NEOEN

Neoen Battery Project

Community Open House

Thursday June 11, 2026
4:00 PM – 8:00 PM

Land Acknowledgement

We respectfully acknowledge that the proposed project site is situated on the Saugeen (Bruce) Peninsula, the traditional lands that the Saugeen Anishinaabek have cared for and inhabited since time immemorial.

These lands are part of the traditional and treaty territories of the Nations connected to Treaty 45½ (1836) and Treaty 72 (1854), including the Saugeen First Nation and the Chippewas of Nawash Unceded First Nation.

We recognize the enduring relationship that First Nations Peoples have with these lands and waters, and honour their continued presence, stewardship, and rights.

We are committed to engaging in this work with respect, reciprocity, and responsibility, and acknowledge the importance of meaningful Indigenous participation in projects on their traditional territories.

About Neoen

Founded in 2008, Neoen is a leading independent power producer of exclusively renewable energy with 9.3-gigawatts of capacity in operation or under construction across four continents.

A global pioneer in energy storage, in 2017, Neoen delivered the world's first utility-scale battery, Hornsdale Power Reserve in South Australia. Today, Neoen has 20 energy storage plants in operation or in advance development worldwide.

Since entering Canada in 2022, Neoen has secured 1 GW of capacity, including a 200 MW solar project co-owned by Garden River First Nation, set to be Ontario's largest solar farm, and Mino Giizis Solar Facility (100 MWp), Saskatchewan's largest solar farm, co-owned by Anishinabek Power Alliance.

Brookfield Renewable Holdings acquired Neoen in 2025.

Neoen Canada

Our Portfolio

Offices
Calgary, Toronto

Solar
In operation or under development: 568 MWp

Battery Storage
In operation or under development: 400 MW

Total Capacity: 968 MW

Alberta

Fox Coulée Solar (93 MWp / 75 MWac)
Starland County

Saskatchewan

Mino Giizis Solar (157 MWp / 100 MWac)
Rural Municipality of Lajord (No. 128)

Ontario

Neoen Battery (400 MW / 1,600 MWh)
Bruce County

Dunns Valley Solar (253 MWp / 200 MWac)
Dunn's Valley

Paradis Bay Solar (65 MWp / 50 MWac)
Paradis Bay

Neoen Global

More than 200 assets worldwide, including 20 energy storage plants.

Our Approach

Community Engagement

Engagement ensures our projects reflect the values, priorities and diversity of the communities where we work, and that benefits are accessible to all.

Neoen is committed to engagement that begins early on and continues through the project lifecycle, and to open and transparent dialogue.

Indigenous Participation

We acknowledge Indigenous Peoples as the traditional stewards of Turtle Island, lands we have come to know as Canada. We recognize the enduring connection Indigenous people have to the land and waters where we work.

Neoen is proud to support the advancement of Indigenous leadership in the clean energy sector through shared equity, employment, skills training, and supplier opportunities.

Sustainability

Neoen is committed to a development process that adheres to the highest levels of environmental protection, prioritizes safety, integrates recycling, preserves cultural heritage, and values the input of local communities and Knowledge Keepers.

Why Battery Energy Storage?

- According to the IESO's 2026 Annual Planning Outlook, electricity demand in Ontario is forecasted to grow by 65% between 2026 and 2050.

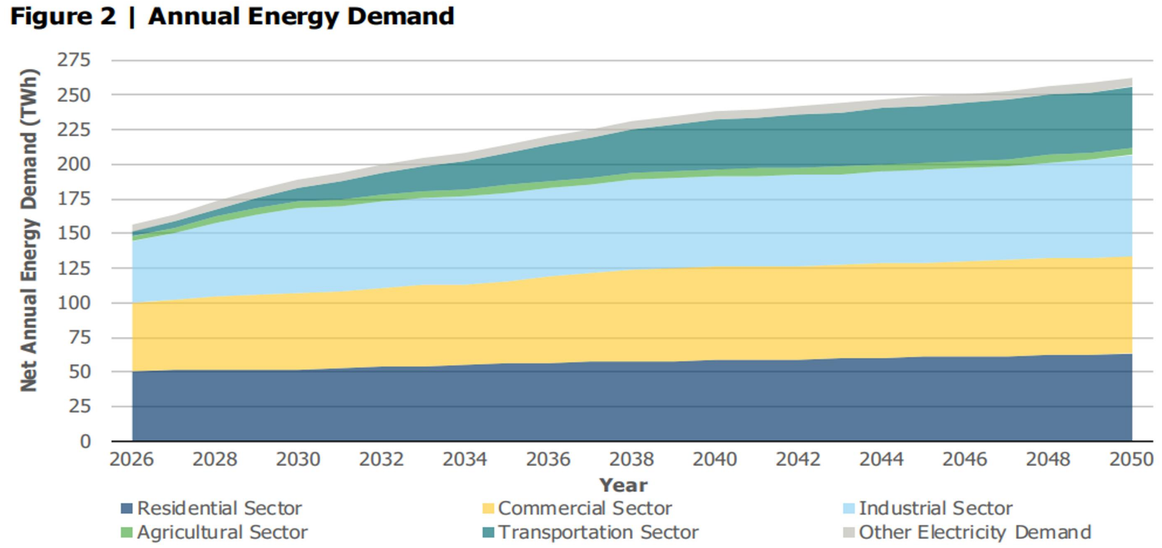
- Energy storage plays a critical role in meeting electricity demand:

  - Leverages existing electricity assets and reduces the need for new, expensive, peak generation
  - Improves grid reliability and stability
  - Promotes affordable electricity by eliminating demand peaks and reducing waste
  - Supports the integration of renewable energy sources to enable the clean energy transition

- Neoen Battery is one of 26 battery energy storage projects procured by the Province of Ontario to meet forecasted demand.

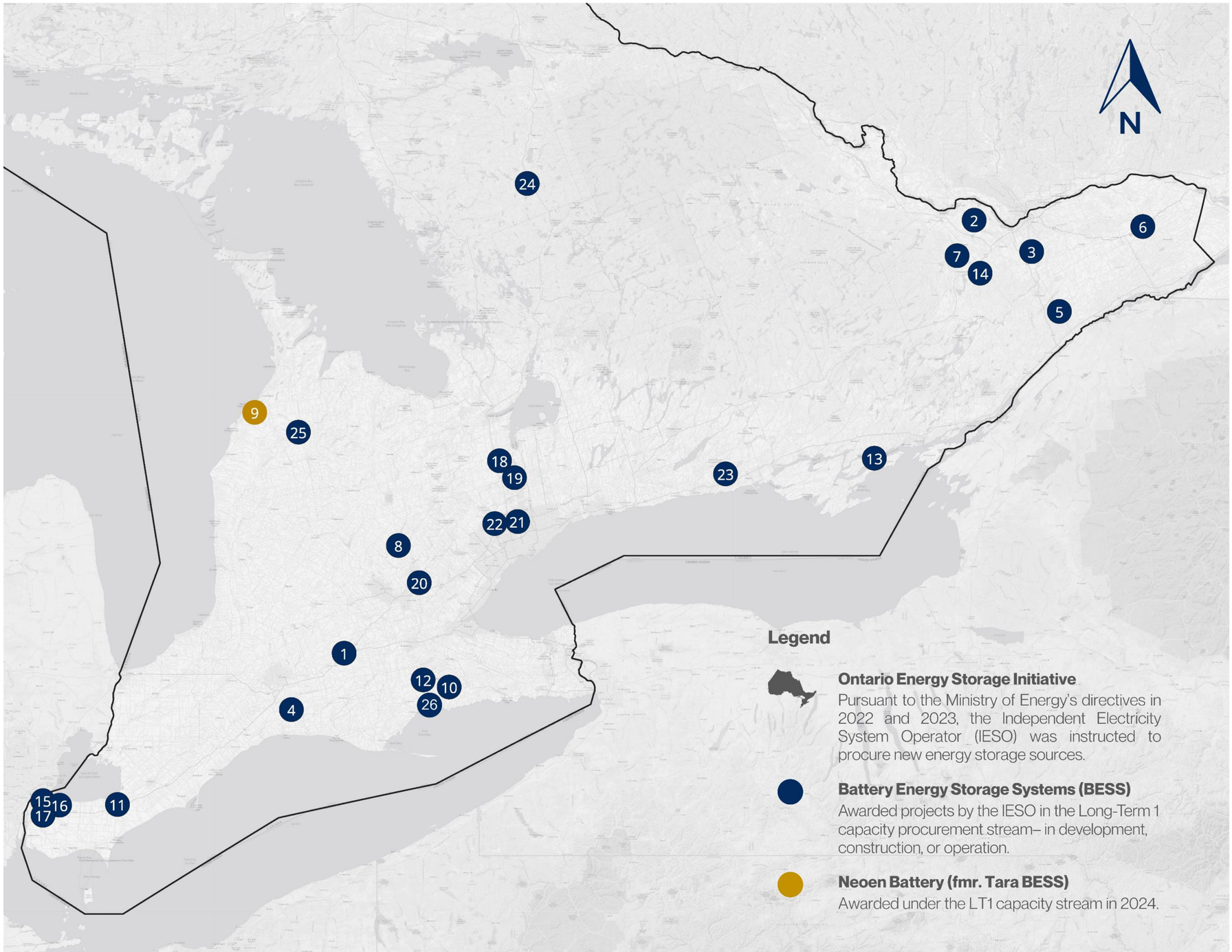
- 12 grid-connected or IESO-contracted BESS facilities already operating in Ontario.

IESO: Annual Energy by Sector (2026)



Oneida Energy Storage (250 MW / 1000 MWh)
Haldimand County, ON
Photo: Postmedia

Awarded Battery Storage Projects in Ontario



IESO-Awarded Battery Energy Storage System Projects

LT1 Projects (2024)

1. Oxford (125 MW)
2. South March (265.50 MW)
3. Trail Road (159.30 MW)
4. Edgeware (75 MW)
5. Skyview 2 (411 MW)
6. North Glengarry (16.30 MW)
7. Almonte BESS 2 (9.99 MW)
8. Elora (210.53 MW)
9. **Neoen Battery (fmr. Tara) (400 MW)**
10. Hedley (210.53 MW)

E-LT1 Projects (2023)

11. Sangjon (fmr. Tillbury) (80 MW)
12. Hagersville (300 MW)
13. Napanee (265 MW)
14. Almonte (4.99 MW)
15. Walker BESS 4 (4.99 MW)
16. Walker BESS 5 (4.99 MW)
17. Walker BESS 6 (4.99 MW)
18. York (120 MW)
19. Goreway (50 MW)
20. Arlen Energy Storage 1 (20 MW)
21. Vaughan 1E Energy Storage 1 (20 MW)
22. Vaughan 3 Energy Storage 1 (40 MW)
23. SFF 06 (4.99 MW)
24. 903 (4.99 MW)
25. OZ-1 (4.99 MW)

IESO-Direct Procurement (2023)

26. Oneida (250 MW)

What is Battery Energy Storage?

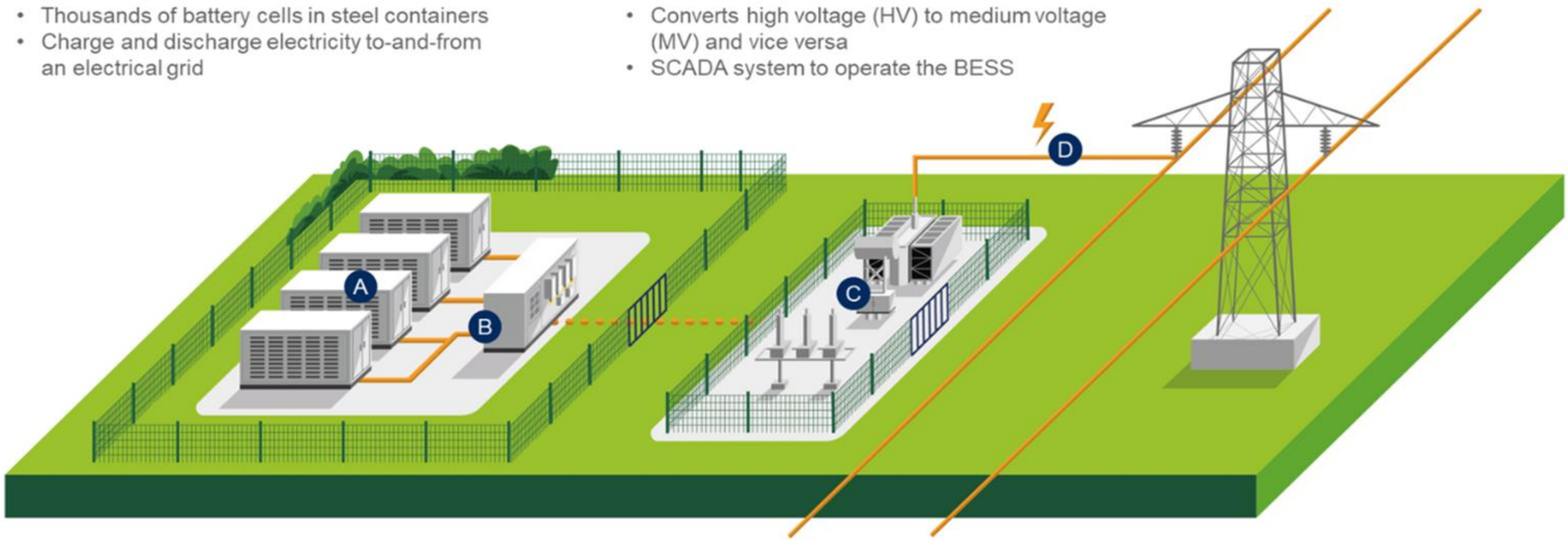
A safe, utility-scale system that stores electricity during periods of low demand and discharges it during peak periods. Battery energy storage works like a residential battery but stores and discharges electricity exclusively to-and-from the grid.

