

AGENDA

HYBRID PUBLIC MEETING

Tuesday, November 18, 2025

6:30 P.M.

Katrine Community Centre, 6 Brown's Drive, Katrine, Ontario

Official Plan Amendment #4
&
Zoning By-law Amendment

APPLICANTS: PowerBank Corporation and David Creasor

LOCATION: The draft Amendments both apply to Part Lot 3, Concession 6, in the Township of Armour, known municipally as 219 Peggs Mountain Road.

PURPOSE AND EFFECT: The purpose of the submitted applications is to facilitate development of a Battery Energy Storage System ("BESS"). The effect of Official Plan Amendment No. 4 and the concurrently submitted Zoning By-law Amendment is to add site-specific policy and provisions to the Township's Official Plan and Comprehensive Zoning By-law to permit a Battery Energy Storage System ("BESS") on the subject lands.

VIDEO RECORDING DISCLAIMER & LAND ACKNOWLEDGEMENT	(1)
PROCEDURE AT PUBLIC MEETING	(2)
NOTICE OF PUBLIC MEETING CIRCULATION	(3)
PROPOSED OFFICIAL PLAN AMENDMENT	(4)
PROPOSED ZONING BY-LAW AMENDMENT	(5)
DRAFT SITE PLAN	(6)
WRITTEN PUBLIC SUBMISSIONS	(7)
TOWNSHIP PLANNER WILL PRESENT AN OVERVIEW	(8)
POWERBANK PRESENTATION	
MUNICIPAL CLERK'S SUMMARY OF SUBMISSIONS	(9)
PUBLIC COMMENTING PERIOD	
COUNCIL QUESTION PERIOD	
CLOSING COMMENTS BY TOWNSHIP PLANNER	
ADJOURNMENT	

Any member of the public who wishes to attend the virtual public meeting may contact the Clerk by 4:00 p.m. on Tuesday, November 18, 2025 via telephone at 705-382-3332 or by email at clerk@armourtownship.ca



Video Recording Disclaimer

This disclaimer is to inform all participants that this meeting conducted in-person and via Zoom will be recorded for recordkeeping purposes.

By participating in the meeting, you consent that the recording may contain:

1. Your video stream, including images of yourself.
2. Your audio stream. This includes any opinions you contribute.

Anyone attending the recorded meeting may have aspects of their personal data recorded, if they actively participate or not.

By staying in the meeting, you consent to being recorded.

By consenting and attending the meetings virtually or in-person, participants also agree to recordings being posted to YouTube or other distribution services.

Acknowledging First Peoples & Traditional Territory

Armour Township is situated on the traditional lands of the Anishinabe.

Armour Township recognizes the historical and contemporary contributions of the local first nations and the peoples of Turtle Island.

PUBLIC MEETING 6:30 P.M.– Official Plan and Zoning Amendments

1. CHAIRMAN: Reading of Video Recording Disclaimer and Acknowledging First Peoples & Traditional Territory.
2. CHAIRMAN: This is a public meeting that applies to Part Lot 3, Concession 6, in the Township of Armour, known municipally as 219 Peggs Mountain Road in the Township of Armour. It is a meeting to consider applications for an Official Plan Amendment and a Zoning By-Law Amendment that have been submitted to the Township under Sections 22 and 34 of the *Planning Act*. The applications have been submitted by “PowerBank Corporation”.
3. CHAIRMAN: The purpose of the Official Plan Amendment application is to amend the Township of Armour Official Plan to permit a Battery Energy Storage System (“BESS”) as a permitted use in the Rural Community designation on the lands known as 219 Peggs Mountain Road.
4. CHAIRMAN: The purpose of the proposed Zoning By-law Amendment is to amend By-law No. 27-95, as amended by By-law No. 23-2010, to permit a Battery Energy Storage System (“BESS”) as a permitted use in the Rural zone on the subject lands.
5. CLERK: Due to the Canada Post strike, notice of the public meeting was given by municipal hand delivery services, courier services, public postings or email on October 23, 2025 to the public, ministries and agencies as required by the *Planning Act*. A sign advising of the meeting was also posted on the property on October 29, 2025. Notice was also published in the digital edition of the Almaguin News for 30 days, commencing October 23, 2025 and on the Township of Armour’s website.
6. CHAIRMAN: The purpose of today’s public meeting is to receive public and agency comments. Once comments have been considered, a decision will be made on the applications at a future Council meeting.
7. CHAIRMAN: The procedure is, we will first hear from the Township’s Planning Consultant to provide an overview, followed by a presentation from PowerBank’s Planner and then we will hear from those in support of the applications and then those opposed to the applications.
8. CHAIRMAN: All persons wishing to address Council will please direct their questions through the Chair. Please begin by stating your full name and municipality of residence for the official record.
9. CHAIRMAN: Any persons who would like to be notified of the decisions made by the Township of Armour on the proposed official plan and zoning amendments must submit a written request to the Clerk prior to decisions being made. Anyone requesting such notice must provide their full name, address, postal code and email address. For anyone that would like to receive notice and is in attendance here today, a form is available at the front entrance that can be filled out prior to leaving the meeting.
10. CHAIRMAN: Copies of the proposed amendments, as submitted by the applicant, were circulated.
11. CHAIRMAN: We will now hear from the Township’s Planning Consultant to provide an overview of the applications.
12. CHAIRMAN: We will now hear from PowerBank’s Planner.
13. CHAIRMAN: We will now hear written submissions from the Clerk.

14. CHAIRMAN: Each speaker will have up to three minutes to address Council. If you are speaking on behalf of an organization or association, you may have up to five minutes. Please begin by stating your name and any affiliation for the record. Failure to make oral or written submissions to Council before a decision is made on the Official Plan amendment and Zoning By-law amendment may forfeit the right to appeal the decision to the Ontario Land Tribunal.

Is there anyone here in support of the Application?

Is there anyone here opposed to the Application?

15. CHAIRMAN: Council may ask questions of the applicant and/or members of the public.

16. CHAIRMAN: We will now hear closing comments from the Municipal Planner.

17. CHAIRMAN: The public meeting regarding consideration of the proposed amendment to Zoning By-Law No. 27-95, as amended and the Official Plan amendment in the Township of Armour, District of Parry Sound, is now adjourned. Once public and agency comments have been reviewed and considered, a recommendation from the Municipal Planner will be received by Council. The recommendation and by-laws will be brought forward to a meeting of Council for a decision. Council will carefully consider all information and submissions presented before making its final determination.

NOTES:

Council should not take a position on the By-Laws at the public meeting. They listen to all representations and direct their questions to the Planner, Clerk, Lawyer or Objectors in an attempt to gather information.

If Objectors get out of hand, the Chairman;

- Warns that questions are out of line and to re-phrase them
- Warns that attendees can be ejected from the meeting
- Call a 5 minute recess and announce to the Objector that he is doing this to give him a few minutes to think about the suitability of his conduct
- Eject him

If the Objector is rambling or repeating, the Chairman advises him that he has 3 minutes to summarize and conclude his remarks. (Then hit the gavel and ask for the next Objector).



NOTICE OF HYBRID PUBLIC MEETING FOR TUESDAY, NOVEMBER 18, 2025

CONCERNING PROPOSED OFFICIAL PLAN AMENDMENT No. 4 PLUS, A RELATED ZONING BY-LAW AMENDMENT

The Council for the Township of Armour is considering draft Amendments to both the Official Plan and the Township Zoning By-law No. 27-95, as amended, for the lands shown on the Key Map below.

APPLICANTS: PowerBank Corporation and David Creasor

LOCATION: The draft Amendments both apply to Part Lot 3, Concession 6, in the Township of Armour, known municipally as 219 Peggs Mountain Road, as shown on the Key Map below.

PURPOSE AND EFFECT: The purpose of the submitted applications is to facilitate development of a Battery Energy Storage System ("BESS"). The effect of Official Plan Amendment No. 4 and the concurrently submitted Zoning By-law Amendment is to add site-specific policy and provisions to the Township's Official Plan and Comprehensive Zoning By-law to permit a Battery Energy Storage System ("BESS") on the subject lands.

TAKE NOTICE that the Council of the Township of Armour will hold a statutory public meeting under the *Planning Act* on **Tuesday, November 18, 2025 at 6:30 p.m.** at the **Katrine Community Centre, 6 Brown's Drive, Katrine, Ontario**. The meeting will be held in a hybrid forum with electronic participation and in-person attendance options. The purpose of the meeting is to provide the public with an opportunity to review the applications and provide comments. After considering comments received from the public, Council will make decisions on whether or not to adopt and approve the subject Amendments at a future Council meeting.

Please advise the Clerk of your email address so an invitation to join the Zoom meeting can be sent which will allow you the opportunity to speak at the meeting. Anyone choosing to participate electronically is required to provide their email address in advance.

PLEASE NOTE that appeals to the Ontario Land Tribunal (OLT) are restricted as per *Bill 185, Cutting Red Tape to Build More Homes Act, 2024*. Appeals may only be filed by an applicant, the Minister of Municipal Affairs & Housing, a specified person or a public body (as defined by the *Planning Act*).

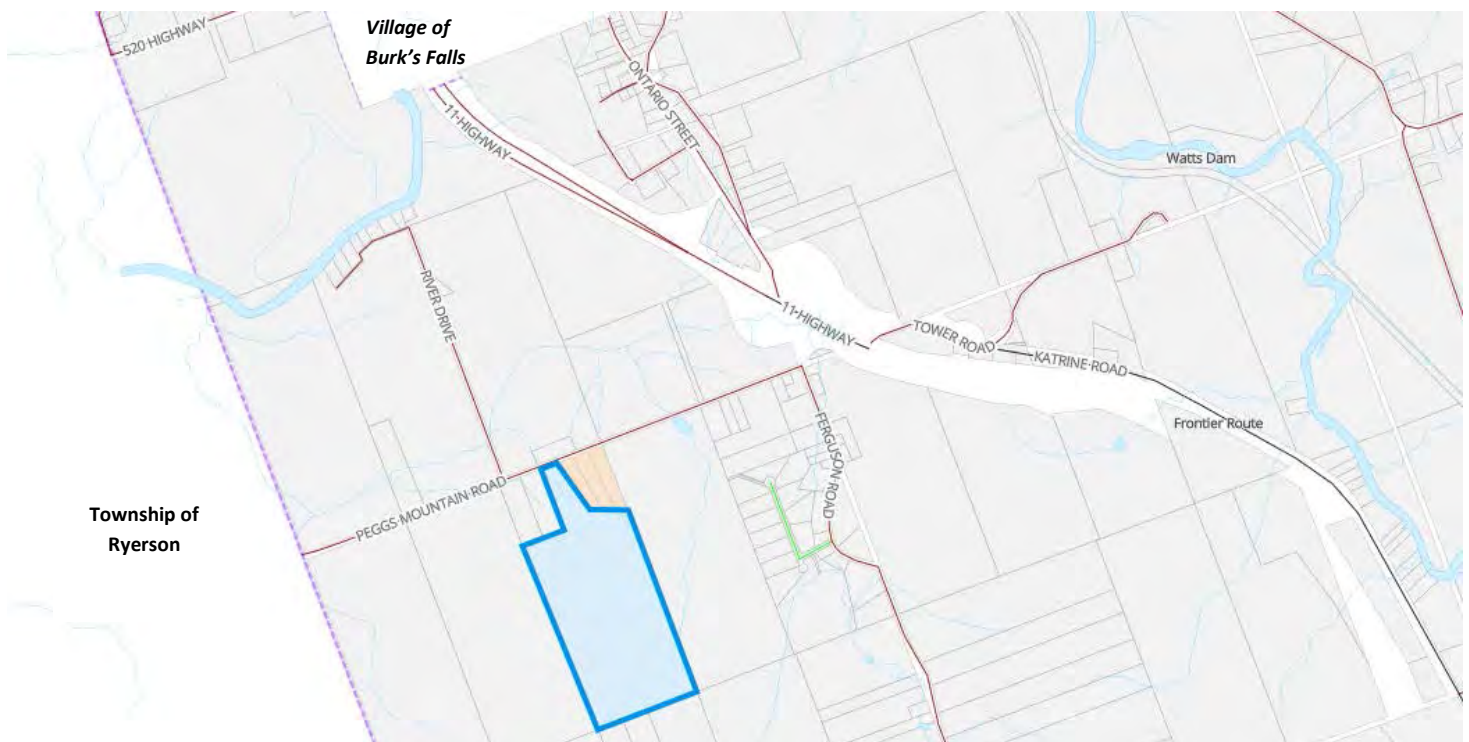
IF A PERSON OR PUBLIC BODY would otherwise have an ability to appeal the decisions of the Municipal Corporation of the Township of Armour to the Ontario Land Tribunal (OLT) but the person or public body does not make oral submissions at a public meeting or make written submissions to the Municipal Corporation of the Township of Armour before the Official Plan and Zoning By-law Amendments are adopted and passed, the person or public body is not entitled to appeal the decisions.

IF A PERSON OR PUBLIC BODY does not make oral submissions at a public meeting or make written submissions to the Municipal Corporation of the Township of Armour before the Official Plan and Zoning By-laws are adopted and passed, the person or public body may not be added as a party to the hearing of an appeal before the Ontario Land Tribunal unless, in the opinion of the Tribunal, there are reasonable grounds to do so.

ADDITIONAL INFORMATION relating to the proposed Official Plan and Zoning By-law Amendments is available at www.armourtownship.ca. If you wish to be notified of the decisions of the Municipal Corporation of the Township of Armour on the proposed Official Plan and/or Zoning By-law Amendments, you must make a written request to:

Mrs. Charlene Watt, Municipal Clerk
Township of Armour
56 Ontario Street, Box 533
Burk's Falls, ON P0A 1C0
clerk@armourtownship.ca

Dated in the **Township of Armour** this **29th** day of **October, 2025**.



BY-LAW NO. _____

A BY-LAW TO AMEND

TOWNSHIP OF ARMOUR OFFICIAL PLAN

Permitting Battery Energy Storage Systems

219 Peggs Mountain Road

THE MUNICIPAL CORPORATION OF THE TOWNSHIP OF ARMOUR

Box 533
Burk's Falls, Ontario
P0A 1C0

OFFICIAL PLAN AMENDMENT NO. 4

Passed by the Council of the Municipal Corporation of the Township of Armour

Lands Affected:	This By-law applies only to the lands within the Township of Armour municipally known as 219 Peggs Mountain Road, legally described as Part Lot 3, Concession 6.
Present Designation:	Under the Township of Armour Official Plan, the lands are designated Rural Community.
Proposed Designation:	The amendment adds a site-specific exception for the lands to clarify that a Battery Energy Storage System (“BESS”) is permitted on the lands.
Zoning By-law:	A concurrent Zoning By-law Amendment is being brought into affect to clarify Battery Energy Storage System (“BESS”) as a permitted use in the site-specific Rural (Ru) zone for the lands.
By-law Purpose:	The goal of this By-law is to amend the Township of Armour Official Plan to confirm that Battery Energy Storage Systems (“BESS’s”) are a permitted use in the Rural Community designation on the lands, as per the Provincial Planning Statement, 2024.

THE MUNICIPAL CORPORATION OF THE TOWNSHIP OF ARMOUR

BY-LAW NO. _____

Being a by-law to adopt the Armour Township Official Plan Amendment No. 4

WHEREAS the Council of the Municipal Corporation of the Township of Armour held a Public Meeting on the ____ day of _____, 2025 respecting Council's intent to amend the Township of Armour Official Plan;

AND WHEREAS Council has given serious consideration for the need to adopt an amendment to the Official Plan of the Township of Armour;

AND WHEREAS Council has determined that the proposed Amendment is appropriate and desirable for the development of the municipality in general;

NOW THEREFORE the Council of the Corporation of the Township of Armour, in accordance with the provisions of the Planning Act, R.S.O. 1990, c. P. 13, as amended, hereby enacts as follows:

1. Amendment No. 4 to the Township of Armour Official Plan, is hereby adopted.
2. That this By-law shall come into effect on the date it is passed by the Council of the Municipal Corporation of the Township of Armour, subject to the provisions of the Planning Act, R.S.O. 1990.

Read in its entirety, approved, signed and the seal of the Corporation affixed thereto and finally passed in open Council this ____ day of _____, 2025.

Rod Ward, Mayor

Charlene Watt, Clerk

AMENDMENT NUMBER 4

TO THE

TOWNSHIP OF ARMOUR OFFICIAL PLAN

DRAFT

AMENDMENT NUMBER 4
TO THE
TOWNSHIP OF ARMOUR OFFICIAL PLAN

INDEX

PART “A” - THE PREAMBLE

The Preamble provides an explanation of the proposed Amendment including the purpose, extent, background information, and basis but does not form part of this Amendment.

PART “B” - THE AMENDMENT

The Amendment describes the changes to the Armour Township Official Plan which constitute Official Plan Amendment Number 4.

DRAFT

PART “A” – THE PREAMBLE

PURPOSE

The purpose of the amendment is to clarify the Township of Armour Official Plan to confirm that Battery Energy Storage Systems (“BESS’s”) are a permitted use on certain lands in the Rural Community designation.

LOCATION

This amendment applies to the lands within the Township of Armour municipally known as 219 Peggs Mountain Road, legally described as Part Lot 3, Concession 6.

BACKGROUND

A privately initiated application to amend the Armour Township Official Plan was received by the Township of Armour and deemed complete on January 21, 2025. The application requests an amendment to the Official Plan to permit a Battery Energy Storage System on the lands subject to this amendment.

BASIS

The applicant proposes to develop a Battery Energy Storage System on the lands located at 219 Peggs Mountain Road.

The subject lands are designated Rural Community in the Township of Armour Official Plan. The amendment meets the intent of the Official Plan, which permits a range of uses on lands designated Rural Community, including uses for “public utility”.

The Official Plan Amendment is consistent with the Provincial Planning Statement, 2024, which encourages and permits the use of lands (including Rural Lands) for Energy Storage Systems.

IMPLEMENTATION AND INTERPRETATION

This Amendment shall be in accordance with the policies of the Armour Official Plan.

PART “B” – THE AMENDMENT

All of this part of the document entitled “PART “B” - THE AMENDMENT”, consisting of the following text, constitute Amendment No. 4 to the Official Plan of the Township of Armour.

DETAILS OF THE AMENDMENT

The Official Plan of the Township of Armour is hereby amended as follows:

1. Section 2.1 (Rural Community) of the Township of Armour Official Plan, is hereby amended to add the following subsection:

2.1.3(c)viii) *“A Battery Energy Storage System shall be permitted on lands at 219 Peggs Mountain Road and described as Part Lot 3 Con 6 Armour Township.”*
2. A location map will be added to section 2.1.3(c)viii) to reference and locate the new policy above.

Municipal Corporation of the Township of Armour

Location Map for Official Plan Amendment No. 4

LOT 1

LOT 2

LOT 3

LOT 4

River Drive

Peggs Mountain Road

CON. VII

Official Plan Policy
2.1.3(c)viii) applies

CON. VI

CON. V



SUBJECT LANDS

0 200 400m



LOCATION MAP FOR OFFICIAL PLAN AMENDMENT NO. 4

_____ 2025

MAYOR _____

CLERK _____

ZONING BY-LAW NO. _____

A BY-LAW TO AMEND

ZONING BY-LAW NO. 27-95 as amended

Permitting Battery Energy Storage System

219 Peggs Mountain Road

THE MUNICIPAL CORPORATION OF THE TOWNSHIP OF ARMOUR

Box 533
Burk's Falls, Ontario
P0A 1C0

EXPLANATORY NOTE

To Zoning By-law No. [blank]

Passed by the Council of the Municipal Corporation of the Township of Armour

Lands Affected:	This By-law applies only to the lands within the Township of Armour municipally known as 219 Peggs Mountain Road, legally described as Part Lot 3, Concession 6.
Present Zoning:	Under Armour Township Zoning By-law No. 27-95 (as amended), the lands are zoned Rural (Ru).
Proposed Zoning:	The amendment adds a site-specific exception for the lands to clarify that a Battery Energy Storage System (“BESS”) is permitted on the lands municipality known as 219 Peggs Mountain Road, legally described as Part Lot 3, Concession 6, while maintaining the underlying Rural (Ru) zoning.
Official Plan Designation:	An amendment to the Township of Armour Official Plan clarifies that a Battery Energy Storage System (“BESS”) is a permitted use on the lands subject to this By-law.
By-law Purpose:	The goal of this By-law is to update Zoning By-law No. 27-95 (as amended) to confirm that Battery Energy Storage Systems (“BESS’s”) are a permitted use on the lands subject to this By-law.

ZONING BY-LAW NO. _____

THE MUNICIPAL CORPORATION OF THE TOWNSHIP OF ARMOUR

Being a By-law under Section 34 of the *Planning Act, R.S.O. 1990*, to amend Zoning By-law No. 27-95, as amended, of the Municipal Corporation of the Township of Armour, with respect to adding permissions for Battery Energy Storage System (“BESS”) in the Rural (Ru) zone as it relates to the lands municipally known as 219 Peggs Mountain Road, legally described as Part Lot 3, Concession 6.

WHEREAS the Council of the Municipal Corporation of the Township of Armour has reviewed Zoning By-law No. 27-95, as amended, and finds it advisable to amend same;

NOW THEREFORE the Council of the Municipal Corporation of the Township of Armour enacts as follows:

1. **THAT** Section 2 (Definitions) of Zoning By-law No. 27-95, as amended, is hereby updated to add the following subsection:

2.XX “**Battery Energy Storage System (BESS)**” means a battery storage system or facility that captures energy produced at one time for use at a later time to reduce imbalances between energy demand and energy production; and
2. **THAT** Section 19 (Exceptions) of Zoning By-law No. 27-95, as amended, is hereby updated to add the following subsection:

RU-108 Schedule A-2

“Notwithstanding any provisions to the contrary, a Battery Energy Storage System is permitted at 219 Peggs Mountain Road, described as Part Lot 3 Con 6 Armour Township.”; and
3. **THAT** Schedule A-2 of Zoning By-law No. 27-95, as amended, is hereby amended by changing the zoning classification of the subject lands forming Part Lot 3, Concession 6, known municipally as 219 Peggs Mountain Road, from the Rural (Ru) Zone to the Rural Exception No. 108 (Ru-108) Zone in accordance with Schedule “A” attached hereto and by this reference forming part of this By-law; and
4. **THAT** this By-law shall come into effect on the date it is passed by the Council of the Municipal Corporation of the Township of Armour, subject to the provisions of the Planning Act, R.S.O. 1990.

Read in its entirety, approved, signed and the seal of the Corporation affixed thereto and finally passed in open Council this ____ day of _____, 2025.

