

Lily Lake Storage Project — Consultation Report

Location: 277 Lily Lake Rd, Selwyn, Ontario

Prepared by: Nexus Energy

Proponent: 16656048 Canada Inc.

Energy Capacity: 80 MWh AV

Technology: Battery Energy Storage Project

Date: 4-Nov-2025

Disclaimer

This is a draft version submitted to support Municipal Support Resolution. The final version will be provided during the Development stage.

This Consultation Report is a controlled document. Printed copies are uncontrolled. Ensure you are using the latest approved version.

1. Table of Contents

Disclaimer	1
2. Introduction	3
3. Pre-Consultation Meetings	3
4. Public Consultation Process.....	4
a. First Public Meeting	4
b. Notices	5
c. Summary of First Public Meeting	5
d. Future Consultations	5

2. Introduction

Nexus Energy, on behalf of 16656048 Canada Inc., is developing an 10MW/80MWh BESS project at 277 Lily Lake Rd, Selwyn. The intent of this Consultation Report is to provide an overview of consultations completed to date as well as provide a plan for future consultations. This report outlines the consultations completed to date as well as an outline of consultations to be completed throughout the development of the Lily Lake Storage Project.

3. Pre-Consultation Meetings

Nexus has held 2 Pre-Consultation Meetings with the Township of Selwyn. The first was held on May 21, 2025 and was a general introduction to Nexus. Discussions topics included: Who Nexus was, the technology to be used and size of the project, the LRP 2 process, Municipal requirements and battery safety. On September 17, 2025 Nexus attended a formal Pre-Consultation Meeting hosted by the Township of Selwyn as a part of the Municipal Support Resolution process. The following Attendees were invited:

Invitee	Attended
Per Lundberg, Township of Selwyn (Planning)	Yes
Robert Kelly, Township of Selwyn (Building & Planning)	Yes
Janice Lavalley, Township of Selwyn (CAO)	Yes
Angela Chittick, Township of Selwyn (Clerk)	Yes
Gord Jopling, Township of Selwyn (Fire)	Yes
Nicole Hendricks, Township of Selwyn (Planning)	Yes
Marnie Guindon, Otonabee Region Conservation Authority	Yes
Jennifer Clinesmith, Peterborough County (Planning)	Yes
Keziah Holden, Peterborough County (Planning)	Yes
Tom Cowie, Hiawatha First Nation	Yes
Curve Lake First Nation	No
Adam Tobin, Township of Selwyn (Public Works)	No
Alderville First Nation	No
Pete Hynes, County of Peterborough (Public Works)	No

A summary of the topics discussed and the input from the attendees present was provided to Nexus on October 2, 2025 in the form of the Pre-Consultation Meeting Minutes documented by the Township of Selwyn. Key points

- The project land is designated Rural in the County OP. Electric power facilities are generally permitted in all land use designations.
- The proposed development will have minimal impact on County infrastructure
- An open house is required with 30-day clear notice required. Corporate Services provide a mailing list for the meeting.

- The Township Building & Planning Department provided a list of requirements to be considered as a part of Municipal Support Resolution (MSR) and required in the Development Agreement. These included:
 - Traffic Impact Study including haul route information
 - Archaeological Assessment
 - Environmental Impact Study (may include floodplain study)
 - Noise Impact Study
 - Stormwater management plan
 - Site plan
 - Emergency response plan (may be included in TIS)
 - GHG benefits statement (may be included in EIS)
 - Decommissioning plan
 - Floodplain study
- The Hiawatha First Nation has requested an archaeological assessment be completed
- The Otonabee Conservation Authority (OCA) has determined that the subject property appears to be outside of the area where the SPP policies apply and a Restricted Land Use Notice is not required
- The OCA has requested a Flood Plain study be completed

4. Public Consultation Process

Nexus is committed to a robust Public Consultation process to receive feedback, understand and concerns, and develop the best project possible. The initial Public Open House will be held on October 27th, 2025 in support of an MSR from the Township. Nexus anticipates more public consultations as the project development progresses and designs are refined. We anticipate holding a minimum of 1 more open house during the Municipal Approvals phase (likely Q4 2026) as well as final consultation once the design is finalized and before construction starts if there is sufficient public interest.

a. First Public Meeting

Nexus held a Public Open House meeting on October 27, 2025 from 6 – 8pm at the Peterborough Curling Club. This meeting was an Open House style meeting with 16 Poster Boards containing project information set up about the venue and representatives of Nexus Energy and Stantec (Consultant to Nexus) were available to greet the attendees and answer questions.

Project information will be kept up to date and feedback and questions will be continually sought through the project website: nexusenergy.com/Projects/

b. Notices

Notices to all landowners were sent to all neighbouring landowners by UPS on or before September 26th, 2025 or 32 days prior to the event. A pre-paid private courier (UPS) was utilized as first-class mail service was unavailable due to a Canada Post strike.

A notice was also printed in the September 26, 2025 issue of the Peterborough Examiner.

