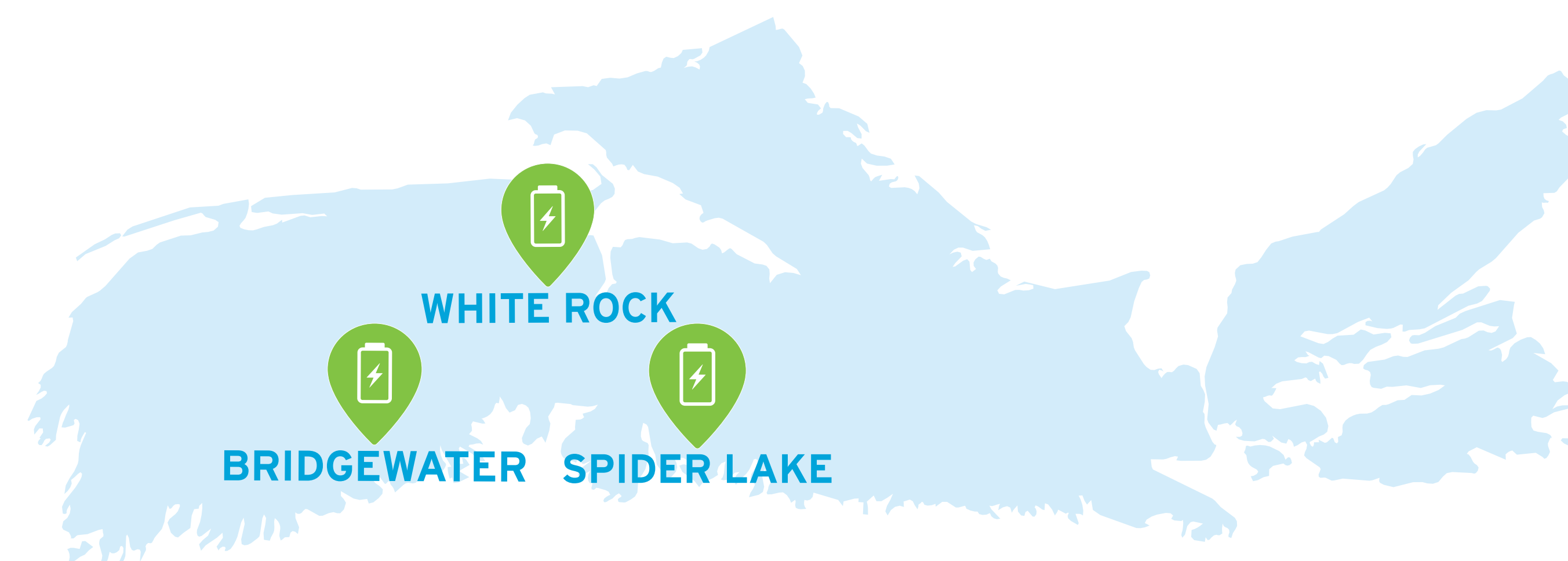
## WHY THIS LOCATION:

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.



## PROPOSED BATTERY SITE LOCATION



Preliminary survey, environmental and planning work is in progress with proposed construction activity starting in **2024** and continuing through **2026**.

## BENEFITS OF GRID-SCALE BATTERIES:

Grid-scale battery projects like the one we are proposing for your community are an important part of our clean energy future.

They have many uses and support our transition in several ways.

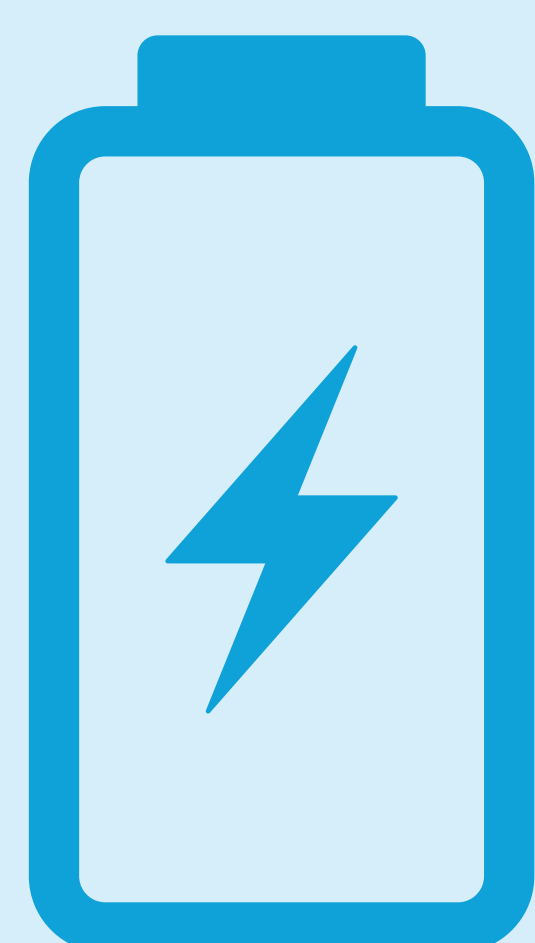
- They enable quick access to energy when needed, including for unplanned interruptions or outages.
- They play a crucial role in storing excess renewable energy when there is a surplus, and releasing it to the grid when needed.
- They allow more opportunities for renewable energy to be added to the grid.
- As we continue our clean energy transition, batteries will help us deliver safe, reliable energy throughout Nova Scotia.

# WORK HAPPENING IN YOUR COMMUNITY

POWERING A GREEN  
NOVA SCOTIA,  
TOGETHER.

## 50 MEGAWATT SITE:

This proposed 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 generating unit.



The  
batteries  
can run  
for up to 4  
hours.



### DID YOU KNOW?

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



As we move towards a larger portion of electricity on the grid being provided by intermittent sources -such as solar and wind- battery storage technologies such as grid scale batteries will be increasingly important to store excess renewable energy when it is available, and move this supply to when there is not enough capacity to meet demand.

- Ecology Action Centre, Letter of Support

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

# WORK HAPPENING IN YOUR COMMUNITY

POWERING A GREEN  
NOVA SCOTIA,  
TOGETHER.

WHO WE'VE MET  
WITH SO FAR:

WE'D LOVE TO HEAR FROM YOU!

WHO ELSE  
SHOULD WE  
MEET WITH:



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 [cleanenergyfuture@nspower.ca](mailto:cleanenergyfuture@nspower.ca)
- 3 Sign up to be added to our email list to receive regular project updates.

LEARN MORE:



REACH OUT:

