Inwood Energy Storage Project

Presentation to Council
Enniskillen Township

October 6, 2025

POWER FOR GOOD

Developer's Note

RES Canada acknowledges that some members of the community have shared their reservation with the Project name "Inwood Energy Storage".

We recognize this concern and are planning to address the issue through a Project re-naming process that considers public feedback.

Ahead of the Project's public Open House on November 4th, RES will propose Project re-naming that will help find an appropriate and well-accepted new name for the Project.

RES encourages community members to provide feedback through the following methods,

Project Email: inwoodenergystorage@res-group.com

Project Phone Line: +1 (226) 401 0514

RES will provide further updates through the Project Website, inwoodenergystorage.com.

Agenda

- About RES
- Overview: Ontario’s emerging energy needs, Long Term 2 Capacity Bid Window 1 [LT2(c-1)] RFP
- Battery Energy Storage Systems
- Inwood Energy Storage Project
- Community Engagement
- Our Commitment
- *Appendix A*: Preliminary Project Layout
- *Appendix B*: Fire & Safety Risk Management
- *Appendix C*: Frequently Asked Questions

RES at a glance

+40 YEARS' experience in renewable energy

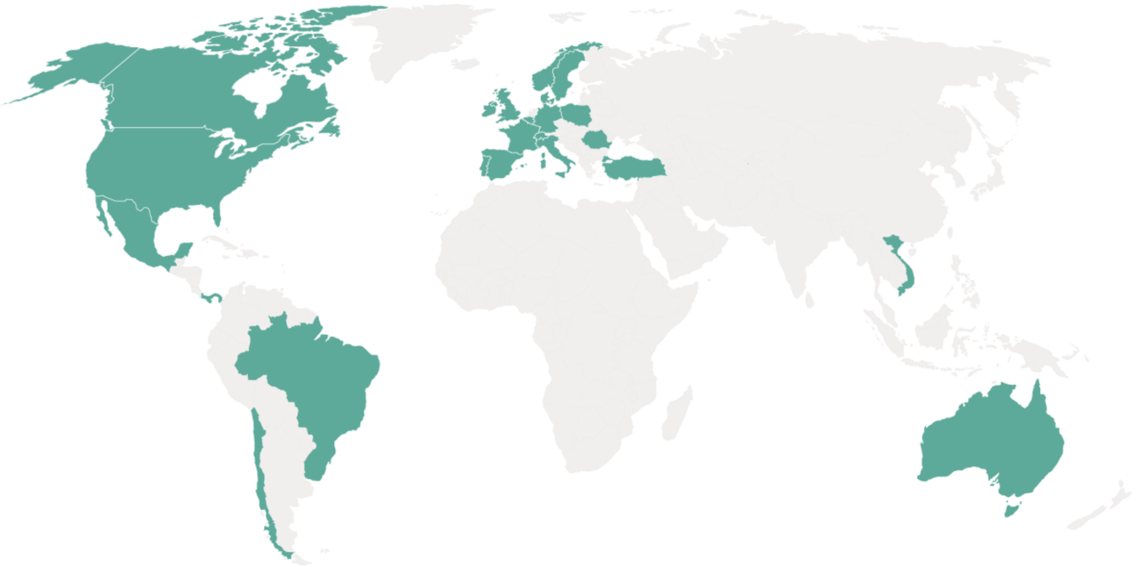
24 COUNTRIES worldwide

#1 WORLDWIDE The world's largest independent renewable company

28GW projects developed and/or constructed

45GW operational assets supported

OVER 4,500 world leading experts



SOLUTIONS

- Development
- Construction
- Services
- Digital solutions

TECHNOLOGIES

- Wind
- Solar
- Storage
- T&D
- Green hydrogen

RES in Canada

20+
YEARS

Experience in Canada

3.5GW

Projects developed &/or constructed

5+
PROVINCES

Covering Canada coast-to-coast

30+
PROJECTS

Developed &/or constructed

2014

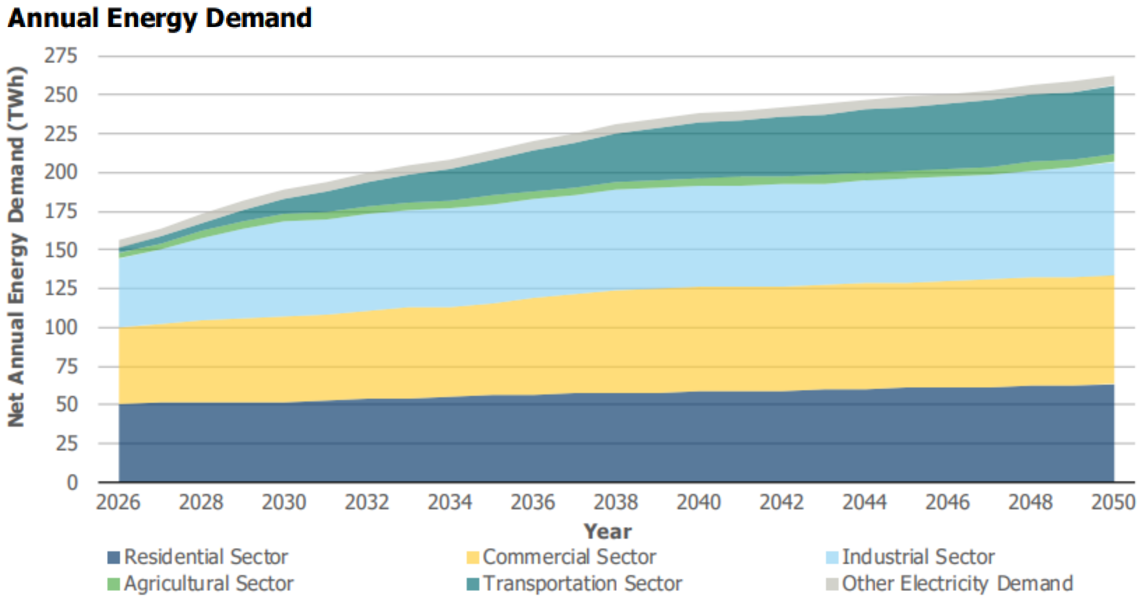
RES develops Ontario's first BESS project in Strathroy

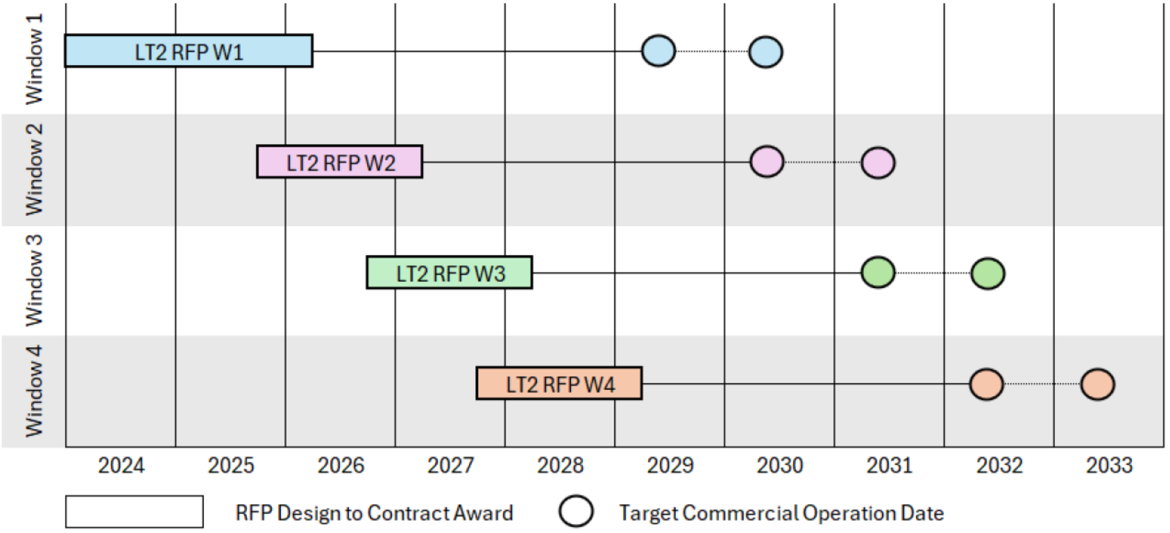
Celebrating **20 years** in Canada
Célébration de **20 ans** au Canada