Copies of the notice and mailing list are included in Appendix A. Additionally, email invitations were sent to:

- Township Staff
- Hiawatha First Nation
- Alderville First Nation
- Mississaugas of Scugog Island First Nation
- Curve Lake First Nation
- Chippewas of Rama First Nation
- Chippewas of Georgina Island First Nation
- Beausoleil First Nation
- Mayor and Council members for the Township

Copies of the notice were sent to the Township Building and Planning staff for public posting and were also posted on the project website at: nexusenergy.com/Projects/Project-Documents/

c. Summary of First Public Meeting

A total of 7 people attended the meeting where they were able to review a total of 16 posters boards (Appendix B). Nexus and Stantec staff were present and had several in depth discussions with the attendees. Key topics discussed included:

- Safety, including fire risk and suppression
- Noise
- Proximity of the site to wetlands
- Rationale for selecting this particular site

A total of 3 comment forms were received at the Public Open House and 0 were received after the event as of the date of this report. Nexus will continue to seek feedback and accept comments and feedback throughout the entire development process. A summary of the questions/comments and responses can be found in Appendix C.

d. Future Consultations

Nexus is committed to undertaking a robust consultation process. To date consultation activities which have been completed are:

- Pre-Consultation Meeting with Township Staff and interested Parties held on September 17th, 2025
- Project Open House 1 held on October 27, 2025

We anticipate holding the following consultations during the Project Development phase after IESO contract award and prior to construction start.

Group	Anticipated Timeframe
Township of Selwyn	Ongoing through to construction start
Province of Ontario	As needed, Q2 2026 through Q2 2027
Federal Agencies	If needed, Q2 2026 through Q2 2027
Public Open House 2	Likely Q4 2026 (est.)
Public Open House 2	If needed, Q4 2027 (est.)
Peterborough County	Ongoing through to construction start
Otonabee Region Conservation Authority	Q2 2026 through Q2 2027
Hiawatha First Nation	Q2 2026 through construction start
Alderville First Nation	Q2 2026 through construction start
Mississaugas of Scugog Island First Nation	Q2 2026 through construction start
Curve Lake First Nation	Q2 2026 through construction start
Chippewas of Rama First Nation	Q2 2026 through construction start
Chippewas of Georgina Island First Nation	Q2 2026 through construction start
Beausoleil First Nation	Q2 2026 through construction start

Appendix A – Copy of Meeting Notice and Mailing List

September 26, 2025

Notice of Public Open House

Lily Lake Storage Project

16656048 Canada Inc. (“the Proponent”) is currently exploring a battery energy storage system (BESS) project in the Township of Selwyn. The proposal will be a small-scale BESS, with a storage capacity of approximately 5 to 10 MW. The Lily Lake Storage Project (the “Project”) is being developed in response to the Long-Term 2 Capacity Services Request for Proposals (LT2(c-1) RFP) issued by the Government of Ontario through the Independent Electricity System Operator (IESO). See Figure 1 for the proposed Project location at 277 Lily Lake Road, southeast of the intersection of Stockdale Rd and Lily Lake Rd (2 Line), in the Township of Selwyn.

As part of this process, the Proponent is requesting a Municipal Support Resolution from the Township of Selwyn for the proposed Project, which is a requirement for the LT2(c-1) RFP.

The Project is anticipated to consist of approximately 20 to 30 BESS containers, an internal access road, other necessary electrical cabling and infrastructure, and safety systems. The proposed development site would be approximately 0.2 to 0.4 hectares (0.5 to 1 acre) in area. The exact location and layout of the infrastructure within the Project development area will be determined through further technical and engineering studies, equipment procurement, and any other required permitting/approvals.

Subject to the outcome of the LT2(c-1) RFP and Project development timelines, construction is proposed to begin in 2029 with a planned in-service date in 2030.



Public Open House Details

As per the requirements of the Township of Selwyn, the Proponent will be holding an in-person Public Open House with details noted below. We invite you to join us to learn more about the Project.

In-person Public Open House

Date: Monday, October 27, 2025

Time: 6:00 PM – 8:00 PM

Location: Peterborough Curling Club

2195 Lansdowne St W, Peterborough, ON K9J 0G5

This will be an open house format with display boards providing Project information. Project Team members will be available to answer questions. Everyone is welcome to join at any time between the hours noted above. Light refreshments will be provided.

We welcome your feedback regarding the planned Project. If you are unable to attend the meeting, have questions or would like additional information, please contact the Project Contact below.

Project Contact:

Yogesh Kumar

Project Manager

Nexus Energy

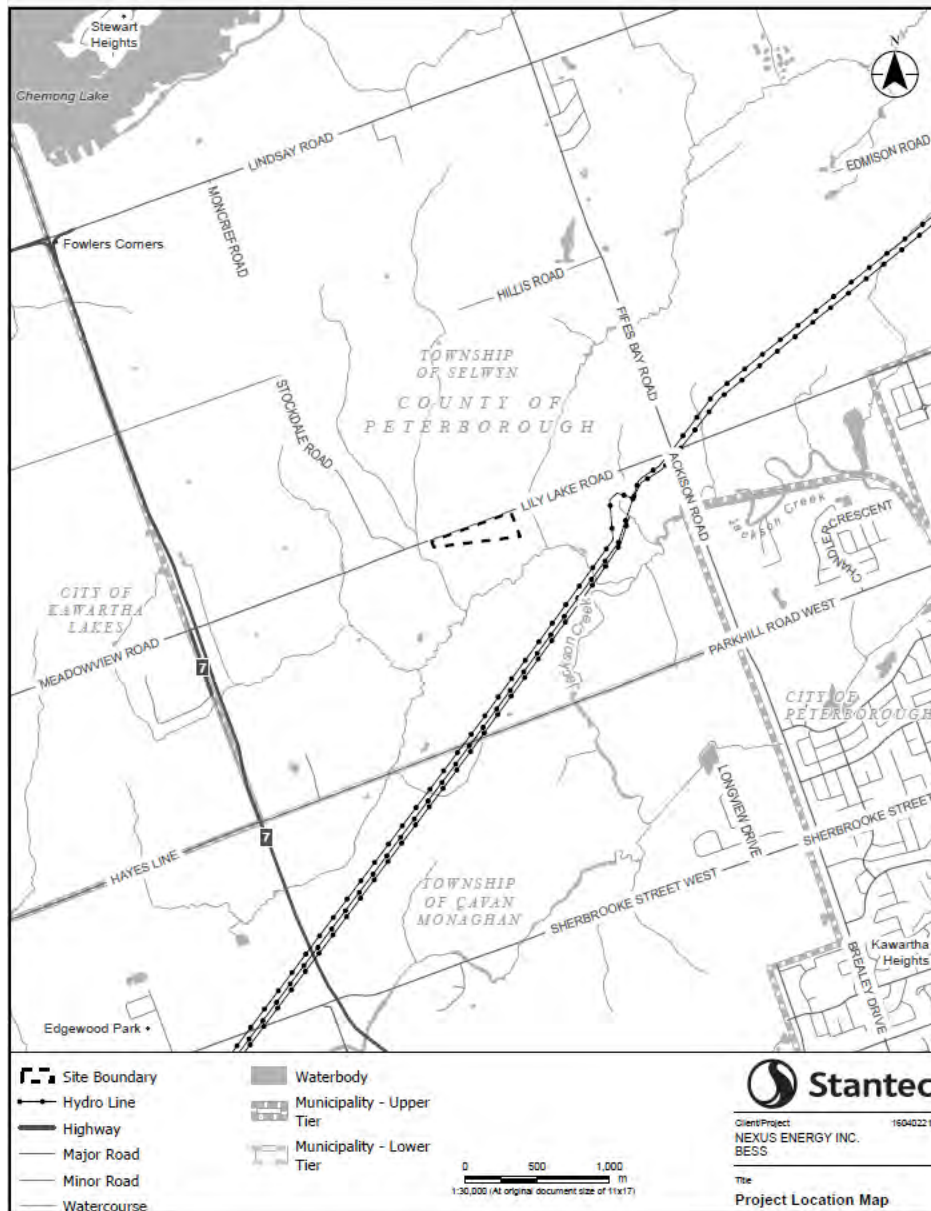
yogesh.kumar@nexusenergy.com

Written comments received by **November 3, 2025**, will be incorporated into the record to the Township of Selwyn for their consideration. Information regarding the Freedom of Information and Protection of Privacy Act¹ can be viewed below.

¹ All personal information included in a submission – such as name, address, telephone number and property location – is collected under the authority of Section 1.0.1 of the *Planning Act* and maintained for the purpose of creating a record that is available to the general public. As this information is collected for the purpose of a public record, the protection of personal information provided under the *Freedom of Information and Protection of Privacy Act* do not apply (s.37). Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential.

As the Project progresses, Project updates and resources will also be made available on the Project Website: <https://www.nexusenergy.com/Projects/>.

Figure 1 - Project Location Map



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OBITUARIES

OBITUARIES



DOYLE, Marlene
June 25, 1945 -
September 22, 2025

In Loving Memory of Alice "Marlene" Doyle (nee Harron) Passed away peacefully at the Haliburton Hospital on Monday, September 22, 2025, with her loving family by her side.

Beloved wife of Wilfred D. Doyle for 34 years. Loving mother of Merrill Nuttall, Darrin (Susan) Nuttall, Rick (Larnee) Nuttall, Tracy (Darrell) Bishop and stepmother of David Doyle and Paula Jenkins. Loving grandmother of 10 grandchildren and one unborn great-grandchild. Dear sister of Richard (Sandra) Harron and predeceased by her brothers, Everett and Douglas Harron. Fondly remembered by her step brother-in-law, Donald Doyle, and predeceased by Gerald Doyle and Patrick Doyle.

A Memorial Service to Celebrate Marlene's Life will be held at the Gordon A. Monk Funeral Home Ltd., 127 Bobcaygeon Road, P.O. Box 427, Minden, Ontario K0M 2K0 on Thursday, September 25, 2025, at 1:00 p.m. Reception to follow in the family centre at the funeral home. Cremation has taken place.

Memorial Donations to Canadian Cancer Society would be appreciated by the family.



We are sad within our memory, truly we are not today.

Published in memory, passed in pain, our love is your greatest gain.



CHYNOWETH, Susan
April 30, 1956 - 2025

Chynoweth, Susan Margaret (Bullock) (née Pimmitt)

With heavy hearts we announce the passing of Susan Margaret (Bullock) Chynoweth (née Pimmitt) on September 22, 2025 of Keene, Ontario. Condolences may be sent to <https://www.ashburnhamfuneral.ca/community-alternative-obituaries>

IN MEMORIAM



PLUMLEY, Judy
December 3, 1951 -
September 27, 2018

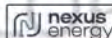
Seven years have passed, but we still feel your love. Wife, mom, grandmother, sister, aunt, and friend so dear. Your spirit still guides us, your kindness remains. In our hearts forever, we miss you and love you so.

And while you lie in peaceful sleep, your memory we shall always keep.

MARKETPLACE

NOTICE BOARD

PUBLIC NOTICE



Notice of Public Open House

Lily Lake Storage Project

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As part of this process, the Proponent is requesting a Municipal Support Resolution from the Township of Selwyn for the proposed Project, which is a requirement for the LTCS-RFP. The Project is anticipated to consist of approximately 20 to 30 BESS containers, an internal access road, other necessary electrical cabling and infrastructure, and safety systems. The proposed development site would be approximately 0.2 to 0.4 hectares (0.5 to 1 acre) in area. The exact location and layout of the infrastructure within the Project development area will be determined through further technical and engineering studies, equipment procurement, and any other required permitting/approvals.

Subject to the outcome of the LTCS-RFP and Project development timelines, construction is proposed to begin in 2025 with a planned in-service date in 2030.

