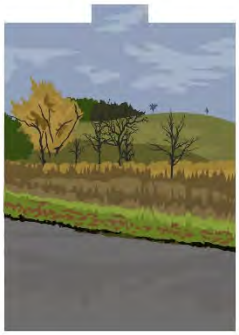


ARMOUR HILL ENERGY STORAGE

Summary of Public Community Meeting on September 19, 2023

Prepared by:

AVAANZ

9 Cavell Avenue

Guelph, ON N1H 1Y4

On behalf of:

PLUS POWER

Armour Hill Energy Storage LP

1780 Hughes Landing Boulevard, Suite 675

The Woodlands, TX 77380

Plus Power
October, 2023

Table of Contents

List of Appendices

1. Land Acknowledgement

Plus Power would like to acknowledge that the Armour Hill Energy Storage project (the Project) is proposed on the traditional and treaty territory of the Mississaugas and Chippewas of the Anishinabeg, known today as the Williams Treaties First Nations.

We recognize and honour the presence, resilience, and connection of the Williams Treaties First Nations to the land, which has been home to their ancestors for countless generations. We also acknowledge the cultural heritage, wisdom, and contributions that the Indigenous peoples of this territory have made and continue to make to the broader community.

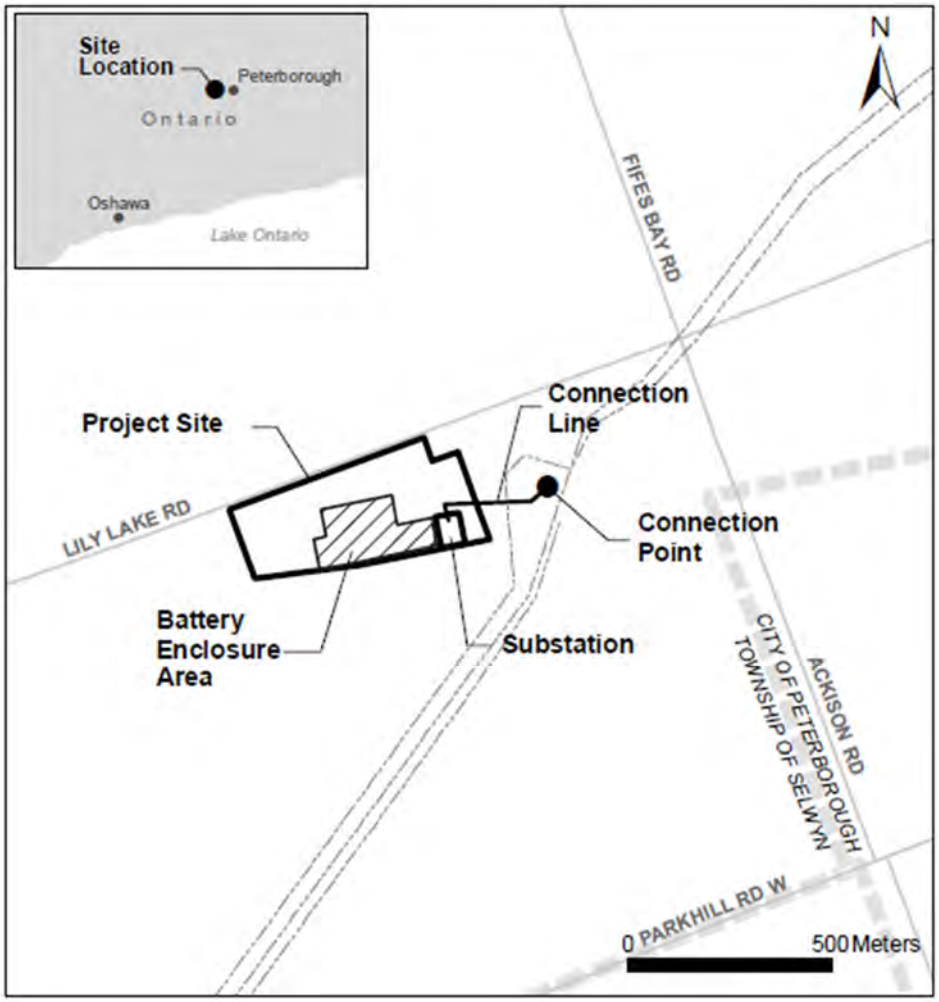
As we embark on the Project, we commit to fostering meaningful relationships and engaging in ongoing dialogue with Indigenous peoples. We acknowledge the importance of understanding and respecting their rights, traditions, and sacred knowledge, and we will strive to collaborate in a manner that is based on mutual trust, equity, and cooperation.

2. Introduction

Plus Power, LLC (Plus Power), operating under Armour Hill Energy Storage LP, is seeking to develop the Armour Hill Battery Storage project (the Project) in the Township of Selwyn in Peterborough County. The Project has a proposed nameplate capacity of 175 Megawatts (MW) and is located on approximately ten acres of land within the Township of Selwyn at 365 Lily Lake Road known as PIN 284170167. A map of the Project location is provided in **Figure 1**.

On September 19, 2023, Plus Power held a Public Community Meeting to engage with the public about the Project and to present information about the project in accordance with the IESO community engagement requirements. The purpose of the meeting was to present the Project to the community and stakeholders, collect feedback, and answer questions.

Figure 1: Armour Hill Energy Storage Project Location



3. Notification of the Public Community Meeting

3.1 Meeting Notification

More than 15 days in advance of the Public Community Meeting, notifications were sent by registered post or email to immediately adjacent property owners as well as the local municipality. In addition, property owners within 120 m of the Project were sent notifications via Canada Post. The notification that was sent to both residents and the municipality is provided in Appendix A.

A public notice was also placed in the Peterborough This Week on September 7th, 2023, to notify the community about the upcoming public meeting. An example of the public notice is included below. The tear sheet of the advertisement from the newspaper is also provided in Appendix A.

3.2 Website

Plus Power established a project website to provide key information about the Project to landowners and community members. The website was publicly available more than 15 days in advance of the public meeting and can be found at armourhillenergystorage.com. The website contains information about upcoming public meetings, the Community Engagement Plan for the Project and general Project information.

A screenshot of the website including required consultation documents is provided in Appendix B.

4. Summary of the Public Community Meeting

4.1 Meeting Format

The Public Community Meeting was held on Tuesday September 19, 2023, at the Peterborough Curling Club in Peterborough, Ontario. The agenda for the meeting was as follows:

- 6:00 – 7:00 p.m. – Open house period where attendees could review key project information on display panels, ask questions to members of the project team, obtain copies of project factsheets, and submit comment forms to provide feedback about the project.
- 7:00 – 7:45 p.m. – An overview presentation provided an overview about the project followed by a facilitated question and answer period.
- 7:45 – 8:00 p.m. – Open house format.

Throughout the evening, attendees were encouraged to ask questions and provide feedback to Plus Power using whatever feedback form was most convenient. Photos of the event are included below for reference.

Photo 1: Open House

Photo 2: Presentation and Q&A

4.2 Attendance

Nineteen individuals attended the meeting with the majority participating in both the open house and presentation portion of the evening. Attendees comprised of adjacent property owners and representatives from the Township of Selwyn.

4.3 Project Representatives

Plus Power ensured that diverse technical experts were available to answer questions throughout the evening. The following individuals attended the meeting and were available to discuss the project and answer questions throughout the evening:

- David Biggar, Manager of Project Development in Canada
- Ben Weisel, Director of Permitting
- Daniel Brennan, Senior Permitting Manager
- Michael O'Toole, Project Engineer
- Utilia Amaral, Senior Project Consultant
- Brian Scholl, Senior Safety Consultant (Energy Safety Response Group)
- Mark van der Woerd, Meeting Facilitator (Avaanz)
- Morgan Webber, Facilitation Support (Avaanz)

4.4 Materials

4.4.1 Display Panels

Plus Power prepared a diverse set of information panels which were arranged around the venue and contained key information about Plus Power, the Project, and the nature of battery storage projects. The display panels used at the meeting are included in Appendix C.

4.4.2 Fact Sheets

Fact sheets about the Project, Plus Power and Battery Energy Storage Systems were made available to attendees both via the website and in person at the meeting. Appendix D includes a copy of each fact sheet.

4.4.3 PowerPoint Presentation

A short presentation was provided as a preamble to the question-and-answer period. A copy of the presentation is provided in Appendix E.

4.4.4 Comment Forms

Each attendee was welcomed to the event at the sign-in table where they were given the option to provide their information for future project correspondence and were offered a comment form. The facilitators noted that the comment forms were a tool for providing written feedback to the project team and noted they would be included as part of the public record. A blank copy of a comment form is included in Appendix F with submitted comment forms included after with personal information redacted.

5. Summary of Discussions

The table below summarizes the questions and feedback received by topic during and after the Public Community Meeting.

Question / Comment	Plus Power Response
Facility Design	
What kind of visual screening will there be around the facility?	Given the topography within the area most residents will not be able to see the battery enclosure area. From Lily Lake Road, residents will see the entrance to the facility and project site signage. Recreational users of the Trans Canada Trail will likely see the battery enclosure area from the trail. However, Plus Power is open to installing screening to reduce visual impacts. The specific screening and approach are undecided and will be addressed through the site plan approval process with the Township.
What are you doing to ensure that the facility is safe and protect against electrical fires? What protective measures will be put in place to protect the community?	Plus Power is committed to designing to industry best practice and standards. The facility will be designed to adhere to the National Fire Protection Association (NFPA) Code 855 which outlines strict requirements for fire protection in the design of energy storage projects. In addition, the facility includes a battery management system which monitors the amperage, voltage, and temperature of each battery cell real-time. In the unlikely event there is a change in normal operating conditions, the system is designed to automatically shut down those cells to prevent fire or electrical issues. In addition, the facility will be inspected 1-2 times per week by local technicians and will be remotely monitored 24 hours a day, seven days per week by both the Plus Power asset managers as well as by the battery supplier. If the facility deviates from normal operating conditions, the operations control centre of either Plus Power or the

	battery supplier will shut down the facility to avoid fire or electrical issues. Further, as a proactive measure Plus Power has hired fire safety consultants – Energy Safety Response Group – to prepare emergency plans and train local fire departments about the facility to ensure there is full coordination in highly unlikely event a fire occurs. Plus Power has already met with the local fire department to discuss the project and will continue to work with emergency management professionals throughout the planning process.
We have concerns about the condition of the single lane bridge on Lily Lake Road and anticipate that deliveries and construction traffic will damage the bridge.	Plus Power is aware of the bridge and has identified it is likely not suitable to support deliveries of battery enclosures. Prior to construction, Plus Power will hire local engineers to assist with developing traffic management plans which will include an assessment of local infrastructure – like the bridge – to determine suitability for use during construction and operations. This plan will be developed in consultation with the local municipality to ensure local traffic and infrastructure impacts within the area are avoided or minimized to the greatest extent possible. During the meeting staff from the Township also confirmed that improvements to the bridge are planned with engineering and planning commencing shortly and constructed expected in 2026. Township staff and Plus Power confirmed that they would work together moving forward to discuss the two projects further at upcoming meetings.
How did Plus Power select the name Armour Hill? The name references a hill located in the City of Peterborough which will likely confuse residents.	Plus Power selected the name after the local hill within Peterborough to honour the local landmark and as a homage to the general landscape within the area. We appreciate the feedback on the name and will discuss the feedback both internally and with the municipality moving forward.
Is this the first phase of several projects within the	Plus Power has no intentions to develop the site beyond the 175 MW capacity proposed. This project is being

area? Is their plan to expand this in the future?	proposed under the LT1 RFP process as a stand-alone project.
Would the Project help reduce power outages locally? We suffer from lots of outages.	Battery energy storage systems (BESS) manage variations in power generation by storing excess energy and injecting it back into the grid when it is needed. This could include instances where there is a generation outage. However, Plus Power is an independent power producer and has no control over the electrical transmission or distribution system. This is independently managed by the IESO. When power is needed, the IESO will direct Plus Power to provide electricity to the grid which they could choose to deploy into the local distribution system or send it to other regions via the transmission network.
What are the noise impacts during both construction and operations of the facility?	The facility will emit sound during operations of the facility. A sound assessment will be completed following award as part of the environmental assessment process to determine the potential for impacts to nearby residents. We believe that the landscape in the area will help serve as a natural barrier to sound. Prior to construction, Plus Power will submit the sound assessment to the Ministry of the Environment, Conservation and Parks to obtain a permit to operate the facility in accordance with provincial sound limits.
How will Plus Power manage dust during construction and what impacts could we expect at our nearby residence?	Plus Power is committed to reducing environmental impacts associated with the development of the project. Prior to construction, independent experts will evaluate current conditions within the area, assess potential impacts to the environment – including dust, noise and other nuisance impacts to residences – and then propose mitigation measures that will be used to avoid or minimize any impacts to the greatest extend possible. This work will be made publicly available for review prior to construction and will be completed in accordance with the Ontario Environmental Assessment Act.

IESO LT1 Process & Contract	
How does the IESO (Independent Electricity System Operator) RFP process work?	According to the IESO, Ontario is expected to experience a steady rise in demand for electricity resulting from strong economic growth in the industrial, mining, and agricultural sectors, as well as broad-based increase in electrification. Pockets of demand are also being driven by the retirement of the Pickering Nuclear Generating Station and multiple nuclear refurbishments, as well as the expiry of thousands of generator contracts, all of which will contribute to significant local and province-wide supply gaps over the next decade. The IESO has put out a long-term request for proposals (LT1 RFP), which will procure 2500 MW of new energy capacity no later than 2027 for a baseline 20-year commitment. Plus Power is responding to this need by developing the Amour Hill Energy Storage project which will provide 175 MW of additional capacity to Ontario's Electricity Grid. Plus Power will submit a proposal to the IESO in December 2023 for a long-term capacity contract. If successful, Plus Power will proceed with the development, engineering, and construction of the project to bring the project online by 2027.
What is the likelihood that Plus Power will secure a contract and sell this project to another energy provider?	Plus Power does not plan to sell the Armour Hill Energy Project at any stage in the development process. Plus Power is a qualified applicant for the LT1 RFP and an independent power producer in Ontario. Unlike other developers, Plus Power is solely focussed on developing, building, and operating battery storage systems. We are committed to owning and operating projects over the long-term and have an in-house asset management team responsible for operating the facility throughout its lifespan.
After 20 years of operating under the IESO contract, do	If selected by the IESO, Plus Power is required to operate the project over a 20-year period. As part of the planning process, Plus Power is required to develop a plan for

