



# Grid-Scale Battery Project 2025 Summary Report

A Review of 2025 plus January 2026

# Re-cap of Field Activity – 2025

## A successful year.

- Work completed at the sites this past year include:
  - Competition of both Bridgewater and Spider Lake battery sites December 2025.
    - Site work: leveling land, roads, backfilling
    - Water tank installation
    - Cable pulls/placement and concrete foundations laid
    - E-house and SolBank placements
    - Energization testing
  - White Rock work started Summer 2025
    - Vegetation management
    - Site work: leveling land, roads, backfilling
    - Water tank installation
    - Cable pulls/placement and concrete foundations laid
- Project Milestones met to-date include:
  - Received full project approval from the Nova Scotia Utility and Review Board in June 2024.
  - Energization of both Bridgewater and Spider Lake battery sites December 2025.
  - Construction begins at our White Rock site.



# Bridgewater – Rendering





# Bridgewater – March 2025



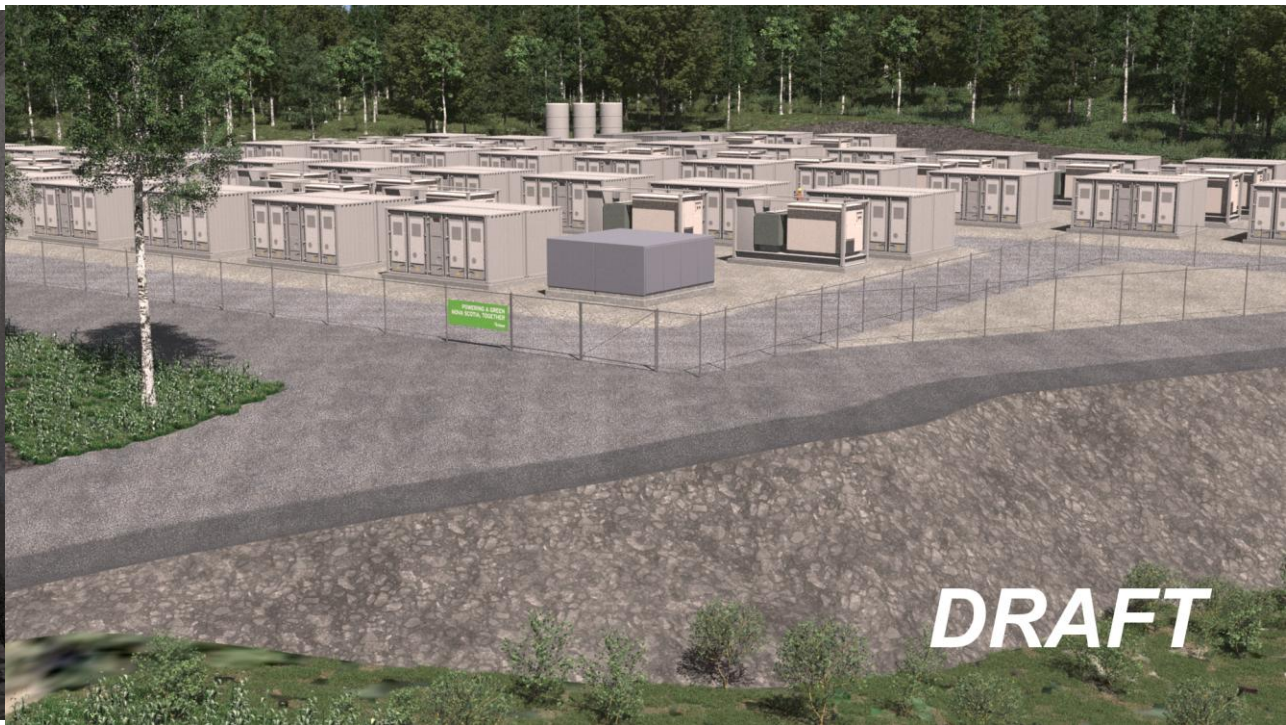


# Bridgewater Drone Shot – October 2025





# Spider Lake – Rendering





# Spider Lake – March 2025



Scott King, Owners Site Representative for NSP



Ben MacNeill, Environment Compliance Monitor for NSP



# Spider Lake Drone Shot – November 21, 2025





# White Rock – August



Excavation crews beginning levelling battery site



Silt fencing placed to avoid run-off



# White Rock – November 20, 2025





# Re-cap of Field Activity – January

**With Bridgewater and Spider Lake successfully energized, work focus turns to White Rock.**

- Work completed at the sites this past month include:
  - Delivery of Sol bank containers
  - Power pole installation – alternate power supply of e-house
- Project Milestones met to-date include:
  - Received full project approval from the Nova Scotia Utility and Review Board in June 2024.
  - Energization of both Bridgewater and Spider Lake battery sites December 2025.
  - Construction begins at our White Rock site.



# White Rock Site Activity – January 2026



SolBank Installations happening through multiple types of weather



Line truck set to install the overhead line.