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We welcome your feedback regarding the proposed Project. If you are unable to attend the meeting, have questions or would like additional information, please contact the Project Contact below.

Project Contact:

Yogesh Kumar

Project Manager

Nexus Energy

yogesh.kumar@nexusenergy.com

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JUMBLE

Unscramble these Jumbles, one letter to each square, to form four ordinary words.

LAISA
UTTSN
NERDEG
LERIOO

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Yesterday's Jumbles: SALAD GROSS OLIVER BATTEN
Answer: After receiving a patient for the rubber heel, Humphrey O'Sullivan made — GREAT STRIDES

THAT SCRAMBLED WORD GAME

By David L. Hoyt and Jeff Kruek

You've got the one long enough. No need to make you need a replacement.

SHE DISAGREED WITH THE DOCTOR'S TREATMENT PLAN FOR HER KNEES, BUT SHE HAD NO

Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

(Answers tomorrow)

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Appendix B – Copy of Meeting Information Boards



NEXUS
ENERGY INC.

Thank you for coming to the
Lily Lake Storage Project
Open House

Kindly check in at the desk.

ABOUT NEXUS



NEXUS
ENERGY INC.

A Canadian Company Offering Smart, Diversified Energy Solutions



Nexus Energy Inc. is a privately held energy company headquartered in Toronto, Ontario. We are active in trading electricity across Eastern Canada, the Northeastern U.S., and Western markets, while also providing power price risk management solutions to large commercial and industrial customers in Ontario.

THE LILY LAKE STORAGE PROJECT

Reliable. Affordable. Sustainable



NEXUS
ENERGY INC.

The Challenge

Ontario's electricity system is under pressure:

- Nuclear refurbishments are reducing supply.
- Demand is rising from population growth, economic expansion, and the electrification of vehicles and industries.

The

Response

- To bridge this gap, the IESO launched the Long-Term 2 RFP
- Targeting 600 MW of new capacity from storage and generation resources.

The Solution

- **Balances demand** – charges at low demand and dispatches at high demand
- **Boosts grid reliability** – stable operations
- **Lowers costs** – reduces expensive peak demand and natural gas use
- **Supports sustainability** – cuts greenhouse gas emissions
- **Smart alternative** – less need for new transmission lines

WHAT IS THE LILY LAKE STORAGE PROJECT?

The Lily Lake Storage Project stores excess electricity and releases it when demand is high, providing a reliable, cost-efficient, and sustainable energy system.



**NEXUS
ENERGY INC.**

How It Works



Charging

Electricity from the grid charges the batteries overnight when demand is low



Storage

Electricity is stored in the batteries until needed



Discharge

Electricity is discharged from the batteries to the grid when demand is high

Key

Benefits

- Stores excess electricity & delivers during peak demand
- Reduces reliance on natural gas, lowering costs
- Cuts emissions & supports sustainability goals
- Strengthens grid stability & avoids costly transmission lines
- Supports Ontario's efforts to meet growing demand

PROJECT STAGES



1



SECURING LAND

2



**OBTAIN MUNICIPAL
SUPPORT RESOLUTION**

3



SUBMIT TO IESO RFP

6



**CONNECTS TO THE
DISTRIBUTION LINE FROM
THE SUBSTATION.**

5



**BUILT BY A LEADING EPC
CONTRACTOR**

4



**SECURES ALL REQUIRED
MUNICIPAL, PROVINCIAL,
AND FEDERAL APPROVALS.**

KEY ENVIRONMENTAL PERMITS AND APPROVALS



NEXUS
ENERGY INC.

- Municipal permits and approvals under the Planning Act and/or Building Code, as applicable, based on further consultation with municipal staff.
- Environmental Activity and Sector Registry (EASR) for air/noise, administered by the Ministry of Environment, Conservation, and Parks (MECP).
- Environmental Compliance Approval or EASR for sewage/stormwater management. To be confirmed with MECP and/or the municipality.
- Conservation Authority permit for any development activity proposed within the Regulated Area of Otonabee Conservation.
- Approvals under the Endangered Species Act, 2007 or new Species Conservation Act, 2025, as appropriate.
- Review of the Archaeological Assessment(s) by the Ministry of Citizenship and Multiculturalism.