you plan to close the facility?	decommissioning the facility at the end of its life which includes removing and recycling project components and restoring the land to a condition similar to pre-existing conditions. However, we anticipate that electricity demands will continue to increase and hope that in 20 years we can secure another contract to continue operating. It is worth noting that the batteries proposed are highly recyclable and we anticipate that repowering the facility could occur with nominal effort.
Other Questions or Comments	
What is the benefit of this project?	There are several lasting benefits associated with the Project, including: • The Armour Hill facility will help Ontario meet its 2050 goal of reducing greenhouse gas emissions by 80% by providing necessary capacity to the province with nearly zero polluting emissions. • The Project improves grid capacity and resiliency by providing energy storage which reduces the need for power generation and allows for rapid deployment of energy when it is needed most – like during peak output periods like hot summer days. • We anticipate there will be 100-150 construction jobs needed to build the facility and 1-2 permanent operations positions. • The facility will provide additional tax revenue to the Township throughout its 20-year lifespan.
Is Plus Power owned by Tesla? Some of my research led me to believe that former Tesla employees are working at Plus Power.	No, Plus Power is not owned by Tesla. It is a privately held company headquartered in Houston, Texas. Given the strong reputation of the company, some former Tesla employees have chosen to join the Plus Power team. However, Telsa is simply one battery supplier that Plus Power has chosen to work because we believe they offer a superior product within the market.

Why are there no representatives from the Township of Selwyn present at this meeting?	It was noted that multiple representatives from Selwyn Township were in attendance including the mayor, members of council, the CAO, and staff from the Public Works Department. Plus Power noted that they have met with the municipality and will continue to meet with both council and municipal staff this Fall.

6. Next Steps

Plus Power is committed to continuing to engage with Indigenous communities, members of the public and stakeholders as the Project advances. The proposal to the IESO will be submitted in December 2023 for a long-term capacity contract. If successful, Plus Power will proceed with the development, engineering, and construction of the project in 2024 to bring the project online by 2027.

Engagement as part of the LT1 RFP process will continue to take place over the fall of 2023. Following successful award, Plus Power will initiate the environmental assessment process, permitting and planning approvals. Engagement will continue throughout this phase and is fundamental for obtaining the necessary authorizations needed to construction the Project. This phase will provide additional opportunities for Indigenous communities, landowners, and stakeholders to participate in the development of the Project.

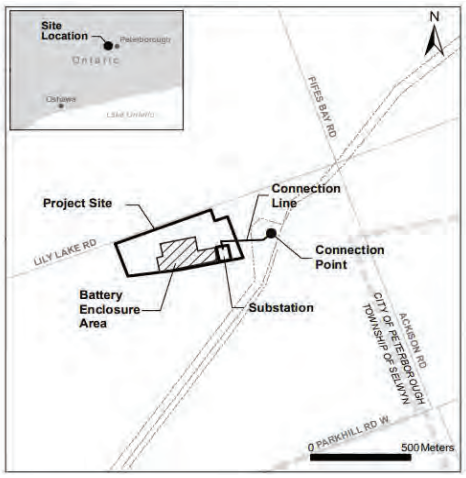
Plus Power is dedicated to developing the Project with respect for the local community and the environment. We are available to discuss any questions and will ensure that feedback received is considered. Please feel free to contact us at armourhill@pluspower.com. For further information about the Project, visit www.armourhillenergystorage.com.

Appendix A – Notifications

ARMOUR HILL ENERGY STORAGE

Dear Neighbour,

We want to provide you with information on the Armour Hill Energy Storage project, a battery energy storage -only facility in the early stages of development by Plus Power located off Lily Lake Rd. just west of Fifes Bay Rd. Here, we'd like to introduce the uses and benefits of battery energy storage, share why we chose the site location, and introduce you to the Plus Power team.



Electricity must be supplied to your home or workplace on a constant basis to meet your minute-by-minute energy needs. Plus Power's battery energy storage systems are a safe and efficient way to support the reliability of the electrical grid and reduce the potential for future blackouts as older conventional power plants retire.

Armour Hill Energy Storage's location was selected for its proximity to critical electric infrastructure, the existing Dobbin Substation, an ideal place for a state-of-the art standalone battery energy storage system. The site location was carefully designed with community interests in mind: the facility will have a small land footprint, have minimal visual impact, and cause no light pollution or added traffic to the area.

With a deep commitment to safety and compliance, we prioritize our work with all applicable local, provincial, and federal regulatory and permitting agencies in the development and operation of all projects. We are excited about the benefits that this project will bring to Selwyn and Peterborough County when operational in 2027, including enhanced electrical grid reliability, new construction jobs, and tax revenues with minimal impact on local public services such as water, wastewater, and roads.

Ben Weisel
Director of Permitting

David Biggar
Manager of
Project Development

Fernando De Samaniego Steta
Director of
Project Development

If you have any questions, please reach out to us at armourhill@pluspower.com and visit armourhillenergystorage.com.

Meet:
Tuesday, September 19, 2023 from 6:00-8:00pm
Peterborough Curling Club (Stonehouse Hall)
2195 Lansdowne Street
Peterborough, Ontario K9J 6X4

ABOUT ARMOUR HILL ENERGY STORAGE

Based in the USA, Plus Power has offices in Houston and San Francisco.

armourhill@pluspower.com

www.armourhillenergystorage.com

1780 Hughes Landing Boulevard, suite 675, The Woodlands, TX 77380 USA

Armour Hill Energy Storage is ideally located on approximately 10 acres of land in Selwyn, Ontario, where it will interconnect near critical transmission infrastructure, adjacent to Hydro One's Dobbin Transformer Substation.

MILITARY MEMBERS REMOVE GRENADE FOUND INSIDE HOME

Peterborough County OPP say members of the military have safely disposed of a grenade located at a home in Selwyn Township.

On Aug. 31, just prior to 8 p.m., the OPP say police received a call advising that while cleaning out their deceased father's residence, the complainant located what appeared to be a live grenade in a locked firearms safe. Police say the complainant immediately stepped away from the safe and contacted the OPP. Officers were dispatched to the location and ensured that no one made any attempt to handle the grenade.

OPP Explosive Disposal Unit (EDU) was contacted who in turn consulted with the Department of National Defence. A Bomb Tech from Canadian Forces Base (CFB) Borden attended, safely removed the grenade and took it for disposal.

The Peterborough County OPP want to remind community members that if they are ever in a similar situation where weapons or explosives are located, do not attempt to dispose of them yourself. Contact the OPP immediately, move to a safe location and ensure that no one else gets close. EDU members are trained in the safe handling and disposal of explosives to ensure public safety.

Peterborough County OPP

Peterborough County OPP safely removed a grenade from a Selwyn Township home after it was discovered on Aug. 31.

Appendix B – Project Website

https://www.armourhillenergystorage.com/community

Project Timelines

June 2023

Commenced outreach and engagement with the Township of Selwyn, indigenous communities, and area residents

September 19, 2023, 6-8 pm

Public community meeting: Peterborough Curling Club (Stonehouse Hall) 2195 Lansdowne Street Peterborough, Ontario K9J 6X4

- Notice of Public Community Meeting

Local Outreach

Plus Power has been developing Armour Hill since 2023 with a focus on meeting the capacity needs of Ontario's electricity system and the customers it serves. We have been engaging with all local stakeholders regarding the Armour Hill project and will continue to provide updates, obtain feedback, and answer questions throughout the development process. Updates regarding community outreach will be posted here as the project progresses. We are committed to working with all local stakeholders to ensure a successful project.