# White Rock Site Activity – January 2026



Snow removal became almost daily occurrence at White Rock during the month.  
January 27: *In spite of the hours of snow shoveling the CDN folks still remain positive and upbeat.*



# Bridgewater Drone – January 20, 2026



[Let's take an aerial tour of Bridgewater's battery storage site](#)



# Spider Lake Drone – January 21, 2026



[Take an aerial tour of the Spider Lake battery storage site](#)



# Re-cap of Community Engagement for 2025

- March :
  - The project team met with HRM Fire Services Chiefs to review Emergency Response Plan for the Spider Lake site.
  - Community Outreach postcards were distributed to the Bridgewater community to inform residents of the start of construction and presence of construction vehicles/equipment.
  - PCL hosted Mi'kmaq community job fair on February 20th in Millbrook, NS, with plans to host a virtual webinar in April.
- April:
  - As part of the ongoing engagement with local fire departments, the team attended and presented at the Fire Service Association of Nova Scotia's annual conference.
  - Members of the project team attended and presented at the Smart Energy Conference in Halifax, networking with key industry stakeholders.
  - A site tour was hosted with project partners, Canada Infrastructure Bank, at our Bridgewater location.
  - The project team participated in a Community Info Session in the Mi'kmaw community of Sipekne'katik. They spoke with over 50 community members about the project, employment opportunities and how the project is benefitting all 13 Mi'kmaw communities in Nova Scotia.



# Re-cap of Community Engagement for 2025

- May - The project team hosted our second Community Open House in White Rock on May 14th. We were thrilled by the high turnout and enthusiasm from the community, welcoming over 260 attendees.
- June - Community Outreach postcards were distributed through the mail in advance of crews mobilizing and construction beginning at our White Rock site. This was also a follow-up from the Community Open House we hosted in the area on May 14th.
- August - Our project team filmed a video at our Spider Lake site, showing the progress made to date. You can check out the video [here](#) or on our social media accounts.
- October - Members of the Nova Scotia Power Employee Council toured the Bridgewater Battery site.
- November - Members of the Atlantica Centre for Energy Board were given a site tour at the Spider Lake site.

# Community Outreach Postcards - March

## Work happening in your community.

We are getting ready to ramp up construction on the grid-scale battery facility located in your community. Over the next few weeks, you may notice some construction vehicles and equipment headed to the future location of the battery site, located next to the substation in Bridgewater.

Construction on the site will continue through to the fall of 2025. We expect minimal disruption to the community during this time. If you have any questions or concerns, please contact us at [engage@nspower.ca](mailto:engage@nspower.ca).



## FREQUENTLY ASKED QUESTIONS

### What is the purpose of the grid-scale battery project?

The facility will help store clean and reliable energy that can be distributed to the grid when needed.

### When will construction start and end?

Site clearing and road access started on the site in late 2024. Construction will ramp up this Spring and continue until November 2025.

### Will there be any disruptions to the community?

We expect minimal disruption. The site cannot be seen from the main roads or homes surrounding the area. There may be some construction vehicles and equipment in the area, but we will make every effort to minimize any inconvenience.

### Who can I contact if I have questions or concerns?

Please contact us at [engage@nspower.ca](mailto:engage@nspower.ca).



You can find more FAQs and information about the project [nspower.ca/clean](https://nspower.ca/clean)



Community Outreach postcards were distributed to the Bridgewater community in March 2025 to inform residents of the start of construction and presence of construction vehicles/equipment.



# Community Open House in White Rock - May



The project team hosted the second Community Open House in White Rock on May 14th. They chatted with over 25 community members about the project and what to expect during construction. Community members asked questions and shared their enthusiasm for the project and the move towards a clean energy future.

# Community Outreach Postcards - June

## Keeping you up to date on work happening in your community.

**Nova Scotia Power contractors** will be working in the area to support development of our grid-scale battery facility on **White Rock Road**.



We are getting ready to ramp up construction on the grid-scale battery facility located in your community. Over the next few weeks, you may notice some construction vehicles and equipment headed to the future location of the battery site, located on White Rock Road.

**Construction on the site will continue through to 2026.** We expect minimal disruption to the community during this time. If you have any questions or concerns, please contact us at [engage@nspower.ca](mailto:engage@nspower.ca).



**POWERING NOVA SCOTIA, TOGETHER.**

Community postcards were mailed throughout the White Rock area to inform residents and businesses of the increased activity. This was also a follow-up from the Community Open House hosted in the area on May 14th.



# Spider Lake Social Video - August



In August, our project team filmed a video at our Spider Lake site, showing the progress made to date. You can check out the video [here](#) or on our social media accounts.

# Re-cap of Community Engagement

On October 29, members of the Employee Council enjoyed an informative tour of the Bridgewater Battery site, hosted by Susan Smith, Manager of Engagement, Mike Morrissey, On-site Representative, and David Arsenault, Civil Engineering Specialist. The hosts guided the group through the site and answered questions from the Council members along the way.





# Re-cap of Community Engagement

On November 27, members of the Atlantica Centre for Energy Board were given a site tour led by Mark Sidebottom, Chief Clean Energy Officer. They were joined by Susan Smith, Manager of Engagement; David Arsenault, Civil Engineering Specialist; and Deon Hamlyn, Construction Manager, who hosted the group on-site.



# Re-cap of Community Engagement January 2026



A news release went out announcing that the Bridgewater and Spider Lake battery facilities were in commercial operation since December 2025 followed by CTV, CBC, the Weather Network, and the Halifax Examiner join us in-person for a media site visit.

CTV NEWS

Local

CTV News App

Trump's Tariffs

Watch

In Pictures

Live

## Two Nova Scotia Power grid scale battery facilities now operational

By Melanie Price

Published: January 29, 2026 at 12:13PM EST



Nova Scotia Power unveils two grid-scale battery sites.

[Click here to view one of the stories covered by CTV](#)



# Upcoming Activities

## Activity projected for the next 30 days:

- Inverter placements at White Rock
- E-house arrival at White Rock

## Activity projected over the next 60 days:

- Construction continues at our White Rock Road site.
- Bridgewater and Spider Lake temporary shutdown for maintenance work
- Stakeholder updates throughout construction.