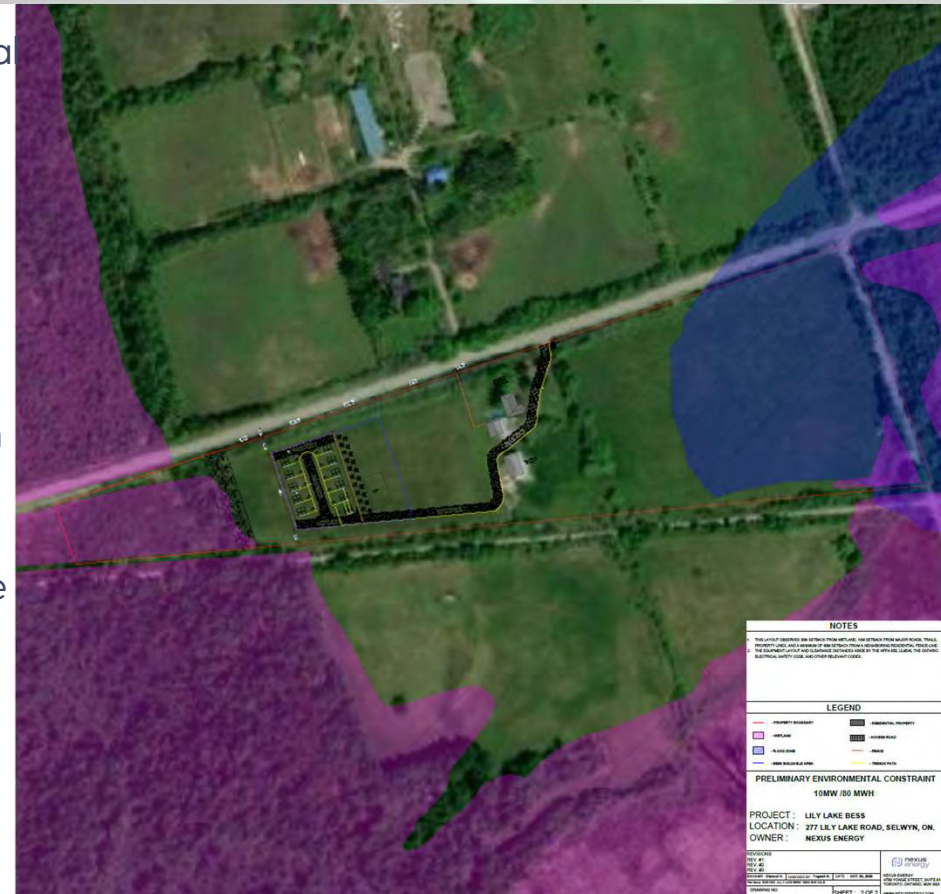
Note

Due to the project's smaller size and minimal expected environmental impact, this project does not require a provincial or federal environmental assessment.

PRELIMINARY ENVIRONMENTAL CONSTRAINT FINDINGS



- A preliminary site visit was undertaken to review existing natural heritage conditions and identify key constraints that could influence Project setbacks and permitting.
- Wetlands (mapped Provincially Significant) are present within and adjacent to the Site Boundary.
- A watercourse (Jackson Creek tributary) runs adjacent to the Site Boundary.
- Potential Wildlife Habitat and Species at Risk may be present in the area.
- The Project is within the Otonabee Conservation Watershed, and a portion of the Site Boundary appears to be regulated due to wetlands and possibly floodplain associated with the adjacent watercourse.
- Further review and assessment would be required as part of a future Environmental Impact Study and Floodplain Study, which will inform the Project design and recommend mitigation measures.







NEXUS
ENERGY INC.

BESS COMPONENTS



PROJECT OVERVIEW



PROJECT

DETAILS



Capacity: 10 MW / 80 MWh AC

Location: 277 Lilly Lake Road, Selwyn, ON K9J 6X4

Footprint: 1 acre

Status: Development



Technology: Lithium-Ion Battery Energy Storage System (BESS)

Interconnection: Local Distribution 44 kV line



Safety Features

- Multiple hardware & software safety systems
- Designed to prevent errors and contain fires
- Extremely low risk of fire or explosion
- Rigorous testing ensures operational safety

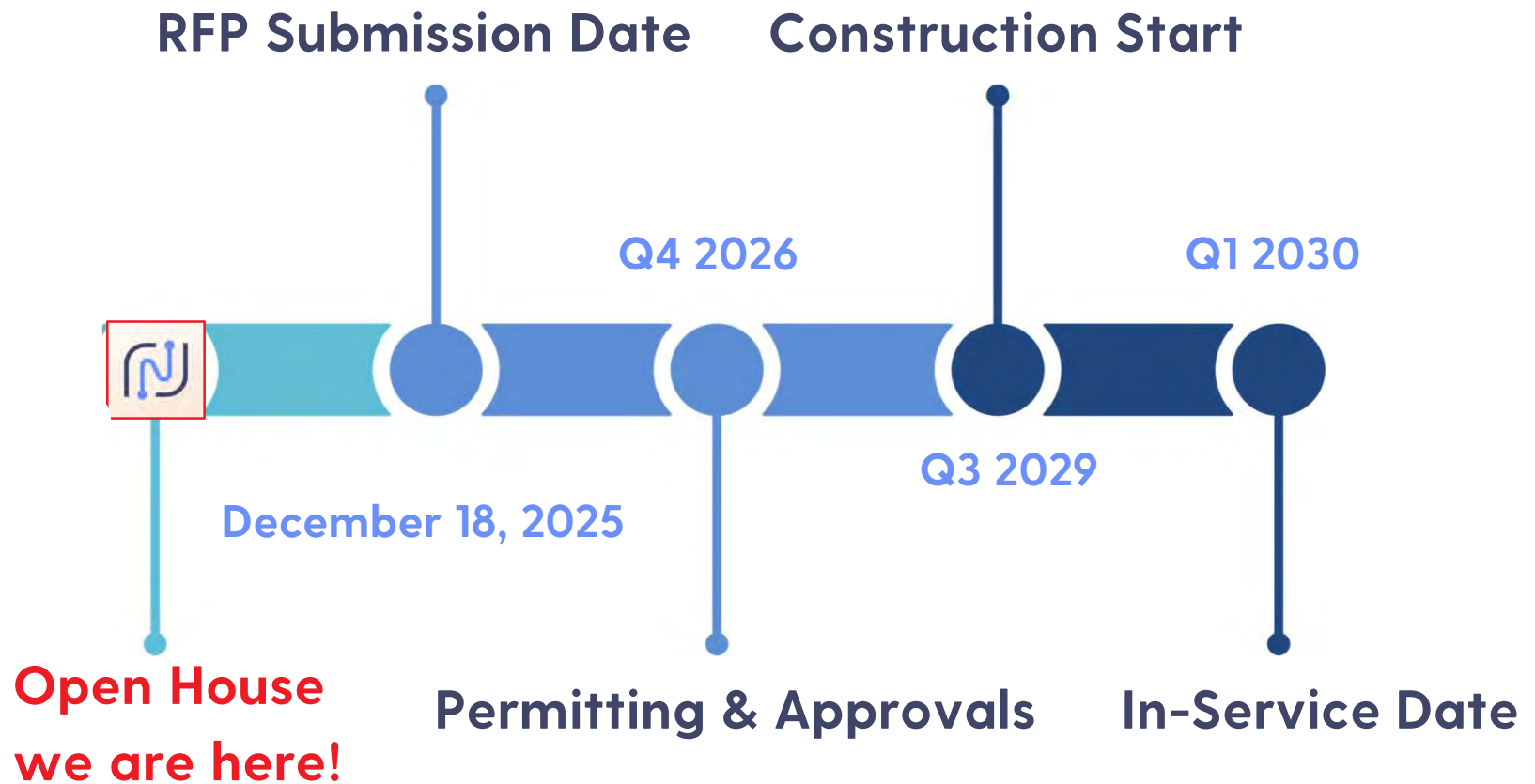
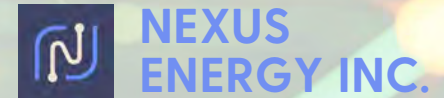