Rod Ward, Mayor

Charlene Watt, Clerk

DRAFT

Municipal Corporation of the Township of Armour
SCHEDULE "A" TO ZONING BY-LAW No. _____

LOT 1

LOT 2

LOT 3

LOT 4

Ru

River Drive

CH MH

CON. VII

Peggs Mountain Road

Ru

CHANGE FROM
Ru TO Ru-108

Ru

CON. VI

Ru

CON. V



SUBJECT LANDS

0 200 400m

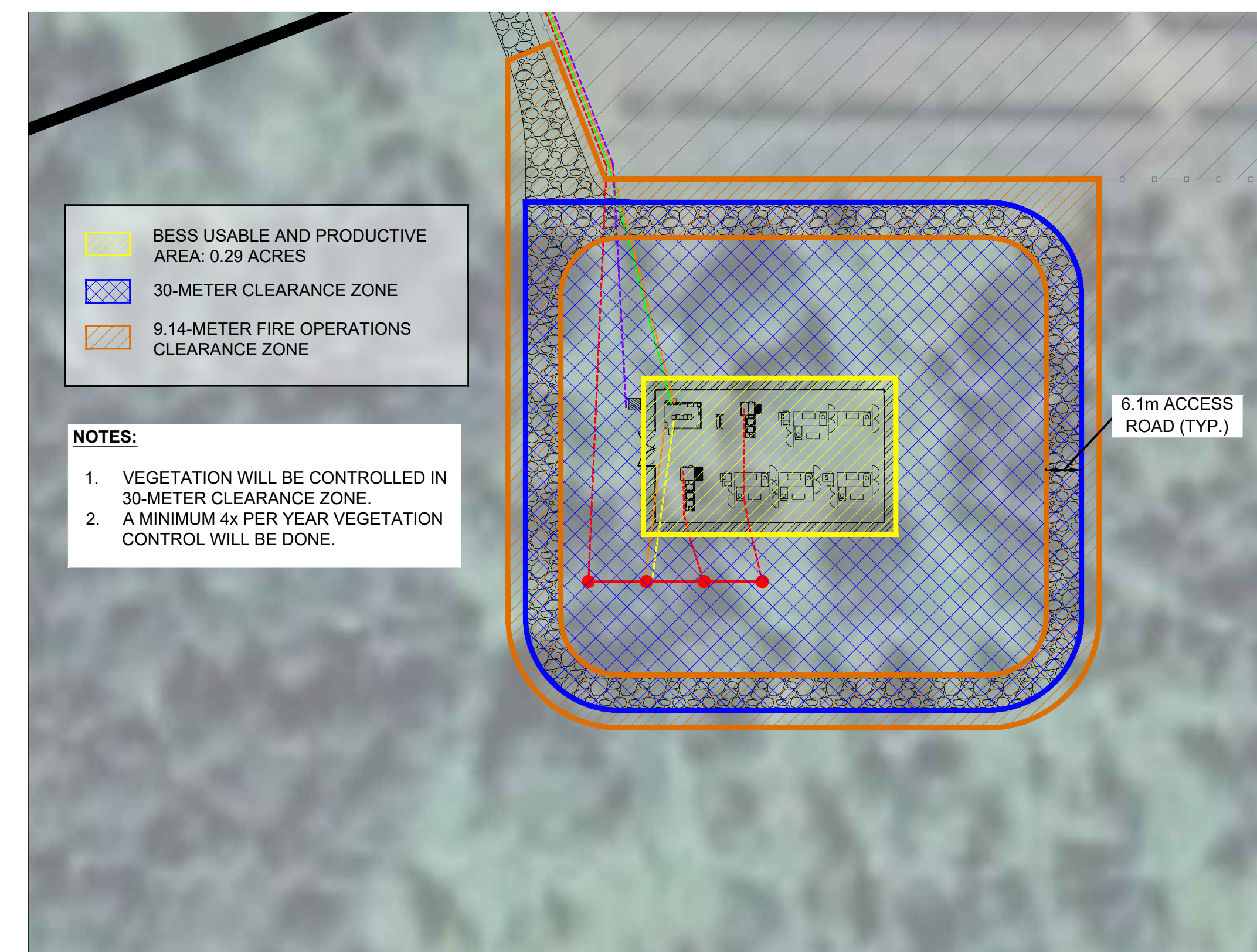
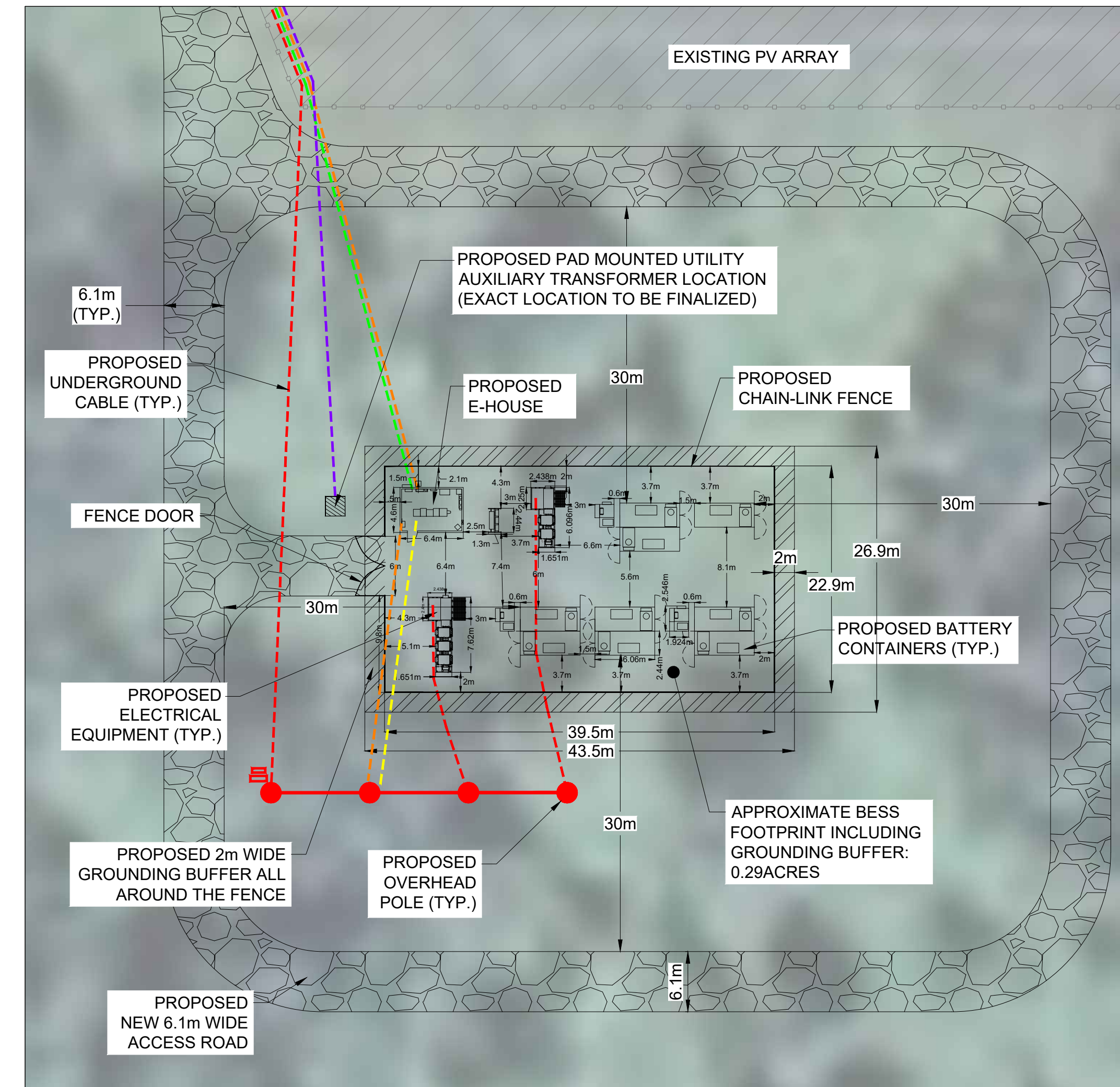
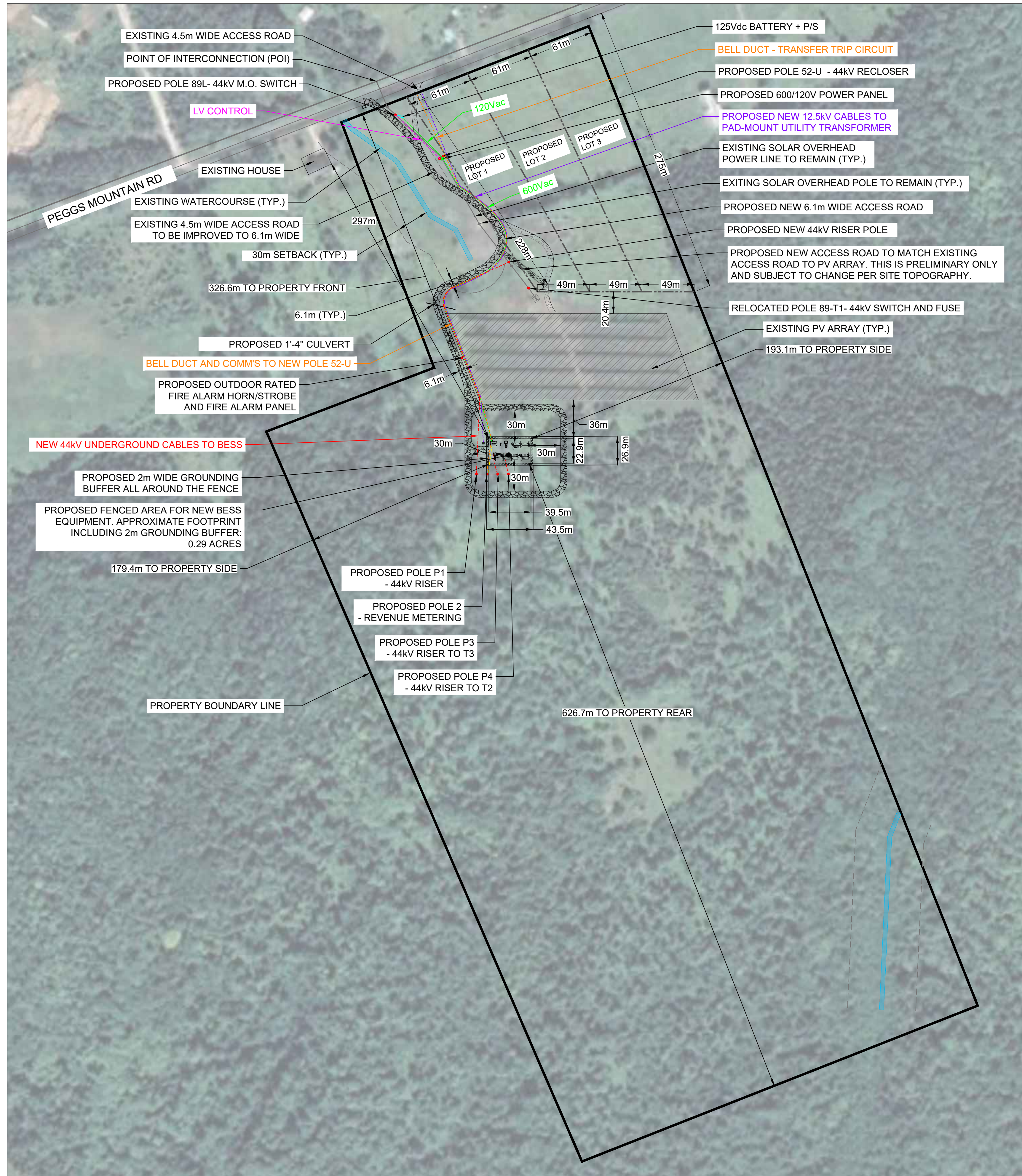


THIS IS SCHEDULE "A" TO BY-LAW No. _____

_____ 2025

MAYOR _____

CLERK _____



Suite 803, 505 Consumer Road,
North York M2J 4V8
T: 416 494 9559
www.solarbankcorp.com

ISSUE STAGE:

PERMIT

THIS DRAWING IS AN INSTRUMENT OF SERVICE, IS PROVIDED BY AND IS THE PROPERTY OF ABUNDANT SOLAR ENERGY INC. THIS DRAWING CANNOT BE MODIFIED AND/OR REPRODUCED WITHOUT THE CONSENT OF THIS OFFICE

ENGINEER'S SEAL

FOR PRELIMINARY ONLY
AND NOT FOR CONSTRUCTION

REV#	DESCRIPTION	DATE	D.B.	C.B.
06	ISSUED FOR PERMIT	2024-11-28	S.Z.	H.R.
05	ISSUED FOR REVIEW	2024-11-14	S.Z.	H.R.
04	ISSUED FOR REVIEW	2024-03-04	S.Z.	M.S.
03	ISSUED FOR REVIEW	2024-02-21	S.Z.	M.S.
02	ISSUED FOR REVIEW	2024-01-16	S.Z.	S.X.
01	ISSUED FOR CONSENT APPLICATION	2023-12-21	S.Z.	S.X.
00	ISSUED FOR CIA	2023-07-28	S.Z.	S.X.

DRAWING NAME:
SITE PLAN

DRAWN BY:
S.Z.

CHECKED BY:
H.R.

SCALE:
AS NOTED

DATE:
2024-11-28

PROJECT ADDRESS:
903
219 PEGGS MOUNTAIN ROAD,
ARMOUR, ONTARIO, P0A 1C0

PROJECT NO::
E-LT1-903

DRAWING NO:
E-1

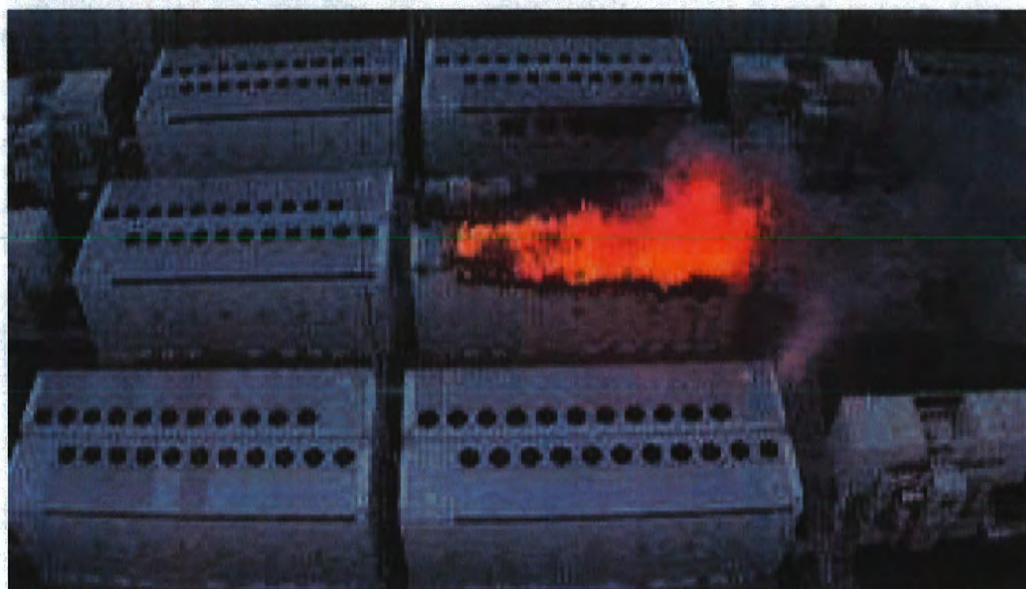
EV. NO:
06

RECEIVED
NOVEMBER 13, 2025
TOWNSHIP OF ARMOUR

change.org

<https://www.change.org/p/no-lithium-battery-storage-facility-bess-in-armour-township>

No Lithium Battery Storage Facility (BESS) in Armour Township



The Issue

Residents across Armour Township, Burk's Falls, Ryerson Township, and the greater Almaguin area share a love for the outdoors. However, a proposal for a Lithium Battery Storage Facility in Armour Township threatens not only our ecosystem and waterways, but the health of residents, and the livelihood of businesses that rely on tourism as well.

There is a reason why they chose this area - it is sparsely populated but still an easy two hour drive from the GTA. This shows there are risks, but we are not the dumping grounds for hazardous material.

Join us in the fight to encourage the Armour Township's Council to reject the Lithium Battery Storage Facility proposal by signing our petition today! You can also email the Mayor and councillors of Armour Township to express your concerns.

What risks does the Lithium Battery Storage Facility pose?

Structure Fire - Lithium battery fires are impossible to extinguish, presenting a great risk to nearby homes. During the summer in particular, a fire at this facility could easily spread affecting homes far beyond the immediate area. A fire would also release chemicals that have serious and long term effects on local wildlife and residents. It would make the general area uninhabitable for generations.

Strain on Local Resources - Lithium battery fires cannot be put out. They must burn until they extinguish. Our local fire fighting resources are already strained. This storage facility would require our local firefighters to gain additional training and equipment and would be a very dangerous fire to fight.

Water Contamination - The proposed location for the Battery Storage Facility is within the Magnetawan River Watershed, as defined by the Ontario Watershed Information Tool. This mapping service shows there is water on the property that connects to the Magnetawan River Waterway.

Air Pollutants - The chemicals in the battery will become airborne in the event of a fire, posing a great risk to the health of local residents, flora and fauna. Our area has seen our air quality deteriorate from wildfires in neighbouring provinces, nevermind a chemical fire in our own township.

Diminished Property Values - The multitude of risks this storage facility carries has a great impact on the property values of the surrounding homes. In the event of a fire, the impact may be much farther reaching should the fire impact our waterways or ignite a wildfire.

Minimal Economic Benefit - The company who has proposed the storage facility has committed to monitoring the facility remotely via cameras. This means there will be minimal local employment opportunities, apart from a singular landowner reaping the vast majority of the benefits.

Risk to Local Businesses - Many local businesses rely on tourism to keep their businesses afloat. Any pollution could have dire consequences for our local economy, especially those reliant on a healthy ecosystem. This includes fishing and hunting outfits, short term rentals, the businesses along the main streets of our small towns and many, many more.

Inadequate Remediation Plan - This storage facility is set to close in 2047 but the company has only set aside \$60,000 to remediate the property. Even in today's market, this is substantially under bid. We also run the even greater risk that this company will no longer exist in 20+ years and they won't be liable for the remediation plan.

Please email clerk@armourtownship.ca to express your opinion and ask questions. More information regarding the proposed BESS Facility can be found on the Armour Township website.

Name	City	Postal Code	Signed On
Ashley Awan	Peterborough	K0L 1T0	2025-02-19
Amanda Macdonald	Burksfalls	P0a	2025-02-19
Ashley Vrij	Emsdale	P0A 1J0	2025-02-19
Joann Corrigan	Burks falls Armour twns	P0A1C0	2025-02-19
Sharon Haslam			2025-02-19
Rob Cadieux	Burk's Falls	P0A 1C0	2025-02-19
Debbie Hope	Toronto	M2P	2025-02-19
Krista Dobie	Huntsville	P1H	2025-02-19
Lindsay Cormier	Gravenhurst	P1P 1N9	2025-02-19
Josh Awan	Beeton	P0a	2025-02-19
Alice Hewitt	Burk's Falls	P0A1C0	2025-02-19
Dino Cultraro	Toronto	M5A	2025-02-19
Jennifer Sporer	Huntsville	P1H	2025-02-19
Gail Robertson	emsdale	poa-1jo	2025-02-19
Alexandria Haxton	Toronto	M6B	2025-02-19
Laureen Payne	Burks Falls	P0A 1C0	2025-02-19
Robert Baron	Markham	L3P3Z4	2025-02-19
Carolann Moore	ARMOUR	P0A1C0	2025-02-19
Jenna Perri	Emsdale	P0A	2025-02-19
Andrew Brechin	Armour Township	P0A1C0	2025-02-19
Sandra Anderson	Burk's Falls	P0A1C0	2025-02-19
Ana Cultraro	Ryerson township	P0A1C0	2025-02-19
Shari Anderson	Emsdale	P0A 1J0	2025-02-19
Nicole Evelyn Barkey	Toronto	M5A	2025-02-19
Monica Miles	Burks Falls	P0A 1C0	2025-02-19
Tabatha Fuller	Burks Falls	P0A1C0	2025-02-19
Stephanie Parkes	Emsdale	P0A	2025-02-19
Tammy Lyn Cowan	Burksfalls	P0A	2025-02-19
Katie O'Brien	Burks Falls, ON	P0A 1C0	2025-02-19
Debbie Veitch	Gravenhurst	P1P	2025-02-19
Noelle Jankovic	Toronto	M6M	2025-02-19
Grace McCoy	Coe Hill	K0L 1P0	2025-02-19
Michelle Payne	Burks Falls	P0A 1C0	2025-02-19
Wendy O'Reilly	Toronto	M4E	2025-02-19
Edna Kiernan	Bracebridge	P1L	2025-02-19
Heidi Jankovic	Huntsville	P1H	2025-02-19
Larry Jankovic	Huntsville	P1H	2025-02-19
Ariel Baptiste	Burk's Falls	P0a1c0	2025-02-19
Michelle Keetch	BURKS FALLS	P0A1C0	2025-02-19
Krista Barkey	Emsdale	P0A1C0	2025-02-19
Megan Harriss Harriss	Sprucedale	P0A1Y0	2025-02-19
Brenda Gray	Magnetawan	P0A 1P0	2025-02-19
Gladys Middlebrook	Burk's Falls	P0A 1C0	2025-02-19
David Henderson	Burks Falls	P0A1C0	2025-02-19
Angela Richardson	Magnetawan	P0A 1P0	2025-02-19
Rick Dingman	Georgetown	L7G	2025-02-19

Name	City	Postal Code	Signed On
Lucie St. Georges Arends	Sundridge	P0A	2025-02-19
Victoria-Lynn Rowe	Huntsville	P1H 1S7M6P	2025-02-19
Greg Near	4293 hwy 520, Magneta	P0A1P0	2025-02-20
Anita Henechowicz	Thornhill	L3T	2025-02-20
Kyla Richardson	Belleville	K8N	2025-02-20
Laura McFarland	Huntsville	P1h2j4	2025-02-20
Jenn Talbot	Burks Falls	P0A 1C0	2025-02-20
Margaux Henderson	Burks Falls	P0A	2025-02-20
Taylor Keetch	Burks Falls	P0A1C0	2025-02-20
Nancy Anderson	Toronto	M5A	2025-02-20
Mark Hazen	Burks Falls	P0A 1C0	2025-02-20
Amelia Percival	Burks Falls	P0A 1C0	2025-02-20
Steven Hewitt	Sundridge	P0A 1Z0	2025-02-20
Brenda Balesdent	Toronto	M5A	2025-02-20
Rondi Penfold	Mississauga	L5M	2025-02-20
Jami Armstrong	Toronto	M5A	2025-02-20
Robyn bay	Edmonton	T6T 6C0M5	2025-02-20
Lucy Borne	Burks Falls	P0A 1C0	2025-02-20
Bonnie Phippen	Sundridge	P0A	2025-02-20
Kresimir Dirlen	Vancouver	V6E	2025-02-20
Julia Van Ed	Big Doe Lake, Burks Falls	P0A 1C0	2025-02-20
Tammy Hajas	Brantford	N3S	2025-02-20
Jacqueline Stump	Williams Lake	V2G	2025-02-20
Joanne Sellan	South river	P0A	2025-02-20
Dawn Detta	South river	P0A 1X0	2025-02-20
Kim Adamson	Burks Falls	P0A1C0	2025-02-20
Hugh Jackson	Guelph	N1E	2025-02-20
Saxxon Garreton	South River	P0A	2025-02-20
Kelly Maynard	Toronto	M6K	2025-02-20
Kim Deschenes	Katrine	P0A1L0	2025-02-20
Susan Hewitt	Port Coquitlam	V3B	2025-02-20
Ella Murray	Georgetown	L7G	2025-02-20
Laura Page	Toronto	M9N	2025-02-20
Craig Fraser	Brampton	L6P	2025-02-20
Marjorie Bradley	Whitfield	3773	2025-02-20
Portia Bonyad	Vaudreuil-Dorion	J7V7R9	2025-02-20
Rebecca Dingman	North Bay	P1B	2025-02-20
John Mottershead	Emsdale	P0A 1J0	2025-02-20
Kathleen Flynn	Coquitlam	V3J	2025-02-20
Bernice Dostal	Port Coquitlam	V3C	2025-02-20
Helen Longhurst	Alliston	L9R	2025-02-20
Shaun Depeuter	Toronto	M4V	2025-02-20
Jaye Skeoch-Brewer	Katrine	P0A 1L0	2025-02-20
Janine Skeoch	Huntsville	P0A	2025-02-20
Lori Bowerman	Burks Falls	P0A 1C0	2025-02-20
Anne-Marie Hood	Ryerson	P0A 1C0	2025-02-20

Name	City	Postal Code	Signed On
Joan Botham	Sundridge	P0A1Z0	2025-02-20
Carol McIntyre	Huntsville	P1H	2025-02-20
CARI Bradley	Richmond Hill	L4E4X6	2025-02-20
Denae Laws	Emsdale	P0A	2025-02-20
Bouillon Laura	Emsdale	P0A1J0	2025-02-20
Rita Nielsen	Oshawa	L1K	2025-02-20
J Weber	Katrine		2025-02-20
Glen Weber	Kitchener	N2H	2025-02-20
Jill Skeoch-Cummins Skeoch-Cummins	Toronto	M4C	2025-02-20
Amy Chambers	Magnetawan	P0A	2025-02-20
Shannan Rhiness	Kearney	P0A1M0	2025-02-20
Kelly McCartney	Caledon	L7C	2025-02-20
Robert CUDAHY	Huntsville	P1H	2025-02-20
Brooke Simpson	Burks Falls	P0a1c0	2025-02-20
Travis Thornton	Owen Sound	N4K6G3	2025-02-20
Maguire Hopson	Emsdale	P0a1j0	2025-02-20
Melanie Mundy	Magnetawan	P0A1P0	2025-02-20
Tanya Mundy	Huntsville	P1H	2025-02-20
Richard Misler	Mississauga	L5N	2025-02-20
Brian Cooper	Toronto	M5A	2025-02-20
Jason Aldgate	Burks falls	P0a1c0	2025-02-20
Ron Schmidt	Kearney	P0A 1M0	2025-02-20
Carolyn Rollins	Magnetawan	P0A	2025-02-20
Carey Rhiness	Toronto	P0A 1M0	2025-02-20
Sandra Weber	Kitchener	N2N	2025-02-20
Amanda Serksnas	South River	P0a1x0	2025-02-20
Angela Friesen	Sprucedale, ON	P0A1Y0	2025-02-20
Tomara MacKay	Burks Falls	P0A	2025-02-20
Michael Stickland	Fernglan	L0m1b3	2025-02-20
Shauna Leigh Taylor	Katrine	P0A 1L0	2025-02-20
Elizabeth Haining	Kearney	P0A1M0	2025-02-20
Lilly Beilke	Sprucedale	P0A 1Y0	2025-02-20
Alyssa Vokes	Barrie	L4N	2025-02-20
Anita Ferguson			2025-02-20
James Oppenheimer	Katrine	P0A 1L0	2025-02-20
Elizabeth Hewitt	Toronto	M6B	2025-02-20
Kelli Manzer	Burk's Falls	P0A	2025-02-20
Denise Simpson	Huntsville	P1H	2025-02-20
Selaiman Adel	Toronto	M1H	2025-02-20
Nancy Mackay	Burk's and	P0A1C0	2025-02-20
Kirsty Bromley	Kitchener	N2H 4E4	2025-02-20
William A	Burks Falls	P0A 1C0	2025-02-20
Konstantin Prokopiou	Mississauga	L5M	2025-02-20
Pamela Batte	Midhurst	L9X 0K1	2025-02-20
Laurie Capell	Huntsville	P1H	2025-02-20
David Montpool	Huntsville	P1H2J2	2025-02-20