# Background Information



# The Benefits of Grid-Scale Batteries

*Batteries and other energy storage technologies are essential in our move toward more renewable energy.*

Battery storage will play an important role in the phase out of coal and adding more renewable energy, like wind and solar, to the electricity grid. It will also help maintain reliable service to our customers throughout this transition.

## Fast Response

- Batteries offer quick response to unplanned outages or grid disturbances.

## Peak Demand

- Safe, reliable, and clean energy during peak demand.

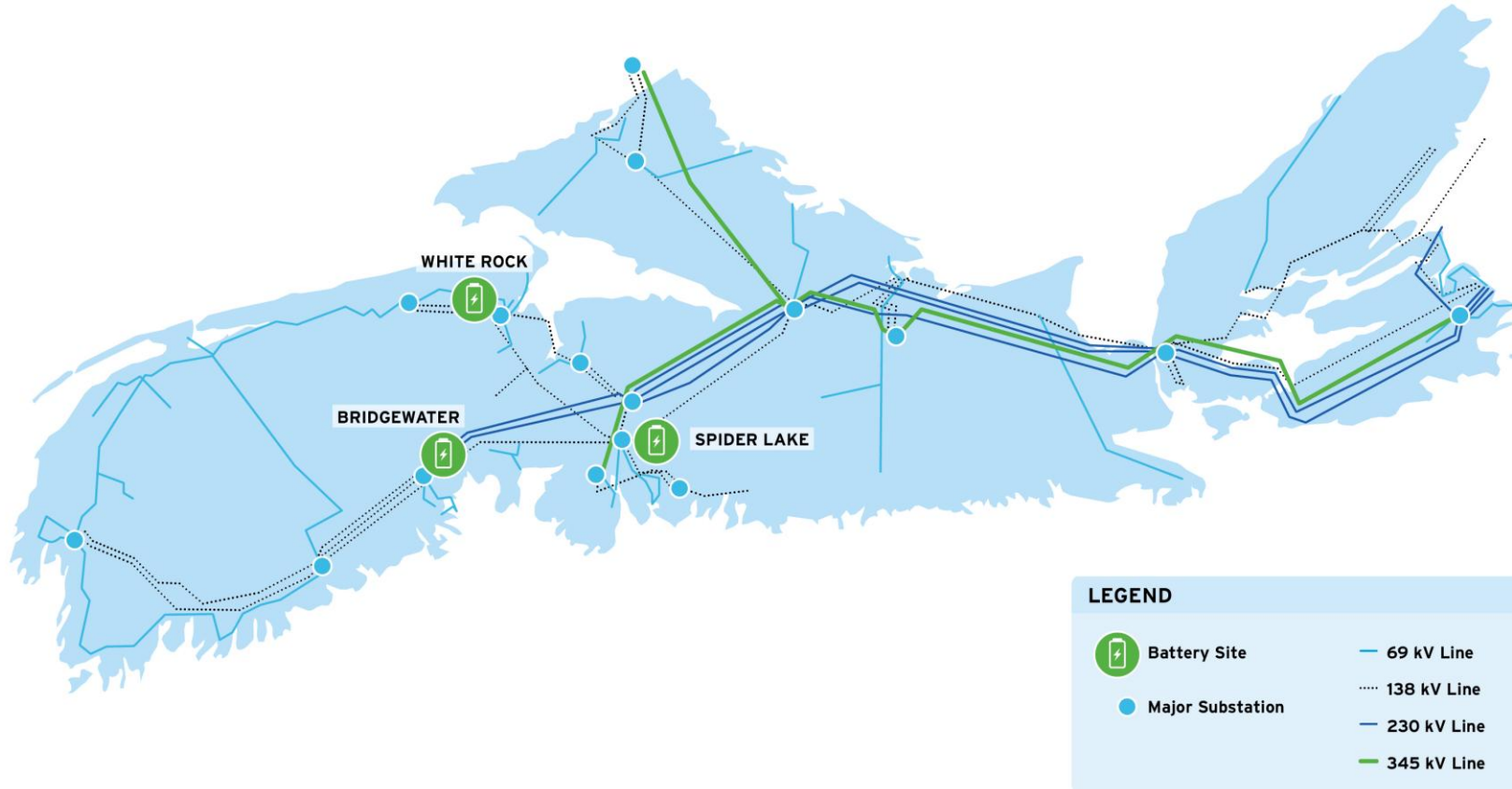
## Enables Renewables

- Allows for more renewables to be added to the grid.

## Aligned with Clean Power Plan

- The Grid-Scale Battery Project is aligned with the Province's Clean Power Plan, the Evergreen IRP and our Path to 2030 plan.