Key Components



- 20–30 modular, outdoor-rated enclosures (shipping container size)
- Integrated fire detection suppression system
- Medium voltage transformers & inverters

PROJECT TIMELINE



FUTURE TECHNICAL STUDIES AND REPORTS



AGRICULTURAL IMPACT ASSESSMENT

To identify and assess potential effects associated with developing prime agricultural land and recommend strategies to avoid, or limit and mitigate, impacts through site design, buffering, and other measures.

TRAFFIC IMPACT ASSESSMENT

To assess the capacity of surrounding roads in the context of anticipated project related traffic and placement of project infrastructure and, if warranted, recommend changes to mitigate potential impacts.

ARCHAEOLOGICAL ASSESSMENT

To identify the potential presence of archaeological resources and outline strategies to either preserve these resources in place or document and mitigate impacts before development proceeds.

ENVIRONMENTAL IMPACT ASSESSMENT

To review potential impacts to natural heritage features and natural hazards and recommend mitigation measures

FLOODPLAIN STUDY

To confirm the extent of the Regulatory Floodplain based on guidance from Otonabee Conservation.

NOISE IMPACT ASSESSMENT

Quantifies noise that may be generated from a proposed use and, if warranted based on provincial guidelines, recommend mitigation measures when sensitive uses (like residential areas, schools, or hospitals) may be impacted.

STORMWATER MANAGEMENT PLAN

To provide a management approach for control and treatment (if required) of stormwater before stormwater is released from the property.

EMERGENCY RESPONSE PLAN

To outline procedures in the event of an emergency. The plan is prepared in collaboration with Township emergency services.

DECOMMISSIONING PLAN

To provide decommissioning plans following the operating life of the Project, including removing Project components and restoring the lands.



**NEXUS
ENERGY INC.**

5. Review & Improvement

- Post-event assessment
- Update systems and plans based on learnings

4. Alarm & Response

- Combined aural & visual alarm (1): Alerts personnel of a fire event
- Coordination & training with the local Fire Department
- Firefighters access via the DN65 interface

3. Suppression

- Aerosol system (6 units): Rapidly extinguishes thermal runaway when activated
- Water-based system: External DN65 firefighter pipe for rapid intervention
- Fire Control Panel (1): Receives detector signals, controls fire extinguishing system & smoke exhaust in Electrical Compartment



1. Prevention

- Fire protection system designed per NFPA 855 & Hydro One standards
- Proper cell management to reduce the risk of thermal runaway

2. Detection

- Heat detectors (2): Monitor temperature in Battery Compartment
- Smoke detectors (3): Detect smoke particles – 2 in Battery Compartment, 1 in Electrical Compartment
- Combustible gas detectors (2): Detect hydrogen in Battery Compartment

ECONOMIC BENEFITS



TAX REVENUE

Reliable contributions to the Municipality's tax base with minimal demand on local services



EMPLOYMENT

Jobs for local workers, contractors, and suppliers during development, construction, and operations



LOCAL ECONOMY BOOST

Preference for local services and contractors; workers may require local accommodations; landowners benefit from stable, long-term income

Community Engagement

At Nexus Energy, we collaborate with Indigenous communities, municipalities, regulators, and stakeholders throughout the LT2 process and beyond.



Listening and collaborating with the local community is a priority at every stage of the Lily Lake Storage Project.

Stay Updated

Please scan the QR code to access our website.