A - Battery Containers

- Thousands of battery cells in steel containers
- Charge and discharge electricity to-and-from an electrical grid

C - Transformer Station

- Converts high voltage (HV) to medium voltage (MV) and vice versa
- SCADA system to operate the BESS



B - Inverter

- Converts direct current (DC) to alternating current (AC) and vice versa

D - Transmission Lines

- Transmission lines move electricity to-and-from the BESS
- Steel structures hold the lines overhead
- Electricity travels to-and-from the grid

About Neoen Battery

Neoen Battery

- Standalone battery facility with 400-megawatt (MW), 4-hour duration capacity
- Can supply power up to 375,000 homes during peak demand periods
- Compact footprint of approximately 20 acres
- Contracted by the Government of Ontario to operate for 20 years

Project Components

- Lithium iron phosphate (LFP) batteries — the safest chemistry in battery storage technology
- Inverters and transformer station
- Interconnection to existing 230 kV transmission line
- Operations and maintenance building, stormwater management system, and storage
- Fencing and vegetative screening

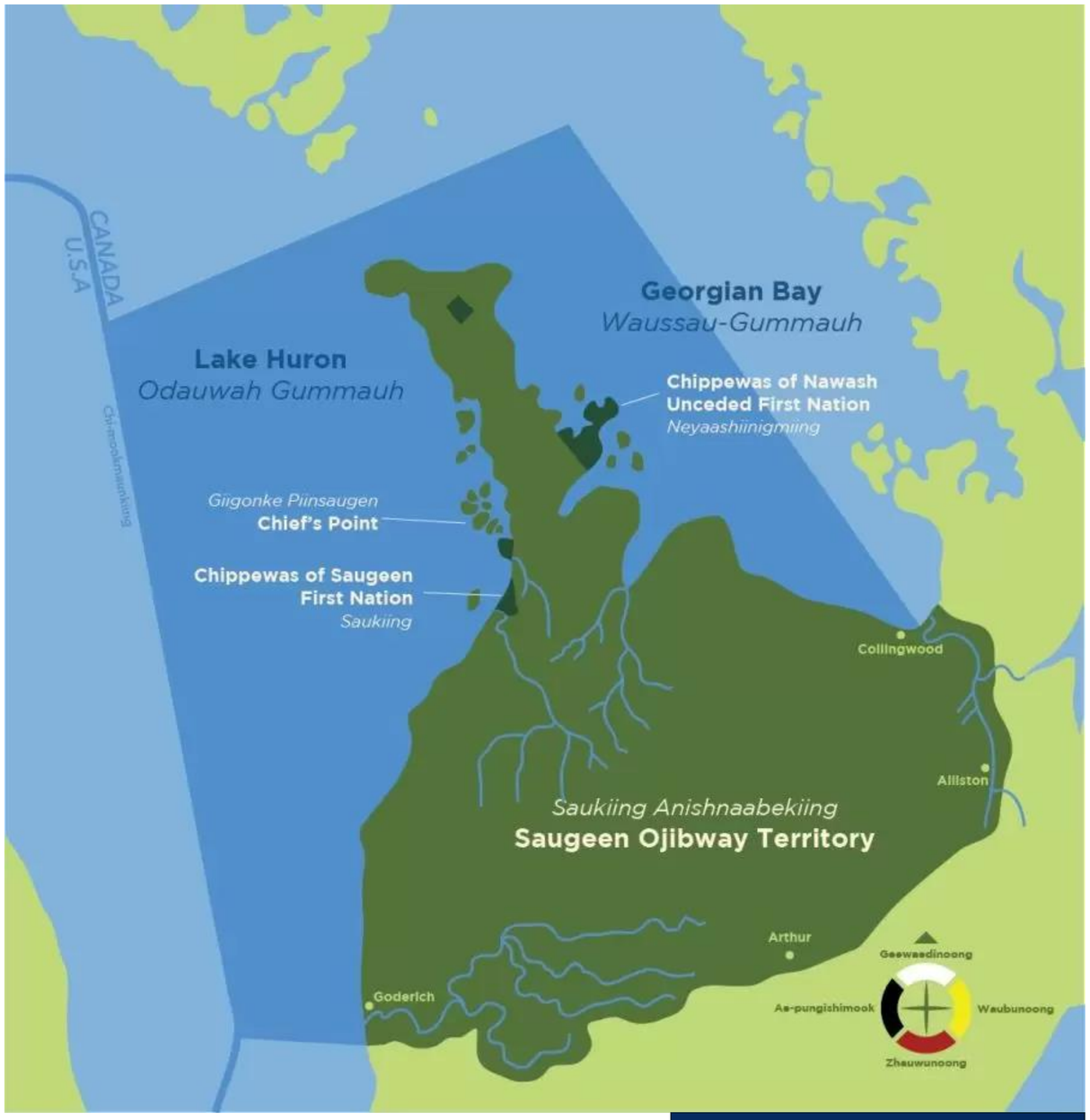
Hornsdale Power Reserve, Australia
(150 MW / 193.5 MWh)

Saugeen Ojibway Nation

Neoen Battery is proposed for development in the Traditional Territory of the Saugeen Ojibway Nation (SON).

Neoen is developing the project in collaboration with the SON Environment Office. Neoen Battery will adhere to SON's rigorous environmental evaluation processes, ensuring Neoen Battery meets the highest standard of environmental stewardship.

Neoen and SON are exploring how the project can generate lasting benefits for SON's communities, including through the possibility of a 50/50 co-ownership.