# Project Summary



50 MW, 4-hour sites



Adjacent to 138 kV transmission lines for distribution



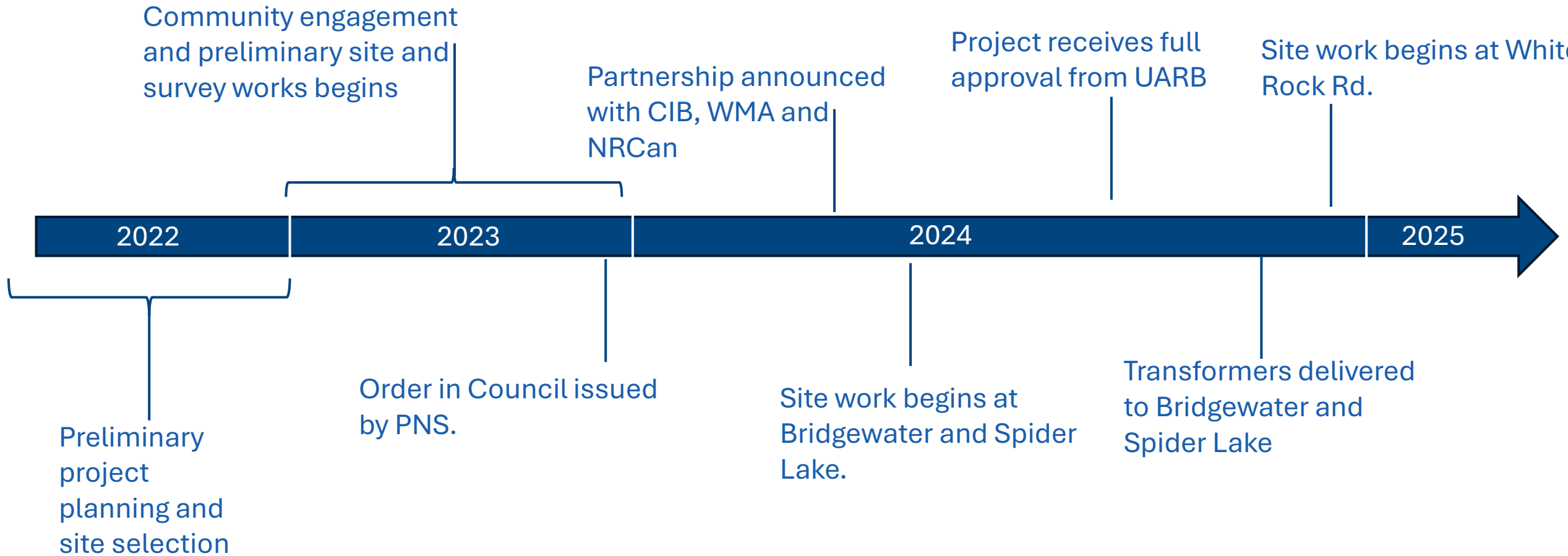
Near existing substation to convert distributed electricity to different voltages



Locations allow for distribution across the province



# Project developments to-date



# Partnerships



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.



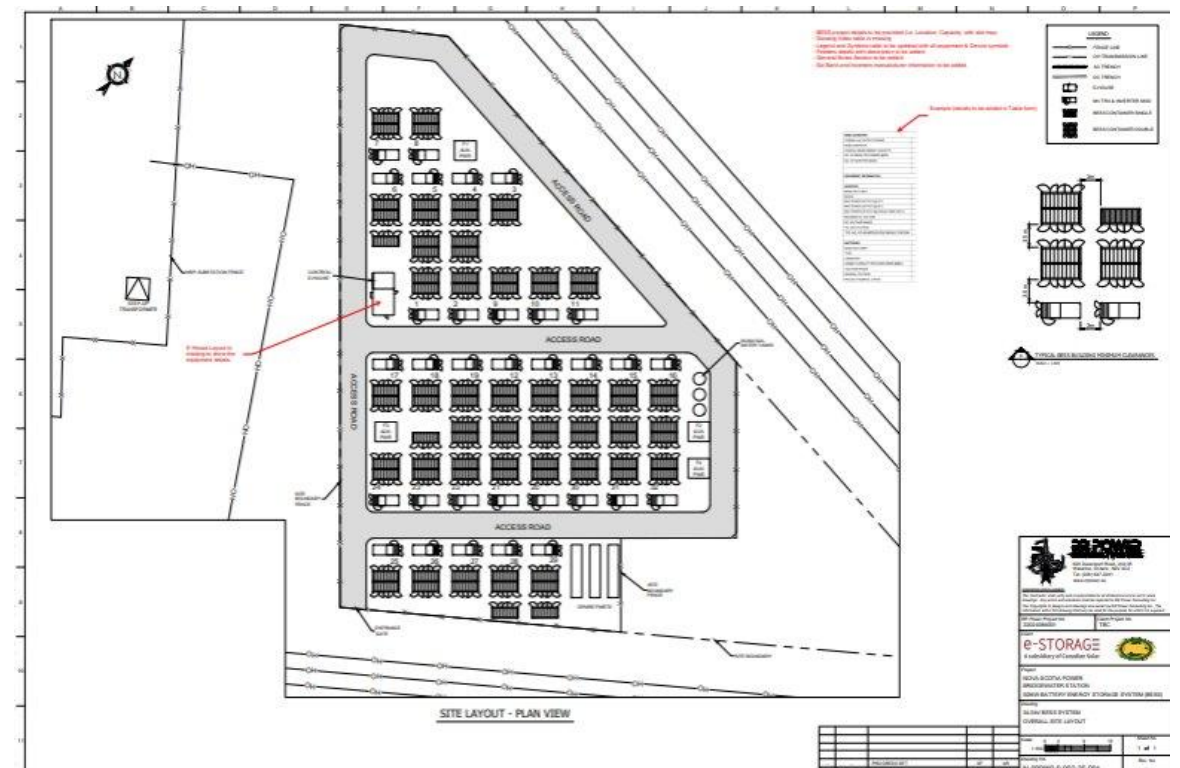
The Grid-Scale Battery project is the first clean energy project part of the Canada Infrastructure Bank's Indigenous Equity Initiative. Through secured low-cost financing, this collaboration is helping to mitigate costs for customers.



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.