Responding to Ontario’s emerging Energy needs

- Ontario is rapidly electrifying; the forecasted 75% increase in energy demand by 2050 requires new resources to be brought online.
- The Provincial electricity system is designed considering the most extreme conditions such as the hottest/coldest days of the year; energy storage resources provide vital balancing and flexibility services that can reduce long-term costs for the average rate-based consumer.
- In 2024, Ontario’s Independent Electricity System Operator (IESO) announced the Long-Term 2 Capacity RFP, with annual contracting targets under successive Bid Windows through 2028.
- Submissions are evaluated based on competitiveness, project location, duration, and indigenous economic participation.
- RES Canada is an independent, private developer proposing the Inwood Energy Storage Project in Enniskillen as part of the for the LT2(c-1) RFP due **December 18, 2025**.
- Unlike previous RFPs, mandatory requirements include:
  - Pre-engagement Confirmation Notice from the Proponent
  - Non-binding Municipal Resolution in support of Proposal Submission
  - Completion of Agricultural Impact Assessment Components, to the satisfaction of the Municipality

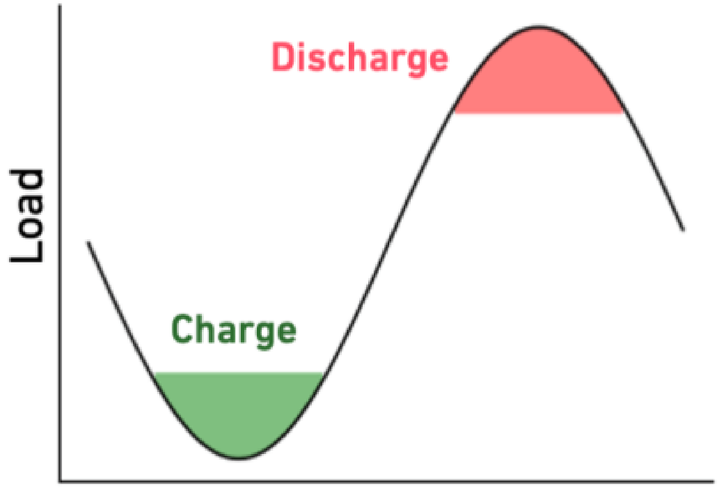
ieso
Connecting Today.
Powering Tomorrow.

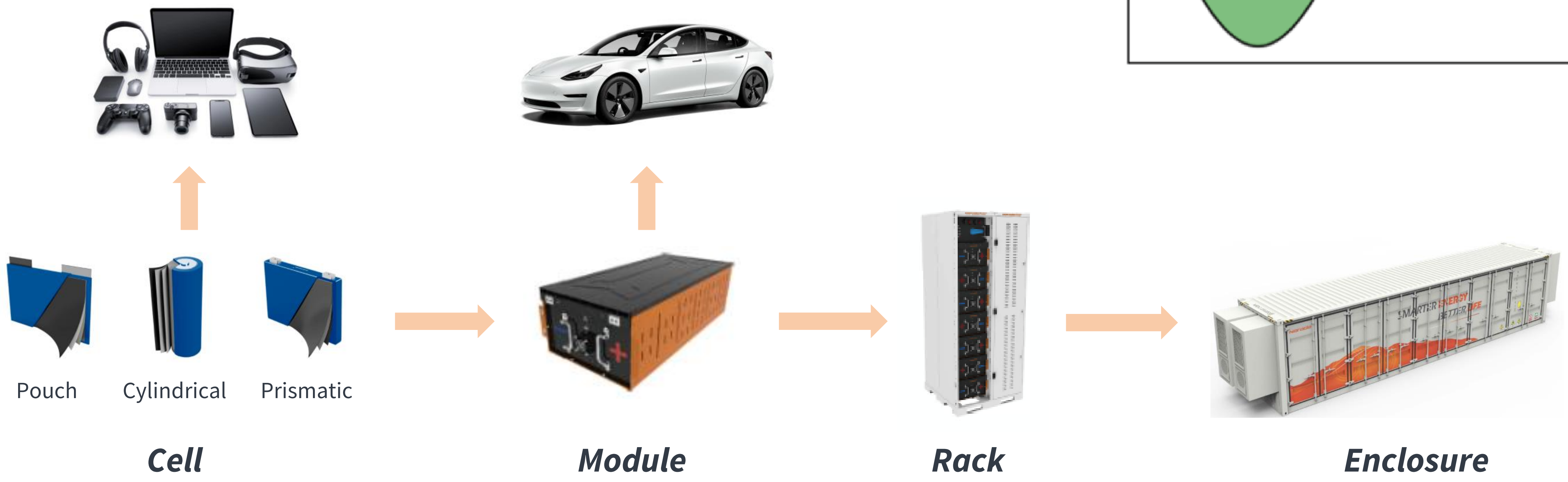




Battery Energy Storage Systems

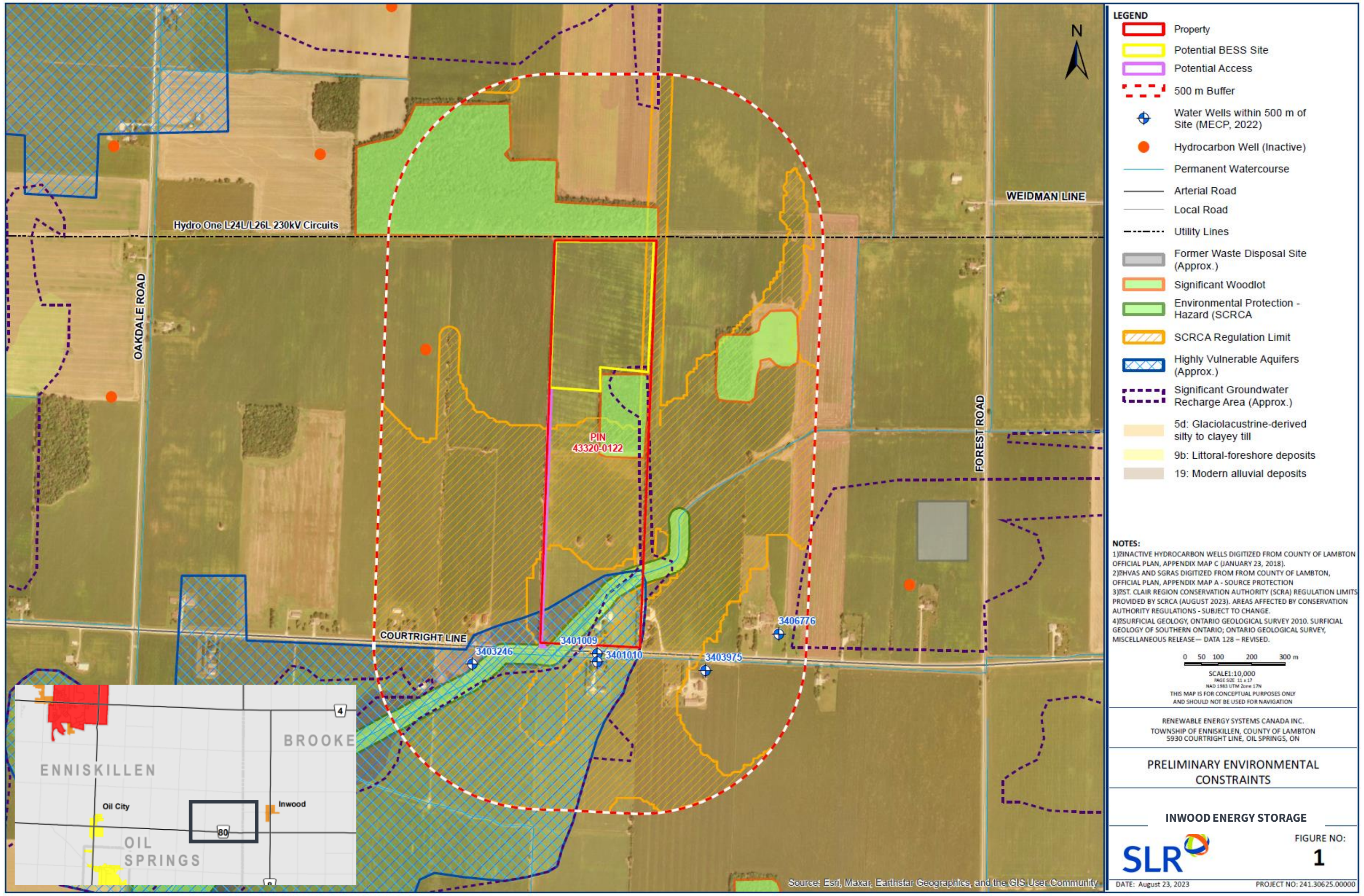
- Lithium-ion battery cells play a significant role in powering modern electronic devices and vehicles and are also the building blocks of Battery Energy Storage Systems (BESS).
- BESS can bridge the gap between periods of high and low demand, improving the stability and quality of grid power and reducing the price burden on the consumers in the long run.
- BESS is critical infrastructure that provides flexibility and stability to the electricity grid of the future. Recognizing their value in the Provincial electricity supply network, the IESO has awarded contracts to more than 3,000MW of BESS projects in Ontario since 2022.