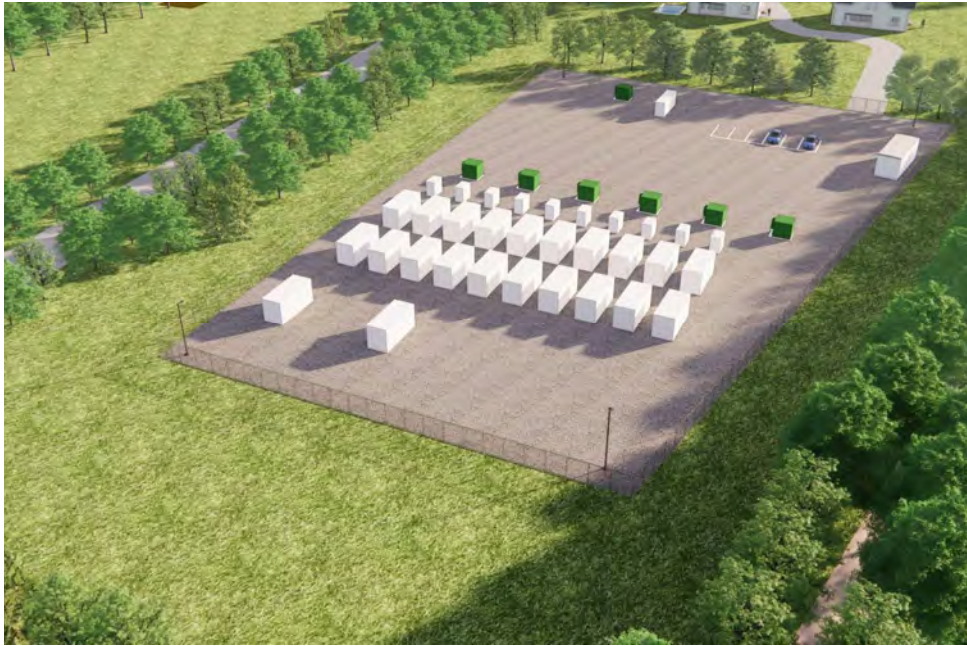


Our website will be updated regularly with the latest information on the
Lily Lake Storage Project.
You can also use the contact form on the website to submit any comments or
questions you may have.



NEXUS
ENERGY INC.

WHAT A BESS PROJECT LOOKS LIKE



View

1



View

2

Lily Lake Storage Project - Public Open House Sign-in Sheet

October 27, 2025 from 6:00 PM – 8:00 PM

Peterborough Curling Club, 2195 Lansdowne St W, Peterborough, ON K9J 0G5

Full name (please print)	Telephone	Email	Address (include postal code)
Kelly Vessel	977-0764		341 Stockdale Rd. Selwyn ON K9J 6X4
David Vessel	875-3653		" " " "
Janice Lavalley		j.lavalley@selwyntownship.ca	Township of Selwyn
Ron Black	933 6517	RBLACK@SelwynTransit.ca	

All personal information included in a submission – such as name, address, telephone number and property location – is collected under the authority of Section 1.0.1 of the *Planning Act* and maintained for the purpose of creating a record that is available to the general public. As this information is collected for the purpose of a public record, the protection of personal information provided under the *Freedom of Information and Protection of Privacy Act* do not apply (s.37). Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential.

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October 27, 2025 from 6:00 PM – 8:00 PM

Peterborough Curling Club, 2195 Lansdowne St W, Peterborough, ON K9J 0G5

Full name (please print)	Telephone	Email	Address (include postal code)
JOHN BOYKO	705-313-6891	jboyko@selwyn township.ca	8 William St Box 98 Lakefield on K0Z 2H0
Angie Chittick		achittick@selwyn township.ca	Twp of Selwyn

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Full name (please print)	Telephone	Email	Address (include postal code)
AMRITAS SINGH RANGI	416-992-6421	amritas1@gmail.com	355 LILY LAKE RD. SELWYN, ONT.

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Appendix C – Comments and Responses

Comment	Response
Please give me more information on fire suppression	Details on Fire Suppression can be found in the Emergency Response Plan The most comprehensive review of battery safety and fire suppression is the one completed by the NY State Inter-agency Working Group. Details of their review and recommendations can be found at: New York's Inter-Agency Fire Safety Working Group - NYSERDA
Wetlands – Proximity to wetlands and Jackson Creek	The project meet the setback requirements for development near wetlands. A floodplain study and wetland delineation will be completed as a part of the development of the project with review and approvals from the Otonabee Conservation Authorities. Additionally a Stormwater Management Plan (SWP) will be completed and implemented to ensure no impacts to the wetlands.
Rural Wells	Only minor earthworks are expected to be needed for the construction of the project. A SWP will be implemented to ensure there is no runoff during and after construction and no impacts on local wells from the project are expected.
Property Re-Saleability and Value	The project is very small (~1 acre) and screened from view by existing vegetation and is expected to be minimally intrusive. While there have been no studies to date on the impact of BESS and property values, large scale studies on wind and solar have shown minimal to no impacts on property value.
Noise – Project is located in a basin and concerned that this may cause problems.	The noise emitted by the equipment is relatively low (XX dB). A preliminary noise study has shown that the noise at the property lines is at or below background noise. This study was very conservative and assigned an YYdB penalty due to the tonal nature of the source and did not account for existing vegetation screening
Fire and Potential Land Contamination	The project will be built with the best available fire protection technology including the use of LiFePO4 cell chemistry which is highly resistant to thermal runaway. Consultations with the Selwyn Fire Department have commenced and training will be provided. The batteries in the BESS system contain very little material that could be deemed hazardous in the event

	of a fire. Extensive air, soil, and water testing was completed at the site of 3 battery fires which occurred in 2023 in NY state. No harmful levels of toxin were detected at any of the fire sites.
New Technology – Not able to fully assess risk long-term	Lithium-Ion battery based energy storage has seen widespread adoption for over 10 years with over 300 in operation across North America. The technology is well understood and safety equipment, procedures, and equipment has improved significantly. A comprehensive risk assessment was undertaken by the : New York’s Inter-Agency Fire Safety Working Group - NYSERDA

Appendix D – Copy of Comment Forms

Community Engagement Feedback Form for the Lily Lake Storage Project

16656048 Canada Inc. ("the Proponent"), is currently exploring a battery energy storage system (BESS) project in the Township of Selwyn. The Lily Lake Storage Project (the "Project") is proposed to be a small-scale BESS, with a storage capacity of approximately 5 to 10 MW. We invite you to provide your feedback to the Project team. Please include your contact information so you can continue receiving Project updates and resources related to this Project. Updates will also be made available on the Project website: <https://www.nexusenergy.com/Projects/>

Contact Information

Name:

John Boyko

Email:

jboyko@selwyn township.ca

Mailing Address

(please include postal code):

8 William St. Box 98

Lakefield ON K0C 2H0

I am a:

☐ Nearby resident

☐ Business owner

☒ Other

councillor

Would you like to be added to the Lily Lake Storage Project mailing list for future Project updates?