# Bridgewater





# Bridgewater Rendering





# Bridgewater – Work on site in 2024



Vegetation clearing - March 2024



New access driveway to site – Summer 2024



Early civil work – November 2024



## On-site activity in April - Bridgewater



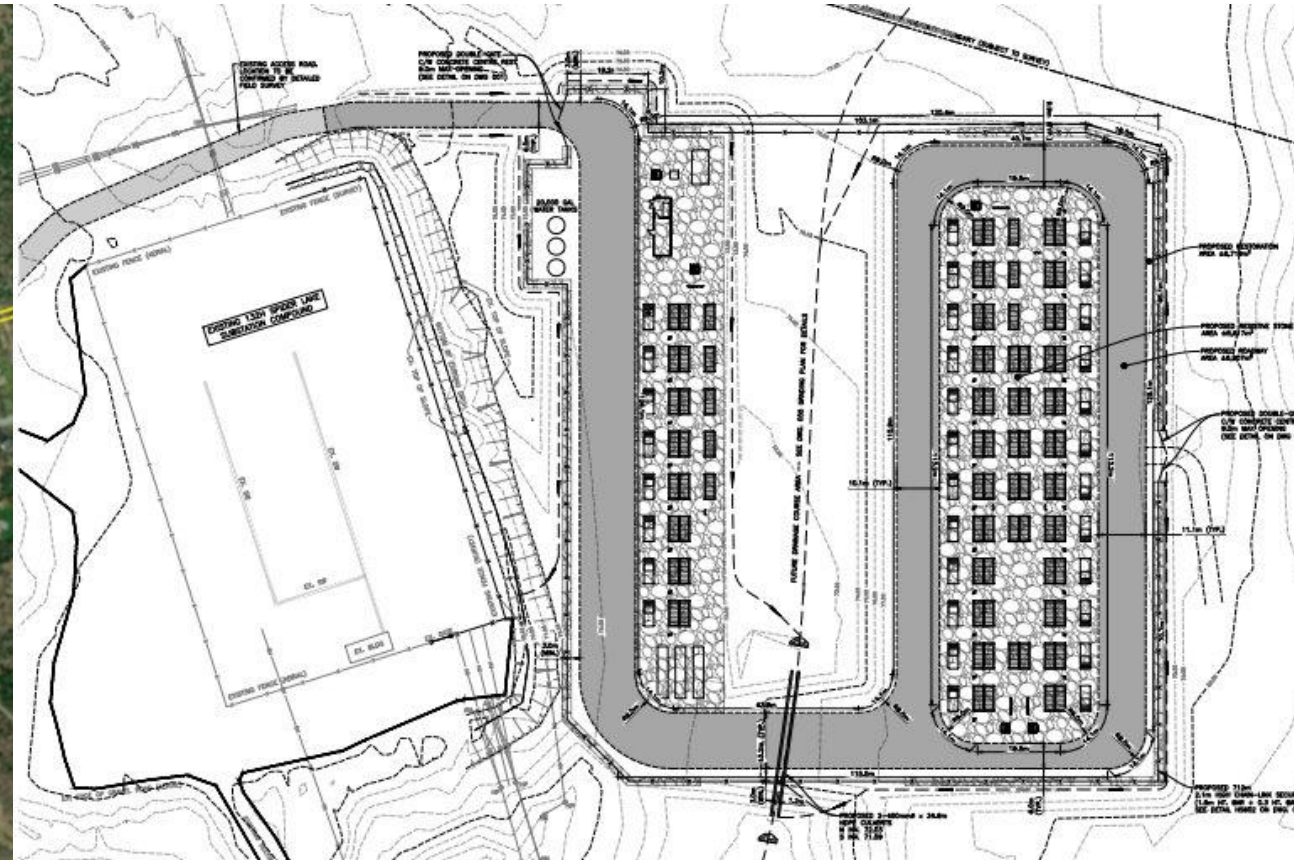
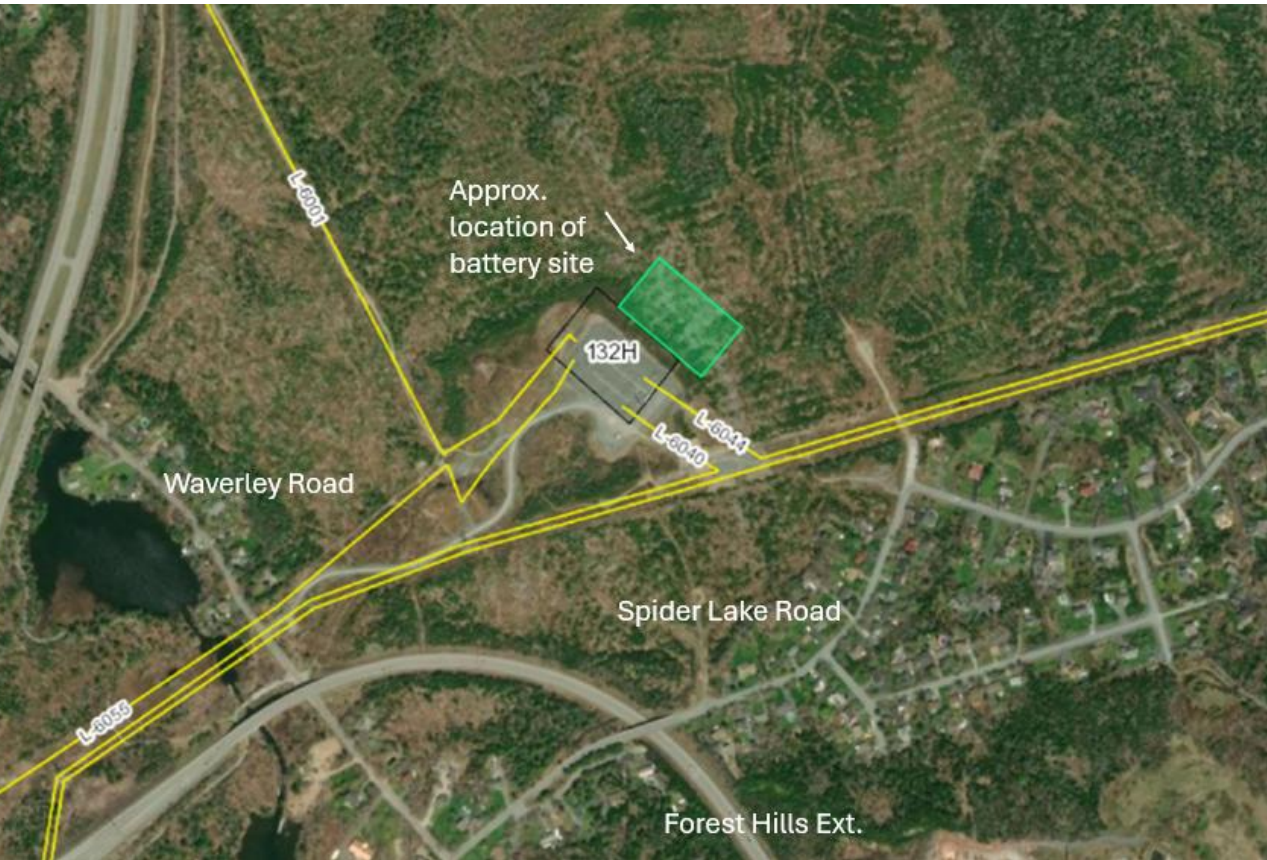
Crews oversee placement of cables and conduit