Inwood Energy Storage Project

- **System capacity:** Up to 240 megawatts (MW)
- **System duration:** 8 hours
- **Technology:** Lithium-ion Battery Energy Storage System
- **Connection Point:** Hydro One transmission corridor north of property
- **Property Identification Number (PIN):** 43320-0122
- **Municipal Address:** 5930 Courtright Line,
  Enniskillen, ON N0N 1P0
- **Approximate Project Site Area:** Less than 20 acres
- **Site Zoning:** Agricultural 1 (A1)
- Project will seek approval for a "Public Utility" use under Section 3.1.1 of Enniskillen Township's Comprehensive Zoning By-law 58 of 2015.
- Project will be funded through private capital, with the primarily goal to meet the performance obligations of the LT2 Capacity Services Contract.



Planned Development Milestones

2023/2024	2025	2026/2027	2028/2030	2050
Early Development	**IESO Procurement**	**Engineering, Design & Approvals**	**Commercial Operations**	**Decommissioning**
• Securing site control • Fatal flaw analysis • Permitting review	• Conceptual design • Outline Fire Risk Management Plan CURRENT REQUEST: • Completion of Agricultural Impact Assessment Components to the satisfaction of Enniskillen Township • Non-binding Municipal Resolution in support of Proposal Submission*	• IESO LT2(c-1) Contract award • Detailed engineering • Permitting & approvals (including Class Environmental Assessment for Transmission facilities) • Detailed emergency response planning • Transmission grid connection process	• Construction period of ~12 months • Construction mobilization and equipment delivery to site • BESS installed and commissioned • Remote monitoring, scheduled maintenance and augmentation	• Decommissioning bond • Equipment removed at end-of-life • Land rehabilitated to conditions prior to installation

Engage Authorities having jurisdiction, stakeholders, and rightsholders

*For the purposes of the LT2(c-1) RFP, the Proponent entity will be *Inwood Energy Storage Inc.*

Planned Engagement Calendar

Summer – early Fall:
Initial Stakeholder Consultation

- Neighborhood boundary door knocking
- County of Lambton
- Enniskillen Township
- Municipality of Brooke-Alvinston
- St. Clair Region Conservation Authority
- Regional Fire Department(s)
- Hydro One / IESO
- Infrastructure Ontario

October 6:
RES Delegation to Enniskillen Council

- Project size and initial design
- Community and Indigenous Engagement Plan
- Pre-engagement Confirmation Notice

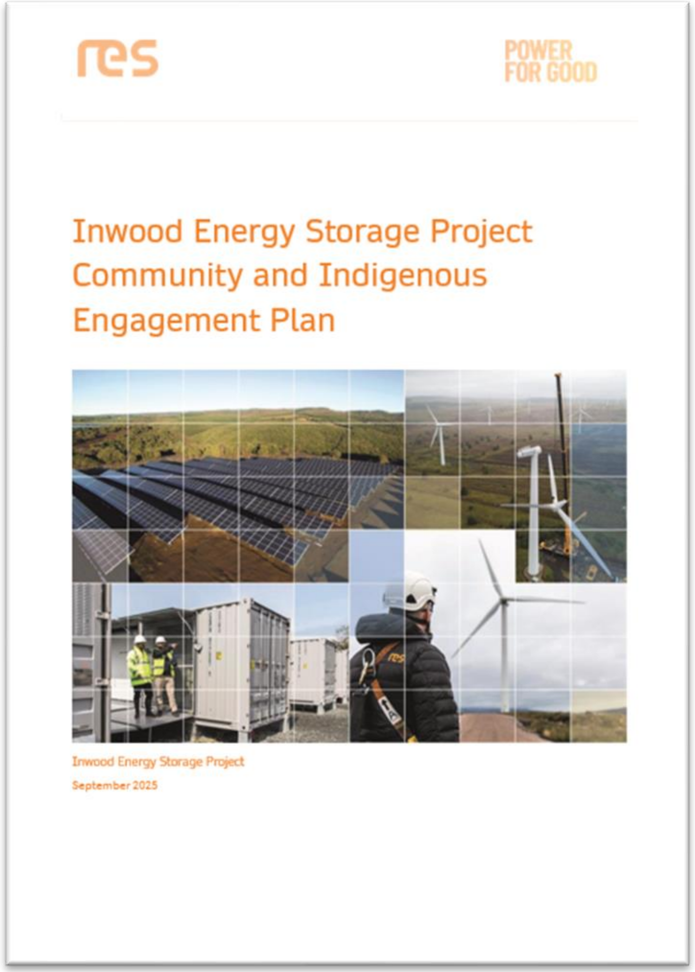
November 4:
Public Open House Event

- Location: Oil Springs Youth Centre, 4517 Victoria Street, Oil Springs, ON N0N 1P0
- Time: 3:00 to 8:00PM
- Refreshments will be provided

December 1:
Municipal Resolution in support of Proposal Submission

- Conclusion of Project Support Agreement
- Support for Agricultural Impact Assessment

Community Engagement Resources



- **Project Website**, www.inwoodenergystorage.com, hosting Project and Company details and providing updates on development activities, Project Documents, and a regularly updated FAQ section, project Contact details;
- **Community and Indigenous Engagement Plan**, outlining RES' approach to actively engaging stakeholders and rightsholders in the region;
- **Notices of Public Open House**, to be posted on the Project Website, and delivered to the engagement zone identified mutually by RES and Enniskillen Township;
- **Public Open House**, in-person event to be held on Tuesday, November 4th from 3 to 8PM at the Oil Springs Youth Centre. Additional open houses will be planned once the project is awarded by the IESO under the LT2 RFP;
- **Project Email**, inwoodenergystorage@res-group.com, accessible electronic format for public to provide feedback and receive responses with clearly identified response times;
- **Project Phone Line**, +1 (226) 401 0514, accessible telecommunications format for public to provide feedback;
- RES will respond to feedback through the resources identified above.