☐ Yes, please add me to the Project mailing list

☒ No, thank you

Please share your feedback on the following topics (continued on the back):

What are the most important topics to you for this project? (e.g., Safety, Natural Heritage, Land Use, Archaeology, Noise, other)

Please give me more info on
fire suppression.

How do you think the Project could benefit the community?

Additional Comments or Questions

Thank you for your time and input! Your completed feedback form can be left at the Welcome table on the way out. Alternatively, you can submit any feedback through the Project Contact Form on the Project website at: <https://www.nexusenergy.com/Projects/> or by email to: lilylakesp@nexusenergy.com.

Written comments received by **November 3, 2025**, will be incorporated into the record to the Township of Selwyn for their consideration. Information regarding the Freedom of Information and Protection of Privacy Act¹ can be viewed below.

¹ All personal information included in a submission – such as name, address, telephone number and property location – is collected under the authority of Section 1.0.1 of the *Planning Act* and maintained for the purpose of creating a record that is available to the general public. As this information is collected for the purpose of a public record, the protection of personal information provided under the *Freedom of Information and Protection of Privacy Act* do not apply (s.37). Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential.

Community Engagement Feedback Form for the Lily Lake Storage Project

16656048 Canada Inc. ("the Proponent"), is currently exploring a battery energy storage system (BESS) project in the Township of Selwyn. The Lily Lake Storage Project (the "Project") is proposed to be a small-scale BESS, with a storage capacity of approximately 5 to 10 MW. We invite you to provide your feedback to the Project team. Please include your contact information so you can continue receiving Project updates and resources related to this Project. Updates will also be made available on the Project website: <https://www.nexusenergy.com/Projects/>

Contact Information

Name:

DAVE VESSEL

Email:

davevesse1@hotmail.com

Mailing Address

(please include postal code):

341 STOCKDALE RD.

SELWYN ON.

I am a:

- ☒ Nearby resident
☐ Business owner
☐ Other _____

Would you like to be added to the Lily Lake Storage Project mailing list for future Project updates?

- ☒ Yes, please add me to the Project mailing list
☐ No, thank you

Please share your feedback on the following topics (continued on the back):

What are the most important topics to you for this project? (e.g., Safety, Natural Heritage, Land Use, Archaeology, Noise, other)

- WETLANDS, RURAL WELLS (AQUAFIER)
- NOISE (INVERTER/RECTIFIER/FAN HARMONICS)
 - THE PROPOSED LOCATION IS A BASIN & BACKGROUND NOISE REFLECTS LIKE AN AMPHITHEATRE & DOES NOT ATTENUATE LIKE FLAT TOPOGRAPHY

~~How do you think the Project could benefit the community?~~

cont'd.

- PROPERTY RE-SALEABILITY & VALUE.

Additional Comments or Questions

I AM NOT SURE WHY ORCA OR THE TOWNSHIP WOULD ENTERTAIN THIS LOCATION, BEING SO PROXIMAL TO WETLANDS. THE ADJACENT WETLANDS ARE NOT ISOLATED, BUT FORM A LARGE NETWORK INCLUDING JACKSON CREEK, CAVAN SWAMP & LIKELY AN UNDERGROUND WATERWAY EXTENDING TO THE SOUTHWEST TOWARDS FLEETWOUN CREEK.

Thank you for your time and input! Your completed feedback form can be left at the Welcome table on the way out. Alternatively, you can submit any feedback through the Project Contact Form on the Project website at: <https://www.nexusenergy.com/Projects/> or by email to: lilylakesp@nexusenergy.com.

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Community Engagement Feedback Form for the Lily Lake Storage Project

16656048 Canada Inc. ("the Proponent"), is currently exploring a battery energy storage system (BESS) project in the Township of Selwyn. The Lily Lake Storage Project (the "Project") is proposed to be a small-scale BESS, with a storage capacity of approximately 5 to 10 MW. We invite you to provide your feedback to the Project team. Please include your contact information so you can continue receiving Project updates and resources related to this Project. Updates will also be made available on the Project website: <https://www.nexusenergy.com/Projects/>

Contact Information

Name:

Kelly Vessel

Email:

VesselK@hotmail.com

Mailing Address

(please include postal code):

341 Stockdale Rd.

Selwyn ON K9J6X4

I am/a:

☒ Nearby resident

☐ Business owner

☐ Other _____

Would you like to be added to the Lily Lake Storage Project mailing list for future Project updates?

☐ Yes, please add me to the Project mailing list

☐ No, thank you

Please share your feedback on the following topics (continued on the back):

What are the most important topics to you for this project? (e.g., Safety, Natural Heritage, Land Use, Archaeology, Noise, other)

Noise - Constant humming/drone noise
Safety - fire and potential land contamination. We are All on Wells.

Wetlands - Turtles / birds and natural resources

New technology - Not able to fully assess risk long term.

long term negative health effects.

How do you think the Project could benefit the community?

Additional Comments or Questions

I am concerned this project is too close to Wetlands and residential area. I've outlined by concerns (previous page).

Thank you for your time and input! Your completed feedback form can be left at the Welcome table on the way out. Alternatively, you can submit any feedback through the Project Contact Form on the Project website at: <https://www.nexusenergy.com/Projects/> or by email to: lilylakesp@nexusenergy.com.

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