Prefab foundations arrive on site

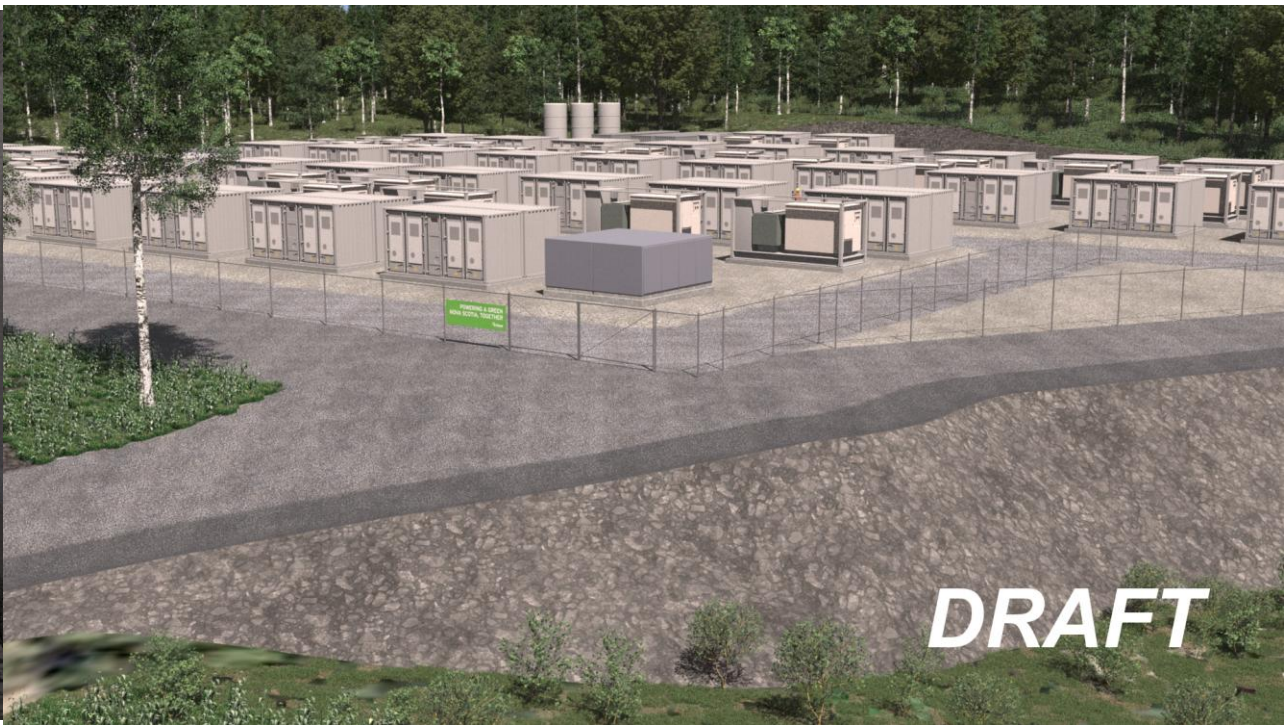


# Spider Lake





# Spider Lake Rendering

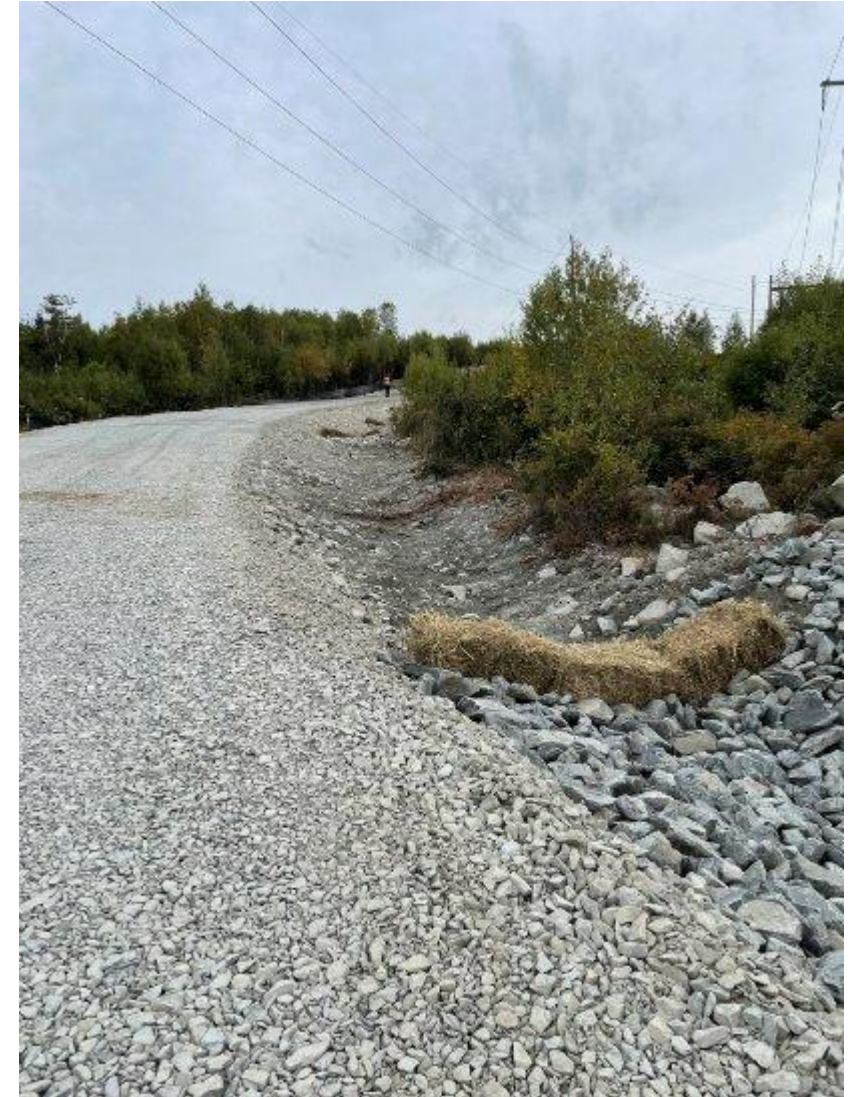




# Spider Lake – Work on site in 2024



Vegetation clearing – March 2024



Substation driveway extension – Fall 2024