Name	City	Postal Code	Signed On
Julie Gagnon	Emsdale	P0A1J0	2025-02-20
Robert Rowe	Hamilton	L8E 3V6	2025-02-20
Kayla Cowan	Brampton	L6P	2025-02-20
Cindy Bourguognon	Toronto	M6E	2025-02-20
Michelle Waller	Toronto	M5A	2025-02-20
Christine Willick	Magnetawan	P0A1P0	2025-02-20
Solomon Chinemerem			2025-02-20
Kimberly Porter	Armour Township	p0a1c0	2025-02-20
Cherry Lloyd	Toronto	M5A	2025-02-20
Alayna dePeuter	Sundridge	P0A 1Z0	2025-02-20
Paula Rego	Kearney	P0A1M0	2025-02-20
Barbara W	Toronto	M5A	2025-02-20
Kim Palmer	Burks Falls	P0A1C0	2025-02-20
Deb Howlett	Toronto	P0A 1J0	2025-02-20
Judy Bettman	Burks Falls	P0A	2025-02-20
Michelle McCallum	Toronto	M5A	2025-02-20
Stacey Pratt	Toronto	M6E	2025-02-20
Coreen Wagg	huntsville	P0B1M0	2025-02-20
Elizabeth Dobinson	Sundridge	P0A	2025-02-21
Anissa Richardson	Delta	V4M	2025-02-21
Curtis Parkes	Burks falls	P0A	2025-02-21
Lee McEachran	New York	10118	2025-02-21
Marlene Chambers	Burks Falls	P0A 1C0	2025-02-21
Aneeqa Malik			2025-02-21
David Crewe-Read	Burk's Falls	P0A 1C0	2025-02-21
Stephanie Carter-Adams	Burks Falls	P0A	2025-02-21
Sue Aubin	Toronto	M5A	2025-02-21
Michelle Pogue	Toronto	M5A	2025-02-21
Windy Dallier	Huntsville	P1H	2025-02-21
Nancy Webb	Orangeville	L9W	2025-02-21
Michelle Kayes	Brampton	L6P	2025-02-21
Karen Kunkel	Sundridge	P0A 1Z0	2025-02-21
Cheryl Todoroff	Toronto	M5A	2025-02-21
Debbie Petraccone	Rexdale	M9V	2025-02-21
sonia Wagg	Huntsville	P1H	2025-02-21
Tanya Maynard	Shedden	N0I2e0	2025-02-21
Bill Manzer	Burk's Falls	P0A 1C0	2025-02-21
Sarah Stevenson	Huntsville	P1X 1H4	2025-02-21
Saw Grace	Saskatoon	S7H	2025-02-21
Chantalle Watson	Point Edward	N7V 1N4	2025-02-21
Éloïse Jammes	Montréal	h3t 1x7	2025-02-21
Penny Dearden	Bracebridge	P0A 1J0	2025-02-21
Chantell Poppe	Toronto	M5A	2025-02-21
Adam Poppe	Toronto	M5A	2025-02-21
Rod Cameron	Bracebridge	P1I1j9	2025-02-21
Christine Hulme	Greater Sudbury	P3A	2025-02-21

Name	City	Postal Code	Signed On
Lori Turner	Emsdale	P0A1J0	2025-02-21
tammie hurst	hunstville	P1H1K9	2025-02-21
Salena Barnes	Markham	L6B	2025-02-22
Lance Armor			2025-02-22
Jon Inwood	Brooklyn	11226	2025-02-22
Alanna Morris	Toronto	M6M	2025-02-22
Tony Tessier	Burk's Falls Ontario	P0A1C0	2025-02-22
Dave Lampman	Burks falls, Ont	P0A1C0	2025-02-22
Mona Wales	Kearney	P0A	2025-02-22
CONNIE SEARLES	Sprucedale Ontario	P0A1Y0	2025-02-22
Tracey Kinsman	Hornepayne	P0M 1Z0	2025-02-22
Krissy Ralston	Burks Falls	P0A 1C0	2025-02-22
Shane MCcoy	Millbrook	L0A	2025-02-23
Shannon Cadieux	Burk's Falls	P0A	2025-02-23
shannon gobey	St. Catharines	L2M	2025-02-23
kevin haslam	Burks Falls	P0A1C0	2025-02-23
Jay Waller	Emsdale	P0a1j0	2025-02-23
Tammy Little	Huntsville	P1H 2J4	2025-02-24
Laura Heming	Huntsville	P1H 1V3	2025-02-24
Lena Wildman	Simcoe	N3Y4H7	2025-02-25
Allen Debi	Katrine	P0A 1L0	2025-02-25
Madi Hoy	Hamilton	L8P	2025-02-25
phill stickland	fort erie	l2a2v4	2025-02-25
LORI-ANNE STICKLAND	Brampton	L7A	2025-02-25
Micheal Ann Todd	North Bay	p1b 7t4	2025-02-26
Smaranda Torres-Floca	Coquitlam	V3J	2025-02-27
Josh Barkey	Toronto	M5A	2025-02-27
Brenda McCracken	Burk's Falls	P0A 1C0	2025-02-27
Susan Patton	Aurora	L4G 1Z3	2025-02-27
William Sommer	Hamilton	L8L 5M7	2025-02-27
Steve Page	Toronto	M6S	2025-02-28
Carrie Borne	Toronto	M8X	2025-02-28
Gina Price	Burk's Falls	P0A	2025-02-28
Samantha Middlebrook	Toronto	M2N	2025-02-28
Joanne Hoskins	Bracebridge	P1L	2025-02-28
Justin Maurice	Windsor	N8Y 3K3	2025-02-28
Shannon deVries	Orillia	L3V 1J9	2025-02-28
Christine Stever	Sioux Lookout	P8T 1C3	2025-03-01
Shirley Anderson	Brantford	N3S4A7	2025-03-01
Carol Myler	Blind River	P0R 1B0	2025-03-01
Alina Gervais	Brantford	N3R 4R8	2025-03-01
Jim Sporbeck	Emsdale	P0a1j0	2025-03-01
David Orr	Thunder Bay	P7C3C4	2025-03-02
Andrea Schultz	Sarnia	N7v2n1	2025-03-02
Shirley Sears	Penetanguishene	L9M 1P8	2025-03-02
Carol Redmond Burgess	Burk's Falls	P0A 1C0	2025-03-02

Name	City	Postal Code	Signed On
Margaret Mitchell	Huntsville	P1H	2025-03-02
Elizabeth Playford	Huntsville,Ontario	P1H1A6	2025-03-02
Marie Pereira-Odorizzi	Thornhill	L3T	2025-03-02
Jamie Odorizzi	Midhurst	L9X	2025-03-02
Fatima Labinowicz	Mississauga	L5M	2025-03-02
Bernadette Galego	Mississauga	L5A	2025-03-02
Angela Steengaard	Toronto	M2N	2025-03-03
Messias Oliveira	Burlington	L7M	2025-03-03
Maizy Alexander	Corbeil	P0H1K0	2025-03-03
Kelly Oliveira	Burlington	L7M	2025-03-03
A gela Burns	Stoney Creek	L8J	2025-03-03
Jackie Jeffrey	Toronto	M5A	2025-03-03
Robin Raj	Vancouver	V5Z	2025-03-03
Claudia charron Oliveira	Hamilton	L8M	2025-03-03
Laureen Wilson	Caledonia	N3W2k9	2025-03-03
Ben Duff-Kuni	Katrine	P0A1L0	2025-03-03
Jasmine Tromp	Victoria	V8T1N8	2025-03-03
Dianne McIntyre	Burk's Falls	P0A 1C0	2025-03-03
Dane Renneberg	Burks Falls	P0A1C0	2025-03-03
Aaron Beelze	Québec	G0A 1H0	2025-03-03
Lelly T	Toronto	M5J	2025-03-03
Michael Cheng	Stouffville	L4a0g6	2025-03-03
Patti Paul	Sundridge	P0A1Z0	2025-03-03
Todd Austin	Toronto	M5A	2025-03-03
Ankush Nagra	Toronto	H2G	2025-03-03
Kimberley Cousins	Burks Falls	P0A 1C0	2025-03-03
Lestat Odorizzi	Angus	L0m1b0	2025-03-03
Kristanna Oldaker	Nanaimo	V9R	2025-03-03
Richelle Bowes	Beeton	L0G 1A0	2025-03-03
Daniel Cortez	Burlington	L7N	2025-03-03
sean mcfadyen	Parry Sound	P0A 1Y0	2025-03-03
Kaitlyn Brisebois	Nepean	K2B	2025-03-03
Jennifer Kennedy	BURK'S FALLS	P0A 1C0	2025-03-03
Martin Oliveira	Oakville	L6M	2025-03-04
Nicole Meloche	Victoria	L9T	2025-03-04
Lindsay Blackburn	Guelph	N1E	2025-03-04
Tammy Sinclair	South River	P0A	2025-03-04
Geoff Long	Burks Falls	P0A 1C0	2025-03-04
Sharon Passmore	Stoney Creek	L8G 3w1	2025-03-04
Pauline Peever	Huntsville	P1H 2N5	2025-03-04
Dylan Mckenna	Barrie	L4M	2025-03-04
Sandra Pereira	Lisbon	1100-001	2025-03-04
alexander nieri	mississauga	l5g4n6	2025-03-04
Angie Evans	Toronto	M5J	2025-03-04
Phúc Hậu Đình Võ	Cold Lake	T9M	2025-03-05
Anne-Marie Hood	Burk's Falls	P0A	2025-03-05

Name	City	Postal Code	Signed On
Sandra & Ray Whittaker	Barrie	L4N	2025-03-06
Dave Alexander	Toronto	M5A	2025-03-06
Jim Price	Toronto	M5A	2025-03-06
Tina Ireland-burke	South River	P0A1X0	2025-03-06
Paula Rule	Toronto	M5A	2025-03-06
Louise Fry	Barrie	L4M	2025-03-06
Peggy Frederikse	Burks Falls, On	P0A 1C0	2025-03-07
Ryan McFarland	Burks Falls	P0A	2025-03-07
Tracey Delfino	Burk's Falls, Ontario	P0A1C0	2025-03-07
Lee Cross	Trout Creek	P0H 2L0	2025-03-07
Chris Guthrie	Toronto	M6N	2025-03-07
Vicki Wilson	Whitestone	P0A 1G0	2025-03-07
Aaron Lasby	Toronto	M5A	2025-03-07
MaryLee Daniels	Armour	M5A	2025-03-07
Kristin Sparks	Burks Falls	P0A1C0	2025-03-07
Terry Hewitt	Huntsville	P1H	2025-03-07
Angela Miller	Burks Falls	P0A1C0	2025-03-07
Darcie Lazenby		P0A 1C0	2025-03-07
Tessa Sparks	Omeme	K0L	2025-03-07
Nila Rains	Toronto	M6E	2025-03-07
Kinsley Briere	Toronto	M5A	2025-03-07
Nicole Griffiths	Katrine	P0A 1L0	2025-03-07
Kristen Corcoran	Burks Falls	P0A1C0	2025-03-07
Corey Ransom	Burks falls on	P0a1c0	2025-03-07
Brittany Morris	Alliston	L9R	2025-03-07
Katherine Kelsall	Burk's Falls	P0A1C0	2025-03-07
jamie borne	Katrine	P0A 1L0	2025-03-07
Charles KANTUNGEKO	Kindersley	S0L 1S0	2025-03-07
Cherie Appleyard	Sprucedale, Ontario	P0A1Y0	2025-03-07
Wendy Griffiths	Burks Falls Armour Town	P0A 1C0	2025-03-07
Phyllis Deborah Todd	Toronto	M5A	2025-03-07
Nickie Rivest	Kearney	P0A	2025-03-07
Steven Napper	Barrie	L4M	2025-03-07
Lori Beck	Burks Falls	P0A1C0	2025-03-07
Sarah Brushette	Burks fallls	P0A1C0	2025-03-07
Darlene Middlebrook	Toronto	M5A	2025-03-07
Kellie Leeder	Emsdale	P0A1J0	2025-03-07
Blair Goyea	Burks Falls	P0A 1C0	2025-03-07
Robert Couckuyt	Burks falls	P0a1c0	2025-03-07
Courtney Maryjane	Parry Sound	P2A	2025-03-07
Jakob Knight	Burks falls	P0A1C0	2025-03-07
Marilyn MarilynFaso	Toronto	M5V	2025-03-07
DUSTY MIDDLEBROOK	Toronto	M5J	2025-03-07
Terrence St.Pierre	Burks falls	P0a 1c0	2025-03-07
Marion DeMerchant	Burks Falls	P0A1C0	2025-03-07
Nicole Landry	Huntsville	P1H	2025-03-07

Name	City	Postal Code	Signed On
Maleah Willgren	Huntsville	P1H	2025-03-07
Lori Papa	Sprucedale	M6R	2025-03-07
Michelle Scott	Burks falls	P0A1C0	2025-03-07
RL Jancik	Burks Falls	P0A1C0	2025-03-07
Tanya Sprathoff	Huntsville	P1H	2025-03-07
Terri Leclair	Toronto	M5A	2025-03-07
Sherry Homer	Burk's Falls	P0A 1C0	2025-03-07
Sarah Marshall	Burks Falls	P0A	2025-03-07
Chris Sytsma	Burks falls	P0a1c0	2025-03-07
Rebecca Ingram	Sundridge	P0A	2025-03-07
Brenda Mitchell	Sarnia	N7V	2025-03-07
Trish Buck	Sundridge	P0A	2025-03-07
Reid Nairn	Armour Township	P0a 1c0	2025-03-07
Jackie Currah	Huntsville	P1H	2025-03-07
William Murison	Burks Falls	P0A 1C0	2025-03-08
Kelly Henderson	Burks Falls	P0A 1C0	2025-03-08
John Michael Henderson	Burks Falls	P0A1C0	2025-03-08
Debbie Butson	South River	P0A1X0	2025-03-08
thomas percival	South River, Ont.	P0A 1X0	2025-03-08
Jake Ferrante	Caledon	L7C	2025-03-08
Brian Horner	Dorset	P0A	2025-03-08
Sherry McLennan	Burks Falls	POA1CO	2025-03-08
Ardena McKelvey	Bracebridge	P1L	2025-03-08
Lee-Ann Griffiths	North Bay	P1B	2025-03-08
Laura Munn	Cambridge	N3C	2025-03-09
Jennifer Beers	North Bay	P1B	2025-03-09
Karen Moore	Toronto	M5A	2025-03-09
Nancy Shaw	Huntsville	P1H	2025-03-09
Brian Todd	Clarksburg	N0H	2025-03-09
Amritpal Grewal	Toronto	M4Y	2025-03-09
Raymond Owusu-Achiaw	Etobicoke	M9W	2025-03-09
Chris Jacobson	Burks Falls	P0A 1C0	2025-03-09
debby Litster	Brampton	L6R	2025-03-10
Symone Cote	Saskatoon	S7W	2025-03-10
Jas Heer	Brampton	L6T	2025-03-10
Marta Redmond	Guelph	N1E	2025-03-10
Sheree Morris	Toronto	M1W 2G8	2025-03-10
Tina Foad	Brantford	N3R	2025-03-10
Alpa Parmar	Etobicoke	M9W	2025-03-10
Hollie Waddingham	Fredericton	E3GOS3	2025-03-10
April Richens	Sprucedale	P0A 1Y0	2025-03-11
Diane Snow	Guelph	N1H 3Y9	2025-03-11
Russell Duke	Burks Falls	P0A	2025-03-12
kirby harris	watsonville	95076	2025-03-12
Jody White	Utterson	P0B1M0	2025-03-13
Sammi Sankey	Owen Sound	N4K	2025-03-14

Name	City	Postal Code	Signed On
Ron McAllister	Sundridge	P0A	2025-03-14
Rosalie De Los dantos	Calgary	T1Y	2025-03-14
Martin Mulonda	Ottawa	K2P	2025-03-14
Jack Wilson	Kearney	P0A1M0	2025-03-14
Gavy Pannu	Etobicoke	M9R	2025-03-14
Alvis Oliveira	Georgetown	L7G	2025-03-14
Peter McCrory	Fredericton	E3A 2J5	2025-03-14
Carson Loveless	Bay de verde	A0a1e0	2025-03-14
Leona Richardson	Sundridge	P0A 1Z0	2025-03-14
Logan Beatty	Burks Falls	P0A1C0	2025-03-14
Jasmyne Beatty	Burks Falls	P0A1C0	2025-03-14
Angie M	Bracebridge	P1L	2025-03-14
Taylor Avery	Guelph	N1L	2025-03-14
Madison Menard	Huntsville	P1H	2025-03-15
Kellyann Atkinson	Toronto	M3H	2025-03-15
LAWRENCE MURRAY	Huntsville	P1H	2025-03-16
Naomi Siegel	RR3 Tottenham	LOG 1W0	2025-03-16
Kendra Page	Novar	P0a	2025-03-17
LJ Bowdler	Greater Sudbury	P3C	2025-03-17
Annaka Dallaire	South River	P0A1X0	2025-03-17
April Rizzardo	Innisfil	L9S 3Y8	2025-03-17
Tom Rheubottom	Keswick	L4P	2025-03-17
Kim Weller	Burks falls	M5V	2025-03-17
Robbin Mablesen	Toronto	M4W	2025-03-17
Kathy Wright	Nepean	K2J	2025-03-17
Karen Clark	Kitchener	N2M	2025-03-17
Amanda Mashinter	Butk's Falls	P0A1C0	2025-03-18
Tracey Mashinter	Barrie	L4M	2025-03-18
Don Mashinter	Barrie	L4M	2025-03-18
Melissa Mayer	Kitchener	N2M	2025-03-18
Linda Woodrow	Kearney Ont	POA1MO	2025-03-18
Mary E Newhouse	Magnetawan	P0A1P0	2025-03-18
Lori Bennett	Woodstock	N4S	2025-03-18
Alyssa Johnson	North Bay	P1B	2025-03-19
Cal Beatty	Huntsville	P1H	2025-03-19
Chelsea Mccombs	Wasaga Beach	L9Z	2025-03-19
Jasmin Cooke	Oshawa	L1K	2025-03-21
Justine Weiler	Burks Falls	P0A1J0	2025-03-21
Aileen Ethier	St. Catharines	L2R 6A8	2025-03-21
Cheryl Miller	Ingleside	K0C 1M0	2025-03-21
Robert Krause	Sundridge	p0a1z0	2025-03-21
Daryl Organ	Lively	P3Y 1N3	2025-03-21
c n	Bracebridge	P1L	2025-03-22
Lloyd Gerafil	Toronto	m1k	2025-03-22
Linda Mathers	Port Carling	P0B1J0	2025-03-22
Ina Berzins	Port Sydney	P0B 1L0	2025-03-22

Name	City	Postal Code	Signed On
MARY SUTTON	Dorset	P0A1E0	2025-03-22
Annette Schumacher	Dorset	P0A1E0	2025-03-22
Harold Sutton	Toronto	M5A	2025-03-22
Scott Finch	London	N6N 1G2	2025-03-22
Dmitri Milinkovich	Tweed	K0K3J0	2025-03-22
azra aksu azra aksu	Toronto	M5A	2025-03-23
Scott Chrest	St. Catharines	L2M	2025-03-24
Dalia Gebran	Toronto	M4Y	2025-03-25
Joseph Kevin Landry			2025-03-26
DARLENE MCGREGOR	Whitefish River First Nat	P0I 1a0	2025-03-26
Teresa Hoffman	La Mesa	91942	2025-03-26
Edward gibb	Hamilton	L8K	2025-03-26
Kerry Pyper	Edmonton	T5T	2025-03-27
Josh Moulton	Toronto	M5A	2025-03-28
Devon Sparling	Toronto	M5A	2025-03-28
Brad Newberry	Huntsville	P1h2n5	2025-03-28
Sam Sanchez	Niagara Falls	L2E	2025-03-28
Alexander Wright	Caledon	K0K 2T0	2025-03-28
Emma Wiechula	Kearney	P0A1M0	2025-03-28
Heather Docherty	Emsdale	Poa 1jo	2025-03-28
John Cullen	Sundridge	P0A	2025-03-28
Jerry Watson	Emsdale	P0A1J0	2025-03-28
Robert Ramsay	Port Hope	L1A 4A4	2025-03-28
Kathie & Robert Welch	St Catharines	L2W 1B4	2025-03-28
Mark Harrison	Sarnia	N7S	2025-03-28
Brian Gilker	Saint Catharines	L2P3W2	2025-03-28
Patricia De Lorenzi	Windsor	N9E 4L6	2025-03-28
Ian Andersen	Bracebridge	P1L	2025-03-28
Justin Lasby	Sprucedale	P0A	2025-03-28
Nicholas Villeneuve	Peterborough	K9J	2025-03-28
carol koch	Welland	L3C 4k8	2025-03-29
Anne Lasby	Georgetown	L7G	2025-03-29
brenda richens	south river	p0a 1x0	2025-03-29
Janine Plante	Belle River	N0R 1A0	2025-03-29
michael g	Welland	L3C1W3	2025-03-29
Wendy Faragalli	Burks Falls	P0A1C0	2025-03-29
JOHN DAVID BEAULIEU	Barry's Bay	K0J	2025-03-29
Wray Wainwright	Emsdale	p0a1j0	2025-03-29
Fred Harris	Burk's Falls	P0A 1C0	2025-03-29
Greg Willson	Niagara Falls, Ontario	L2G 5R3	2025-03-31
Christine Tutunjian	Toronto	M5A	2025-04-01
Susan Ellis	Enniskillen	L0B1J0	2025-04-01
Jason Scott	Kingston	k7k1w6	2025-04-01
lauralee harris	hamilton	h3k 3j2	2025-04-01
Jayne Ramsay	Ryerson	P0A 1C0	2025-04-03
Melanie Berube	Mont-Saint-Hilaire	J3H 4C6	2025-04-04

Name	City	Postal Code	Signed On
Scott E Bennett	Ottawa	K1S0M4	2025-04-05
Dave Preston	Huntsville	P1H	2025-04-05
Cora-Lee Massia	Ottawa	K1G 2V4	2025-04-05
Vicky Heckendorn	Toronto	M5A	2025-04-06
linda orr	Kincardine	N2Z	2025-04-07
Karen O'Brien	Katrine	P0A 1L0	2025-04-08
Justin O'Brien	Katrine	P0A 1L0	2025-04-08
Faye Adams	Huntsville	P1H	2025-04-08
Adam Slade	London	N6J	2025-04-08
Wendy McRae	Huntsville	P1H	2025-04-11
Helen Barker	Dwight, Ont	P0A1H0	2025-04-11
Kathy Cochrane	Welland	L3C0B9	2025-04-13
Dustin Griffiths	Katrine	P0A 1L0	2025-04-13
Nicole Griffiths	Burks Falls	P0A1C0	2025-04-13
Brittney Hansen	Burksfalls	P0A1C0	2025-04-16
Wendy McRae	Huntsville	P1H1A5	2025-04-18
Terry Guerard	Ottawa	K2B 7S9	2025-04-18
Odelle Agustin	Scarborough	M1M 0B1	2025-04-18
Peter Dumas	Ottawa	K1K4T7	2025-04-18
Yana Jovanovic	Ottawa	K2J0R8	2025-04-19
Breah Sauve	Brant	N3L 3R3	2025-04-21
Jessica Murray	Ottawa	K2B 5L5	2025-04-21
Jean-Sebastien Chamberland	Ottawa	K2H 8S3	2025-04-25
Tadjana Meyer	McMurrich/Monteith	P0A 1Y0	2025-04-25
Al Uhryniw	Ottawa	K2J 1L7	2025-04-25
Pete Hamel	Gatineau	j8p 7c2	2025-04-25
Wendy Hueston	Ottawa	K1v1p9	2025-04-25
Norma Grant	Ottawa	K2C 2Z4	2025-04-25
Jessica M	Sprucedale	P0A1Y0	2025-04-25
Diane Léveillé	Ottawa	K1C	2025-04-25
emmanuel lalonde	Gatineau	j8p 4e5	2025-04-25
Daniel Pellerin	Ottawa	K1S 5G5	2025-04-26
TREVOR D BUTT	Ennismore	K0L 1T0	2025-04-26
Scott Klatt	Ottawa	K0A2E0	2025-04-26
Twyla Chantalle	Peterborough	K9H 7B9	2025-04-26
laura cocca	Montreal	H2N 1E4	2025-04-27
Sherri Hartlin	Ottawa	K1A	2025-04-27
Isabelle Leduc	Dunvegan	K0B	2025-04-28
Graham Hubert	Burks falls	P0A 1C0	2025-04-29
Shauna Gillen	North Bay	P1A	2025-04-29
Shawn Gillen	North Bay	P1B	2025-04-29
brandon bergeron	ottawa	k4b 1h9	2025-05-02
Jacques Dupuis	Ottawa	k1n7x1	2025-05-02
Edna Guzman	Gatineau	j8y 5k9	2025-05-03
Doug Perrault	Ottawa	K2G 2K8	2025-05-03
Louise Legault	Sainte-Julienne	J0K 2T0	2025-05-04

Name	City	Postal Code	Signed On
Rémi Léveillé	Gatineau	J8P 1H1	2025-05-09
Ethan Ohayon	Montreal	H3W	2025-05-11
Yogalingam Srianandarajah	Mississauga	L5B3Z2	2025-05-16
Barb Boire	Ottawa	K1Y	2025-05-16
jack kummer	Bracebridge	P1L	2025-05-16
Andrew Thompson	Toronto	M4E 1E6	2025-05-17
Rosemin Shah	Whitby	L1N 0L1	2025-05-18
Julie Leggett	Utterson	P0B	2025-05-23
Hugh Allore	Haliburton	K0M	2025-05-24
Elizabeth Noll	Aurora	L4G	2025-05-24
ERIC MILBURN	Bracebridge	P1L	2025-05-31
Dan Levesque	Dowling	P0M	2025-05-31
Tim Podwinski	Emsdale	p0a1j0	2025-06-04
Fran Coleman	Huntsville	P1h1t9	2025-06-06
Lisa Daniell	Innisfil	L9S 2J7	2025-06-10
Evelyn Archibald	Bracebridge	P1L	2025-06-13
Vince Kacaba	Scarborough	M1M	2025-06-25
Karen Kacaba	Bowmanville	L1C 4P4	2025-06-25
Laura Smith	Kearney	P0A	2025-08-07
Marissa McKean	Burks Falls	P0A1C0	2025-09-04
Kyle McKean	Port Sydney	P0B1L0	2025-09-04
TOTAL: 527 SIGNATURES			

Charlene Watt (Deputy Clerk)

From: Tish Conlin
Sent: November 12, 2025 11:35 AM
To: Charlene Watt (Deputy Clerk)
Subject: No to Lithium-Legal liability and risk of harm

Importance: High

Hello,

I am a local cottage resident and very concerned about the reckless move to store toxic lithium in our community. Not only is lithium one of the most toxic substances in the world, but it can easily leak into soil and contaminate our surrounding lakes and land.