Read our Community and Indigenous Engagement Plan

Community Benefits

Armour Hill will be a good neighbor and a valuable asset to the

23°C Sunny

Search

ENG US

2:12 PM 2023-08-30

Appendix C – Storyboards

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ARMOUR HILL ENERGY STORAGE

Welcome!

Public Meeting for Armour Hill Energy Storage

September 19, 2023

Open House 6:00-7:00 pm; 7:30-8:00 pm

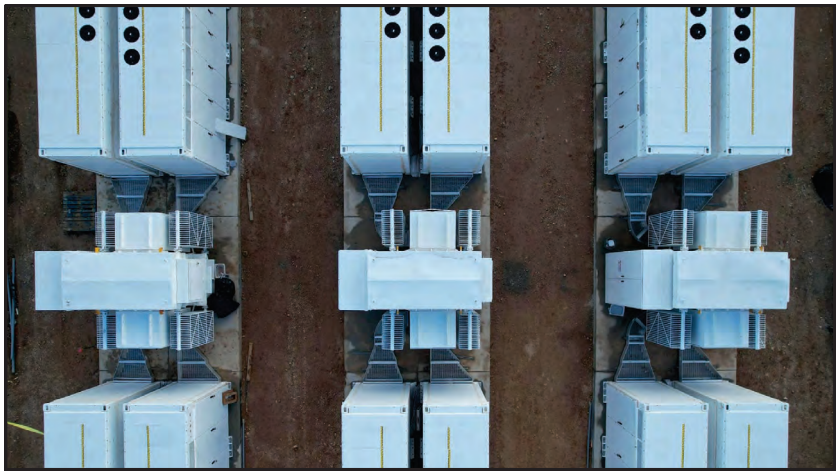
Presentation and Q&A: 7:00-7:30 pm

About Plus Power, LLC and Armour Hill Energy Storage LP

- Plus Power, LLC (Plus Power), sites, develops, owns, and operates flexible, critical electrical infrastructure assets that serve dynamic, changing energy market needs. Our storage projects enable the next generation of clean energy resources on the grid.

- Plus Power's team applies an intentional mindset to energy storage development by prioritizing local relationships, optimal environmental siting considerations, stewardship, and safety.

- Plus Power has a pipeline of over 10 gigawatts of projects in 28 states and provinces.



PLUS POWER

What are Battery Energy Storage Systems?

- Battery Energy Storage Systems (BESS) enhance grid reliability by drawing and storing energy from the grid during off-peak periods and releasing it back to the grid when energy demand is at its highest.

- Plus Power's BESS are designed to have little to no impact on the surrounding environment.

- Battery enclosure containers are generally 30 ft long by 8 ft high and mounted on foundations. Facilities are secured with fencing.

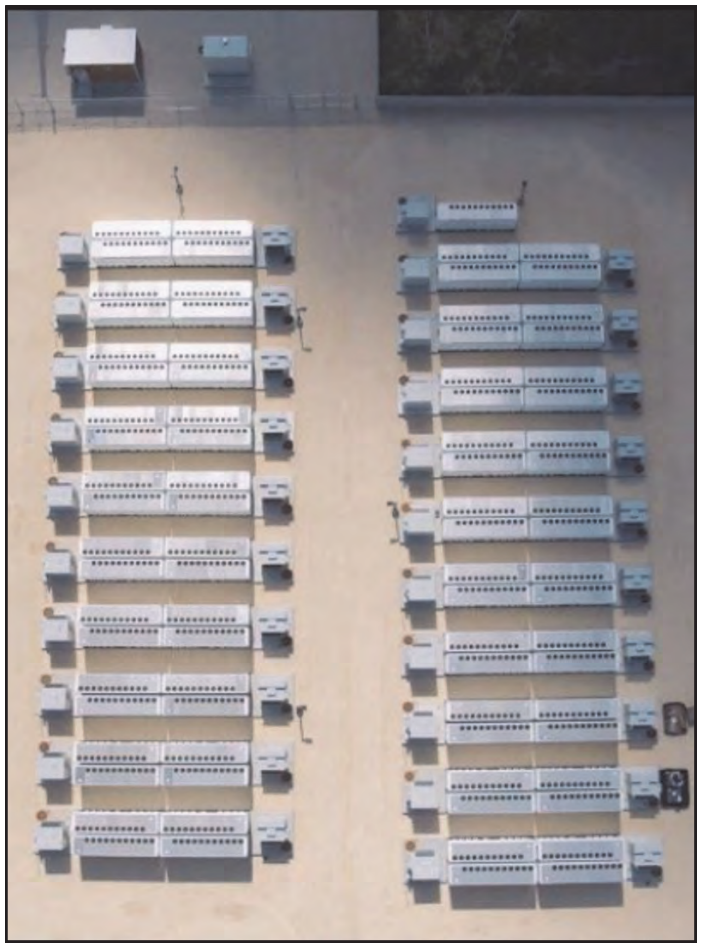
PLUS POWER

Why do we need Battery Energy Storage Systems?

- Ontario is entering a period of emerging electricity system needs following the retirement of the Pickering nuclear plant, refurbishment of other nuclear generating units and increasing demand.

- The Independent Electricity System Operator (IESO) is the Crown corporation responsible for operating the electricity market in Ontario.

- The IESO has opened the Long-term Request For Proposals (LT1 RFP) process to procure 1,600 MW from qualified applicants.



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About the Project

- The Armour Hill battery storage facility will have a proposed nameplate capacity of 175MW.
  The site was selected in consideration
- of criteria including:

  - topography,
  - surrounding land use,
  - avoidance of sensitive environmental features and;
  - proximity to existing utility infrastructure.
- The site will be carefully designed with community considerations in mind, including a small land footprint, minimal visual impact and light pollution, and minimal added traffic.

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ARMOUR HILL ENERGY STORAGE

How long will the Project be in operation?

- The Project facility will have a lifespan of at least 20 years.

- Original lithium-ion battery systems installed are anticipated to operate for at least 15 years. As the original system naturally degrades, the site will be augmented with supplemental battery storage units.

- At the end of the project's operating life, the facility will remove the battery system and restore the land to pre-existing conditions.

- Battery components contain valuable minerals. Once they are no longer in use, the system will be shipped away for recycling and salvage value.

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How does this benefit the community?