## On-site activity in April – Spider Lake



Sub-contractors/ crews place DC cable conduit –  
April 2025



Cable conduit for battery placement



# Transformer Delivery – Bridgewater and Spider Lake



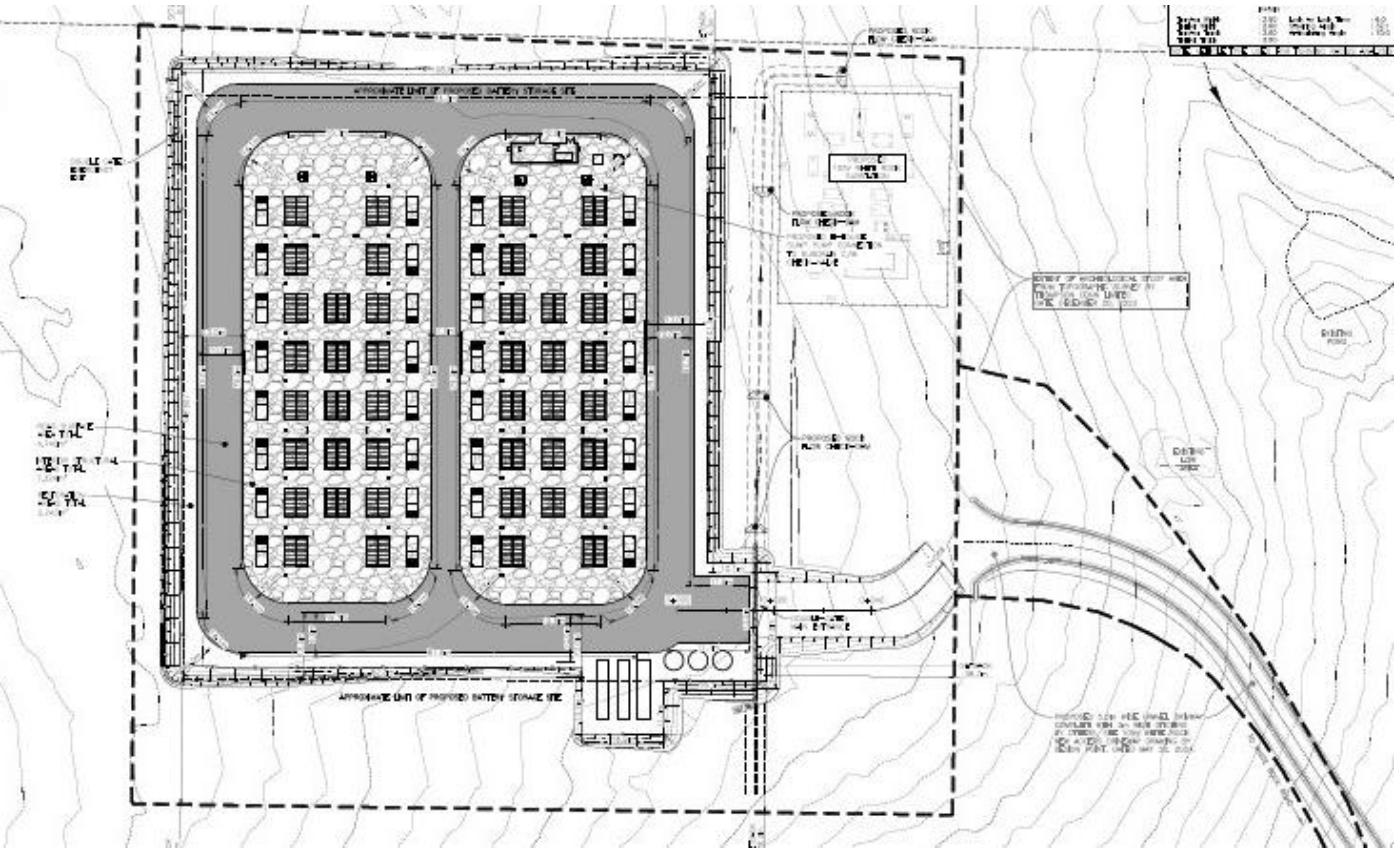
Bridgewater substation transformer delivery – September 2024