There is significant legal liability for Council and the Township which is not worth the risk.

If you require additional information on the toxicity of lithium and the importance of saying NO to storage of this extremely toxic substance, I would be happy to send it to you. The evidence of harm is significant.

The risk is too great to proceed and the community will be extremely upset if their safety and health is disregarded for this reckless venture.

Sincerely,

Tish Conlin

Tish Conlin, HBA, RHN
Holistic Consultant, Speaker, Author and Leadership Trainer

www.tishconlin.com

November 10, 2025

RECEIVED

NOV 13 2025

TOWNSHIP OF ARMOUR



Independent Electricity System Operator

1600-120 Adelaide Street West

Toronto, ON M5H 1T1

t 416.967.7474

www.ieso.ca

Dear Mayor Ward,

Re: Township of Armour – Council Considerations for 903 BESS (Armour BESS)

The Independent Electricity System Operator (IESO) appreciates the opportunity to provide written comments for 903 Battery Energy Storage System (Armour BESS) to be located at 219 Peggs Mountain Rd. We recognize the importance of collaborative efforts between stakeholders, communities and the IESO to advance Ontario's energy infrastructure development while meeting municipal planning goals. Please accept this letter and supporting documentation in Appendix A as a fact-based view of the province's growing need for electricity and the important role that securing new electricity infrastructure plays in ensuring Ontario continues to have a reliable, affordable and sustainable electricity system today and for future generations. We also invite you to share this letter with colleagues and members of your Committee and Council to help inform discussions regarding Armour BESS.

The IESO works at the heart of Ontario's electricity system. We maintain reliability by overseeing the operation of the grid in real time — 24 hours a day, 7 days a week. We also conduct ongoing planning and resource procurement processes to ensure Ontario's electricity system has the infrastructure in place to meet our needs well into the future.

The growth of Ontario's electricity system is accelerating at an unprecedented pace. The IESO's 2025 Demand Forecast shows annual electricity demand growing up to 75 per cent by 2050 due to economic growth, electrification, and evolving technologies. This includes the [South Georgian Bay/Muskoka Region](#), which encompasses the Township of Armour, where electricity planning is expected to begin later this year in response to anticipated demand growth.

To ensure reliable and affordable electricity is available where and when it is needed, the IESO is moving forward with ambitious plans to secure a significant amount of new supply and transmission infrastructure, as well as expand energy efficiency programs.

As part of these efforts, the IESO has implemented a competitive strategy to procure electricity resources, which includes the first Expedited Long-Term Request for Proposal (ELT1 RFP), to procure new supply. The ELT1 RFP successfully acquired 880 MW of battery storage, including the Armour BESS project, which is scheduled to be in service before 2027.

The Armour BESS project was one of 15 battery projects selected through this process. In being selected, this project has demonstrated that it met the technical criteria prescribed in the procurement, received municipal support from the local municipality, and would cost-effectively contribute to the reliability of Ontario's electricity system. The timely development of this

project and the others selected under the ELT1 RFP will be key to affordably meeting growing electricity needs for the remainder of this decade and beyond; it is also crucial for the optimization of renewable energy sources like wind and solar.

The IESO is committed to continuing its engagement with the Township of Armour as work progresses, and we welcome your feedback and involvement in these important matters. To support your consideration of the project, we have provided links to a number of resources in Appendix A, and if you would like further information, please email our Regional and Community Engagement team at communityengagement@ieso.ca.

Sincerely,

A handwritten signature in dark ink, appearing to read 'C. Nell', is positioned below the word 'Sincerely,'.

Carla Y. Nell

Executive Vice-President, Corporate Relations, Engagement and Strategy, IESO

Appendix A

To facilitate future discussion relevant to this topic, the IESO is sharing the following resources to further assist:

- A [recording](#) of an engagement session on the latest provincial demand forecast for the 2025 Annual Planning Outlook. The outlook accounts for the latest anticipated demand drivers, including data centre proposals and electrification projects across the province.
- A dedicated [community engagement webpage](#) for the long-term procurements which hosts a series of webinar recordings hosted by the IESO and a joint session with ministries to provide information to aid municipal decision-making.
- A [video](#) and a [webpage](#) explaining the benefits of energy storage for communities; which include supporting the integration of renewable resources, spurring economic development and providing back-up power during emergencies.

Several government agencies and authorities determine environmental assessment processes and standards for the safe maintenance and operation of electrical equipment. Proponents are required to obtain and comply with all existing permits and processes. Additional resources include:

- Ontario Ministry of the Environment, Conservation and Parks (MECP) [Location/Site Considerations Checklist for Renewable Energy Projects](#).
- MECP's [Technical Guide to Renewable Energy Approvals](#) which provides information on land use planning, siting considerations and decommissioning.
- The Ontario Association of Fire Chiefs, the Canadian Renewable Energy Association and Energy Storage Canada released the [Solar Electricity and Battery Storage Systems Safety Handbook for Firefighters](#).
- Energy Storage Canada and Energy Safety Response Group released [Common Questions & Myths About BESS Safety](#).

Charlene Watt (Deputy Clerk)

From: 1
Sent: November 13, 2025 10:00 AM
To: Charlene Watt
Subject: application to permit lithium storage in the township

Mr. Watt: Be advised by this communication that I would like to address council at the community meeting on November 18, 2025 at the Katrine Community Center.

Rate Payer. Jim Shaw

Armour Township



1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page #



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page # 2

Full Name	Mailing Address	Signature
Darlene Middlebrook		Darlene Middlebrook
Jean Rossi		Jean Rossi
Lee Swayze		Lee Swayze
Dawn Swayze		Dawn Swayze
TOM MORONEY		TOM MORONEY
Jennifer VanderDuelen		Jennifer VanderDuelen
Ross BREGON		Ross BREGON
JAM SANBASTEN		JAM SANBASTEN
Nicole Hamilton		Nicole Hamilton
Davin Christen		Davin Christen
JAY GILZAK		JAY GILZAK
Karen Grant		Karen Grant
Bob Buck		Bob Buck
Buck Marshall		Buck Marshall
Mike Bennett		Mike Bennett
Teddy		Teddy

A

A

A

A

A

A

A

Armour
7/9



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 3

Full Name	Mailing Address	Signature
Dave Mills		D. Mills
Heather Elsie		Heather Elsie
CRISTINA BOYD		Cristina Boyd
Leo Stankovic		Leo Stankovic
Thomas Stankovic		Thomas Stankovic
Leslie Luther		Leslie Luther
E. CAMPESE		E. Campese
D. KETTERBORN		D. Ketterborn
Janice Oppenheimer		Janice Oppenheimer
Melanie Turnbull		Melanie Turnbull
McKenzie Romance		McKenzie Romance
Alyssa Martin		Alyssa Martin
Amber Marshall		Amber Marshall
James Coughlin		James Coughlin
John Tilly		John Tilly
Camille Storch		Camille Storch

Have a great day!



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 4

Full Name	Mailing Address	Signature
Kyra Romance		<i>[Signature]</i>
Graeme Henry		<i>[Signature]</i>
Lori Beck		<i>[Signature]</i>
Inda Edgar		<i>[Signature]</i>
Natalie Gruening		<i>[Signature]</i>
MARY LOUISE PARKS		<i>[Signature]</i>
ROBERT FOOTE		<i>[Signature]</i>
JUDY NICKERSON		<i>[Signature]</i>
Tracey Mashiter		<i>[Signature]</i>
Joey Burkwell		<i>[Signature]</i>
ARNIE LUSINS		<i>[Signature]</i>
<i>[Signature]</i>		<i>[Signature]</i>
William Galey		<i>[Signature]</i>
Wesley Staner		<i>[Signature]</i>
Laura Fraser		<i>[Signature]</i>
Cora Mills		<i>[Signature]</i>

A
A
A
A
A

A 10
16 412



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.



Full Name	Mailing Address	Signature
SHERYL GRAY		S Gray
Rita Saultborn		Rita Saultborn
LEN ALLEN		LEN
Alicia Allen		Alicia Allen
Jim BOYES		Jim Boyes
JEREMY MERCER		Jeremy Mercer
Ahan Jolly		Ahan Jolly
Elaine Hatcher		Elaine Hatcher
Margie Stueb		Margie Stueb
Chris Brunoth	Burles Falls	Chris Brunoth
Doug Brown	KATRINE	Doug Brown
Murray	Personson	Murray
Jayne Ramsay		Jayne Ramsay
MURALEE HARRIS		Muralee Harris
FRED HARRIS		Fred Harris
Jennifer Rupert		J Rupert





SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page ~~11~~ 6

Full Name	Mailing Address	Signature
Ana Cultraro		Ana Cultraro
Dino Cultraro		Dino Cultraro
Emily Pubalski		Emily Pub
Sarah Stevenson		Stevenson
ROBERT STARN	BURKS FALLS	R. Starn
LLOYD DIVER	BURKS FALLS	Lloyd Diver
Joe Labonte	Burks Falls ON	Joe Labonte
BOB NEWELL		Bob Newell
Shari Anderson		Anderson
Norma Adams		Norma Adams
JOHN ADAMS		John Adams
Lucy Borne		Lucy Borne
Nancy Anderson-Parker		Nancy Anderson-Parker
Gene Bailey		Gene Bailey
LORI BOWERMAN		Lori Bowerman
BRIAN BOWERMAN		Brian Bowerman

A	0
0	16



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Armour
Page 7

Full Name	Mailing Address	Signature	
Alice Hewitt		Alice Hewitt	A
DAVID SCHMEER		D. Schmeer	A
JEAN SCHMEER		J. Schmeer	A
EUGENE KRUBENIUK		E. Krubenik	A
Lily Phinney		Lily Phinney	A
Laurie Woods		LAWRENCE JODD	A
Ted Murrell		Ted Murrell	
EMILY MCKENNA		Emily McKenna	
LEN ALLEN		Len Allen	A
ALICIA ALLEN		Alicia Allen	A
Dan Allen		Dan Allen	A
Chris Whittle		Chris Whittle	A
Frank Howorth		Frank Howorth	A
Sherri Clark		Sherri Clark	A
Russell Clark		Russell Clark	A

13/3



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. ~~EMAIL~~ clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 8

Full Name	Mailing Address	Signature
Monica Moriarty		Monica Moriarty
Melissa Lafreniere		Melissa Lafreniere
Red Lafreniere		
MILES REIT		Miles Reit
MONX		Monx
Downa Reid		Downa Reid
Samantha MacLeod		Samantha MacLeod
Betty Johnston		Betty Johnston
Mark Bonner		Mark Bonner
Tyler Walker		Tyler Walker
LORRAINE BURTON		Lorraine Burton
ROMAN JACZYNSKI		Roman Jaczynski
MARTIN PADY		Martin Pady
Noah Sheldrick		Noah Sheldrick
Tan Rumbottom		Tan Rumbottom
Teri Dominic Morano		Teri Morano

A

A

other
A 10/24
ms

Page 16

Say 'NO' to Lithium Battery Storage in Armour Township



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 9

Full Name	Mailing Address	Signature
Korei Burman		
JENN TALBOT		
Lynn Humenick		
Nicole Rowder		
Nella Smith		
Patricia Bowles		
SHERRY HOMER		
Timothy Burpee		
Angela Underhill		
Robert Cudahy		
Gryphon Kinney		
William F ASHBOE		
Ray		
Peggy Foytiste		
Ed L		
John		

A
A
A
A
Arm



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 10

Full Name	Mailing Address	Signature	
Dave Dunham		<i>[Signature]</i>	A
Lara Thal		<i>[Signature]</i>	
Karen Groves		<i>[Signature]</i>	A
Paul Smith		<i>[Signature]</i>	A
Paul Bern		<i>[Signature]</i>	
Mike Whilmell		<i>[Signature]</i>	
Tiffany Rapp		<i>[Signature]</i>	
St. Robert		<i>[Signature]</i>	A
Barb Phemney		<i>[Signature]</i>	A
Rob Miller		<i>[Signature]</i>	A
Mike Schanderson		<i>[Signature]</i>	
Kevin Anderson		<i>[Signature]</i>	A
Jennifer Anderson		<i>[Signature]</i>	A
Jordan Anderson		<i>[Signature]</i>	A
Krystal		<i>[Signature]</i>	A

A
 10
 5



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 11

Full Name	Mailing Address	Signature
Paul Cusumano		
Bruce Baker		
Barbara Shelley		
Jabatha Fuller		
Luisa CAPPELLO	" " "	
Sharon Haslam		
William Haslam		
CAROL McINTYRE		
DAVE McINTYRE		
CONNOR McINTYRE		
Sean Schamhorn		
TEO GRIFFITHS	...inell RD	
DEBRA JONES		
BRUCE ATKLEN	"	
Jillian Pewer		
Brian Pewer		

A O
C 16

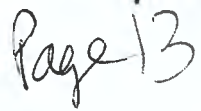


AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 12

Full Name	Mailing Address	Signature
APRIL RICHENS		April Richens
Jay McLaughley		Jay McLaughley
Cherie Appleyard		Cherie Appleyard
Francine Gromp		Sp. Francine Gromp
Judith Hooten		Judith Hooten
Ashlee Evans		Ashlee Evans
Abigail Beilke		Abigail Beilke
Janet Day		Janet Day
Susan Nidder		Susan Nidder
Dylan Garland		Dylan Garland
Eden Volt-Hart		Eden Volt-Hart
Cloe Bailey		Cloe Bailey
Eric Lopez		Eric Lopez
Snoffall		Snoffall
INfall		INfall
Patricia Sheahan		Patricia Sheahan



1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

A
A
A
A
A
A
A
A
A
A
A
A
A



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 14

Full Name	Mailing Address	Signature	
Stefan Gerstweiler			A
Allen Mason		Allen Mason	
Ken McStye		Ken McStye	A
Deanne McStye			A
K. Smit		K. Smit	A
Christian Oliveira			A
Gloria Nielsen			
ASHU POTMAAN			A
Caitlin Shan	Lawrence Rd.		
Shalane Basque		Shalane Basque	A
GLEN GERSTWEILER			A
Cameron Klassen	Lawrence Rd.		A
Cindy Aldgate			A
Sam Daituby		Sam Daituby	A
Emma Johnson	Lawrence Rd.	Emma Johnson	A
Christian Skjott			A



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 15

Full Name	Mailing Address	Signature
ANGELA FRIESEN	CHATELAIN	Angela Friesen
DARRYL FRIESEN	CHATELAIN	Darryl Friesen
Michelle Kerby	CHATELAIN	Michelle Kerby
Judith Archibald	CHATELAIN	Judith Archibald
Janis Hunter	CHATELAIN	Janis Hunter
RON SHILSON	CHATELAIN	Ron Shilson
Bill Manzer	CHATELAIN	Bill Manzer
KELLY MANZER	CHATELAIN	Kelly Manzer
Stephanie Parkes	CHATELAIN	Stephanie Parkes
TELESA JONES	CHATELAIN	Telesa Jones
CAROLYN DAVIS-CULP	CHATELAIN	Carolyn Davis-Culp
LES CULP	CHATELAIN	Les Culp
BEV NORRENA	CHATELAIN	Bev Norrena
KWIKWAY BURKE FALLS (RUSH)	CHATELAIN	Rush
Sandra Robertson	CHATELAIN	Sandra Robertson
Janice Cochran	CHATELAIN	Janice Cochran

16/0/16



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 16

Full Name	Mailing Address	Signature
Mark Heckendorn	6. - - - - -	Mark Heckendorn
Nancy MacKay	5. - - - - -	Nancy MacKay
Travis Sten	1. - - - - -	Travis Sten
CHERYL TOMPKINS	2. - - - - -	Cheryl Tompkins
TOMPER MACKAY	3. - - - - -	Tomper Mackay
Joseph Durette	4. - - - - -	Joseph Durette
SAM VAUGHAN	5. - - - - -	Sam Vaughan
ASAD ALLOTT	6. - - - - -	Asad Allott
MIKE D'ORAZIO	7. - - - - -	Mike D'Orazio
Helen D'ORAZIO	8. - - - - -	Helen D'Orazio
Jim SHEDDEN	9. - - - - -	Jim Shedden
M. Taylor-Ridgway	10. - - - - -	M. Taylor-Ridgway
John HUGHES	11. - - - - -	John Hughes
Paul Griffin	12. - - - - -	Paul Griffin
Ryley Mahon	13. - - - - -	Ryley Mahon

A

Page 16 of 15



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 17

Full Name	Mailing Address	Signature
Ken Hubert	106	Ken Hubert
Chris Clark	35	Chris Clark
Maria Topa		MARIA TOPA
Chas Wrykutowicz		Chas Wrykutowicz
Vincent Kacaba		Vincent Kacaba
Tina Moore		Tina Moore
Ben Dunker		Ben Dunker
Alysa Martin		Alysa Martin
OREG RAMSEYER		OREG RAMSEYER
LAURACEE HARRIS		LAURACEE HARRIS
FRED HARRIS		FRED HARRIS
M. Moriarty		M. Moriarty
B. Wise		B. Wise
ANGELA FRIESEN		ANGELA FRIESEN
Janne Stensson	Rd.	Janne Stensson



- Page 18

A
A
A
A
A
A
A



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 19

Full Name	Mailing Address	Signature
Tim TAYLOR		Tim Taylor
Kristin Sparks		K Sparks
MADONNA HALL		Madonna Hall
ALBERT WEBER		Albert Weber
LICK MISLER		Lick Misler
Tim Kessman		Tim Kessman
Pat Zumbach		P. Z.
Gillian Basque		G. Basque
J. TRACY		Burke Jacobs
Marie Stut		Marie Stut
Wayne Stut		Wayne Stut
MIKE GIGNET		Mike Gignet
Kristine King		Kristine King
Fiona Robinson		Fiona Robinson
Arthur Robinson		Arthur Robinson
Karon Kreller		Karon Kreller

A
A
A

Page 16 13113



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 20

Full Name	Mailing Address	Signature	
Dave Alexander		Dave Alexander	A
Angela Hayes		Angela Hayes	A
Patrick Kingston		Patrick Kingston	A
Andrea Paterson		Andrea Paterson	A
Joe Perena		Joe Perena	A
Kelly Oliveira		Kelly Oliveira	A
Messias Oliveira		Messias Oliveira	A
DAVID WAT		DAVID WAT	A
Tara Schrock		Tara Schrock	A
Jeremy Brooker		Jeremy Brooker	A
oh Charl		oh Charl	A
Shayla Chambers		Shayla Chambers	A
Camilla Skerch-Brewer		Camilla Skerch-Brewer	A
Robert Baron		Robert Baron	A
MATT GALL		MATT GALL	A
Blake Richmond		Blake Richmond	A

151



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 21

Full Name	Mailing Address	Signature
Pat Hope		P. M. Hope
Chris Hope		
Jillian Cormell		J. Cormell
Jason Vautour		
Andrew Nuttall		Andrew Nuttall
Rinda Crave-Read		Rinda Crave-Read
Randy Crave-Read		Randy Crave-Read
Jeff Webb		Jeff Webb
Jeff Webb		Jeff Webb
Leah Thomson	29	Leah Thomson
Debbie Rene	1124 Starr Ave	Debbie Rene
K. Worley		K. Worley
J. Spence		J. Spence
Susan Spence		Susan Spence
Corinne Penstone		Corinne Penstone
RON MOULTON		RON MOULTON
Gan Tindor		Gan Tindor

Page 16

Say 'NO' to Lithium Battery Storage in Armour Township



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 22

Full Name	Mailing Address	Signature
monica Hamilton		monica Hamilton
REBECCA TANNEY		Rebecca Tanney
Teri & Dominic Morano		Teri Morano
Eileen Empey		Eileen Empey
Steve M'Don		Steve M'Don
Aline Monforton		Aline Monforton
Rob McEach		Rob McEach
Amie Patterson		Amie Patterson
LARRY PATTERSON		Larry Patterson
Shelly Barman		Shelly Barman
Mark Hall		Mark Hall
Tracey Delfino		Tracey Delfino
Margaret Miller		Margaret Miller
Diane Millar		Diane Millar
ED Rowe		Ed Rowe
John Punter		John Punter





SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 23

Full Name	Mailing Address	Signature
Angelique Andrews		angelique andrews
Danielle Clodd		Danielle Clodd
Louise Clodd		Louise Clodd
Roger Clodd		Roger Clodd
Candy Niestroy		Candy Niestroy
Chris Laplante		Chris Laplante
Jami Ariston		Jami Ariston
Marie Stanava		Marie Stanava
Denae Laws		Denae Laws
Jason Fulcher		Jason Fulcher
Jackie Letton		Jackie Letton
Ken Heittola		Ken Heittola
Jennine Heittola		Jennine Heittola
Betty Carriere		Betty Carriere
Ford Mason		Ford Mason
Al Hugan		Al Hugan





SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 24

Full Name	Mailing Address	Signature
Harvey Fishers		Harvey Fishers
Ray Aumenick		
Sherry McLennan		Sherry McLennan
Keith McLennan		Keith McLennan
Dale Antcliffe		Dale Antcliffe
MATT GALK		
K Ray Sparrock		Ray Sparrock
K Jacqueline Lemlee		Jacqueline Lemlee
Kurt's Rosbottom		
Jonathan-Adam-Lawrence:		Jonathan-Adam-Lawrence:
James Murray		James Murray
Cari Bradley		Cari Bradley
DAVID WRIGHT		David Wright
Julie Perge		Julie Perge
Les Edwards		Les Edwards
TAT ARMSTRONG		TAT ARMSTRONG