Our Commitment

The Inwood Energy Storage project will support the regional sustainability and economic development objectives[1] and be harmoniously integrated into the local community. To this end, we want to propose:

Meaningful & Direct Local Economic Benefits

Contributions to a local, municipally-administered fund in the amounts of:

- **Upon Commercial Operation (2029/2030)**: A one-time payment of $2,000 per megawatt
- **Annual (20+ years)**: Beginning in Year 2 of operation, an annual payment of $500 per megawatt

Property tax revenues over the project life

- Annual amounts TBC by MPAC

Road Improvement Costs & Cost Recovery Agreements

- Conclude a road-use Cost Recovery Agreement with the Township
- Ensure local taxpayers will not shoulder road use or upgrade costs associated with project
- Develop and implement a Traffic Management Plan in collaboration with the Township and County

Develop an Emergency Response & Fire Safety Plan

- Develop a detailed Emergency Response Plan (ERP) in collaboration with local authorities and volunteer fire departments
- Absorb reasonable Township & first responder/fire service costs related to the ERP development
- Ensure that local emergency response services are adequately trained and resourced to respond to project-related safety events

Actively Engage with Stakeholders

- Communicate noise assessment reports to the public through permitting process and meaningfully engage with nearby residents
- Ensure site lighting is kept to minimum, as required to ensure safe operation of the facility
- Contributions to a project-administered Community Support Fund to provide compensation to those directly impacted

[1]While Energy Storage technology has emerged in the last decade, our Project goals are consistent with Township of Enniskillen Official Plan, 2015, Part C, s. 11 and s. 31.10, as well as the County of Lambton Official Plan, 2020, s. 7.12.

Thank you

Rishabh Mundhra

Development Manager, Energy Storage

rishabh.mundhra@res-group.com

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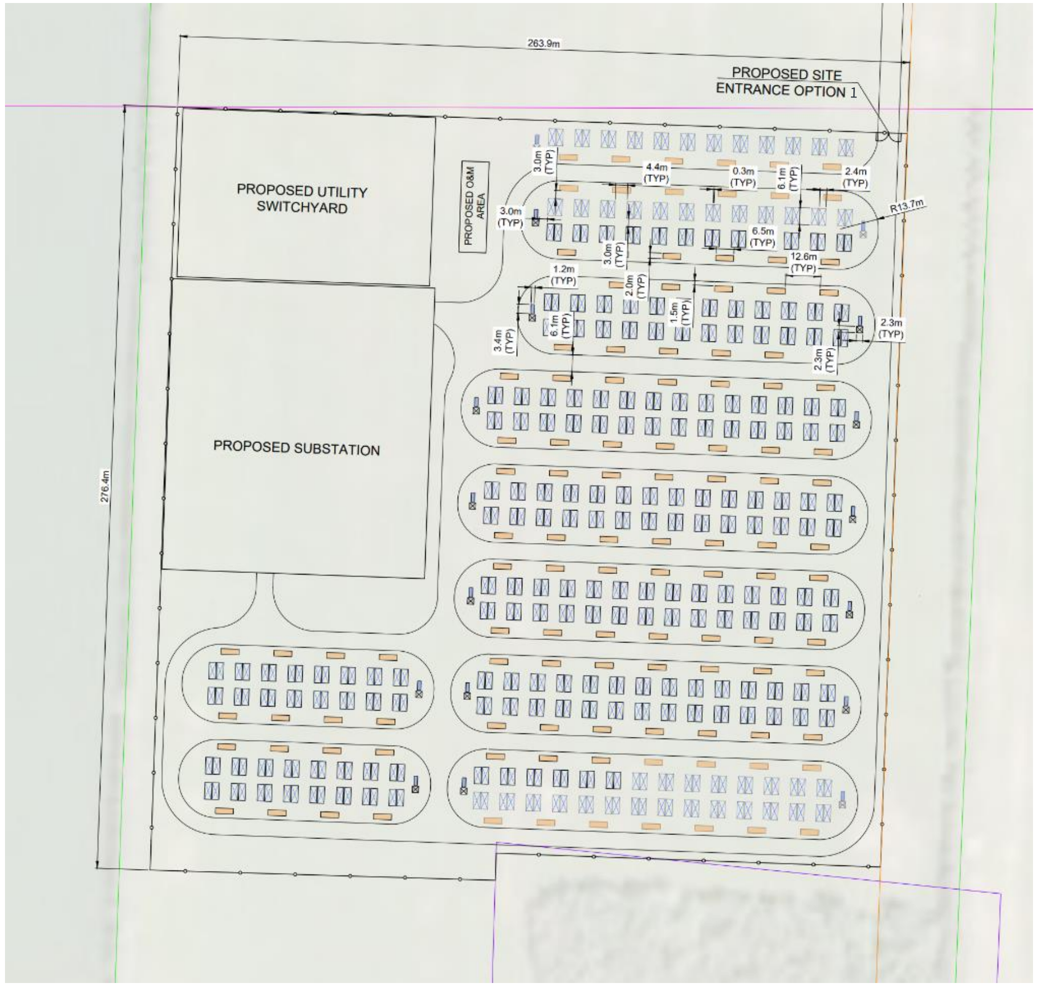
Appendix A: Preliminary Project Layout (1/4)

OPTION 1: ACCESS TO NORTHERN SIDE OF PROJECT SITE (VIA FOREST ROAD)



LEGEND:

- PROPERTY BOUNDARY
- 100M TRANSMISSION SETBACK
- 30M WATERCOURSE SETBACK
- 15M WOODLANDS SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED FENCE
- PROPOSED BESS CONTAINER
- PROPOSED PCS
- PROPOSED AUXILIARY SWITCH BOARD
- PROPOSED AUXILIARY TRANSFORMER
- PROPOSED AUGMENTED BESS CONTAINER
- PROPOSED AUGMENTED PCS
- PROPOSED AUGMENTED AUXILIARY SWITCH BOARD
- PROPOSED AUGMENTED AUXILIARY TRANSFORMER

ABBREVIATION LEGEND:

- PCS POWER CONVERSION SYSTEM
- BSE BATTERY STORAGE ENCLOSURE

NOTE:

1. THIS GENERAL ARRANGEMENT IS INDICATIVE AND INTENDED ONLY TO DESCRIBE POTENTIAL ARRANGEMENT OF MAJOR BESS EQUIPMENT.
2. EXCEPT AS NOTED, GENERAL ARRANGEMENT DOES NOT CONSIDER SITE WORK OR CIVIL ENGINEERING REQUIREMENTS.
3. EXCEPT AS NOTED, THERE ARE NO KNOWN EASEMENTS OR PROPERTY ENCUMBRANCES.
4. EXCEPT AS NOTED, ASSUMES NO UNDERGROUND UTILITIES EXIST.
5. AUXILIARY SYSTEM DESIGN AND EQUIPMENT ARE PRELIMINARY AND SUBJECT TO CHANGE BASED ON FURTHER ENGINEERING OPTIMIZATION.
6. SWITCHGEAR TO CONNECT MAIN POWER AND AUXILIARY CIRCUITS IS LOCATED IN THE PROJECT SUBSTATION.
7. SCADA RACK IS LOCATED IN THE PROJECT SUBSTATION CONTROL ENCLOSURE.
8. OPERATION AND MAINTENANCE AREA INCLUDES SPACE FOR AN OFFICE TRAILER, STORAGE AREA, STAGING/TOOL AREA, AND PARKING.
9. TWO ACCESS ROAD OPTIONS ARE CONSIDERED FOR THIS PROJECT. ACCESS ROAD DESIGN IS PRELIMINARY AND SUBJECT TO CHANGE.