SON Traditional Territory
Source: SON Environment Office

Site Selection: Sites Under Evaluation

Bruce County is well suited for energy storage:

Major electricity generation hub
Bruce County is where most of Ontario's power is generated making it an ideal location for energy storage.

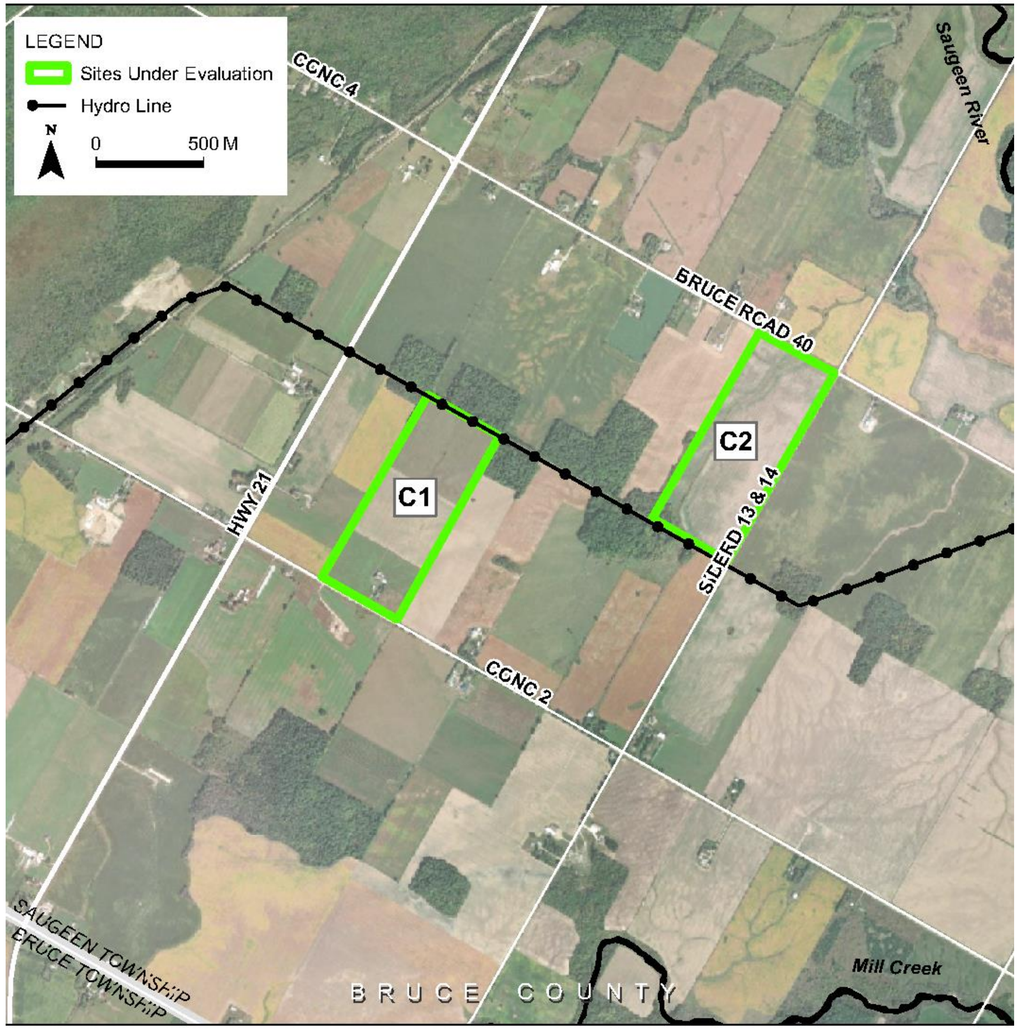
Existing, high-volume transmission infrastructure
The region is home to a transmission corridor that carries large amounts of electricity across the province.

Makes use of the local power generation mix
Energy storage makes use of all forms of electricity generation.

Neoen is evaluating two sites in Saugeen Shores (C1 & C2):