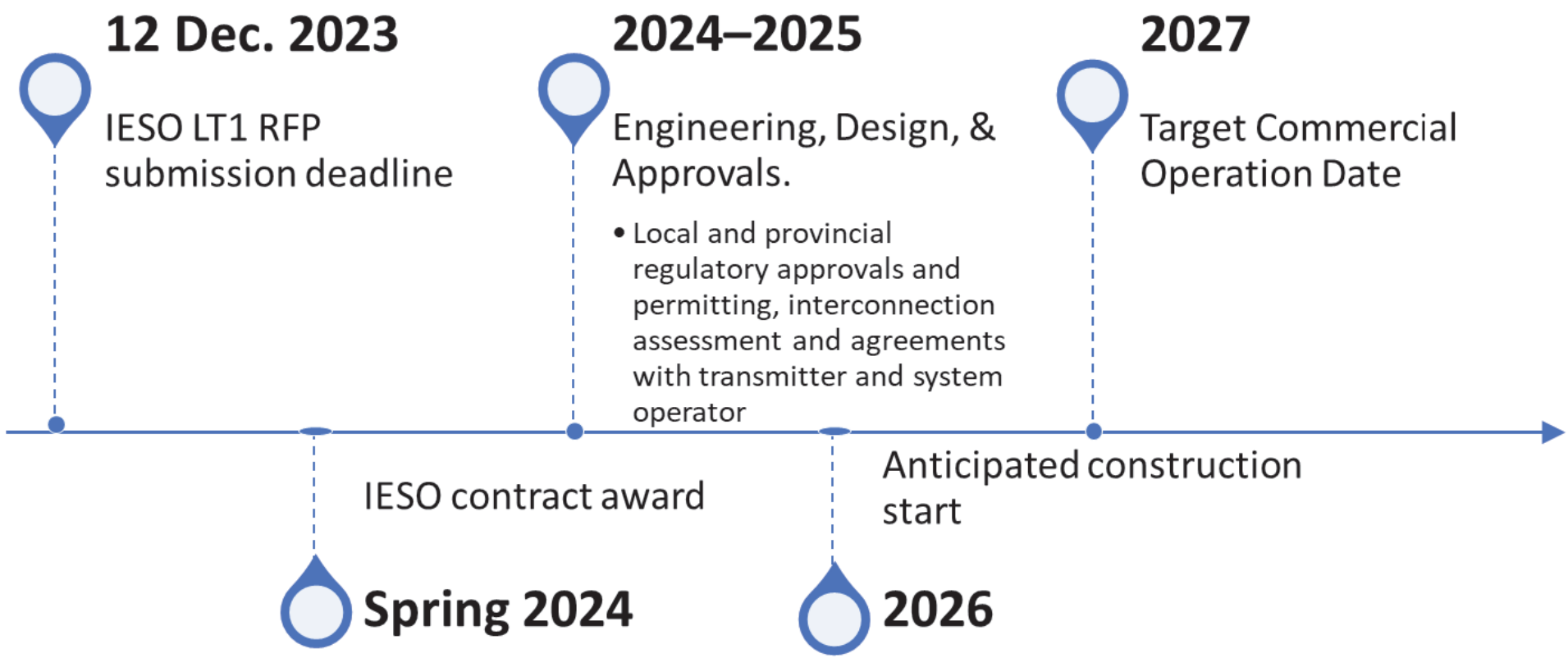
- The Project will be a valuable asset for decades to come, providing necessary capacity to the province with nearly zero polluting emissions.

- The Project will have little impact on neighboring businesses or the community, as a static facility, the Project generates insignificant traffic and creates minimal demand for municipal services.

- Significant project benefits to the community include:
  - High-paying construction, operations and maintenance jobs
  - Enhanced resiliency from a new, state-of-the-art power resource
  - Expanded property tax base for the local district

PLUS POWER

When will activities start?



PLUS POWER

How will Plus Power engage the community?

- Plus Power is committed to engaging in early and meaningful communication with Indigenous communities, adjacent landowners, the municipality, and other affected stakeholders to ensure the Project considers their values and concerns.

- The Armour Hill Engagement Plan can be found on our website at: www.ArmourHillenergystorage.com

- If awarded, engagement will continue throughout future regulatory approval and permitting processes.

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ARMOUR HILL ENERGY STORAGE

Legend

- Project Site
- Utility Line (Hydro)
- Watercourse
- Building

N

0 200 M

Project Location

Armour Hill Energy Storage Project

PLUS POWER

Path: H:\AVAANZ\9867 - AVAANZ Armour Hill\gis\mxd\displays\Project Location.mxd Revised: September 7, 2023

PLUS POWER

ARMOUR HILL ENERGY STORAGE

Thank you for coming!

For more information, please visit us at:

www.armmourhillenergystorage.com

or email us at **armourhill@pluspower.com**

Appendix D – Fact Sheets

About Armour Hill

The Armour Hill Energy Storage facility is a state-of-the-art battery energy storage system that will help ensure power reliability for Ontario's electricity system. The facility is located on approximately 10 acres of land in an optimal site for critically important transmission infrastructure, where it will interconnect to an important point of flow for the grid adjacent to Hydro One's Dobbin Transformer Substation.

The project will hold up to 175 MW / 700 MWh of battery energy capacity. Armour Hill will enhance grid reliability by drawing and storing energy from the grid during off-peak periods and releasing it back to the grid when energy demand is at its highest. Armour Hill is expected to provide significant benefits to Ontario's ratepayers by reducing the need and cost associated with using gas-fired power plants during times of peak demand as well as helping to clean Ontario's electricity system by optimizing the use of renewable energy resources. Plus Power is qualified applicant for the Ontario Independent Electricity System Operator (IESO) Long-Term 1 Request for Proposals (RFP) process.

Plus Power will submit a proposal to the IESO in December 2023 for a long-term capacity contract. If successful, Plus Power will proceed with the development, engineering, and construction of the project to bring the project online by 2027.

Community Benefits

- Increases local energy reliability
- Helps retire regional fossil fuel plants
- Creates high-paying local construction jobs
- Enables next generation of renewable energy
- Expands tax base for the local district

Proudly based in the USA, Plus Power has offices in Houston and San Francisco.

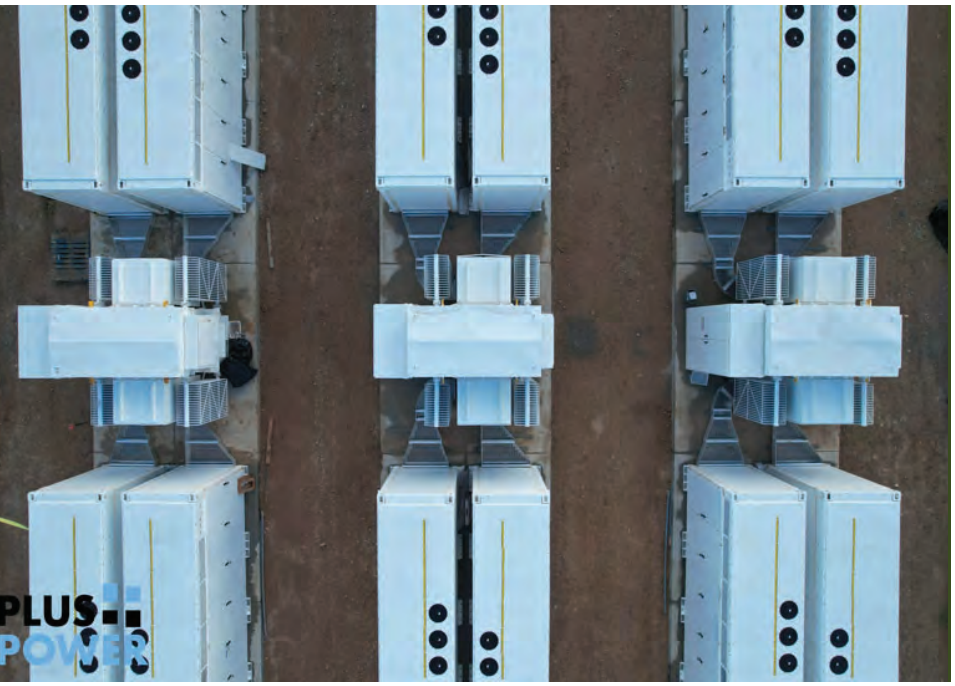
armourhill@pluspower.com
www.armourhillenergystorage.com
@Plus Power

Plus Power, LLC
1780 Hughes Landing Boulevard, suite 675, The Woodlands, TX 77380 USA

ARMOUR HILL ENERGY STORAGE

Energy Storage Advances Provincial and Local Goals

Plus Power has been developing Armour Hill Energy Storage since 2023 with a focus on meeting the capacity needs of Ontario's electricity system and the customers it serves. The Armour Hill facility will help Ontario meet its 2050 goal of reducing greenhouse gas emissions by 80% by providing necessary capacity to the province with nearly zero polluting emissions. Armour Hill will have little impact on neighboring businesses or the community at large; as a static facility, the Project generates insignificant traffic and creates minimal demand for municipal services. We are committed to working with all local stakeholders to ensure a successful project. Read our Community and Indigenous Engagement Plan on armourhillenergystorage.com.