DESIGN SUMMARY

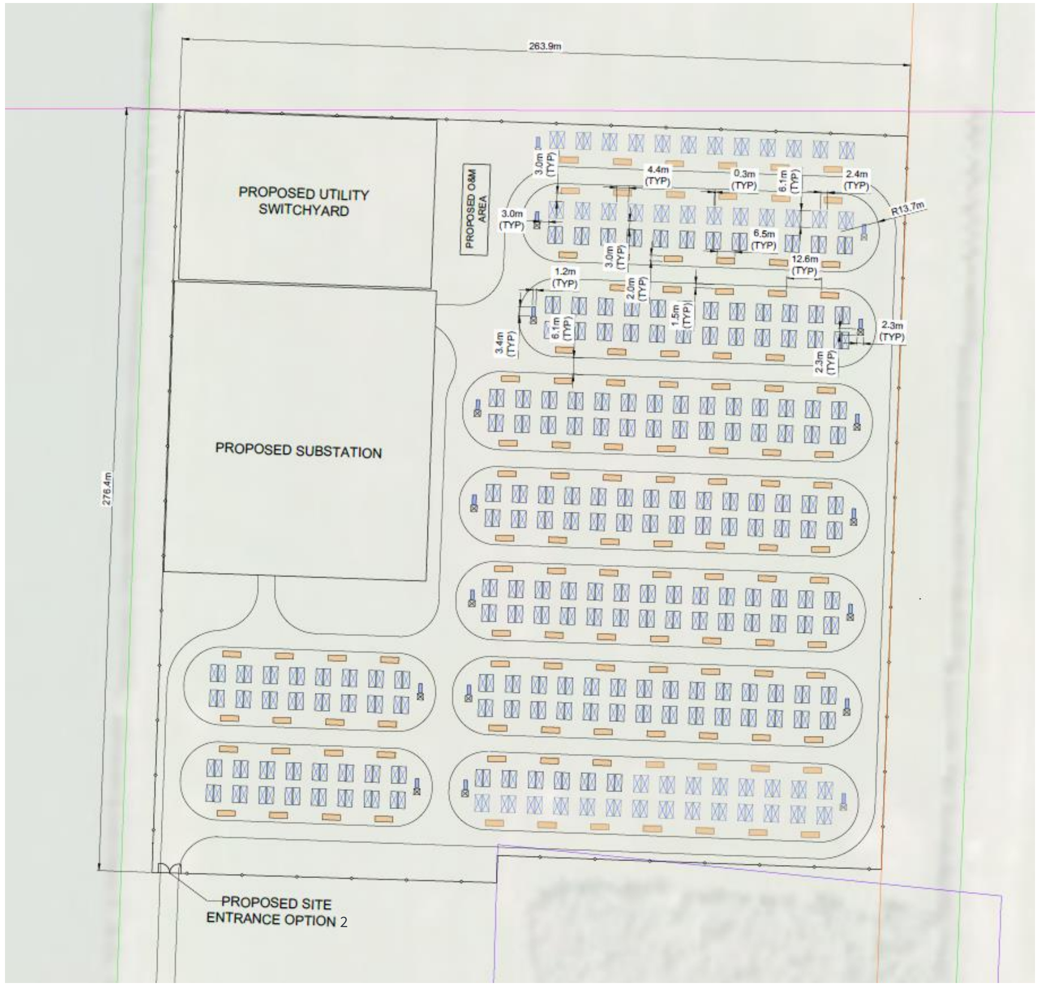
BEGINNING OF LIFE INSTALLATION	
PROJECT NAMEPLATE POWER RATING (MW AC)	240
PROJECT NAMEPLATE ENERGY RATING (MWh AC)	1824
POWER ELECTRONICS FP4200M4 PCS QUANTITY	53
UNIT PCS NAMEPLATE RATING (MVA)	4.2
NARADA CENTER 20 ULTRA BSE QUANTITY	372
UNIT BSE ENERGY CAPACITY (MWh DC)	6.254

AUGMENTATION INSTALLATIONS	
POWER ELECTRONICS FP4200M4 PCS QUANTITY	23
NARADA CENTER 20 ULTRA BSE QUANTITY	92

FOR ILLUSTRATION PURPOSES ONLY

Appendix A: Preliminary Project Layout (2/4)

OPTION 2: ACCESS TO SOUTHERN SIDE OF PROJECT SITE (VIA COURTRIGHT LINE)



LEGEND:

- PROPERTY BOUNDARY
- 100M TRANSMISSION SETBACK
- 30M WATERCOURSE SETBACK
- 15M WOODLANDS SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED FENCE
- PROPOSED BESS CONTAINER
- PROPOSED PCS
- PROPOSED AUXILIARY SWITCH BOARD
- PROPOSED AUXILIARY TRANSFORMER
- PROPOSED AUGMENTED BESS CONTAINER
- PROPOSED AUGMENTED PCS
- PROPOSED AUGMENTED AUXILIARY SWITCH BOARD
- PROPOSED AUGMENTED AUXILIARY TRANSFORMER

ABBREVIATION LEGEND:

PCS	POWER CONVERSION SYSTEM
BSE	BATTERY STORAGE ENCLOSURE

NOTE:

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5. AUXILIARY SYSTEM DESIGN AND EQUIPMENT ARE PRELIMINARY AND SUBJECT TO CHANGE BASED ON FURTHER ENGINEERING OPTIMIZATION.
6. SWITCHGEAR TO CONNECT MAIN POWER AND AUXILIARY CIRCUITS IS LOCATED IN THE PROJECT SUBSTATION.
7. SCADA RACK IS LOCATED IN THE PROJECT SUBSTATION CONTROL ENCLOSURE.
8. OPERATION AND MAINTENANCE AREA INCLUDES SPACE FOR AN OFFICE TRAILER, STORAGE AREA, STAGING/TOOL AREA, AND PARKING.
9. TWO ACCESS ROAD OPTIONS ARE CONSIDERED FOR THIS PROJECT. ACCESS ROAD DESIGN IS PRELIMINARY AND SUBJECT TO CHANGE.

DESIGN SUMMARY

BEGINNING OF LIFE INSTALLATION	
PROJECT NAMEPLATE POWER RATING (MW AC)	240
PROJECT NAMEPLATE ENERGY RATING (MWh AC)	1024
POWER ELECTRONICS FP4200M4 PCS QUANTITY	93
UNIT PCS NAMEPLATE RATING (MVA)	4.2
NARADA CENTER 20 ULTRA BSE QUANTITY	372
UNIT BSE ENERGY CAPACITY (MWh DC)	6.254

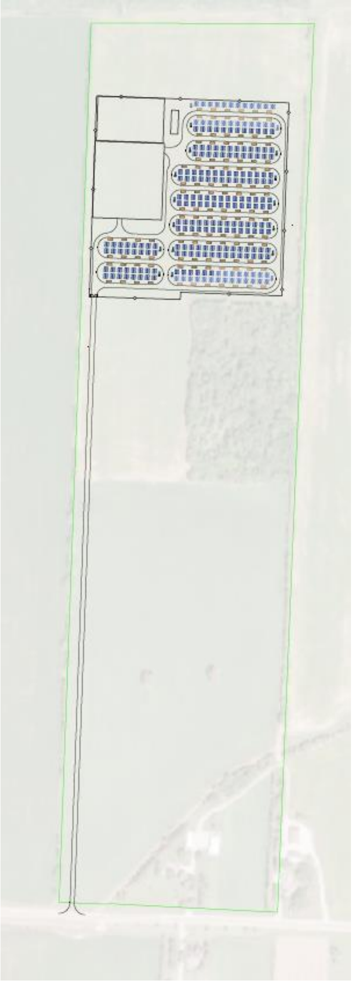
AUGMENTATION INSTALLATIONS	
POWER ELECTRONICS FP4200M4 PCS QUANTITY	23
NARADA CENTER 20 ULTRA BSE QUANTITY	92