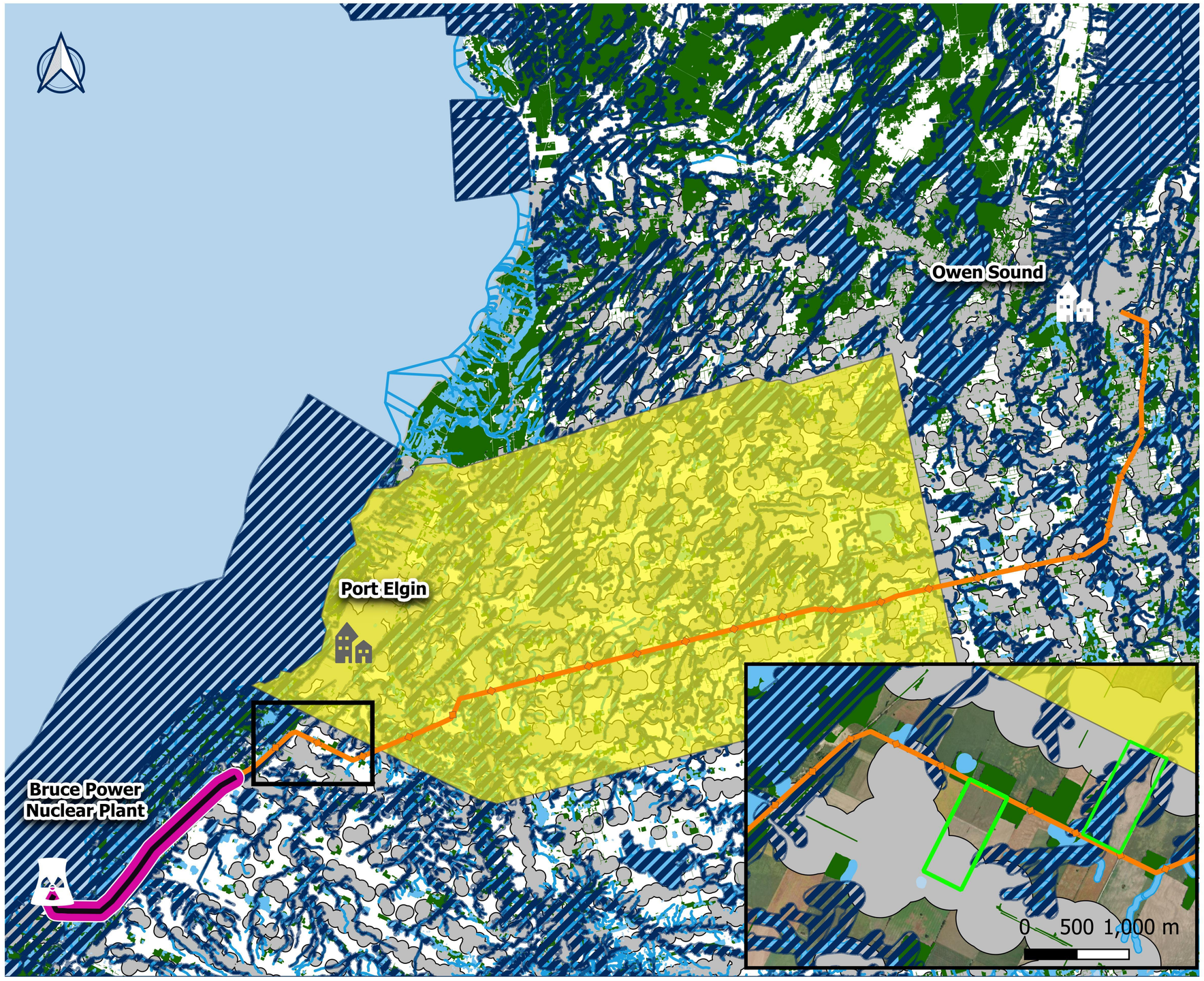
- Proximity to the B27/B28 transmission lines
- Outside of SON's Buffer Zone
- Avoids sensitive environmental areas
- Construction feasibility
- Supportive host landowner

Development Sites Under Evaluation



Feasibility studies, including geotechnical, noise, archaeological, and environmental studies, of sites C1 and C2 are underway. Neoen is gathering feedback from Rightsholders, stakeholders and community. Studies and feedback will inform **selection of a site as early as June 2026**.

Site Selection: Constraints



Neoen Battery
Saugeen Shores

Legend

- Hydro One Interconnection avoidance segment
- Hydro Line B27S / B28S

Constraints

- SON energy buffer zone
- Conservation Authority Regulated Areas
- Watercourses
- Waterbodies
- Wetlands
- Wooded areas
- Setback from residential dwellings

Battery Energy Storage Safety

Our Approach

Prevent

- Safe battery chemistry and thoughtful design
- Standard and certification compliance
- Rigorous safety policies and procedures

Monitor

- Battery Management System (BMS) to monitor temperature, voltage, and more
- 24/7 remote monitoring
- Routine maintenance and testing

Respond

- Automatic BMS response
- Investing in coordinated response and training for first responders

Neoen is a leading, global developer and operator of utility-scale battery energy storage with more than 10 years of experience.

Fire and Environmental Safety

Is Battery Energy Storage safe?

- Yes, battery energy storage systems (BESS) are a safe and proven technology. Utility and residential BESS operate worldwide – including 12 grid-connected BESS facilities already operating in Ontario. Neoen uses LFP batteries which offer a longer lifespan, lower fire risk, and high chemical stability, minimizing the project footprint and risk of hazard. Neoen's BESS facilities are designed with a Battery Management System (BMS) that remotely and automatically monitors and responds to potential hazard events.

Can batteries explode?

- No, batteries do not explode. Explosion risk is mitigated by an automated ventilation of system that is a required industry standard.

How is the risk of fire managed?