X/O
O/O

Page 16

Say 'NO' to Lithium Battery Storage in Armour Township



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 26

Full Name	Mailing Address	Signature
ROSALIND HALL	5	Rosalind Hall
LEN HALL		Len Hall
BRANDON HALL		Brandon Hall
BRIAN HICKS		Brian Hicks
Shelina Bell		Shelina Bell
Clayton Frankum		Clayton Frankum
SHANIE MARLEEN		Shanie Marleen
Matthew Orr		Matthew Orr
Jeremy Paster		Jeremy Paster
PETER NIESTROY	P. Niestroy	P. Niestroy
Amber Clarke		Amber Clarke
Justin Short		Justin Short
Shelley Cummings		Shelley Cummings
Ryk Harell		Ryk Harell
Mark Hornby		Mark Hornby
Jessie Sherwood		Jessie Sherwood



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 27

Full Name	Mailing Address	Signature
Lauri Kononick		
Terri Leclair		
Debbie Plunsted		
CHRIS WILTON		
PAUL IRVING		
Matt Galey		
Tim Crozier		
Dawn Mayhew		
Joey Barkwell		
J. Tillay		
Judy ARMSTRONG		
Trevor Simpson		
Tom LEMKE		
Row PATTON		
DAN MICHELS		

TAMMY FISHER

10

A C
G 10



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 28

Full Name	Mailing Address	Signature	
Jake Donaldson	Burk's	[Signature]	
Anne Perissinotto		A Perissinotto	A
Kathy Sherwood		Kathy Sherwood	
Tony Perissinotto 2		Tony Perissinotto	A
[Signature]		[Signature]	
Katherine Magford		Katherine Magford	
B. A. Belinda Hoffmann		B. A. Hoffmann	
Monique Brown		Monique Brown	
Alexis [Signature]		Alexis [Signature]	
Diana Mitchell		Diana Mitchell	
Cherie Kiers	31 Sprucedale	Cherie Kiers	
Tony Skerem		Tony Skerem	A
Bob Mollo		Bob Mollo	
Tosh Irving		Tosh Irving	
Clayton Magford		Clayton Magford	A
Helen R. MacCabe		Helen R. MacCabe	

Candra Whittaker
Ray Whittaker

on 10 May 2011

[Signature]

A A 0
A 6 12



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 21

Full Name	Mailing Address	Signature
Thomas R Stoddart		THOMAS R STODDART
BOB MILLER		Bob Miller
LAWRENCE HARRIS		Frederick Harris
DANIEL WAYNE COOPER		Daniel Wayne Cooper
Chuck Gagnon		Chuck Gagnon
Marie Stitt		Marie Stitt
J. W. Stitt		W. J. Stitt
GARY JEVEREAU JUNIOR		Gary Jevereau
JOHN COOPER		Daniel J Cooper
GARY FISKY		Gary Fisky
TWILA ARMSTRONG		Twila Armstrong
Daniel Baele		Daniel Baele
Nicole Hamiltan		Nicole Hamiltan
Davin Christen		Davin Christen
Sheila Clark		Sheila Clark

Page 16

Say 'NO' to Lithium Battery Storage in Armour Township

16/14/2



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 30

Full Name	Mailing Address	Signature
JACQUI TRACY	171 LINDA ST. WILKINSON	Jacqueline Tracy
JANESSE McPHILLIPS	11111111111111111111	Janesse McPhillips
HARVEY MULLIGAN	11111111111111111111	Harvey Mulligan
SANDRA ANDERSON	11111111111111111111	Sandra Anderson
Brook McNally	11111111111111111111	Brook
SUSAN CURRIE	11111111111111111111	Susan Currie
Jayden Page	11111111111111111111	Jayden Page
Emily Cole	11111111111111111111	Emily Cole
Don Hunter	11111111111111111111	Don Hunter
BRIAN HUNT	11111111111111111111	Brian Hunt
M McALLISTER	11111111111111111111	M McAllister
T Mashinter	11111111111111111111	T Mashinter
Don Mashinter	11111111111111111111	Don Mashinter
John Tilson	11111111111111111111	John Tilson
Jay Skerch	11111111111111111111	Jay Skerch

A
A
A
A
A
A
A
A
A
A
A
A
A
A
A



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 31

Full Name	Mailing Address	Signature
K. Bruce Quinn		
Christine Sabourin		
Alanna Morris		
Amanda Derratch		
Steve Penn		
LINDA Timms		
BOB COX		
Greg Boyes		
STEVEN MURPHY		
Karen GROVES		
Phil Bernier		
Dore JOHANN/BERNIER		
Kyley Duncan		
Thomas O'Rourke		
Eleanor Junger		
Jenny Hall		

A
A
A
A
A
A
A
A
A
A
A
A
A
A
A

Page 16 12 4
A GIVE



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 32

Full Name	Mailing Address	Signature
Jaye Evenden		Jaye Evenden
Dawson Campbell		Dawson Campbell
Cody Mann		Cody Mann
Sydney Soares		Sydney Soares
Pauline Trinier		Pauline Trinier
Angus Borman		Angus Borman
H. Bartlett		H. Bartlett
R. Bartlett		R. Bartlett
ED BROWN	637	Ed Brown
Lesley Penn		Lesley Penn
RV John BOB VANSCHEREN		RV John
LESLIE VANSCHEREN		Leslie Van Scher
Shauna Woffel		Shauna Woffel
Sharon Worth		Sharon Worth
Mentz Worth		Mentz Worth

A
A
A
A
A
A
A
A
A
A
A
A
A
A
A



1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 3

[illegible]

Δ
Δ
Δ
Δ
Δ
Δ
Δ

17	Other
8	✓



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 35

Full Name	Mailing Address	Signature
Rebecca Lewin		Rebecca Lewin
Brookar Wise		Brookar Wise
Ryan Zentor		
Rob Cadieny P.S. Fire Your CTO!		
Mark Tranter		
Lindsey Stelmans		
Tony Calo		
Chris Guelman		
Robert Percy		



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 30

Full Name	Mailing Address	Signature
McKenzie Romance		McKenzie Romance
Tracy Binkley		
Tim Binkley		
Tracy Binkley		
Alyssa Martin		Alyssa Martin
TERESA ENGUSA		
Sharon Vandenberg		Sharon Vandenberg
Bob Damborg		Bob Damborg
A.K. Bagnell		A.K. Bagnell
J. Boyer		J. Boyer

A
A
A





SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 37

Full Name	Mailing Address	Signature
Cindy Aessie		Cindy Aessie
Ralph Blakely		Ralph Blakely
Nancy Webb		Nancy Webb
Doug Webb		Doug Webb
Cindy Vitale		Cindy Vitale
Jennifer West		Jennifer West
Barry West		Barry West
Lorne Green		Lorne Green
Tim Green		Tim Green
Laurie Osborne		Laurie Osborne
Dario Rose		Dario Rose
Cameron Rose		Cameron Rose
Jessy Barkwell		Jessy Barkwell
Noah Mykytowich		Noah Mykytowich

A

Page 14

A	0
14	13



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 38

Full Name	Mailing Address	Signature
Jane Lip Wood		Jane Lip Wood
Lynel Say		Lynel Say
Colleen Marshall		Colleen Marshall
Paul Brown		Paul Brown
Leodana Godfrey		Leodana Godfrey
Brenda Meyers		Brenda Meyers
Jim Haddington		Jim Haddington
GLENN GOULDING		Glenn Goulding
Rick Gowers		Rick Gowers
Allyssa Moyer		Allyssa Moyer
Bryan McLean		Bryan McLean
Matthews, David		Matthews, David
STEVE ANDERSON		Steve Anderson
Ayle Turner-Nesbitt		Ayle Turner-Nesbitt
Cynthia Culbert		Cynthia Culbert
ANGELA FRIESEN		Angela Friesen



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 39

Full Name	Mailing Address	Signature
SKK ARMSTRONG		SA
Elle Peyton Sherwood		Elle Sherwood
Alex Haxton		AE
Tanner Reinhardt		2R
Luke Botton		LB
Rebecca Chorance		RE
JENNIFER HESSLEGRAVE		JH
Paige Trahan		PT
Regius Storrins		RS
Ashley Brandt		AB
Sandra O'Connor		SO'Connor
Clave Mills		C. Mills
Cora Mills		C. Mills
Sheryl Smallwood		SHERYL SMALLWOOD
McA-Lynn		

14014



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 40

Full Name	Mailing Address	Signature
Dawn Sturgeon	Burks Falls	Dawn Sturgeon
LAREN KOVALCHUK		Laren Kovalchuk
KRISTIN SOWERBY		Kristin Sowerby
Josh Moulton		Josh Moulton
Ruth Brown		Ruth E Brown
Jed Shelly TED SHOLEY	271	Jed Shelly
JACOB PALNIK		Jacob Palnik
LAURACEE HARRIS		Lauracee Harris
FRD J. HARRIS		FRD J. Harris
VAL & ROB RANDALL		V. Randall
Jill + DEAN Howard		Jill + Dean Howard
Charlene Cresmire		Charlene Cresmire
Katherine Colley		Katherine Colley



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 71

Full Name	Mailing Address	Signature
SAM BROWNLOW		
Leigh McLeansow		
John McLeansow		
STÉPHANE GATTON		
Elizabeth J. Playford		
Grant GRAHAM		
JOHN MATHERS		
Darinda Nicholls		
CAROLYN PARNETT		
Charles Taylor		
Tom McVerry		
BOB WOOD		
Josie Shepherd		
Glen Cooke		

A 15
6 9



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 42

Full Name	Mailing Address	Signature
Carl Bell		Carl Bell
LYNN MCGREGOR		Lynn McGregor
RANDY MCGREGOR		Randy McGregor
Jan Sporbeck		Jan Sporbeck
Stella Cronin		Stella Cronin
LISA MOULTON		Lisa Moulton
MAGGIE MITCHELL		Maggie Mitchell
Laura McFarland		Laura McFarland
Terry Leclair		Terry Leclair
TYLER ARMSTRONG		Tyler Armstrong
Jaime Kitarsky		Jaime Kitarsky
Vicky Heckendorn		Vicky Heckendorn
Pat Mason-Graham		Pat Mason-Graham
Joelynn Robinson		Joelynn Robinson
Bonnie Alache		B. Alache

A.C.
J.B.



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page -13

Full Name	Mailing Address	Signature
J. Brewer		J. Brewer
ROBIN STEWART		Robin Stewart
A. Elsie		A. Elsie
Alex YOUNG		Alex Young
Nakem Romance		Nakem Romance
Noah Cox		Noah Cox
Brooklyn Patterson		Brooklyn Patterson
Diane Millar		Diane Millar
Mary Pope		Mary Pope
Cathy Sterling		Cathy Sterling
Shirley Underhill		Shirley Underhill

Page

Say 'NO' to Lithium Battery Storage in Armour Township



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 44

Full Name	Mailing Address	Signature
Eric Weller		Eric Weller
Kevin Samsen-ter		Kevin Samsen-ter
Stephanu Ferreira		Stephanu Ferreira
Leshaan Roy		Leshaan Roy
C. St Jean		C. St Jean
Rene Timmins		Rene Timmins
Donna DK		Donna DK
Terena Earl		Terena Earl
Mark Earl		Mark Earl
Deb Willeme		Deb Willeme
RAY WALLACE		RAY WALLACE
Paul Harrison		Paul Harrison
Brandon Hall		Brandon Hall
Scott Marshall		Scott Marshall



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 45

Full Name	Mailing Address	Signature	
DAN WILCOX	LIN NOTION	Dan Wilcox	
LINDA WILCOX		Linda Wilcox	
BOB LLOYD		Bob Lloyd	
Kayle MacLeod		Kayle MacLeod	A
Jason Gauvin		Jason Gauvin	A
Steve Bunde		Steve Bunde	
JAMES BRYNN		James Brynn	A
DOUG JEFFERS		Doug Jeffers	
LINDA PALING		Linda Paling	A

Page 945



AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 46

Full Name	Mailing Address	Signature
Dougie McDonald		Dougie McDonald
Joe Hebert		Joe Hebert
Juanita Black		Juanita Black
Gretchen Lathrop		Gretchen Lathrop
Greg Neale		Greg Neale
Abitha Scheuneman		Abitha Scheuneman
Jenny Morrow		Jenny Morrow
Sydney Morrison		Sydney Morrison
Sharon Stewart		Sharon Stewart
Holly Bennett		Holly B
Terri Reid		Terri Reid
Doreen Karen Harris		Doreen Harris

A
A

3
0

A	U
2	10

Page 12

Say 'NO' to Lithium Battery Storage in Armour Township



- Page 43

	A
	A



Page 49

- Page 43

A C
O 3



1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

[illegible]



- ~~COUNCIL MEETINGS~~
~~TUES, MAY 6 TH @ 7AM~~
uestions.
sed BESS.

Page 1012



- ~~ARMOUR~~
page 52

A

Page 53



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION IN PERSON OR ONLINE.

to express your opinion and ask questions.

3. Visit Armour Township's website for information regarding the proposed BESS.

Full Name	City & Province	Phone Number	Signature
Carlene Elsie			Carlene Elsie
MARK L. CURRAH			Mark L. Currah
JUSTIN MARSHALL			Justin Marshall
K. Middleton			K. Middleton
C. M. H. Church			C. M. H. Church
Jon Osb			Jon Osb
Candace Stewart			Candace Stewart
Randy Crawford			Randy Crawford
John Zettel			John Zettel
COHN HIGGINS			Cohn Higgins
KEAR RUMFORD			Kear Rumford
Bob Williams			Bob Williams
Kyra Romance			Kyra Romance
Rick Stearns			Rick Stearns
Renee Starnes			Renee Starnes
Tom Gaby			Tom Gaby
Margaret White			Margaret White

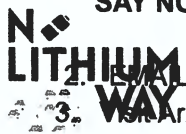
Full Name	City & Province	Phone Number	Signature
Mckenzie Romance			Mckenzie Romance
ROB LINDLEY			Rob Lindley
Joe Barkwell			Joe Barkwell
Chris Conlay			Chris Conlay
ROBERTO HERNANDEZ			Roberto Hernandez
Stephen DeLuca			Stephen DeLuca
Maggie Mitchell			Maggie Mitchell
Jason Tereske			Jason Tereske

and incentive!

25

A C
3 22

2008-04-15



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION IN PERSON OR ONLINE.

to express your opinion and ask questions.

3. Visit Armour Township's website for information regarding the proposed BESS.

Full Name	City & Province	Phone Number	Signature
Brian Damhough			
LOUISE FRY			
LAVERDE FRY			
BRENDA TOTA			
AINDA TOTA			
CHRIS MCNAUL			
Hazel Rowley			
SHARI ROYCE			
MATTHEW GAW			
Jack Heath			
Richard Hunt			
Bernadette J.			
Nana Muthu			
Natalie Miller			
Ra Uvels			
Robert Thrale			
Christina Hunt			

Full Name	City & Province	Phone Number	Signature
Rebecca Duggan			
Jason Irving			
Keisha Rufford			
Mike Holland			
Lily Kyte			
Debbie Suckart			
Doreen Mason			

24 420



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Page 35

Full Name	Mailing Address	Signature
Ashley Awan		Ashley Awan
JOSHUA AWAN		Joshua Awan
JUSTIN DODS		Justin Dods
Mekhi Priest		Mekhi Priest
Martina Dube		Martina Dube
MARTIN DUBE		Martin Dube
Doug Etmanowski		Doug Etmanowski
Castle Godfrey		Castle Godfrey
Wesley Spence		Wesley Spence
Mike Hickey		Mike Hickey
Mark R...		Mark R...
Jan Williams		Jan Williams
Joseph Lonsdale		Joseph Lonsdale
DARRIN HENLEY		Darrin Henley
Devanshu Tiwari		Devanshu Tiwari
Amogh		Amogh

A O
O 16

Page 16

Say 'NO' to Lithium Battery Storage in Armour Township



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

page 57

Full Name	Mailing Address	Signature
Jennifer Scholtz		Jennifer Scholtz
Murray Payne		Murray Payne
JAY WALLER		Jay Waller
Dave Burns		Dave Burns
Shelagh		Shelagh
William Bird NO		William Bird
MBell		MBell
J. McKay		J. McKay
John		John
Matt Haggart		Matt Haggart
LORIE HAGGART		Lorie Haggart
Ben Perry		Ben Perry
Theresa Nunziata		Theresa Nunziata
Rick Borater		Rick Borater
Connie Linstead		Connie Linstead

A/C
2/13



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

page 58

Full Name	Mailing Address	Signature
Drew Thomas Letkeman		
Bob Paille		
SHIRLEY HART		
Rick Hart		
GORD BARRETT		
JAN BROWN		
Diana-Mare Williamson		
KIM BLACKBURN		
Kristen Bennett		
Joshua Cousintine		

A	0
0	10



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

Armour + non

Full Name	Mailing Address	Signature
Rob Thone		[Signature]
Shane Garnham		[Signature]
CHARL BOYSH		
Car Car		[Signature]
JEFF MANNIZE		[Signature]
Don Fisher		[Signature]
Wagen Dersin		[Signature]
Dee Wessell		[Signature]
STEPHEN MULLIGAN		
George Dingman		[Signature]
Rick Towns		[Signature]
Jerome York		[Signature]
Phil York		[Signature]
TYLER BRIERE		[Signature]
Kristin Sparks		[Signature]
GEORGE SCHWARTZ		[Signature]

A-
A-

A	0
3	B

F 30 60



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

~~NO ARMOUR~~

Full Name	Mailing Address	Signature
Jason Simpson		<i>Jason Simpson</i>
Tasmin Quick		<i>Tasmin Quick</i>
Evan Quick		<i>Evan Quick</i>
Velma Armstrong		<i>Velma Armstrong</i>
Aly Hampson		<i>Aly Hampson</i>
Derek Hampson		<i>Derek Hampson</i>
Joyce VanDuzen		<i>Joyce VanDuzen</i>
Sue Sequin		<i>Sue Sequin</i>
Ulrich Demaine		<i>Ulrich Demaine</i>
MIRANDA SMITH		<i>M. Smith</i>
Nancy Paulman		<i>Nancy Paulman</i>
Karen Sparling		<i>Karen Sparling</i>
Allan Hodgson		<i>Allan Hodgson</i>
Chloe Sparling		<i>Chloe Sparling</i>
Heather Smith		<i>Heather Smith</i>
Mark Fin - Mark Fin		<i>Mark Fin</i>

A	0
0	16



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

~~NOA Armour~~
page 61

Full Name	Mailing Address	Signature
Sue Fomer		Sue Fomer
Adrian Bourassa		Adrian Bourassa
Mike Tomback		Mike Tomback
Rose Twiney		Rose Twiney
Sue M. Lean		Sue M. Lean
John H. Hines		John H. Hines
M. J. LaRose		M. J. LaRose
DAVE LANE		Dave Lane
Pam Norppa		Pam Norppa
Victoria Johnson		Victoria Johnson
Angelina Johnson		Angelina Johnson
Gwen Mason		Gwen Mason
C. Buchanan		C. Buchanan
Earl Dabbs		Earl R. Dabbs
TERRY WHITE		Terry White
DON SELBIE		Don Selbie

A	0
0	16

Page 16

Say 'NO' to Lithium Battery Storage in Armour Township



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

page 62

Full Name	Mailing Address	Signature
Alicia Allen		Alicia Allen
Beverly Abbott		Beverly Abbott
Maria Topa		MARIA TOPA
VICTOR FELTIS		Victor Feltis
Michelle Spence		M Spence
McKenzie Romance		Wayne Romance
Sue Cousineau		S. Cousineau
Angela Huttala		Abilleta
LEN ALLEN		LEN
Therrie Leclair		Leclair
Camille Storch		Camille Storch
S M Brewer		Steven Brewer
S. Hurtubise		Hurtubise
Bob W. Hillman		

A

A

A

A

A	0
4	12

Page 16

Say 'NO' to Lithium Battery Storage in Armour Township



- page 63



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

page 64

Full Name	Mailing Address	Signature	
Amber Ashell			
Silvio Geccheto			A
MaKenzie Romance			
Paul S. IRVING			
Kauri Kononiuk			
P Robinson			
Chuck Elliott			
Shauna Bell			
Carol Bell			
Alex Young			A
			A
Dave Pear			A
Byclanning			
George Smith			A
Sandra Thornton			A
Rachael Doll			A

A	0
7	9



!AY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION.
2. EMAIL clerk@armourtownship.ca to express your opinion and ask questions.
3. Visit Armour Township's website for information regarding the proposed BESS.

page 65

Full Name	Mailing Address	Signature
Alison Peace		
Gina Price		
LORI BOWERMAN		
BRIAN BOWERMAN		
John Finley		
Paul Brant		
Jake Ferrante		
Sam Peace		
McKenzie Romance		

A

A

Page 9

A	0
2	7

RECEIVED

NOV 12 2025
TOWNSHIP OF ARMOUR

NO LITHIUM WAY
Citizens United Inc.

Date: November 4, 2025

Resolution Number: NLW-02-25

Moved by: Ashley

Seconded by: Ana

WHEREAS, Power Bank Corporation has submitted an application to the Township of Armour for approval of a Battery Energy Storage System (B.E.S.S.) to be located at Concession 6, Part Lot 3, 219 Peggs Mountain Road, Burk's Falls, Township of Armour, and

WHEREAS, Armour Township is requesting public engagement and concerns from local residents and surrounding townships, and

WHEREAS, No Lithium Way Citizens United Inc. (NLWCUI) is a Not-for-Profit Corporation representing citizens and residents of Armour Township and surrounding municipalities, and

WHEREAS, the citizens, residents and ratepayers have expressed their concerns regarding the risks associated with this B.E.S.S. site and the opposition to the proposal from Power Bank, and

WHEREAS, NLWCUI recognizes the critical importance of safeguarding the health, safety, and well being of the members of this and surrounding communities and of its fire fighters and acknowledges the potential risks associated with the proposed Battery Energy Storage System (B.E.S.S.), and

WHEREAS, the Burk's Falls and District fire department issued a report on May 26, 2025 to the Township of Armour, issued by Fire Chief Joe Readman, and

WHEREAS, the report states “EVLO the battery manufacturer state on their website” “no battery is perfect and thermal runaway can, in rare cases, result in fires or explosions”, and

WHEREAS, continued in the report “Lithium Iron Phosphate Batteries being the newer version of B.E.S.S. available, there is very limited information in the fire service today”. “There is conflicting tactic in the fire service, most agree with a defensive tactic only protecting exposures. While others side with a direct attack.”, and

WHEREAS, the report continues to state “Specific hazards arising from the hazardous products: the contact of water or water vapour and exposed lithium Hexafluorophosphate (LiPF₆) may result in the generation of hydrogen and hydrogen fluoride (HF) gas. Fire will provide irritating, corrosive and/or toxic gases. Fumes may cause dizziness or suffocation.”, and

WHEREAS, the report continues to state “At anytime during the life of this B.E.S.S. we may have to commit most, if not all of our resources at this one site for a possible multiday event. This directly contradicts the proposed training and Solar Banks expert’s opinion. I don’t believe this is done intentionally, more that this is such new technology and is truly evolving by the day. But as the Fire Chief I must rely on the manufacture’s direct information. After reviewing these documents, I believe as a Fire Department we must now prepare for the worst-case scenario, a multiday large-scale event requiring the need of our Automatic Aid Partners and possibly Mutual Aid Partners.”, and

WHEREAS, the report continues to state “With this installation being in the MNRF high risk area I’d like to point out to Council that in our MNRF agreement we are responsible for any fires that start in this area. This means if a large forest fire was to occur and we needed to call in the MNRF for assistance, the additional costs would fall back on the township.”, and

WHEREAS, the location of the B.E.S.S. project is within 900 meters of the Magnetawan River and 200 meters of the two tributaries that feed the Magnetawan River as indicated in Power Bank’s application and is in close proximity to Provincially Significant Wetlands (PSW) including the Magnetawan water shed, and

WHEREAS, the location of this site and the real possibility of fire and explosion and or leakage of toxic electrolytes could be in conflict of the Environmental Protection Act 14(1) which states “Despite any other Provisions of this Act or Regulations, no person shall discharge a contaminant or cause or permit the discharge of a contaminant into the natural environment that causes OR IS LIKELY TO cause an Adverse Effect.”, and

WHEREAS, the risk of a fire and or explosion and or contaminated water runoff could be an offense against the Water Resource Act, “Prohibits discharge of polluting material that may impair the quality of water, which encompasses impacts on aquatic life, including those with in wetlands.”, and

WHEREAS, the environmental assessment was not thorough enough to collect adequate information for the protection of these at-risk species. (Hoary bats and Silver-Haired bats) Hoary bats are not a cavity roosting bat species so, putting one detector at a snag tree would be very limiting in terms of surveying their maternity habitat. Hoary bats roost alone in living trees (not snags) with lots of leafy overstorey and plenty of space below for flight (they are big bats, high flyers and need adequate space for take off). Females use large diameter trees but also ones that tend to be close to the tallest trees for use as maternity habitat. So, using a single snag survey to determine whether there is Hoary bat maternity habitat in the subject area is useless. Silver-Haired bats are a cavity roosting species, but they use both deciduous and coniferous trees for roosting so, again putting one detector on a deciduous snag is pretty limiting in terms of surveying the maternity habitat, and (Reference: *Committee On The Status Of Endangered Wildlife In Canada COSEWIC*)

WHEREAS, Power Bank’s application to amend the Zoning of the remaining lot, at 219 Peggs Mountain Road, consisting of 32.37 HA, to a site-specific exception to allow an industrial B.E.S.S. installation is not a land use compatibility when considering there are three Rural Residential lots to the east and two Rural Residential lots to the west, and

WHEREAS, the installation of a B.E.S.S. site at 219 Peggs Mountain Road would likely cause neighbouring properties to devalue significantly and also increase property insurance rates.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. No Lithium Way Citizens United Inc., by way of this resolution indicate our firm opposition to the application submitted by Power Bank Corporation (Formerly Solar Bank Corporation) for a Battery Energy Storage System (B.E.S.S.), due to the risk of hazardous chemical contamination and the risk of forest fire and the harm it would cause to the Almaguin area, the community, the environment and the added risk to our fire services.**
- 2. A copy of this resolution to be sent to Armour Township for their records in consideration in evaluating the proposal with a strong recommendation to reject the application.**
- 3. No Lithium Way Citizens United Inc. shall notify Armour Township of our opposition to the application by sending a copy of this resolution as a written submission to Armour Township so that No Lithium Way Citizens United Inc. is entitled to appeal any decision or be party to an appeal by others.**

Carried: Carried

Defeated:

Date: Nov, 4 2025

Chair Signature: *Barry Burton*

RECEIVED

NOV 12 2025

TOWNSHIP OF ARMOUR

NOV. 5/25

Re: the proposed development of a Battery
Storage System in Armour Township

I'm opposed to the project. the resources
needed to deal with large-scale fires,
fueled by lithium battery's toxic materials,
in the location being considered. would
be logistically challenging and costly.
Perhaps there is a role for the manufacturers
of lithium batteries to play in the "end-of-life"
reality of this product rather than "storage"
at the centre of a tourist area.