FOR ILLUSTRATION PURPOSES ONLY

Appendix A: Preliminary Project Layout (3/4)

OPTION 1: VIA FOREST ROAD

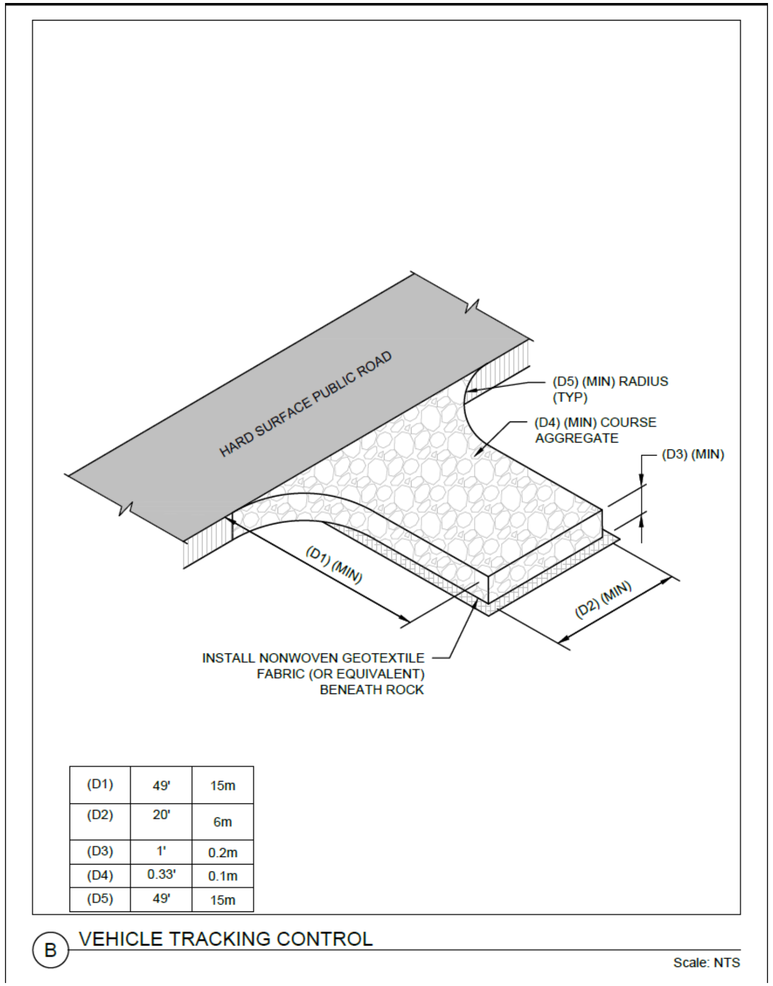
OPTION 2: VIA COURTRIGHT LINE



FOR ILLUSTRATION PURPOSES ONLY

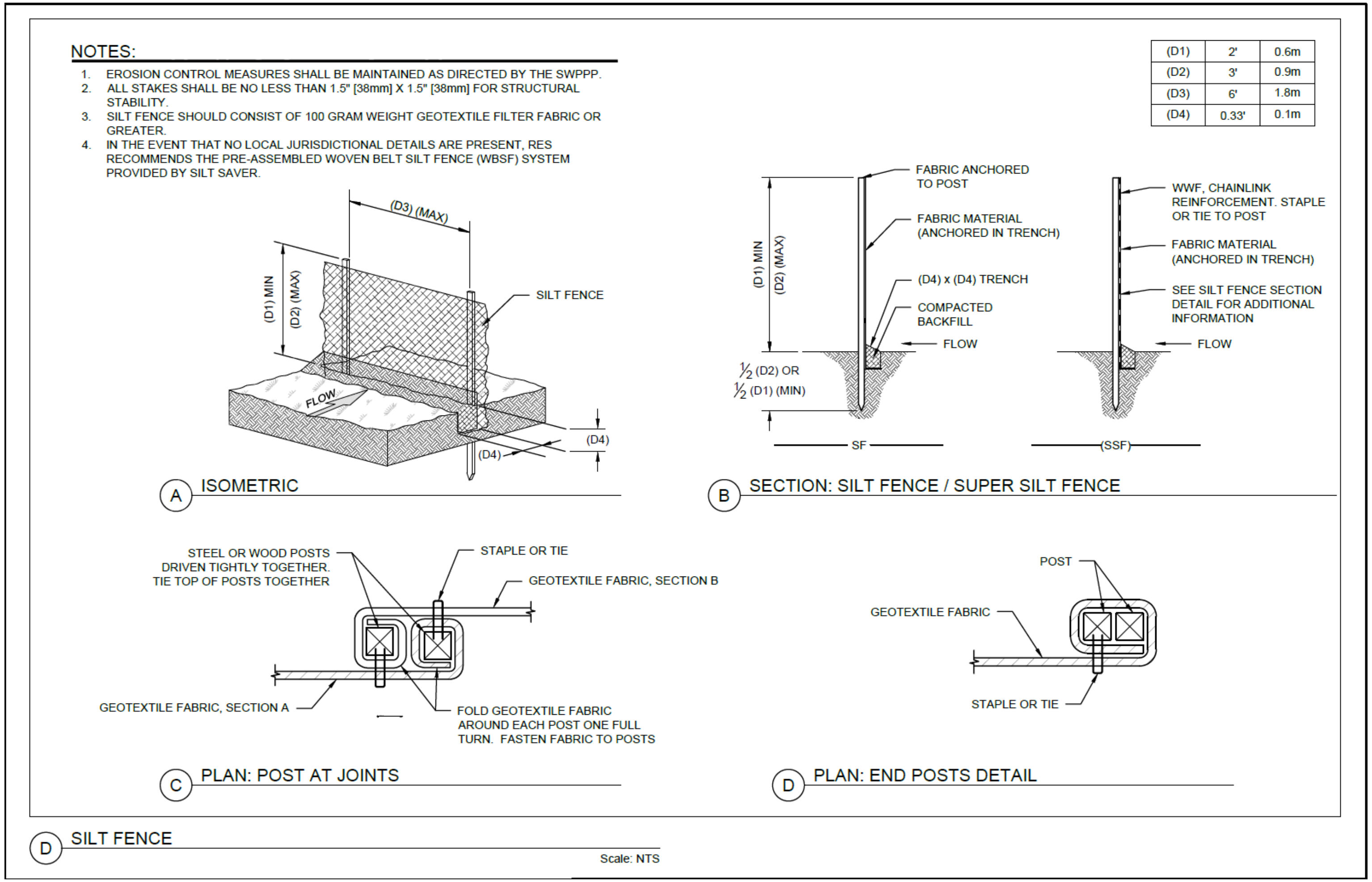
Appendix A: Preliminary Project Layout (4/4)