- BESS are among the lowest incident risk energy infrastructure. Neoen's BESS are designed to meet global industry standards and certifications that prevent or mitigate fire, and undergo thorough evaluation by local and provincial authorities, including local Fire Departments, before construction and operations.

How is a fire extinguished?

- In a utility-scale battery fire, water may be used to cool surrounding areas. Water is not applied directly to batteries. Battery design and certification prevent fire propagation minimizing the footprint of a potential fire.

What are the water and soil contamination risks?

- In the unlikely event of fire, water is not applied to batteries. Therefore, the risk of contaminated runoff is unlikely. As a precautionary measure, however, energy storage systems are sealed and equipped with a stormwater management system that captures runoff and separates debris and contaminates. Routine testing further mitigates the risk of contamination.

Do Battery Energy Storage Systems emit air pollutants?

- No, BESS do not emit air pollutants. In the rare event of fire, batteries can release gases similar to the gases emitted by a house fire or burning plastic. Neoen will conduct an air dispersion model (ADM) that identifies areas where gases may disperse in the event of a fire. The ADM will inform the Comprehensive Safety Plan for Neoen Battery.

Standards Overview

NFPA – National Fire Protection Association

- “Devoted to eliminating death, injury, property and economic loss due to fire, electrical and related hazards.”
- ESS referenced in NFPA 1, chapter 52; NEC (NFPA 70); and NFPA 855

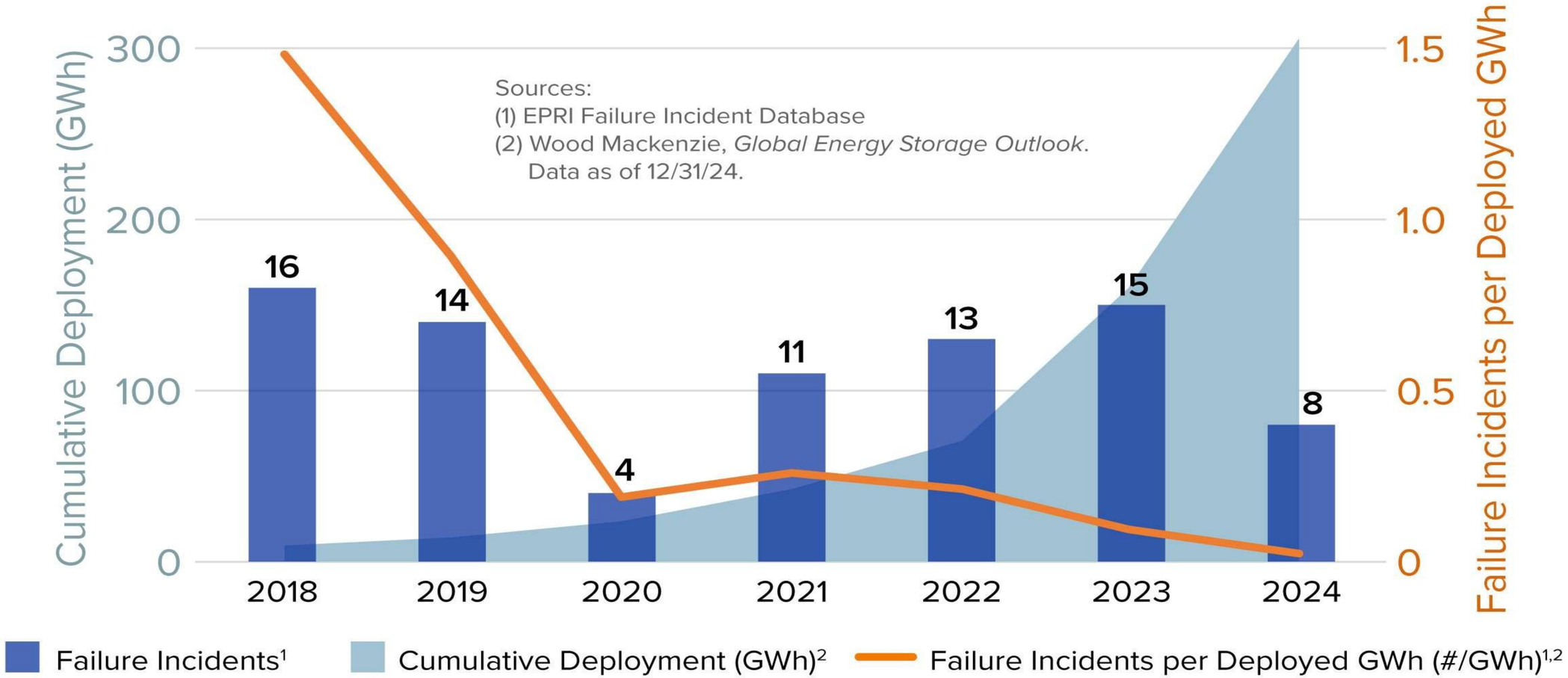
IFC –International Fire Code; published by ICC, International Code Council