- regards,

R.W. Haviland

RECEIVED

NOV 10 2025

TOWNSHIP OF ARMOUR

Ken Preston & Amber Woodcock

Burk's Falls, ON P0A 1C0

November 10, 2025

To: The Council of the Township of Armour

56 Ontario Street

Burk's Falls, ON P0A 1C0

Subject: Opposition to the proposed Official Plan Amendment No.4 Plus, A Related Zoning By-Law No 27-95. Opposition to the Proposed Battery Energy Storage Facility in the Township of Armour.

Dear Members of the Armour Township Council,

I am writing as a concerned resident of Burk's Falls to express my strong opposition to the proposed construction of a Battery Energy Storage System (BESS) facility within the Township of Armour. While I understand the growing need for renewable energy solutions, the placement of such a facility in or near a residential and environmentally sensitive area raises serious concerns regarding safety, health, property values, and environmental impact.

1. Safety and Fire Risk

Large-scale battery storage systems are known to carry significant fire and explosion risks due to potential "thermal runaway" incidents. Fires at BESS sites have occurred across North America and can burn for days, releasing toxic gases that are extremely difficult to contain. Given the rural layout of our township and the limited proximity of emergency response resources, even one incident could be catastrophic for residents and the surrounding environment. This proposed site is within 4-6 kilometers from our public school. This impact would be catastrophic.

2. Environmental and Health Impacts

In the event of malfunction, fire, or containment failure, these systems can release hazardous chemicals and contaminants into the air, soil, and groundwater. This would threaten our local ecosystem, including waterways, forests, and wildlife—key parts of what make Burk's Falls such a valued community. The long-term health effects of exposure to these substances, particularly for children, seniors, and those with respiratory conditions, are deeply concerning.

3. Property Value and Community Character

Introducing an industrial energy storage site into or near a residential area would decrease property values and diminish the natural character that defines Armour Township. Homeowners invest here for the safety, beauty, and peace of rural living—qualities that a high-risk industrial site would compromise. It would also deter future residents and investors from choosing Armour as a place to live and build. As a resident who has built two homes close to the suggested area of the storage site, we have already had concerns from prospective buyers about the storage site. This proposal impacts on the value of our home.

4. Appropriate Siting and Alternatives

If the township supports the principle of renewable energy development, such projects should be located in appropriately zoned industrial areas, far from homes, schools, and natural habitats. Community safety and environmental integrity must remain the highest priorities.

Conclusion

For all of the above reasons, we strongly urge Armour Township Council to reject the proposed Battery Energy Storage Facility and to commission a thorough, independent environmental and safety review of any similar proposals in the future. The safety, health, and property security of Armour's residents must come before industrial development.

Thank you for your time and consideration.

Sincerely,

Ken Preston & Amber Woodcock

Burk's Falls, Ontario P0A 1C0

Charlene Watt (Deputy Clerk)

From: Kev and Jen(home)
Sent: November 7, 2025 5:02 PM
To: Charlene Watt; Dave Gray; Charlene Watt (Deputy Clerk); planning@armourtownship.ca; pwnerner@armourtownship.ca; juangman@armourtownship.ca; dmacdonald@armourtownship.ca; Councillor Dorothy Haggart-Davis
Subject: BESS opposition

Dear Mayor and Members of Armour Township Council,
I am writing to formally and strongly state my opposition to the proposed Battery Energy Storage Site (B.E.S.S.) by PowerBank on Lot 3, Mountain Road in Armour Township.

As a **long-time seasonal resident for 47 years**, my family and I have a deep and lasting commitment to the community and a significant vested interest in preserving its natural environment and safety.

My opposition is based on serious concerns regarding the potential impact of this industrial facility on the health, safety, and economic well-being of the township.

Key Concerns that Need Full Consideration:

- 1. Fire and Public Safety Risks:** The flyers indicate that lithium-ion battery fires are incredibly difficult to extinguish and can lead to thermal runaway. The potential release of highly toxic chemicals and gases, such as hydrogen fluoride, carbon monoxide, and others, poses an unacceptable risk to residents, especially those in nearby Burks Falls, Ryerson, and South River, and could have long-term health consequences for the general area.
- 2. Environmental and Water Quality:** The proposal is located within the Magnetawan River Watershed. The risk of chemicals and fire suppressing agents entering local

waterways, ecosystems, and wetlands is a major threat to the health of the local environment, flora, and fauna, which are critical to the area's appeal.

3. **Risk to Local Economy (Tourism):** Our local economy is heavily reliant on tourism. The perception of environmental or safety risks associated with a B.E.S.S. facility could negatively impact tourism, property values, and the associated businesses, leading to significant financial consequences for residents.
4. **Strain on Local Resources:** Any major incident, particularly a fire, would place an enormous and possibly overwhelming strain on local volunteer fire departments and emergency services, potentially compromising public safety across the entire region.
5. **Lack of Local Economic Benefit:** The proposed facility appears to offer minimal economic benefit, particularly in terms of local, long-term employment opportunities.

I urge the Council to seriously consider the resolutions of opposition already passed by the Villages of Burk's Falls, Ryerson Township, and South River. I respectfully request that the Armour Township Council **refuse the current application** and vote against any necessary Official Plan Amendment and Zoning Bylaw Amendment required to change the property zoning to Industrial.

Thank you for your time and for upholding the best interests of your constituents and the Township of Armour.

Sincerely,

Charlene Watt (Deputy Clerk)

From: jake ferrante
Sent: November 8, 2025 10:28 AM
To: Charlene Watt (Deputy Clerk)
Subject: opposition to proposed lithium battery storage facility

Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear Armour Township,

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years. Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township.

I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,

Jake Ferrante



What is a B.E.S.S.?

A B.E.S.S. is a Battery Energy Storage Site. PowerBank is proposing to build a new B.E.S.S. on Pegg's Mountain Road in Armour Township.

This facility will have nine 20 x 8 foot storage cabinets, totaling 2,754 lithium iron phosphate batteries.

They do not generate electricity, they will store up to four hours of electricity from the grid at night when it is cheaper and sell back during high demand, profiting the company.

Application Status

The Application is currently in the peer-review process.

Once peer-reviews are complete, Armour Township will be presented with the completed application. Armour Township council will then refuse or accept the application.

If the applications are accepted by council, the application will then be sent to the Municipal Planner to begin drafting the Official Planning Amendment/Zoning Bylaw Amendment to change the properties zoning to industrial.

A notice of public meeting will also be provided at this time, so community members can voice their opinions to council.

The Village of Burk's Falls, Ryerson Township and South River have all passed resolutions opposing the proposed facility.

How Can You Help?

Write to Armour Township Council

56 Ontario Street Burk's Falls, ON P0A 1C0

clerk@armourtownship.ca

rward@armourtownship.ca

jbrandt@armourtownship.ca

wwhitwell@armourtownship.ca

rblakelock@armourtownship.ca

dhaggart_davis@armourtownship.ca



Write to MPP Graydon Smith

230 Manitoba St., Unit 204 Bracebridge, ON P1L 2E1

26 James St. Parry Sound, ON P2A 1T5

Email: graydon.smith@pc.ola.org



Write to MP Scott Aitchison

1-15 Northland Lane Huntsville, ON P1H 1M4

Email: Scott.Aitchison@parl.gc.ca



Sign our Petition

You can find our petition at Burk's Falls Home Hardware and Burk's Falls Legion.



Join our Facebook Page

Search for "No Lithium Way - Citizens United" or scan our QR below.



Buy a T-Shirt or Make a Donation

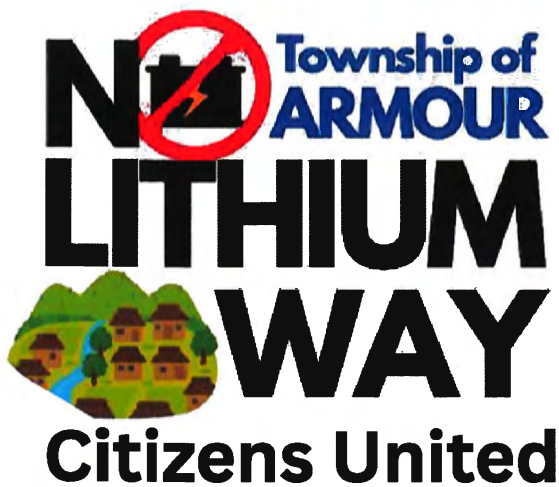
T- Shirts are \$20.00. All money goes towards public awareness materials and additional costs incurred. If you would like to purchase one, please email:

NoLithiumWay@gmail.com



Find us on Facebook





Residents across Armour Township, Burk's Falls, Ryerson Township, and the greater Almaguin area share a love for the outdoors. However, a proposal for a Lithium Battery Storage Facility in Armour Township could threaten not only our ecosystem and waterways, but the health of residents, and the livelihood of businesses. There is a reason why they chose this area - it is sparsely populated but still an easy two hour drive from the GTA. This shows there are risks, but we are not the dumping grounds for hazardous material.

Join us in the fight to encourage the Armour Township's Council to reject the Lithium Battery Storage Facility proposal.

OUR CONCERNS

Fire & Chemicals

Lithium iron phosphate battery fires are impossible to extinguish and they are prone to overheating from thermal runaway. A fire could release chemicals that have serious and long term effects on local wildlife and residents. It could cause evacuations of neighbouring townships and make the general area uninhabitable for generations. If the LiFePO_4 batteries were to catch fire, they could release a variety of toxic gases and chemicals such as carbon monoxide, carbon dioxide, hydrogen fluoride, as well as phosphorus oxides and organic solvents from the electrolyte. Hydrogen fluoride is particularly hazardous, as it is corrosive and can cause severe respiratory damage. While PowerBank Corporation says there is a low risk of these batteries catching fire, that does not mean it is impossible.

Water & Air Quality

The proposed location for the BESS is within the Magnetawan River Watershed, as defined by the Ontario Watershed Information Tool.

The chemicals in the battery could become airborne in the event of a fire, posing a great risk to the health of local residents, flora and fauna.

Risk To Local Businesses

Many local businesses rely on tourism to keep their businesses afloat. Any pollution could have dire consequences for our local economy and higher insurance rates for municipalities will also affect property taxes.

Strain on Local Resources

Lithium battery fires cannot be put out. They must burn until they extinguish. Our local fire fighting resources are already strained and this would be a very dangerous fire to contain.

Minimum Economic Benefit

The company who has proposed the BESS has committed to monitoring the facility remotely. This means there will be minimal local employment opportunities.

Find more information, as well as peer reviews, on the Armour Township website.



Charlene Watt (Deputy Clerk)

From: Nimoh, Gabriel (MTO) <Gabriel.Nimoh@ontario.ca>
Sent: November 5, 2025 11:24 AM
To: Charlene Watt
Subject: Notice of Public Meeting OPA/ZBA - PowerBank (SolarBank) BESS - Township of Armour
Attachments: POWERBANK_OPA_Rezoning_PUBLIC_MTG - SS Edits - 20251006.pdf; Draft OPA (Oct 17-25) WATERMARKED.pdf; Draft ZBA (Oct 17-25) WATERMARKED.pdf

Hello Charlene,

The Ministry of Transportation has reviewed the attached planning application and has determined that the subject lands are not located within the MTO's permit control area, therefore, the MTO does not have any comments to provide.

Don't hesitate to contact me if there are any questions or concerns.
Thank you,
Gabriel

Gabriel Nimoh (He/Him)
Corridor Management Planner | North Region - Area East
Ministry of Transportation | Ontario Public Service
705-492-0862 | gabriel.nimoh@ontario.ca

Corridor Management Office
3767 Hwy 69 South
Sudbury, ON P3G 1E3



Taking pride in strengthening Ontario, its places and its people

From: Charlene Watt <clerk@armourtownship.ca>
Sent: October 23, 2025 9:53 AM
Subject: Notice of Public Meeting OPA/ZBA - PowerBank (SolarBank) BESS - Township of Armour

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Please be advised that the **Notice of Public Meeting** is being circulated via email as a result of the ongoing **rotating Canada Post strike**, which may impact regular mail delivery. This is to ensure timely and reliable communication with all affected parties. If you prefer a couriered notice as well, please provide your shipping address.

The Council for the Township of Armour is considering draft Amendments to both the Official Plan and the Township Zoning By-law No. 27-95, as amended.

APPLICANTS: PowerBank Corporation and David Creasor

LOCATION: The draft Amendments both apply to Part Lot 3, Concession 6, in the Township of Armour, known municipally as 219 Peggs Mountain Road

PURPOSE AND EFFECT: The purpose of the submitted applications is to facilitate development of a Battery Energy Storage System ("BESS"). The effect of Official Plan Amendment No. 4 and the concurrently submitted Zoning By-law Amendment is to add site-specific policy and provisions to the Township's Official Plan and Comprehensive Zoning By-law to permit a Battery Energy Storage System ("BESS") on the subject lands.

TAKE NOTICE that the Council of the Township of Armour will hold a statutory public meeting under the *Planning Act* on

Tuesday, November 18, 2025 at 6:30 p.m. at the Katrine Community Centre, 6 Brown's Drive, Katrine, Ontario.

The meeting will be held in a hybrid forum with electronic participation and in-person attendance options. **The purpose of the meeting is to provide the public with an opportunity to review the applications and provide comments.** After considering comments received from the public, Council will make decisions on whether or not to adopt and approve the subject Amendments at a future Council meeting.

If you choose to attend virtually, please advise the Clerk of your email address so an invitation to join the Zoom meeting can be sent which will allow you the opportunity to speak at the meeting. Anyone choosing to participate electronically is required to provide their email address in advance.

PLEASE NOTE that appeals to the Ontario Land Tribunal (OLT) are restricted as per *Bill 185, Cutting Red Tape to Build More Homes Act, 2024*. Appeals may only be filed by an applicant, the Minister of Municipal Affairs & Housing, a specified person or a public body (as defined by the *Planning Act*).

IF A PERSON OR PUBLIC BODY would otherwise have an ability to appeal the decisions of the Municipal Corporation of the Township of Armour to the Ontario Land Tribunal (OLT) but the person or public body does not make oral submissions at a public meeting or make written submissions to the Municipal Corporation of the Township of Armour before the Official Plan and Zoning By-law Amendments are adopted and passed, the person or public body is not entitled to appeal the decisions.

IF A PERSON OR PUBLIC BODY does not make oral submissions at a public meeting or make written submissions to the Municipal Corporation of the Township of Armour before the Official Plan and Zoning By-laws are adopted and passed, the person or public body may not be added as a party to the hearing of an appeal before the Ontario Land Tribunal unless, in the opinion of the Tribunal, there are reasonable grounds to do so.

ADDITIONAL INFORMATION relating to the proposed Official Plan and Zoning By-law Amendments is available at <https://www.armourtownship.ca/proposed-battery-energy-storage-system-bess-in-armour-township>.

If you wish to be notified of the decisions of the Municipal Corporation of the Township of Armour on the proposed Official Plan and/or Zoning By-law Amendments, you must make a written request to clerk@armourtownship.ca

Charlene Watt

Municipal Clerk, Dipl.M.M.
Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Telephone: 705-382-3332
Fax: 705-382-2068

Website: www.armourtownship.ca

This message may contain confidential information. If you are not the named addressee, you should not disseminate, distribute or copy this email. Please notify the sender immediately if you have received this email by mistake and delete this email from your system. Finally, the recipient should check this email and any attachments for the presence of viruses. The organization accepts no liability for any damage caused by any virus transmitted by this email.

Charlene Watt (Deputy Clerk)

From: Laureen Payne <
Sent: November 3, 2025 12:16 PM
To: Mayor Rod Ward; Charlene Watt; Councillor Jerry Brandt; Councillor Wendy Whitwell; Councillor Rod Blakelock; Councillor Dorothy Haggart-Davis; Scott.Aitchison@parl.gc.ca; graydon.smith@pc.ola.org
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear Rod Ward, Mayor Armour Township, Councillors Armour Township, MPP Graydon Smith and MP Scott Aitchison

I am writing to express my **Strong Opposition** to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
 - Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
 - Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
 - Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires. And so many more.....
- These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community (We value our community) for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

We have done our own research and have read many more incidents other than the above listed ones. I see no benefit for **Armour Township** and its **citizens**.

It is clear to us that we do not want this in our community and I know I am not alone!

Our property is less than a km away from this site. Our pond has a direct link from the runoff from Pegg's Mountain and streams. Should an incident happen this could mean we will be homeless and/or our property unuseable and uninhabitable. This could affect our health as well.

I urge the council to reject the proposal for the BESS (or whatever name they are going by now or in the future) in Armour Township.

Thank you for your attention to this critical matter.

Sincerely,

Gary and Laureen Payne

Burks Falls Ontario Canada
POA 1C0

Charlene Watt (Deputy Clerk)

From: Jane Napper
Sent: November 3, 2025 10:05 AM
To: Charlene Watt
Subject: Re: Petition

To Armour Township Council:

I wish my name to be added to the petition opposing the installation of a Power Bank for the Battery Energy Storage Site.

I live in Ryerson Township approximately 12 km from the proposed site.

I feel that even though they say that there is a LOW risk of these batteries catching fire, that risk is still too HIGH. It would be devastating to the entire community/area.

Thank you.

Jane Napper

Burks Falls POA1C0

Charlene Watt (Deputy Clerk)

From: Wendy Lee
Sent: November 3, 2025 9:52 AM
To: Charlene Watt
Subject: Re: Fax

Township of Armour

I am writing to file our objection to any bylaw amendments that would allow a BESS installation on Ferguson Rd in Burks Falls or any location in Burks Falls. Our votes are against the proposed BESS.

Signed this day, Nov. 03, 2025

Wendy Lee

Howard Lee

As the power of attorney for both Helen Healey and Cindy Hellam, I have spoken with them and they have requested that I cast a NO vote for the BESS, for them as well.

On Mon, 3 Nov 2025 at 09:23, Charlene Watt <clerk@armourtownship.ca> wrote:

Hi Wendy,

I did not receive a fax. Please email me your submission.

Thank you,

Charlene Watt

Municipal Clerk, Dipl.M.M.

Township of Armour

PO Box 533, 56 Ontario Street

Burk's Falls, Ontario P0A 1C0

Telephone: 705-382-3332

Fax: 705-382-2068

Website: www.armourtownship.ca

This message may contain confidential information. If you are not the named addressee, you should not disseminate, distribute or copy this email. Please notify the sender immediately if you have received this email by mistake and delete this email from your system. Finally, the recipient should check this email and any attachments for the presence of viruses. The organization accepts no liability for any damage caused by any virus transmitted by this email.

From: Wendy Lee
Sent: October 31, 2025 3:25 PM
To: Charlene Watt <clerk@armourtownship.ca>
Subject: Fax

Charlene, I just faxed a letter of objection to the BESS installation. Please let me know you received it and that it is acceptable. Just a quick yes is fine.

Thanks, Wendy

Charlene Watt (Deputy Clerk)

From: Gina Price
Sent: November 1, 2025 9:21 AM
To: Charlene Watt; Jim Price; Mayor Rod Ward; Councillor Wendy Whitwell; Councillor Rod Blakelock; Councillor Dorothy Haggart-Davis
Subject: 219 Peggs Mountain

Hello Charlene,

I would like to be notified of the decisions of Armour township related to the proposed changes to the Official Plan and/or zoning by-law amendments.

My husband and I both wrote to the mayor and councilors in April to express our concerns and I want to reiterate that we are **opposed to the plan to build the BESS**. The risks are too great and there would be zero benefit to our community.

We plan to be at the meeting on November 18th.

Have a great day,
Gina Price

Charlene Watt (Deputy Clerk)

From: Boucher, Anthony (MECP) <Anthony.Boucher@ontario.ca>
Sent: October 24, 2025 8:44 AM
To: Charlene Watt (Deputy Clerk)
Cc: Sam Soja
Subject: RE: Township of Armour- PowerBank's BESS

Good Morning Charlene,

Thank you for providing the requested information.

It appears as if the project already has a Noise EASR registered, which is what I wanted to determine.

Once the stormwater management plan is submitted, I will be interested in reviewing.

Kind Regards

Anthony Boucher, Environmental Compliance Officer, Badge # 2122

Northern Region - Timmins District- North Bay Office | Ministry of the Environment, Conservation and Parks

Unit 16 & 17, 191 Booth Rd, North Bay, Ontario, P1A 4K3

Cellular: (705) 492-1305 | Email: Anthony.Boucher@Ontario.ca

Spills Action Centre: 1-800-268-6060



From: Charlene Watt (Deputy Clerk) <deputyclerk@armourtownship.ca>

Sent: October 23, 2025 11:48 AM

To: Boucher, Anthony (MECP) <Anthony.Boucher@ontario.ca>

Cc: Sam Soja <sam.soja@tulloch.ca>

Subject: Township of Armour- PowerBank's BESS

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hello Anthony,

Thank you for contacting me today. As requested, please see below the links to the following documents:

Stormwater Management Plan (not finalized to date):

Township's Peer Review Submission (Dated October 2, 2025) <https://irp.cdn-website.com/20e551fd/files/uploaded/2025+10+02+Twp+of+Armour+-+TULLOCH+Peer+Review+Response+-+Stormwater+Management.pdf>

PowerBank's Current Stormwater Management Plan (Dated August 13, 2025) <https://irp.cdn-website.com/20e551fd/files/uploaded/08+13+2025+StormWater+Management.pdf>

Emergency Response Plan (not finalized to date):

PowerBank's Current Emergency Response Plan (September 3, 2025) <https://irp.cdn-website.com/20e551fd/files/uploaded/2025+09+03+PeggsMountain-BESS ERP-Rev1.pdf>

- I don't see a reference to the Spills Centre in this document

Noise Study (finalized):

Township's Peer Review Confirmation of Finalized Noise Study (dated August 18, 2025) <https://irp.cdn-website.com/20e551fd/files/uploaded/Air+and+Noise+2025-08-18+LTR+-+Response+Update+Peer+Review+BESS+Final.pdf>

PowerBank's Noise Study (dated July 8, 2025): <https://irp.cdn-website.com/20e551fd/files/uploaded/ACCOUSTIC+REPORT+W+LETTER+07082025.pdf>

Site Plan:

Site Plan of the proposed BESS and surrounding residential properties: <https://irp.cdn-website.com/20e551fd/files/uploaded/2. BESS Site Plan.pdf>

PowerBank / SolarBank Contact:

PowerBank Contact: Ina Lila ina.lila@solarbankcorp.com

Please advise if you have any concerns regarding the above. As noted, the public meeting will be held on November 18, 2025 and if there are concerns or deficiencies, I would like to ensure that Council is aware of outstanding requirements.