ACCESS/EGRESS FROM PUBLIC ROAD



(D1)	49'	15m
(D2)	20'	6m
(D3)	1'	0.2m
(D4)	0.33'	0.1m
(D5)	49'	15m

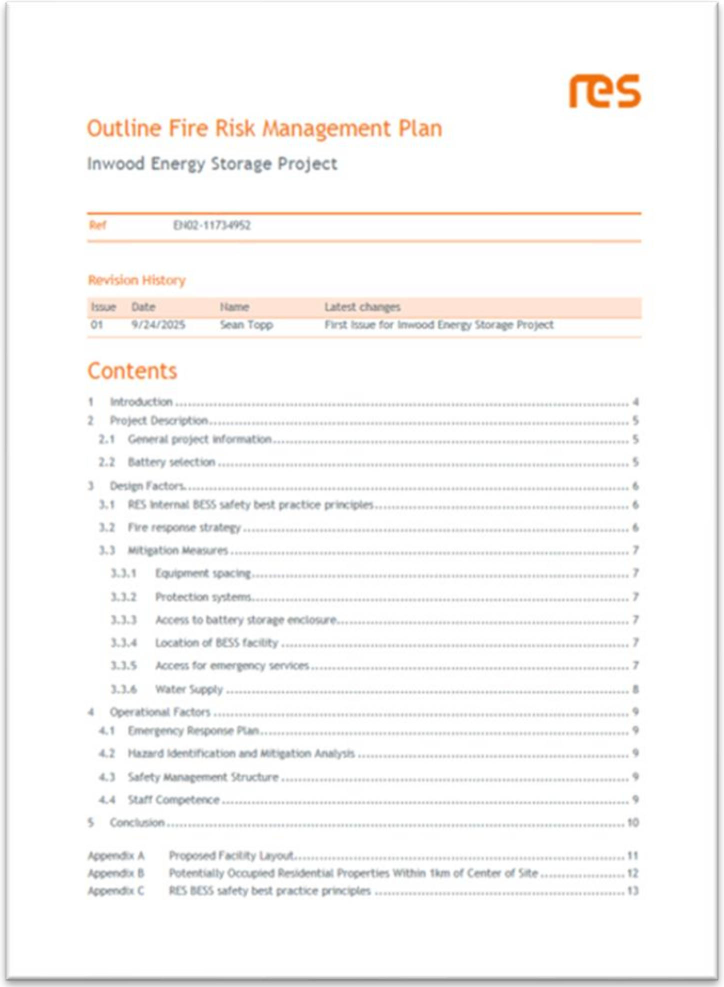
SITE FENCING



(D1)	2'	0.6m
(D2)	3'	0.9m
(D3)	6'	1.8m
(D4)	0.33'	0.1m

FOR ILLUSTRATION PURPOSES ONLY

Appendix B: Fire & Safety Risk Management (1/2)


Outline Fire Risk Management Plan

Inwood Energy Storage Project

Ref	EN02-11734952

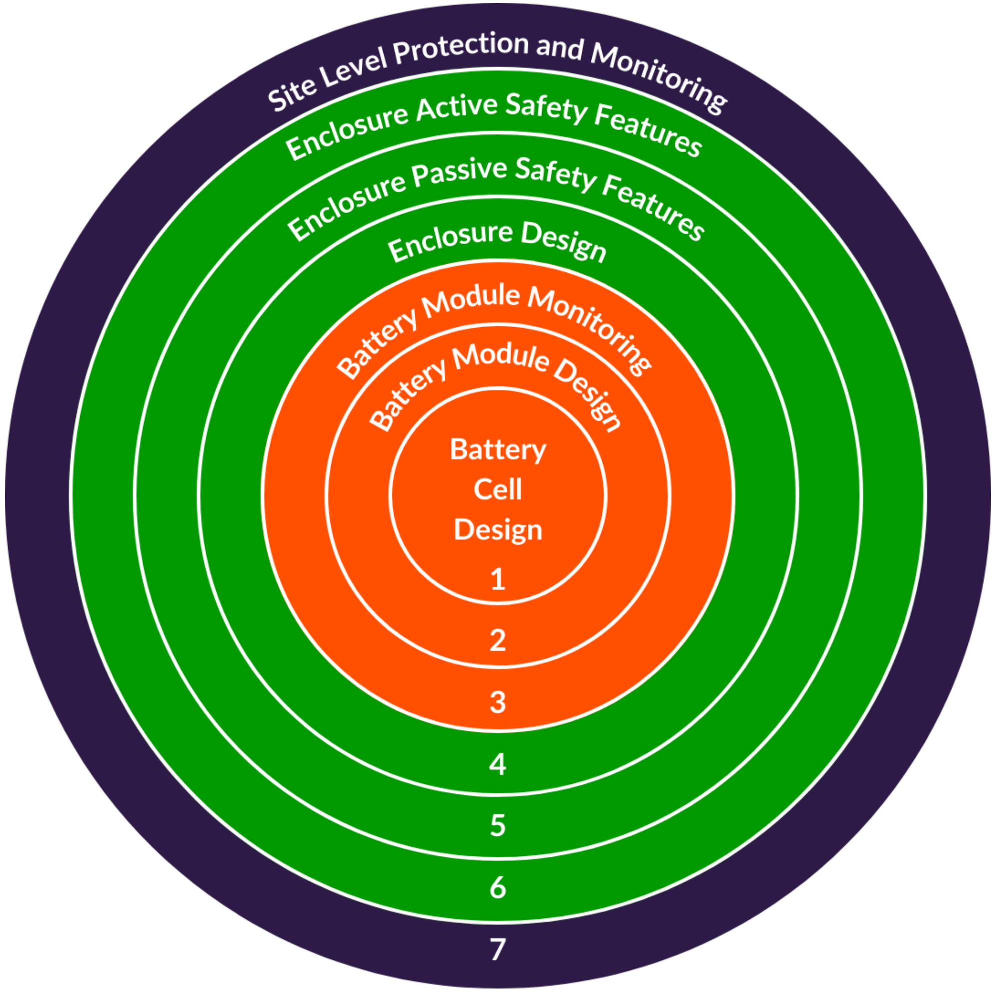
Revision History

Issue	Date	Name	Latest changes
01	9/24/2025	Sean Topp	First Issue for Inwood Energy Storage Project

Contents

- RES staff met with and presented the proposed Project to:
  - Chief Rick Cousins, Petrolia & North Enniskillen Fire Department;
  - Chief Mike Cumming, Oil Springs Fire Department;
  - Chief Don Ewing, Dawn-Euphemia Fire Department;
  - Chief Steve Knight, Brooke Fire Rescue;
- As detailed emergency response planning will depend on final equipment selection, RES has shared its Outline Fire Risk Management Plan for the Fire Departments' review and feedback.
- The Outline Fire Risk Management Plan summarizes RES' approach to fire safety design, emergency response planning, and firefighters' training and response framework.
- During detailed design, the Outline Fire Risk Management Plan will be developed into a detailed Fire Risk Management Plan that will include,
  - Hazard Mitigation Analysis (HMA), in accordance with NFPA 855
  - Fire Risk Assessment (FRA), including community risk assessment and gas dispersion studies
  - Emergency Response Plan, based on selected equipment

Appendix B: Fire & Safety Risk Management (2/2)



Applicable Codes & Standards

- NFPA855: Standard for Installation of Stationary Energy Storage Systems
- NFPA 68: Standard on Explosion Protection by Deflagration Venting
- NFPA 69: Standard on Explosion Prevention Systems
- NFPA 72: National Fire Alarm and Signaling Code
- UL1973: Batteries for Use in Light Electric Rail (LER) Applications and Stationary Applications
- UL9540: Standard for Energy Storage Systems and Equipment
- UL9540A: Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems
- CSA TS-800:24: Large Scale Fire Test Procedure

Appendix C: Frequently Asked Questions (1/4)

Why is this Project required?