The Plus Power team, led by seasoned renewable energy and energy storage executives from Tesla and NextEra, is accelerating the deployment of transmission-connected battery storage throughout the United States and Canada.

Plus Power has a pipeline of over 10 gigawatts of projects in nearly 28 states and provinces that will provide capacity, energy, and ancillary services to enable a faster transition to a renewable energy-powered grid.

Plus Power Experience

Building standalone battery energy storage systems that foster grid flexibility.

Plus Power develops, owns, and operates flexible, critical electrical infrastructure assets that serve dynamic, changing energy market needs. Plus Power has a pipeline of over 10 gigawatts of projects in 28 states and provinces that will provide capacity, energy, and ancillary services to enable a faster transition to a renewable energy-powered grid.

Plus Power's team applies an intentional mindset to energy storage development by prioritizing local relationships, optimal siting considerations, safety, and environmental stewardship.

Proudly based in the USA, Plus Power has offices in Houston and San Francisco.

armourhill@pluspower.com
www.armourhillenergystorage.com
@Plus Power

Plus Power, LLC
1780 Hughes Landing Boulevard, suite 675, The Woodlands, TX 77380 USA

PLUS POWER

PLUS POWER

Plus Power sites, develops, owns, and operates flexible, critical electrical infrastructure assets that serve dynamic, changing energy market needs. Our storage projects enable the next generation of clean energy resources on the grid.

- Project sites in 28 states—almost every major ISO/RTO in the U.S.
- Publicly-announced 100 MW+ projects in Hawaii, Texas, Arizona, Massachusetts, and Maine
- ~10 GW project pipeline
- Team has built 5+ GW--over a hundred-- utility-scale renewables and storage systems
- Proprietary data-driven development IP to site, build, and operate
- Deep safety ethos; utilizing proven and reliable technologies

The Plus Power team, led by seasoned renewable energy and energy storage executives from Tesla and NextEra, is accelerating the deployment of transmission-connected battery storage throughout the United States.

Plus Power has a pipeline of over 10 gigawatts of projects in 28 states that will provide capacity, energy, and ancillary services to enable a faster transition to a renewable energy-powered grid.

Benefits of Energy Storage:

- Local energy reliability
- Construction jobs
- Community tax revenue
- System-wide grid resilience support
- Higher integration of renewable energy and electric transportation

Plus Power's team applies an intentional mindset to energy storage development by prioritizing local relationships, optimal environmental siting considerations, stewardship, and safety.

Proudly based in the USA, Plus Power has offices in Houston and San Francisco.

contact@pluspower.com
www.pluspower.com
@Plus Power

1780 Hughes Landing Boulevard, suite 675, The Woodlands, TX 77380

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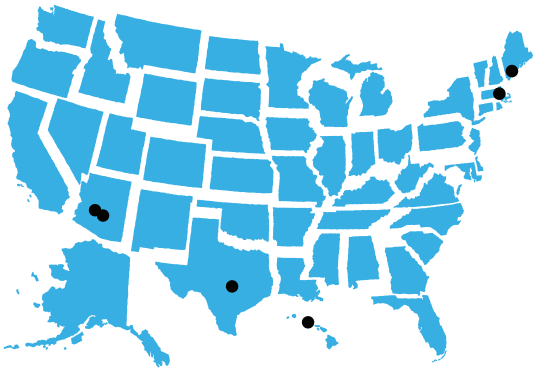
Announced Projects

MARQUEE PROJECTS	STATE	SIZE (MW/MWh)
Kapolei (KES)	HI	185 MW
Cross Town	ME	175 MW
Cranberry Point	MA	150 MW
Sierra Estrella	AZ	250 MW
Superstition	AZ	90 MW
Gambit	TX	100 MW



Highlighted Project

Kapolei Energy Storage is a 185 MW / 565 MWh project on the island of Oahu, where it will interconnect at a critical Hawaiian Electric substation near the retired 180 MW AES coal plant.

The project will provide load shifting and 50 MW of fast-frequency response services to Hawaiian Electric, enhancing grid reliability and accelerating the integration of plentiful customer-sited and utility-scale renewable energy.

By siting stand-alone energy storage with precision where the grid needs it most, Kapolei also uniquely offers black-start capabilities to Hawaiian Electric to help jump-start the grid after a natural disaster.

The project will provide the scale and timing necessary to help Hawaii's transition from coal and toward 100 percent renewable energy, enabling more renewable energy on the grid and with bill savings to ratepayers over the term of the facility.

Using Plus Power's proprietary software, our success is algorithm-driven, optimizing the use of our storage assets to maximize benefits and empower the grid of the future.

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ENERGY STORAGE IN THE COMMUNITY

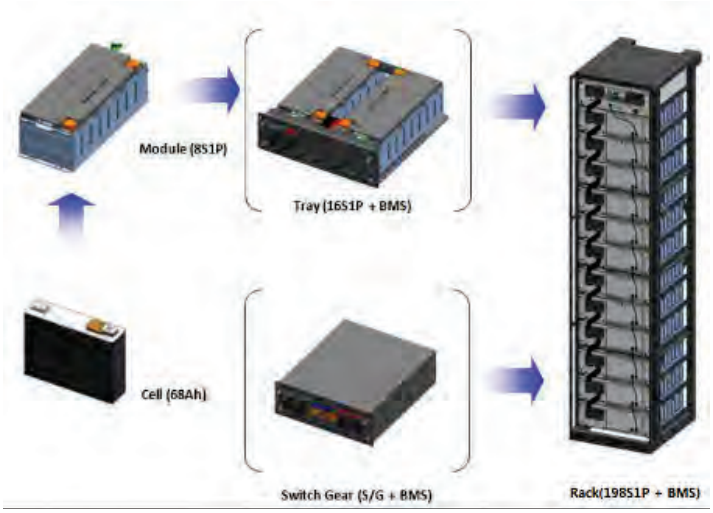
It's easy to forget how important electricity is in day-to-day life. From your computer and lights to your appliances and phone, electricity is what makes it all work.

Electricity must be supplied to your home or workplace on a constant basis in order to meet your minute-by-minute energy needs. Plus Power's standalone energy storage systems are a safe and efficient way to support the reliability of the electrical grid and reduce the potential for future blackouts as older conventional power plants retire. In fact, thousands of energy storage systems are already safely operating across the U.S. in cities, suburbs, small towns, and on farmland.

An energy storage facility's location is specifically chosen to help resolve a current or future challenge in the area's electric grid.

Plus Power's standalone storage facilities are typically rows of battery enclosure containers, generally 30-foot long by 8-foot high and mounted on foundations (similar to the image at right).

Plus Power develops "standalone" facilities in that no solar or wind generation is built at the site. These transmission-connected facilities are typically sited on only 5-15 acres of land, next to an existing substation, and secured with fencing.