Warm regards,

Charlene Watt

Municipal Clerk, Dipl.M.M.
Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Telephone: 705-382-3332
Fax: 705-382-2068

Website: www.armourtownship.ca

This message may contain confidential information. If you are not the named addressee, you should not disseminate, distribute or copy this email. Please notify the sender immediately if you have received this email by mistake and delete this email from your system. Finally, the recipient should check this email and any attachments for the presence of viruses. The organization accepts no liability for any damage caused by any virus transmitted by this email.

3236 River St. P.O. Box 28
Alvinston, ON N0N 1A0
Phone: 519.898.2173
Fax: 519.898.5653



August 22, 2025

Municipality of Village of Burk's Falls
102 Ontario Street
PO Box 160
Burk's Falls, ON

RECEIVED

AUG 25 2025

TOWNSHIP OF ARMOUR

At the August 13, 2025 regular session of Council, the following motion was duly moved and seconded:

RESOLUTION-2025-236

Councillor Craig Sanders made a motion that the Municipality of Brooke-Alvinston supports the request from the Village of Burk's Falls to request that the Province of Ontario immediately suspend the approval and development of all new BESS installations until a comprehensive, science-based study is completed. Deputy Mayor Frank Nemcek seconded the motion.

Carried

If you require further information, please contact by phone or email
jdenkers@brookealvinston.com.

Kind Regards,

Darlene Paolucci
Administrative Assistant

Charlene Watt (Deputy Clerk)

From: Ashley Soundy (Administrative Assistant)
Sent: August 15, 2025 8:58 AM
To: Charlene Watt
Subject: FW: NEW Township of Armour website inquiry!

Kind Regards,

Ashley Soundy

Administrative Assistant/Finance Clerk

Township of Armour
56 Ontario Street
P.O. Box 533
Burk's Falls, ON P0A 1C0
(705) 382-3332
admin@armourtownship.ca
www.armourtownship.ca



From: no-reply@myclientfirstwebsite.com <no-reply@myclientfirstwebsite.com>
Sent: August 14, 2025 9:53 PM
To: Ashley Soundy (Administrative Assistant) <admin@armourtownship.ca>
Subject: NEW Township of Armour website inquiry!

Form response notification

You've received the following form submission from the Contact Form form on the CONTACT page of your website - <https://www.armourtownship.ca>.

Full Name: Greg Tudin

Phone Number (optional):

Email Address:

How Can We Help You?: Battery storage facilities—especially large-scale Battery Energy Storage Systems (BESS)—play a vital role in modern energy infrastructure, but they come with a range of risks and dangers that need to be carefully managed. These can be grouped into technical, environmental, safety, and operational risks.

1. Fire and Thermal Runaway

This is the most well-known and serious risk associated with battery storage.

- Thermal runaway occurs when a battery cell overheats, triggering a self-sustaining reaction that can spread to neighboring cells.
- This can lead to fires or even explosions, especially in lithium-ion battery systems.

- Fire suppression is difficult—lithium fires can't be extinguished easily with water or standard methods.

Examples:

- The 2020 fire at a BESS facility in Arizona injured several firefighters.
- The Tesla Megapack fire in Victoria, Australia (2021) burned for three days.

2. Toxic Gas Emissions

In the event of overheating, short circuits, or fires:

- Batteries can emit toxic gases like hydrogen fluoride (HF), carbon monoxide, and other volatile organic compounds.
- These gases are harmful to humans and the environment and may require evacuation zones or special protective equipment for emergency responders.

3. Electrical Hazards

- High-voltage systems carry the risk of electric shock, arc flashes, or electrical fires during maintenance or system failure.
- Poor grounding, design flaws, or improper isolation procedures can exacerbate risks.

4. Environmental Impact

- In case of battery leakage or fire suppression runoff, hazardous chemicals can enter the soil or water supply.
- Battery manufacturing and disposal also have long-term environmental consequences if not managed responsibly.

5. Explosion Risks

- Enclosures that aren't properly ventilated can accumulate flammable gases, which may explode if ignited.
- This is particularly relevant for hydrogen gas produced in some battery chemistries under stress.

6. System Failures and Malfunctions

- Software or hardware failures can lead to:
- Overcharging or over-discharging (which can degrade cells or lead to fire),
- Loss of energy delivery capability,
- Unintended shutdowns during critical power demands.

7. Cybersecurity Threats

As BESS facilities are increasingly integrated with smart grids and remote control systems:

- They become potential targets for cyberattacks.
- A successful attack could lead to grid destabilization, forced shutdowns, or even battery damage.

8. Natural Disasters

- Earthquakes, floods, wildfires, or hurricanes can damage infrastructure and increase the risk of hazardous releases or fires.
 - Flooding in particular can cause short circuits or expose hazardous materials.
-

9. Security and Vandalism

- Physical security is crucial to prevent unauthorized access, vandalism, or theft (particularly for expensive materials like lithium, cobalt, or copper).
-

10. Aging and Degradation

- Batteries degrade over time, increasing the chance of failures, internal shorts, or reduced safety margins.
 - Old systems may not meet modern safety standards or may require decommissioning protocols.
-

Mitigation Strategies:

- Advanced fire detection/suppression systems.
- Proper ventilation and thermal management.
- Regular maintenance and system checks.
- Cybersecurity protections.
- Site selection away from population centers or critical infrastructure.
- Emergency response planning and coordination with local authorities.

Reply to customer

▪



TOWNSHIP OF CHATSWORTH
316837 Highway 6, RR 1
Chatsworth, Ontario N0H 1G0
Telephone 519-794-3232 – Fax 519-794-4499

August 11, 2025

By Email Only: SeniorAdmin@burksfalls.ca

Village of Burk's Falls
172 Ontario Street
Box 160
Burk's Falls ON

Attention: Camille Barr, Senior Administrative Assistant

Re: Resolution: Battery Energy Storage Systems (BESS)

Please be advised at Township of Chatsworth Council held on August 6, 2025 the following resolution was carried:

THAT Township of Chatsworth Council hereby support the resolution from the Village of Burk's Falls regarding Battery Energy Storage Systems; and
FURTHER THAT the Village of Burk's Falls be notified of our support.

Should you require additional information please contact the undersigned.

Sincerely,

Tyler Zamostny, AMP, Dipl.M.A.
Deputy Clerk

RECEIVED

AUG 11 2025

TOWNSHIP OF ARMOUR



The Municipality of the
VILLAGE OF BURK'S FALLS

Moved By: Ashley Brandt Date: July 15, 2025

Seconded By: Ryan Baptiste Resolution # 2025- 244

Be it resolved;

WHEREAS the Council of the Village of Burk's Falls, together with residents from surrounding municipalities, has expressed strong and united opposition to the proposed installation of a Battery Energy Storage System (BESS) facility, citing significant concerns regarding public safety, environmental risk, land use compatibility, and insufficient local economic benefit; and

WHEREAS the perceived risk associated with BESS installations significantly outweighs any demonstrated local advantage, and further, the lack of established, province-wide planning policies has led to avoidable conflict and uncertainty for municipalities and residents alike;

Now therefore be it resolved that:

1. The Council of the Village of Burk's Falls respectfully requests that the Province of Ontario immediately suspend the approval and development of all new BESS installations until a comprehensive, science-based study is completed. Such a study should result in the development of robust, province-wide policies and regulations governing the operation, and risk mitigation of BESS facilities.
2. The Province of Ontario be urged to provide clear policy guidance to municipalities and industry stakeholders recommending that BESS installations be permitted only on lands currently zoned for industrial use, recognizing that:
 - a) such lands have been previously evaluated and approved for industrial development; and
 - b) the limited economic return provided by BESS projects does not justify rezoning lands designated for other uses.

3. The Province of Ontario be further requested to disseminate the results of this study and any associated policy or regulatory recommendations to all Ontario municipalities, thereby preventing unnecessary and costly legal challenges, public opposition, and community division related to the siting of future BESS projects.
4. The Council of the Village of Burk's Falls calls upon Solar Bank Corporation to immediately withdraw its application for the proposed BESS facility at Pegg's Mountain, in the interest of fostering constructive community relations and acknowledging that this situation closely parallels the circumstances in Gravenhurst, where similar concerns led to widespread opposition and rejection of a comparable project.
5. That a copy of this resolution be forwarded to members of parliament (MPP's) and all municipalities in the province of Ontario.

Recorded Vote requested by: _____

Ryan Baptiste	for / opposed
Ashley Brandt	for / opposed
Sean Cotton	for / opposed
Chris Hope	for / opposed
Nancy Kyte	for / opposed

Y
Carried

Defeated

Deferred

Pecuniary Interest declared by: _____



Mayor

RECEIVED

AUG 05 2025

TOWNSHIP OF ARMOUR



Thursday July 31, 2025

RE: Support for Village of Burk's Falls – Resolution 2025-244 Opposing BESS Facility Development

Please be advised that Conmee Township Council passed the following resolution at its regular meeting held July 22, 2025:

RESOLUTION 2025-156

Moved by: Councillor Arnold

Seconded by: Councillor Maxwell

BE IT RESOLVED THAT the Township of Conmee supports the Village of Burk's Falls' Resolution 2025-244, requesting a provincial moratorium on new Battery Energy Storage System (BESS) installations pending a comprehensive, science-based study and the development of province-wide policies and regulations;

AND FURTHER THAT this resolution be forwarded to the Village of Burk's Falls, the Ministry of Energy, the Ministry of Municipal Affairs and Housing, the Federation of Canadian Municipalities (FCM), the Association of Municipalities of Ontario (AMO), and MPP Kevin Holland.

Please find attached the original resolution from the Village of Burk's Falls for reference.

Thank you,
Karen Paisley
Municipal Clerk



AUG 05 2025

TOWNSHIP OF ARMOUR

p.705-639-5343
f. 705-639-1880
info@antownship.ca
www.antownship.ca2357 County Road 45
P.O. Box 29
Norwood, ON
K0L 2V0

August 1, 2025

Sent by E-mail

Premier of Ontario
The Honourable Doug Ford
premier@ontario.ca

Minister of Municipal Affairs and Housing
The Honourable Rob Flack
minister.mah@ontario.ca

Re: Battery Energy Storage Systems

Dear Premier and Minister,

At its regular meeting held on July 22, 2025, the Council of the Township of Asphodel-Norwood passed a resolution expressing its support for the Municipality of the Village of Burk's Falls. The resolution includes the following key points:

WHEREAS the Council of the Village of Burk's Falls, together with residents from surrounding municipalities, has expressed strong and united opposition to the proposed installation of a Battery Energy Storage System (BESS) facility, citing significant concerns regarding public safety, environmental risk, land use compatibility, and insufficient local economic benefit; and

WHEREAS the perceived risk associated with BESS installations significantly outweighs any demonstrated local advantage, and further, the lack of established, province-wide planning policies has led to avoidable conflict and uncertainty for municipalities and residents alike;

NOW THEREFORE BE IT RESOLVED THAT:

1. The Council of the Village of Burk's Falls respectfully requests that the Province of Ontario immediately suspend the approval and development of all new BESS installations until a comprehensive, science-based study is completed. Such a study should result in the development of robust, province-wide policies and regulations governing the operation, and risk mitigation of BESS facilities.
2. The Province of Ontario be urged to provide clear policy guidance to municipalities and industry stakeholders recommending that BESS installations be permitted only on lands currently zoned for industrial use, recognizing that:

- A) such lands have been previously evaluated and approved for industrial development; and
 - B) the limited economic return provided by BESS projects does not justify rezoning lands designated for other uses.
3. The Province of Ontario be further requested to disseminate the results of this study and any associated policy or regulatory recommendations to all Ontario municipalities, thereby preventing unnecessary and costly legal challenges, public opposition, and community division related to the siting of future BESS projects.
4. The Council of the Village of Burk's Falls calls upon Solar Bank Corporation to immediately withdraw its application for the proposed BESS facility at Pegg's Mountain, in the interest of fostering constructive community relations and acknowledging that this situation closely parallels the circumstances in Gravenhurst, where similar concerns led to widespread opposition and rejection of a comparable project.
5. That a copy of this resolution be forwarded to members of parliament (MPP's) and all municipalities in the province of Ontario.

Trusting Council's support will be beneficial in advancing this request.

Sincerely,



Melanie Hudson, Clerk
Township of Asphodel-Norwood



The Municipality of the
VILLAGE OF BURK'S FALLS

172 Ontario Street • PO Box 160 • Burk's Falls ON P0A 1C0
P 705-382-3138 • F 705-382-2273 • www.burksfalls.net

July 16, 2025

Premier's Office
Room 281
Legislative Building, Queen's Park
Toronto, Ontario
M7A 1A1

Dear Premier Ford,

Subject: BESS Installations in the Township of Armour Project # 903

Please be advised that the Village of Burk's Falls Council passed the following resolution at their July 15, Regular Council Meeting, formally expressing their concerns regarding the BESS Installation on Pegg's Mountain Road in the Township of Armour, project # 903

2025-244
Moved by: Ashley Brandt
Seconded by: Ryan Baptiste
Result: Carried

WHEREAS the Council of the Village of Burk's Falls, together with residents from surrounding municipalities, has expressed strong and united opposition to the proposed installation of a Battery Energy Storage System (BESS) facility, citing significant concerns regarding public safety, environmental risk, land use compatibility, and insufficient local economic benefit; and

WHEREAS the perceived risk associated with BESS installations significantly outweighs any demonstrated local advantage, and further, the lack of established, province-wide planning policies has led to avoidable conflict and uncertainty for municipalities and residents alike;

Now therefore be it resolved that:

1. The Council of the Village of Burk's Falls respectfully requests that the Province of Ontario immediately suspend the approval and development of all new BESS installations until a comprehensive, science-based study is completed. Such a study should result in the development of robust, province-wide policies and regulations governing the operation, and risk mitigation of BESS facilities.



The Municipality of the
VILLAGE OF BURK'S FALLS

172 Ontario Street • PO Box 160 • Burk's Falls ON P0A 1C0
P 705-382-3138 • F 705-382-2273 • www.burksfalls.net

2. The Province of Ontario be urged to provide clear policy guidance to municipalities and industry stakeholders recommending that BESS installations be permitted only on lands currently zoned for industrial use, recognizing that:
 - a) such lands have been previously evaluated and approved for industrial development; and
 - b) the limited economic return provided by BESS projects does not justify rezoning lands designated for other uses.
3. The Province of Ontario be further requested to disseminate the results of this study and any associated policy or regulatory recommendations to all Ontario municipalities, thereby preventing unnecessary and costly legal challenges, public opposition, and community division related to the siting of future BESS projects.
4. The Council of the Village of Burk's Falls calls upon Solar Bank Corporation to immediately withdraw its application for the proposed BESS facility at Pegg's Mountain, in the interest of fostering constructive community relations and acknowledging that this situation closely parallels the circumstances in Gravenhurst, where similar concerns led to widespread opposition and rejection of a comparable project.
5. That a copy of this resolution be forwarded to members of parliament (MPP's) and all municipalities in the province of Ontario.

Regards,

Camille Barr
Senior Administrative Assistant

Encl. cc: Minister of Municipal Affairs and Housing, Rob Flack, rob.flack@pc.ola.org; MP Scott Aitchison, Scott.Aitchison@parl.gc.ca, MPP Graydon Smith graydon.smith@pc.ola.org and all Ontario Municipalities.

AGENDA

BESS RESPONSES

1. The location selection is deeply flawed and places immense risk on not just our community but also neighbouring communities.
2. The location is too close to the river, too close to the village especially with prevailing wind, and too close to the highway.
3. The proposal has created an atmosphere of Toxic Anxiety. It is already affecting resident's mental health and the project has not even been approved yet.
4. There are almost no local economic benefits. All is remotely monitored and controlled. Response times by emergency personnel are purely estimates.
5. All bordering municipalities assume huge risks, with potential costs in legal appeals, safety studies and public discussions running up to and possibly beyond the total assessments levied over the lifetime of the installation, making it not even worth the costs of the process.
6. It is impossible to assure safety, and it's impossible to predict the amount of contamination possible. There simply is no concrete long-term data on these installations. Changes in composition of chemicals need time to be studied thoroughly and this has not happened yet.
7. We have asked the Ontario Government to limit new BESS installations to already zoned industrial land; these sites are well suited to mitigate such environmental risks and have been well-studied and assessed.
Mine sites, mill sites, old de-commissioned dump sites that already qualify for other hazardous materials are ideal for BESS and would lessen the time and expense of assessments, studies and applications. Many of these sites already have trained industrial-level fire suppression teams, hazmat equipment and retention ponds for water required for fighting serious industrial fires.
Furthermore, many of these industrial operations would clearly benefit from partnerships with BESS installations as they often require supplemental power on demand, can actually re-invest revenue from hosting BESS facilities in their operations, and offer BESS operators large areas to expand, in areas already zoned for industrial use.

AGENDA

8. Solar Bank alluded that they were discussing further 'incentives' for Armour, which implies that there is a price that Armour Council is willing to settle for in exchange for their approval, which is a deeply disturbing development indeed. No matter what's eventually offered, who is Armour to decide for everyone else on an issue of mutual environmental risk?

RESOLUTION

Whereas the Council of the Village of Burk's Falls, along with the local citizens from every neighbouring municipality who so vehemently and completely oppose the high risk-little reward resulting from hosting a BESS installation, resolves that:

1. The Province of Ontario halt all new BESS installations until such a comprehensive study can be conducted so that common sense policies surrounding the placement and operation of BESS facilities can be thoroughly understood, and proper comprehensive planning be established.
2. That the Province of Ontario provide guidance to Municipalities and the BESS industry that encourage only the use of already zoned industrial land as the facilities a) such zoned land is already approved for industrial use, and b) a BESS installation does not provide enough economic benefit to warrant changes in land zoning.
3. That the Province of Ontario provide this study and guidance to all municipalities so that these expensive and avoidable community fights over the location of BESS installations can be avoided in the future, seeing as every Ontario municipality now runs the risk of having to go through a similar legally expensive and community dividing experience.
4. That Solar Bank Inc, in the interests of good community understanding and partnership, withdraw their application for the proposed Pegg's Mountain site immediately for exactly the reasons cited recently in Gravenhurst as this situation is exactly the same.



RECEIVED

JUL 21 2025

The Municipality of the
VILLAGE OF BURK'S FALLS
TOWNSHIP OF ARMOUR

Moved By: Ashley Brandt Date: July 15, 2025

Seconded By: Ryan Baptiste Resolution # 2025-244

Be it resolved;

WHEREAS the Council of the Village of Burk's Falls, together with residents from surrounding municipalities, has expressed strong and united opposition to the proposed installation of a Battery Energy Storage System (BESS) facility, citing significant concerns regarding public safety, environmental risk, land use compatibility, and insufficient local economic benefit; and

WHEREAS the perceived risk associated with BESS installations significantly outweighs any demonstrated local advantage, and further, the lack of established, province-wide planning policies has led to avoidable conflict and uncertainty for municipalities and residents alike;

Now therefore be it resolved that:

1. The Council of the Village of Burk's Falls respectfully requests that the Province of Ontario immediately suspend the approval and development of all new BESS installations until a comprehensive, science-based study is completed. Such a study should result in the development of robust, province-wide policies and regulations governing the operation, and risk mitigation of BESS facilities.
2. The Province of Ontario be urged to provide clear policy guidance to municipalities and industry stakeholders recommending that BESS installations be permitted only on lands currently zoned for industrial use, recognizing that:
 - a) such lands have been previously evaluated and approved for industrial development; and
 - b) the limited economic return provided by BESS projects does not justify rezoning lands designated for other uses.

3. The Province of Ontario be further requested to disseminate the results of this study and any associated policy or regulatory recommendations to all Ontario municipalities, thereby preventing unnecessary and costly legal challenges, public opposition, and community division related to the siting of future BESS projects.
4. The Council of the Village of Burk's Falls calls upon Solar Bank Corporation to immediately withdraw its application for the proposed BESS facility at Pegg's Mountain, in the interest of fostering constructive community relations and acknowledging that this situation closely parallels the circumstances in Gravenhurst, where similar concerns led to widespread opposition and rejection of a comparable project.
5. That a copy of this resolution be forwarded to members of parliament (MPP's) and all municipalities in the province of Ontario.

Recorded Vote requested by: _____

Ryan Baptiste	for / opposed
Ashley Brandt	for / opposed
Sean Cotton	for / opposed
Chris Hope	for / opposed
Nancy Kyte	for / opposed

 y
Carried

Defeated

Deferred

Pecuniary Interest declared by:



Mayor



Burk's Falls & District Fire Department

Fire Chief
162 Huston Street
P.O Box 70
Burk's Falls
Ontario, P0A 1C0

RECEIVED

MAY 06 2025

TOWNSHIP OF ARMOUR

Joe Readman
To Contact Fire Chief
Call or Email
Phone: 705-783-3571
fire@ryersontownship.ca

"Fighting Fires...Through Education!"

After a thorough review of all submitted documents, reports and plans, The Burk's Falls and District Fire Department has the following comments and concerns.

Fire and Explosion risks

Although SolarBank has stated that fires and explosions are unlikely to occur, Evlo; the manufacturer states on their website

"However, while we consider our lithium iron phosphate (LFP) battery chemistry to be safer than others, no battery is perfect and thermal runaway can, in rare cases, result in fires or explosions. This makes safety precautions paramount when designing battery energy storage systems (BESS). Certification bodies such as UL and NFPA are also raising battery safety standards for the benefit of the industry."- Appendix A

With Lithium iron phosphate Batteries being the newer version of BESS available, there is very limited information in the fire service today of both historic events involving these units and provided education from the Office of the Fire Marshal. Although many mistake Lithium-ion batteries and Lithium iron phosphate, we needed to separate the two to evaluate this installation.

There is conflicting tactic in the fire service, most agree with a defensive tactic, only protecting exposures. While others side with a direct attack. SolarBanks experts expressed the need to go defensive only tactic which I agreed with. Until the products SDS was provided -Appendix B. In the SDS the Fire-Fighting Measures recommended in this document are:

Suitable Extinguishing Media:

Small fires – Dry chemical powder or foam extinguishing agents, carbon dioxide, water spray. Use extinguishing media adapted to the immediate environment.

Large fires – Water spray, fog or regular foam. Move containers from fire area if you can do it without risk. Unsuitable Extinguishing Media Do not use small quantities of water. If water spray is used, it must be applied continuously until the fire is extinguished.

Specific hazards arising from the hazardous product: The contact of water or water vapor and exposed lithium hexafluorophosphate (LiPF₆) may result in the generation of hydrogen and hydrogen fluoride (HF) gas. Fire will produce irritating, corrosive and/or toxic gases. Fumes may cause dizziness or suffocation.

Special Protective Equipment and Precautions for Fire-Fighters: Wear self-contained breathing apparatus (SCBA) and protective clothing.

At anytime during the life of this BESS we may have to commit most, if not all of our resources at this one site for a possible multiday event. This directly contradicts the proposed training and Solarbanks expert's opinion. I don't believe this is done intentionally, more that this is such new technology and is truly evolving by the day. But as the Fire Chief I must rely on the manufacture's direct information. After reviewing these documents, I believe as a Fire Department we must now prepare for the worst case scenario, a multiday large-scale event requiring the need of our Automatic Aid Partners and possibly Mutual Aid Partners.



Burk's Falls & District Fire Department

Fire Chief
162 Huston Street
P.O Box 70
Burk's Falls
Ontario, P0A 1C0

Joe Readman
To Contact Fire Chief
Call or Email
Phone: 705-783-3571
fire@ryersontownship.ca

“Fighting Fires...Through Education!”

With the current push in the fire service, with the support of the Provincial Government there are an abundance of unknowns when it come to firefighter cancers. I can not find documentation, but this is a concern I do have for our members and the members of any other station coming to assist, what are the long term negative effects during a fire event to firefighter's health.

With this installation being in the MNRF high risk area I'd like to point out to Council that in our MNRF agreement we are responsible for any fires that start in this area. This means if a large forest fire was to occur and we needed to call in the MNRF for assistance, the additional costs would fall back on the township.

Environmental Concerns

It has happened in the past, during large fire events the MOE receives complaints and contacts the fire department requesting the location of the water runoff, and what steps are being done to control that runoff from contaminating the surrounding areas.

I have asked for a water catch system or a storm water system to be installed and this has been met with data suggesting its not required, however Appendix B states the following;

Lithium battery electrolyte must not be dumped in drains, on the ground or in any other waters. Store material for disposal as indicated in section 7 Handling and storage. -Appendix B

During a fire event these Electrolytes may be released and carried in any runoff water.

Training

Solarbank has offered training which involves online training prior to any components arriving, onsite training before operation goes online and any future training needed. This would be taught by their third-party expert. My concerns are that the expert's opinions and tactics now do not line up with the SDS provided. Appendix B.