The province has identified the need for more electricity in the coming years due to increasing demand and the refurbishment of nuclear facilities, as well as expiring contracts for existing oil and natural gas-fired facilities. Recognizing BESS' capabilities in addressing this need, Ontario's Independent Electricity System Operator (the 'IESO') has awarded supply contracts to more than 3,000MW of BESS projects in 2022, 2023, and 2024, with more annual contracts anticipated through 2028. The Inwood Energy Storage Project is being proposed by RES for the IESO's Long Term 2 Capacity Bid Window 1 RFP due on December 18, 2025.

How do battery energy storage systems work?

Battery energy storage technology supports the variable generation of renewable energy technologies by playing an important balancing and grid stability role. It helps support the grid by storing energy at times when generation exceeds demand and releasing electricity back to the national grid network when demand exceeds generation. It is considered the fastest technology for responding to a sudden spike in demand or an abrupt loss of supply. Intelligent battery software uses algorithms to coordinate energy production. Computerized control systems are used to decide when to store the energy to provide reserves or release it to the grid. Energy is released from the battery energy storage system during times of peak demand, keeping costs down and electricity flowing.

Is this a build to sell project or is it a build to operate project?

Both – while RES is currently developing this project for the IESO's LT2 Capacity Window 1 procurement, we may elect to transfer the long-term ownership of the project to one of several public institutions that we work with in Canada. Previously, RES has partnered with institutional investors such as the Canada Pension Plan Investment Board (CPPIB) and Enbridge to deliver over 3.5GW of energy projects across Canada. Since RES retains the eventual construction and operation rights for the life of the project, we take a long-term view of our projects that ensures design and safety compliance as per permitting and approval requirements while integrating long-term actions such as indigenous partnerships, community engagement, and regional capacity building projects.

Appendix C: Frequently Asked Questions (2/4)

What about fire risk?

While it is not pleasant to think about the worst-case scenario, it is best to be prepared for it. Unlike electric vehicles and some older BESS projects, all RES-managed projects are monitored 24/7/365 from our control center. The control center can access, and remotely control, each individual racks which are being constantly monitored. Automatic electrical disconnection is enacted by the Battery Management System should operational temperature, current or voltage limits be breached. Multiple levels of alarms would be sent prior to potential breach of the protection limits. The local fire department will be trained by BESS experts on how to respond in the extremely unlikely event of a fire.

The proposed battery technology for the development is anticipated to be lithium iron phosphate (LFP). LFP has better stability against thermal runaway at higher temperatures compared to some other battery chemistries. Batteries will be specified to be tested and certified to UL 9540A, demonstrating resistance to thermal runaway. Successful testing in accordance with the current edition of U950A has shown that, at a unit level following deliberate initiation of thermal runaway:

- No flaming outside the initiating battery rack observed
- Surface temperatures of modules within the target battery rack adjacent to the initiating battery rack do not exceed the temperature at which thermally initiated cell venting occurs
- Wall surface temperature rise does not exceed a specified temperature above ambient
- Safety hazards are not observed during the test

A number of mitigation measures will also be implemented to further reduce risk from fire. These include:

- Equipment spacing
- Protection systems
- Secondary Access to battery enclosure
- Secondary Emergency Access for emergency services, for use if the main entrance is not accessible.
- A fire suppression system with the following safety precautions incorporated: fire alarm, gas, smoke and heat detectors, heat activated sprinkler system, fire related insulation, strobe light, and a horn
- HVAC systems to keep the batteries from experiencing thermal abuse or overheating
- A Fire Risk Management Plan will accompany the planning application.

Appendix C: Frequently Asked Questions (3/4)

Is there any noise impact from the project? How will it be mitigated?

As part of the Environmental Activity and Sector Registry (EASR) permitting process, a Noise Impact Assessment will be completed for the project and submitted to the Ministry of Environment Conservation and Parks (MECP). This includes an ambient noise survey to establish the existing 'noise envelope' at the site, taking into consideration zoning, nearby highways, and other relevant factors.

The batteries themselves do not make much noise; however, the cooling system fans do generate noise when operating. Use of an HVAC (heating, ventilation, and air conditioning) system is required to keep the batteries at safe operating temperatures (approximately ± 21°C), especially during the summer months. The noise from the HVAC is expected to be minimal to negligible at any nearby points of reception. This assessment will demonstrate that the BESS will operate within the sound level limits outlined in Chapter 3 of the EASR Publication at all nearby points of reception.

Will the project affect prime agricultural land?

RES recognizes the importance of protecting farmland. There are Provincial policies which aim to prevent the conversion of prime agricultural land to non-agricultural uses, but there are exceptions for infrastructure such as public utility facilities. The project design minimizes land use by placing the battery system on a smaller footprint compared to other types of energy projects. Once built, it will not permanently remove land from agricultural production as the installation is not an intensive/invasive use. It involves modular enclosures placed on concrete pads and the land remains intact beneath the project. At the end of the Project's operating life, all equipment will be removed, and the land will be rehabilitated for future agricultural use.

As part of the pre-bid submission process prior to contract award, the IESO requires that projects proposed on prime agricultural lands complete, to the satisfaction of the municipality, a Pre-Agricultural Impact Assessment (AIA) as per the Ontario Ministry of Agriculture, Food and Agribusiness (OMAFA) Guidelines for the AIA Component One Requirement (May 21, 2025). The IESO also requires that completion of the full AIA (Components Two and Three) be completed to the satisfaction of the municipality within 18 months of the IESO contract date. RES has elected to voluntarily complete the full AIA (Components One, Two and Three) for submission to the Township of Enniskillen as part of the pre-bid process. The AIA is expected to be submitted for review by late October/early November 2025. The AIA framework requires such development to avoid, minimize, and mitigate impacts to prime agricultural areas, and to design the project in a way that respects local agricultural activities.

Appendix C: Frequently Asked Questions (4/4)

What is an Agriculture Impact Assessment (AIA)?

An AIA evaluates potential impacts of non-agricultural uses on the agricultural system and recommends ways to avoid, or if avoidance is not possible, minimize and mitigate adverse impacts. AIAs help decision-makers understand what may be impacted by a proposed development. In turn, they can:

- build public support for projects,
- minimize agricultural land taken out of production; and,
- promote compatibility between agricultural and non-agricultural uses.

AIAs help support the long-term viability of the agri-food sector by contributing to the design of proposals in a manner that considers agricultural impacts. There are three main components of an Agricultural Impact Assessment, 1) Avoid, 2) Minimize, and 3) Mitigate, evaluate potential impacts through a framework developed by the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFA).

Why is a connection line required? Is Hydro One involved?

Yes, we will connect the BESS to the existing grid via the adjacent Hydro One high voltage transmission lines. RES will have more details to share with the public through its consultation with Hydro One, as the relevant transmission system operator, and the interconnection process it administers for new connections. The Project design considers a 100m setback from the Hydro One Transmission Right-of-Way as per the BESS Fire Protection Risk & Response Assessment Standard. The potential connection line currently illustrated on the site map included is conceptual and should be used for discussion purposes.

Please describe the battery units that you propose to utilize for the project?

The battery energy storage system (BESS) proposed for the project will utilize self-contained, modular battery units, designed for utility-scale applications. These units are housed in pre-fabricated, factory-tested enclosures, each integrating the battery cells, battery management system (BMS), thermal management (HVAC), and safety systems into a single transportable unit. This equipment will be supported by power conversion systems and associated high voltage interconnection equipment that will enable delivery of power via the transmission lines north of the property. The equipment will comply with the following inexhaustive list of certifications and standards:

- UL 1642: Certification of Lithium-ion Battery
- UL 1973: Batteries for Use in Stationary and Motive Auxiliary Power Applications
- UL 9540: Energy Storage Systems and Equipment
- UL 9540A: Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems
- NFPA 855: Standard for the Installation of Stationary Energy Storage Systems