- “To provide the highest quality codes, standards, products and services for all concerned with the safety and performance of the built environment.”
- ESS referenced in IFC 2018 and IFC 2021

UL –Underwriters Laboratory

- “To support the production and use of products which are physically and environmentally safe…; to advance safety science through research and investigation… at a fair cost”
- ESS-related components referenced in more than 20 standards/test methods Focus today on key standards/tests for major components: UL 1973 and UL 9540/A, as well as UL 3001 and UL 1974
- New standard UL 5800 under development. Will cover battery containers and storage devices for transport, shipping and storage

Global Grid-Scale Storage Deployment and Failure Statistics



“The failure rate dropped by 98% from 2018 to 2024 as lessons learned from early failures have been incorporated into the latest designs and best practices.”

Energy Safety Response Group

With the experience of over 300 medium and large-scale battery fire tests, ESRG is an industry leader in the training of fire fighters, SMEs and code officials on risks related to ESS fires and overhaul.

This experience also supports product development, permitting, hazard assessment, operational safety, and disposal—working with Hazmat handlers to dispose of ESS in legal and environmentally proper ways.

ESRG is compromised of battery engineers, former AHJs, investigators, and active and retired firefighters from volunteer and professional departments from the midwestern US to New York City.

Our experience allows ESRG to be the industry's only cradle to grave provider of safety services from the inception of product or project development to end of life support and disposal.

Regulatory Approvals Process

Neoen Battery is subject to a Class Environmental Assessment for Minor Transmission Facilities (Class EA for TF) process, in accordance with the Ontario *Environmental Assessment Act*

Once a site is selected, the Class EA process will begin. The following studies will be completed as part of the Class EA for TF:

- Ecological Land Classification and Vegetation Surveys
- Wildlife surveys, including protected species
- Archaeological Assessment (AA)
- Cultural heritage assessment
- Noise Impact Assessment (NIA)
- Agricultural Impact Assessment (AIA)

In addition to the Class EA for TF, Neoen Battery is subject to:

- Municipal land use planning approvals
- Applicable environmental approvals, such as Species at Risk (SAR) and Environmental Compliance Approval (ECA) for stormwater management

End-of-Life Project Planning

As a long-term partner in the communities where we operate, Neoen is committed to ensuring that renewable energy projects are responsibly decommissioned and that project sites are restored at the end of their operating life.

Decommissioning & Site Restoration Security

Neoen will prepare a Decommissioning Plan outlining the decommissioning and restoration of the site. The plan will be reviewed and approved by the Town of Saugeen Shores and backed by financial securities to ensure the site is rehabilitated at the end of the project's operating life.

Neoen's agreements with host landowners include financial security measures that support the responsible decommissioning and restoration of project lands to enable a return to agriculture post-project life.

Recycling & Circular Economy

Neoen promotes the recovery, reuse, and recycling of materials across all project technologies, helping to reduce waste. Leading battery recycling programs can recover up to 98% of battery materials for reuse in new products.

Proven Experience

In 2025, Neoen successfully completed the decommissioning and rehabilitation of the DeGrussa Solar Farm & Battery in Australia. As Neoen's first decommissioned renewable energy asset, DeGrussa represents an important milestone in the company's commitment to responsible decommissioning, recycling, and sustainable site restoration.

Interested to learn more about Neoen’s Sustainability Framework? Visit **neoen.com/en/sustainability/**

Project Timeline

We are here

1 **Site Selection**
Q2 2026
Neoen conducts preliminary research to identify and evaluate potential project sites.

2 **Permit Submissions and Review**
Q3 2026
Neoen submits permit applications for regulatory review.

3 **Permits Approval**
Q1 2027
Authorities may approve or reject the applications.

Subject to Project Approval

4 **Construction**
Q2 2027
Construction of Neoen Battery begins.

5 **Operations**
Q4 2028
Commercial operations of Neoen Battery begin.

Community Benefits

$400,000 annual Community Benefits Fund

- Funds local priorities like community infrastructure, sporting facilities, etc.
- Alternatively, funds may be committed to Municipal budget

Up to $130,000 in municipal tax revenues

- Neoen would enter into a Community Benefits Agreement with local Council
- The Planning Act permits a host municipality to apply a 4% Community Benefits Charge of land value

Over 200 Jobs & Local Opportunities

- 200 skilled and general labour during construction
- Supplier and service contracts for local businesses

Community Art, Heritage & Nature

- A public art installation or refurbishment of heritage sites, designed in consultation with community
- Potential for investments in biodiversity and agricultural land improvements

Community Engagement

We want to hear from you!

- Neoen is consulting Rightsholders, stakeholders, surrounding landowners and occupants, and local businesses.
- We welcome your feedback – all feedback will be considered and will inform site selection and project development.
- Email us at: **neoenbattery@neoen.com**

Want to learn more?

Read more about the project, ask questions, and share your feedback on our project website.