Spider Lake transformer delivery – November 2024



# White Rock





# White Rock – Work on site in 2024

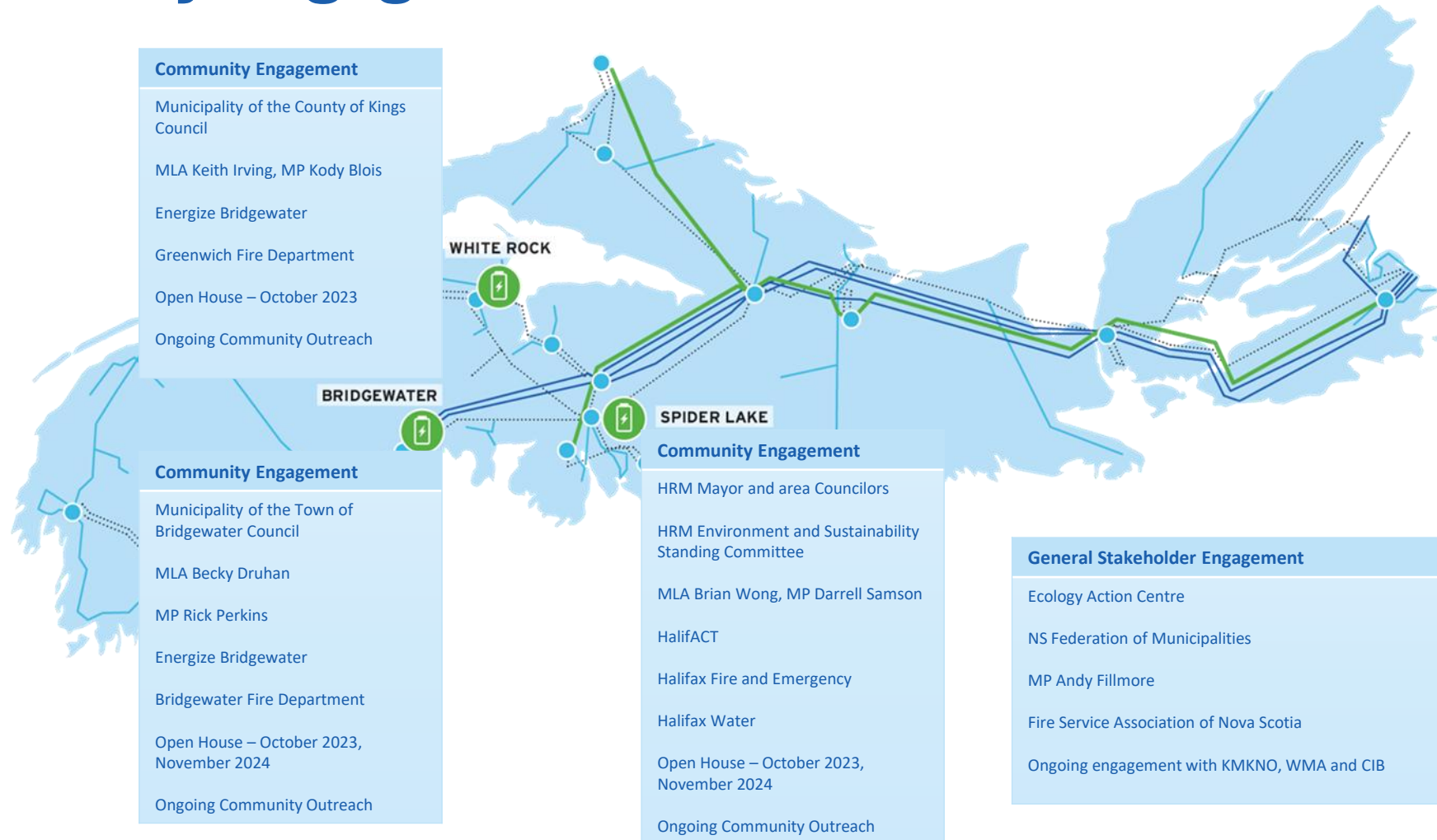


Archeological shovel testing – 2023-2024



New access driveway to site – November 2024

# Community Engagement





# Questions?

**Reach out anytime:**

[engage@nspower.ca](mailto:engage@nspower.ca)

[Natalie.Valcour@nspower.ca](mailto:Natalie.Valcour@nspower.ca)

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