Protecting the Environment

Plus Power's energy storage systems are designed to have little to no impact to the surrounding environment:

- Noise: Acoustic assessments by independent third parties are filed with permitting authorities to prove compliance with local or state noise code requirements.
- Lighting: Exterior lighting is not motion-triggered and remains off at night, unless regulations require otherwise. If required, our sites use low-lumen lighting for maintenance personnel to manually turn on, only when needed.
- Air: Battery storage creates no direct emissions during operation, as there is no burning of fossil fuels or other materials.
- Landscape: Small project / site footprints allow careful designs to avoid large-scale tree removal to the extent possible.
- Water: All local and state requirements are considered when intentionally designing project layouts. Wetlands and impacts to water are avoided to the extent possible.
- Heritage: Voluntary and required cultural surveys are performed to locate any sensitive cultural resources.

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Ensuring Safety

Air
Lithium-ion batteries do not emit gas or leak under normal operating conditions. Battery cells are hermetically-sealed (airtight) and are contained inside battery modules. In uncommon failures, the batteries can emit gas. These gases are primarily hydrogen, carbon monoxide, carbon dioxide, methane, and other trace gases (simple hydrocarbons).

Water
Unlike traditional lead acid batteries, there is no threat of groundwater contamination from leaking fluids within battery cells. This is due to the module design that encloses hermetically-sealed battery cells inside battery modules. The modules are mounted within racks, which are placed in leak-proof battery enclosures. In addition, the only liquid chemicals present within battery enclosures are heating/air conditioning coolants (similar to antifreeze used in automobiles).

Safety Planning
Lithium-ion batteries have been safely powering our lives - in our phones, computers and vehicles - since the 1990s. The safety standards for standalone battery storage facilities have been developed and improved for decades, resulting in today's National Fire Protection Association (NFPA) 855 system standard, International Fire Code (IFC), multiple UL standards including UL 9540A for large scale failure testing, and National Electric Codes. Plus Power's battery energy systems comply with these requirements.

Equipment layout design is a critical component of planning a safe facility. Maintaining access for emergency response access, as well as incorporating required separation between equipment removes the risk of propagation. Battery enclosures also incorporate multiple layers of safety features, including cell level voltage and temperature monitoring; flame, gas, and/or smoke detection; and remote shutdown features in the event of any technical issue.

Incident Management
Each project has a thorough Emergency Response Plan that addresses specific site related details. In the rare case of an incident, a thermal runaway in a lithium-ion cell is a chemical reaction that provokes a series of safety mitigation features to act in sequence to prevent thermal runaway, in compliance with NFPA 855, IFC, or local codes based on them. In the worst case of a thermal runaway, most battery cell manufacturers advise allowing the battery cells to consume its fuel. When any material burns, toxic chemicals or gasses may be released as a byproduct of that burning process. UL 9540 analysis of energy storage fires has shown that chemicals or gasses released would not be more toxic than what would be emitted from a residential or office building fire.

Decommissioning
A facility is sized to support a 20-year or longer life span. As individual batteries degrade, new batteries are added to a site to maintain expected facility performance. Therefore, decommissioning a storage facility is not expected to occur for 20 years. Metals and materials in battery cells are valuable and can be reused; in fact, current U.S.-based recyclers plan to recover and recycle more than 94 percent of a lithium-ion battery.

Battery storage facilities are safe, unobtrusive, and already relied upon widely across America to improve our electric grid and make it more reliable.

Safety and community confidence are paramount to Plus Power.

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What is a Battery Energy Storage System (BESS)?

Battery energy storage systems (BESS) manage variations in power generation by storing excess energy and injecting it back into the grid when it is needed. Lithium-ion battery energy storage systems (BESS) compose the vast majority of stationary energy storage being deployed today in the United States and around the world. Lithium-ion, or Li-ion, batteries have been deployed in a wide range of energy storage applications, acting as a generation, transmission or distribution asset – sometimes in a single project. Li-ion flexibility and efficiency benefits both stationary storage and electric transportation uses, leading to an immense scaling in production that is dramatically reducing battery costs and creating a vibrant new American manufacturing industry.

Energy Storage Benefits

Reduced Risk Of Power Outages

Today's electricity grid is increasingly vulnerable to threats from nature, terrorists, and accidents. Millions of American families and businesses are harmed by outages each year. Power outages cost as much as $200 billion annually, according to the Department of Energy, hitting the job-creating commercial and industrial sectors the hardest.

Clean Energy Integration And Energy Independence

Energy storage supports the integration of variable renewable energy generation and helps cut emissions as fossil-fuel generation retires. Peaking generation is costly and wasteful, so recycling existing generation and avoiding capital and resource-intensive new facilities makes a significant contribution to our environmental priorities.

Saving Consumers Money

Energy storage enables lower-cost, cleaner renewable energy to power the grid and it helps reduce the cost of grid services, such as frequency regulation.

Economy And Jobs

In addition to reducing economic losses from annual outages, experts say that energy storage will be a critical technology in the electricity grids of the future. They also predict that the long term-health of the U.S. economy, and tens of thousands of future U.S. jobs, depend in no small part on the ability of U.S. companies to at least remain competitive, if not to become leaders, in this critical technology.

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Why is energy storage important?

Energy storage fundamentally improves the way we generate, deliver, and consume electricity. The game-changing nature of energy storage is its ability to balance power supply and demand instantaneously, which makes power networks more resilient, efficient, and cleaner than ever before.

How is energy storage useful to the grid?

Energy storage is needed on a utility scale for three main reasons. The first is to "balance load" – shifting energy consumption by several hours – so generating capacity is used efficiently. The second is to ensure there is no break in service during the seconds or minutes required to switch from one power generation source to another. Finally, power quality management, the control of voltage and frequency to avoid damaging sensitive equipment, is an increasing concern that storage can alleviate whenever needed, for a few seconds or less, many times each day. Energy storage captures excess electricity at high efficiencies for use during outages, peak usage hours, or whenever effective grid management is a challenge.

Battery energy storage is an enabling technology. It can save consumers money, improve grid reliability and resilience, integrate generation sources, and help reduce negative environmental impacts.
Our investment in energy storage evolves with our grid, creating benefits and reliability for years to come.

Is energy storage technology safe?

Yes. Energy storage has been a part of our electricity grid since the 1930s and it enjoys a safety record that is similar to or better than other electricity generation, distribution, or management methods. The standards and codes for stationary energy storage as used in power infrastructure differ greatly from those for consumer electronics. New, comprehensive, and world-leading safety standards guide the U.S. installation of Li-ion stationary storage systems and products, such as the National Fire Protection Association (NFPA) 855 Standard for the Installation of Stationary Energy Storage Systems and related UL battery product and testing certifications. Additionally, a new American industry is growing rapidly to recapture nearly all of the valuable metals in batteries when systems are decommissioned.

Is energy storage clean?

Yes. Energy storage has no direct emissions. It requires no pipelines. It recycles electricity. The footprint of its systems are minimal. Energy storage also helps cut emissions as it takes more of the energy load off traditional generation systems, or allows them to operate in a more efficient manner. It also enables the grid to integrate more electric transportation.

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Appendix E – PowerPoint Presentation

ARMOUR HILL ENERGY STORAGE

Public Community Meeting

September 19, 2023

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PLUS POWER OVERVIEW

Our storage projects ensure continued safe and reliable distribution of electricity.

- **American-owned** and HQ'd in **Houston, TX**
- Formed in early 2018 by industry veterans from **NextEra and Tesla**
- Leader in large scale **standalone, transmission-connected energy storage** projects
- **10,000+ MW** pipeline in the US and Canada
- Proprietary **data-driven development tools** utilized to identify unique locational value with durability
- **Deep safety ethos** and focus on responsible development & deployment

Kapolei Energy Storage – Oahu, Hawaii

Why We Are Here Today

Ontario procurement: 4,000MW of Capacity Resources by 2028

IESO Long Term Procurement (LT1)

- 1,600 MW of energy storage
- Plus Power is a qualified applicant for LT1
- Timelines:
  - Proposals due: December 2023
  - Contract award: June 2024

Why Selwyn?

- High electrical value for the IESO
- Hydro One Dobbin substation is critical for the electric grid's reliability

Draft Project Rendering

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WHAT IS A BATTERY ENERGY STORAGE SYSTEM (BESS)?

Li-Ion battery packs

(similar technology as in phones, EVs, PCs)

Stabilizes the grid from renewables' intermittency

Stores excess electricity from the grid, discharges when needed

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Armour Hill Energy Storage: 365 Lily Lake Road, Selwyn, ON

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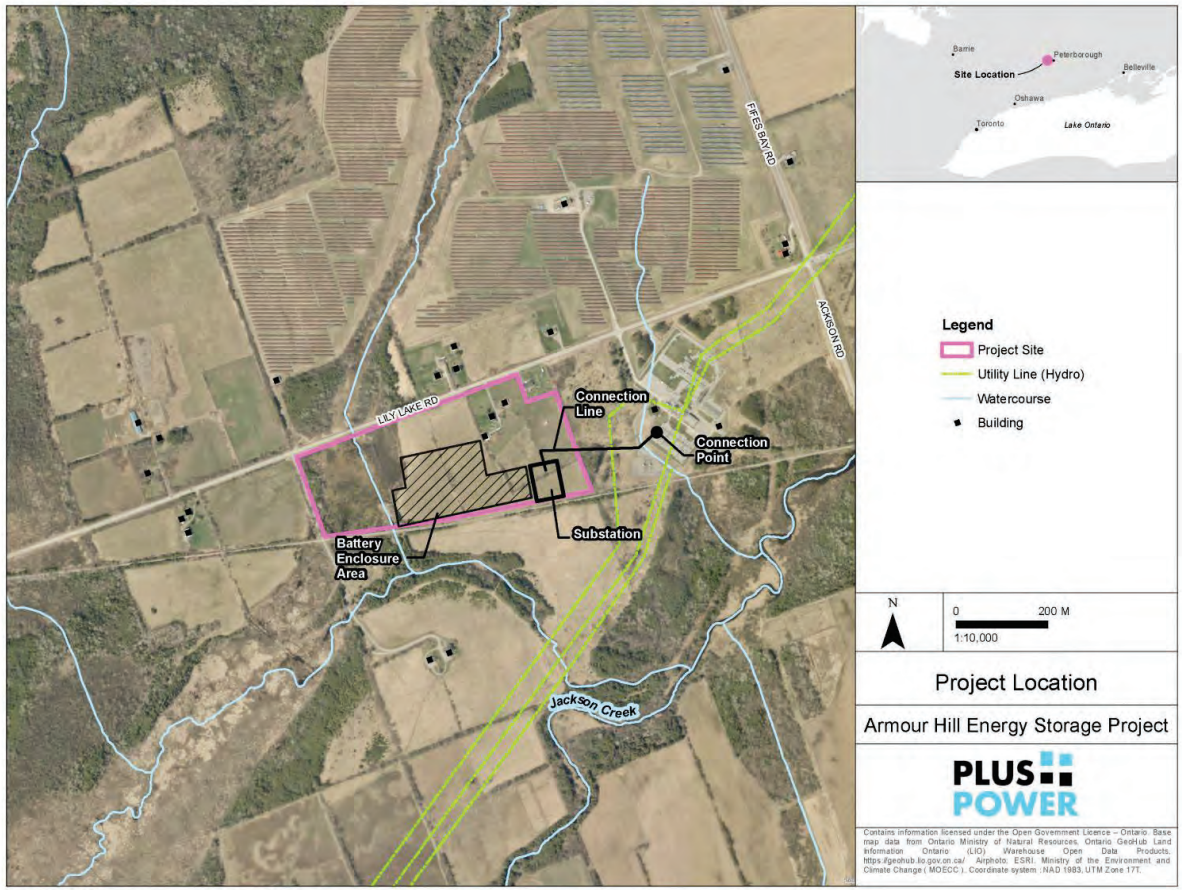
Armour Hill Energy Storage: 365 Lily Lake Road, Selwyn, ON



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EXPECTED IMPACTS

Traffic	1-2 light vehicles per week will visit the site during operation
Pollution / Emissions	No emissions of any kind (CO2, NOx, CO, SOx)
Noise	Audible impact similar to air conditioners, safe distance to be maintained from nearby residents
Water Use	No water needed to operate the facility
Light	Security lights only, dark sky compliant and pointed towards the site. No floodlights

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BENEFITS TO THE COMMUNITY

Increase Electric Grid Resiliency

BESS will help balance intermittency of local renewable energy resources

Continued safe and reliable electricity service

A project of this size can serve 175,000 homes

Property tax benefits

This project will provide significant and reliable long-term contributions to the Township's tax base

Construction jobs

Good paying local construction jobs (100-150), during the 6–12-month construction period

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1780 Hughes Landing Boulevard, Suite 675
The Woodlands, TX 77380, USA

David Biggar
Manager of Project Development, Ontario

E: armourhill@pluspower.com
W: www.armourhillenergystorage.com

Appendix F – Feedback Forms

Plus Power LT1 Community Meeting Feedback Form

Name: [redacted]

Email: [redacted] Phone: [redacted]

Address [redacted]

What information did you find most useful / were you most interested to hear:

- ☐ Project Location
- ☐ Project Timeline
- ☐ Project Specifications
- ☐ Community Benefits

Other, please describe:

What best describes your interest in the Project? Check all that apply.

- ☑ Adjacent Landowner
- ☐ Interested Person
- ☐ Community Resident
- ☐ Other: _____

How did you hear about this community meeting?

- ☑ Letter
- ☐ Newspaper ad
- ☐ Website
- ☐ Word of Mouth
- ☐ Other: _____

Do you have any concerns with the proposed Project? If yes, please explain.

Traffic and construction traffic - one lane bridge.
Noise from construction and then from the RTSS - hum? while we sleep
Dust during construction

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Plus Power LT1 Community Meeting Feedback Form

Name: [redacted]

Email: [redacted] Phone: [redacted]

Address: [redacted]

What information did you find most useful / were you most interested to hear:

- ☑ Project Location
- ☑ Project Timeline
- ☑ Project Specifications
- ☐ Community Benefits

Other, please describe: Personal Impact

What best describes your interest in the Project? Check all that apply.

- ☑ Adjacent Landowner
- ☐ Interested Person
- ☑ Community Resident
- ☐ Other: _____

How did you hear about this community meeting?

- ☐ Letter
- ☐ Newspaper ad
- ☐ Website
- ☐ Word of Mouth
- ☑ Other: Fire Department

Do you have any concerns with the proposed Project? If yes, please explain.

Concerned about location being so close to our property

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- Knocking downhill
- radiation
- reduction in property values
- explosion risk
- battery life
- concern about location