Financial impacts

Possible financial impacts that the township could face would be:

-Additional insurance cost, Ryerson township has already inquired to the insurance provider for the fire department and have been told, yes, our rates will go up if this is installed in our coverage area.

This may be the same for our automatic aid partners. Working with neighbouring departments, we have already received notice from one department that they may look for cost recovery for such an event.



Burk's Falls & District Fire Department

Fire Chief
162 Huston Street
P.O Box 70
Burk's Falls
Ontario, P0A 1C0

Joe Readman
To Contact Fire Chief
Call or Email
Phone: 705-783-3571
fire@ryersontownship.ca

"Fighting Fires...Through Education!"

Conclusion

With the technology changing by the day, we must look at the most reliable information and in my opinion that would be the source information from Evlo the manufacturer. With that, if the township does move ahead my requests would be as follows:

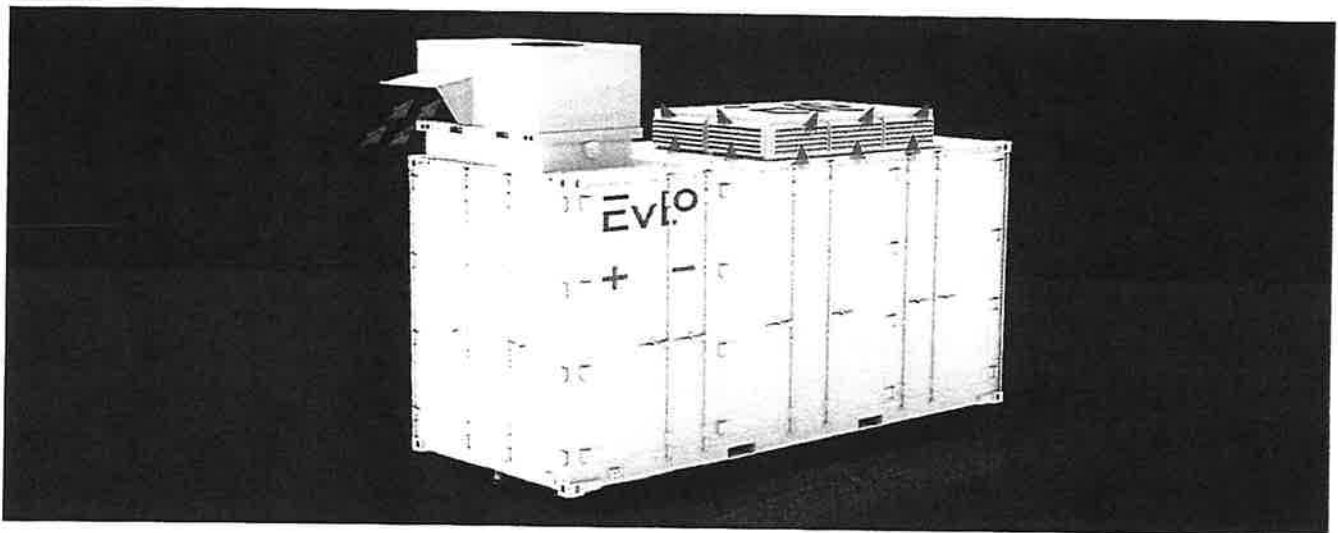
- 1) Installation of a Dry Hydrant to ensure access to unlimited amounts of water, as per SDS
- 2) A storm water system be designed and installed to catch all water run off from the site in the event of a fire, as per SDS to eliminate the township taking on this risk.
- 3) A new training program be designed based on the information given from Evlo focusing on:
 - a. Firefighting tactics- as per SDS
 - b. Air monitoring- as per hazards identified in the SDS
 - c. More defined evacuation areas based on the SDS
 - d. Specific training on the known contaminants and proper decontamination for water reactive products in the BESS system
- 4) A thorough review of the possible negative effects this installation could have during a fire event of the location of the new Fire Hall/Emergency Operations Centre and proposed medical centre.
- 5) I would like Councils permission to renegotiate our MNRF agreement at our next opportunity (next February) asking them to cover this area of response. This will be an increase financially on the township on their yearly fee to MNRF but will prevent a large payment if we needed to call in the MNRF resources during a forest fire caused by the BESS unit.
- 6) That Council formally notifies each Automatic Aid Partner that our insurance rates will be increased and that each of them should investigate. The Township of Armour should then be prepared to cover those potential cost increases as they are taking on the cost to assist us.

Appendix A

BLOG

Ensuring Fire Safety in BESS

May 9, 2023



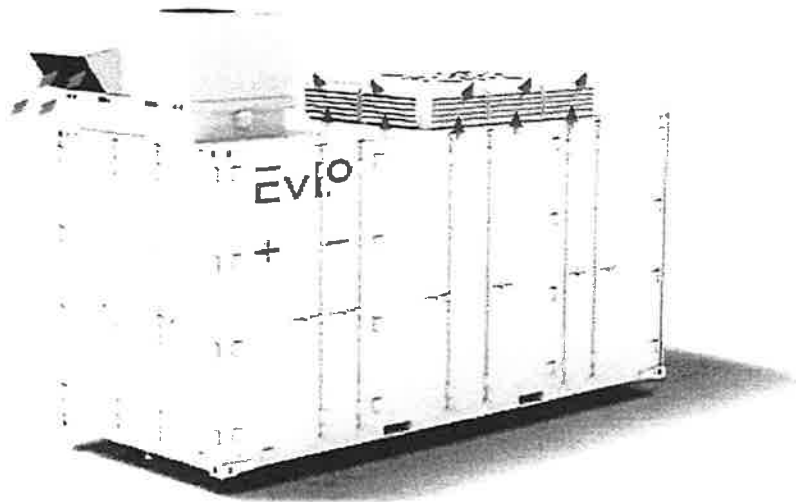
Leading-edge fire protection solutions at all levels

Evolving EVLO security technologies

As renewable energy sources like wind and solar continue to grow, utility-scale energy storage systems are essential to ensure that homes, communities, and businesses can rely on a dependable supply of clean electricity. Lithium batteries' high energy density and long lifecycle make them a common choice for utilities to back up these renewable resources.

However, while we consider our lithium iron phosphate (LFP) battery chemistry to be safer than others, no battery is perfect and thermal runaway can, in rare cases, result in fires or explosions. This makes safety precautions paramount when designing battery energy

As a subsidiary of Hydro-Quebec, EVLO's engineers are keenly aware of utilities' needs regarding safety in BESS. We've developed a unique system of technical safety features at every level of our battery system: module, rack, and enclosure. From fire detection to thermal runaway prevention, our safety mechanisms both limit the risk of thermal runaway and, in case of an event, ensure that thermal propagation will be kept to a minimum and the event remains self-contained.



Utility-Grade Safety, by Utility Professionals

EVLO's BESS are designed by engineers who are experienced with meeting utility-scale demands. Our engineers not only perform multiple simulations to create accurate models of gas emissions during thermal runaway, but also field test these designs as well. Since battery fire behavior varies extensively, they use these models to design mitigating measures for a wide variety of scenarios.

Working in collaboration with numerous globally respected and independent safety firms, we also conduct comprehensive and thorough analyses to provide further validation and confidence in our quest to build the safest BESS.

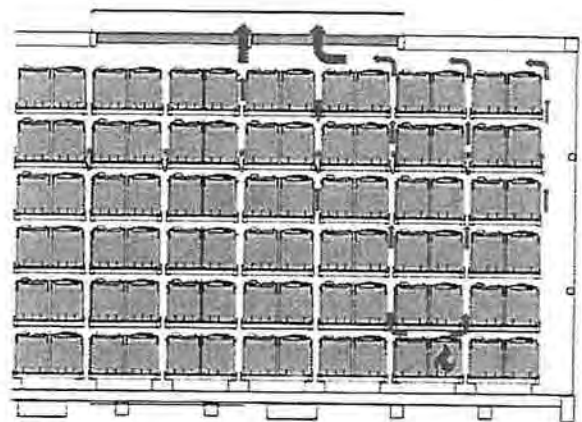
▸ Mitigation Measures at Each Level

At the module level, thermal barriers are installed between the cells to slow down and prevent propagation to neighboring cells.

Each tray contains up to six modules. At the module level, thermal barriers are installed between cells to slow down and prevent propagation to neighboring cells.

The tray level includes two forms of fire protection: double thermal barriers between each tray, and the arrangement of the trays themselves. The design creates an air gap between each tray. In case of thermal runaway, this gap functions as a chimney by providing a path for gas release that avoids contact with nearby trays, therefore limiting temperature increase on neighboring modules.

At the enclosure level, there are hundreds of sensors as well as proprietary-designed venting panels. Once these sensors detect excess heat, smoke, or hydrogen, they trigger the active mitigation plan: the HVAC goes into Economizer Mode and forces fresh air in from outside the enclosure. Simultaneously, the venting panels open to release hot gas from the enclosure.



This system works even during power outages, since the venting panels include a failsafe mechanism. In this condition, natural convection alone is enough to meet the performance requirements of NFPA 69.

Why We Chose a Layered Approach to Fire Safety

One reason we chose to integrate both active and passive safety approaches with our BESS design is simple: to ensure that our BESS are as safe as possible.

by NFPA 688, which approves two options to manage thermal runaway. NFPA 687 describes active approaches such as ours, in which the chimney-like design and vents provide ventilation for gas release. NFPA 68 details a passive approach that includes deflagration panels on the container.

Deflagration panels are sheets of metal that open and release pressure in case of an explosion. This method requires that the container's design withstand the initial pressure buildup, which ultimately tears the deflagration panel apart and releases the pressure. The process still allows an explosion, which doesn't allow for individual unit testing (because the process would destroy that unit). The resulting destruction makes it impossible to ensure that this method will work as intended for each unit.

These drawbacks led us to base our fire mitigation approach on NFPA 69, which makes use of sensors, can be tested on a unit-by-unit basis, and is designed to prevent explosions. Our approach also goes beyond NFPA 69's requirements because we add passive fire mitigation elements on top of our active strategies. Namely, the failsafe venting panels open by themselves to release pressure even during a power outage. We call this approach NFPA 69++.

Our fire mitigation designs also offer flexibility depending on users' different preferences and requirements. For example, some may need extra sensors, while others may want a different type of detection sensors depending on their climate or requirements. Our engineers can adapt these to meet the most stringent safety standards.

The Most Thorough BESS Fire Prevention Testing Possible

Like all reputable BESS systems, our EVLO systems are tested using the UL 9540A test procedure – but we go far beyond the minimum requirements to ensure that our batteries are as safe as possible.

The UL 9540A test procedure is a set of tests for each succeeding level: cell, module, unit, and system. Currently, the minimum level lithium-ion batteries must pass is the unit level, so many lithium batteries are only tested up to that level. However, this level does not provide a full engineering validation because it doesn't test all the safety features that must be implemented to meet the requirements of NFPA 855 68 and 69 sections.

cell, the module, the unit, the enclosure, detection hardware, mitigation hardware, and software. That's why we have developed our own Engineering Validation Plan consisting of a large scale fire test on a fully functional enclosure following UL 9540A system-level guidelines. This test validates the performance as well as active, passive and gas ignition modes.

So for us, UL 9540A testing is just one part of the complete Engineering Validation Plan that we provide for our products. Testing the entire system in real-life conditions ensures that our fire mitigation measures will perform reliably on our customer's sites under any circumstances.

Keeping Firefighters Safe with Distant Fire Resolution

In most cases, our mitigation strategies end thermal runaway by evacuating gasses via the opened venting panels. The fire resolves itself without any need for extinguishing agents such as water, and operators can then replace the module and fuse to regain a functional system.

With this solution, firefighters aren't usually needed onsite as the fire is fully contained.

However, to provide maximum flexibility in safety measures, we also offer an optional dry pipe system inside the container. These pipes allow firefighters to connect to the Fire Department Connection (FDC) located away from the enclosure. Once the water's connected, it spreads sufficiently throughout the enclosure without flooding it. This limits the temperature rise and prevents the fire from spreading to nearby enclosures. If customers desire additional measures, the dry pipe option provides an extra layer of safety by enabling first responders to deal with out-of-control fires while keeping a safe distance and maintaining personnel safety.

BESS Systems That Put Safety First

From product design through testing and performance, we've worked to make EVLO's BESS solutions the safest possible. Designed by engineers with extensive experience in utility environment and module design, they incorporate tailored fire mitigation measures at the module through the enclosure level. In addition to active mitigation measures that surpass NFPA 69 requirements, we've included passive measures that work even during loss

Appendix B

EVLOFLEX

1. Identification

Product Identifier:	EVLOFLEX
Other Means of Identification:	Lithium Batteries Installed in a Cargo Transport Unit
Recommended Use and Restrictions on Use:	Energy Storage System by batteries
Initial Supplier Identifier:	EVLO Energy Storage Inc. 1804 Boul. Lionel-Boulet Varennnes, Qc, Canada, J3X 1S1 + 1-450-400-1414 info@evloenergie.com https://evloenergy.com/
Emergency Telephone Number (Hours of Operation):	+ 1-514-289-2211 (Monday to Friday, 8:30 a.m. to 4:30 p.m.)

2. Hazard Identification

Classification of the Product	This product is exempt from hazard classification according to the Hazardous Products Act. This product is not subject to the Workplace Hazardous Materials Information System (WHMIS) and the Globally Harmonized System (GHS) classification.
GHS Information Elements :	
Hazard Pictogram(s) :	Not Applicable
Signal Word :	Not Applicable
Hazard Statements :	Not Applicable
Precautionary Statement :	
Prevention :	Not Applicable
Response :	Not Applicable
Storage :	Not Applicable
Disposal :	Not Applicable
Other know Hazards :	This product is safe under normal use. Exposure to the ingredients of the lithium batteries it contains, or to their combustion products, may be hazardous. The risk of exposure only occurs if the lithium batteries inside the storage system have been damaged mechanically, thermally or electrically, and the battery casing breaks.

3. Composition/Information on Ingredients

Substance or Mixture :	Mixture
-------------------------------	---------

Chemical Name :	Not Applicable
Common Name and Synonyms	Energy Storage System by batteries, Lithium Batteries Installed in a Cargo Transport Unit, EVLOFLEX,
Formula	Not Applicable

Component	CAS Number	Concentration (% weight)
Lithium Battery		
Lithium iron phosphate	156-21-8	40.3
Graphite	7782-42-5	21.5
Copper	7440-50-8	9.86
Ethyl methyl carbonate	623-53-0	9.6
Ethylene carbonate	96-49-1	6.3
Aluminium	7429-90-5	4.68
Lithium hexafluorophosphate	21324-40-3	2.9
Polypropylene	9003-07-0	2.14
Dimethyl carbonate	616-38-6	1.5
Aluminium/Polypropylene film	Not applicable	1.22

4. First Aid Measures

Description of Necessary First Aid Measures:

If contact with the internal contents of an open lithium battery cell:

Inhalation :

Move the person to a well-ventilated area and keep them in a position where they can comfortably breathe. If not breathing, give artificial respiration. Consult a doctor.

Ingestion :

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call Poison Control Center or a doctor.

Skin Contact :

Take off immediately all contaminated clothing. Rinse skin with plenty of water for several minutes. If irritation persists, consult a doctor.

Eye Contact :

Rinse eyes with plenty of water. Remove contact lenses if easily possible. Continue to rinse. Neutral saline solution may be used for rinsing if available. If irritation persists, consult a doctor.

Most Important Symptoms and Effects:

Direct contact with internal electrolyte gel may cause severe eye damage or blindness, and skin irritation or burns. Vapors or mist may irritate eyes, mucous membranes and respiratory tract. Exposure may cause nausea, dizziness and headaches.

Indication of Immediate Medical Attention and Special Treatment Needed:

No further relevant information available.

5. Fire-Fighting Measures

Suitable Extinguishing Media :

Small fires – Dry chemical powder or foam extinguishing agents, carbon dioxide, water spray. Use extinguishing media adapted to the immediate environment.

Large fires – Water spray, fog or regular foam. Move containers from fire area if you can do it without risk.

Unsuitable Extinguishing Media

Do not use small quantities of water. If water spray is used, it must be applied continuously until the fire is extinguished.

Specific hazards arising from the hazardous product:

The contact of water or water vapor and exposed lithium hexafluorophosphate (LiPF₆) may result in the generation of hydrogen and hydrogen fluoride (HF) gas. Fire will produce irritating, corrosive and/or toxic gases. Fumes may cause dizziness or suffocation.

Special Protective Equipment and Precautions for Fire-Fighters:

Wear self-contained breathing apparatus (SCBA) and protective clothing.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

The material contained in the batteries is only released if the battery is mechanically, thermally or electrically damaged, and the battery casing breaks.

For Non-Emergency Personnel:

Avoid contact with the product. Avoid inhalation of vapours. Evacuate hazardous area and follow emergency procedures.

For Emergency Responders:

Protective clothing, gloves, safety glasses and wear an approved self-contained breathing apparatus. Ensure adequate ventilation. Remove all sources of ignition.

Environmental Precautions:

Do not allow electrolyte to enter sewers or soil. Do not let product enter drains.

Methods and Materials for Containment and Cleaning up:

Cover drains. Avoid an additional spill or leak, if is safe. If the electrolyte leaks, use soil, sand, vermiculite or other non-combustible materials to absorb it. Leaking batteries and dirty adsorbents should be placed in metal containers. Dispose of materials in accordance with local, provincial or federal regulations.

7. Handling and Storage

Precautions for Safe Handling:

Handling Advice

Operators should be trained and strictly abide by operating procedures. Do not open, disassemble, crush, perforate or burn the cells. Do not expose cell to temperatures outside the range -40°C to 80°C. Keep away from ignition sources, flame and sparks. Work in a well-ventilated area.

Hygiene Measures

Wear adequate protective clothing and safety glasses. Remove metal accessories, rings and other jewelry when handling powered batteries.

Conditions for Safe Storage, Including and Incompatibilities:

Store cell in a dry and well-ventilated place with minimal temperature change. It is recommended that the cells be kept at room temperature (25°C +/- 5°C). Keep away from ignition sources, heat and flame. Do not store near to strong oxidizing, combustible materials and corrosives. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Control Parameter :

Airborne exposures to hazardous substances are not expected when product is used for its intended purpose. The following values are for substances in the lithium batteries which have exposure values.

Components	Value	Control Parameters	Basis
Graphite	TWAEV	2 mg/m ³	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
	TWA	2.5 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	TWA	2.5 mg/m ³	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
Cooper	TWAEV	Dust : 1 mg/m ³ Smoke : 0.2 mg/m ³	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
	TWA	Dust : 1 mg/m ³ Smoke : 0.1 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	TWA	Dust : 1 mg/m ³ Smoke : 0.1 mg/m ³	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Appropriate Engineering Controls :

Handle in accordance with good industrial hygiene practices and safety procedures. Use local exhaust ventilation or other engineering controls to control sources of dust, mist, fume and vapor.

Individual Protection Measures :

Eyes

Not necessary under normal conditions. In the event of battery breakage or leakage, wear safety glasses when handling batteries.

Skin

Not necessary under normal conditions. In the event of battery breakage or leakage, wear neoprene or natural rubber gloves. Change disposable gloves within 30 minutes of obvious electrolyte contamination. Remove dirty gloves using proper technique. Do not touch the outer surface of the glove. Safety boots are recommended.

Inhalation

Not necessary under normal conditions. In the event of battery breakage or leakage, use a self-contained

breathing apparatus (SCBA) or a mask with positive pressure air supply approved by NIOSH or equivalent.

Other

Do not eat, drink or smoke in work area. Wash hands before breaks and at the end of the working day.



9. Physical and Chemical Properties

Physical state:	Solid
Particle characteristics	Cell
Colour:	Not Applicable
Odour:	Odorless
pH:	Not Applicable
Melting point:	Not Applicable
Freezing point:	Not Applicable
Boiling point:	Not Applicable
Flash point	Not Applicable
Flammability:	Contains flammable materials
Upper and lower flammability or explosive limits:	Not Applicable
Vapour pressure:	Not Applicable
Vapour density:	Not Applicable
Relative density:	Not Applicable
Solubility:	Insoluble
Partition coefficient -n-octanol/water:	Not Applicable
Auto-ignition temperature:	Not Applicable
Decomposition temperature:	90°C
Viscosity:	Not Applicable

10. Stability and Reactivity

Reactivity :

Considered non-reactive under normal conditions of use at ambient temperature.

Chemical Stability :

Sealed and normally functioning power cells are considered stable.

Possibility of Hazardous Reaction :

In the event of leakage, a violent reaction may occur when in contact with hot and concentrated acid, strong oxidizers and water.

Conditions to Avoid :

Avoid exposing the cell to fire or temperatures above 80°C. Do not disassemble, crush, short or install with

incorrect polarity. Avoid mechanical or electrical abuse.

Incompatibles Materials :

Strong bases, combustible materials, reducing agents, strong oxidizing agents, corrosive materials, water or other conductive liquids.

Hazardous Decomposition Products:

This material may release toxic fumes if burned or exposed to fire. Breaching of the cell may lead to generation of hazardous fumes which may include extremely hazardous hydrofluoric acid.

11. Toxicological Information

Likely Routes of Exposure :

Inhalation

None under normal conditions of use. Inhalation may occur if vapors are generated by heat or if cell integrity is compromised. Inhalation of vapours may cause irritation of the upper respiratory tract and lungs.

Ingestion

None under normal conditions of use. Ingestion may occur only if cell integrity is compromised. Ingestion may cause severe chemical burns of the mouth, esophagus and digestive tract.

Skin Contact

Non-irritating to skin under normal conditions of use. Battery electrolyte may cause skin irritation.

Eyes Contact

Non-irritating to skin under normal conditions of use. Battery electrolyte may cause skin irritation. Battery electrolyte may cause eye irritation. Battery electrolyte may cause eye irritation.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Not Available

Delayed and immediate effects, and chronic effects from short term and long-term exposure

Normal safe handling of this product will not result in exposure to substances that are considered human carcinogens.

Numerical Measures of Toxicity :

Not Available

12. Ecological Information

Ecotoxicity :

Aquatic Toxicity : :

Not Available

Terrestrial Toxicity :

Not Available

Persistence and Degradability:

Not readily biodegradable

Bioaccumulative Potential :

Not Available

Mobility in Soil:

Not Available

Other Adverse Effects:

Batteries and cells released into the environment degrade slowly and may release toxic or harmful substances. Batteries must be disposed of or recycled in accordance with local regulations.

13. Disposal Considerations

Disposal Methods :

Recycling of batteries, cells and energy storage system components is encouraged. Recycle and dispose of waste materials at an approved waste management facility, in accordance with local, state or provincial and federal laws and regulations. Do not dispose of a used battery or cell, or any part of the energy storage system, in the dump. Lithium battery electrolyte must not be dumped in drains, on the ground or in any other waters. Store material for disposal as indicated in section 7 Handling and storage.

Canada: Dispose of in accordance with local, state and federal laws and regulations. Consult the Cross-border Movement of Hazardous Waste and Hazardous Recyclable Material Regulations.

USA: Dispose of in accordance with local, state and federal laws and regulations. See Universal/Hazardous Waste Regulations for information on disposal of used batteries. In the event of battery leakage or opening, consult hazardous waste regulations under the U.S. Environmental Protection Agency's Resource Conservation and Recovery Act (RCRA).

EU: Waste must be disposed of in accordance with relevant EC Directives and national, regional and local environmental control regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. Transport Information

	TDG	DOT	ADR	IMDG	IATA
UN Number	UN3536	UN3536	UN3536	UN3536	UN3536
Proper Shipping Name	Lithium batteries installed in cargo transport unit	Lithium batteries installed in cargo transport unit	Lithium batteries installed in cargo transport unit	Lithium batteries installed in cargo transport unit	Lithium batteries installed in cargo transport unit
Class	9 	9 	9 	9 	9
Packing Group	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Marine Pollutant	No	No	No	No	No
Additional information	UN3536 – TDGR article 2.2 (4)	Special provision: 389	Special provision: 389	S. P.: 389 EMS: F-A, S-I; Category A	Forbidden

Special handling instructions :

TDG

Use crane that can handle safely 65,000 lbs (estimated). Use four points at each corner on top of the container. Forklift of 65,000 lbs capacity can also be used.

UN3536 is not included in the RTMD, but a consignor may use the appropriate

classification in the ICAO Technical Instructions, the IMDG Code or the UN Recommendations to transport dangerous goods within Canada by a road vehicle, a railway vehicle or a vessel on a domestic voyage if these Regulations or the document from which the classification is taken does not forbid their transport. TDGR Article 2.2(4)	
DOT	This entry only applies to lithium ion batteries installed in a cargo transport unit and designed only to provide power external to the cargo transport unit. Hazardous materials necessary for the safe and proper operation of the cargo transport unit (e.g., fire extinguishing systems and air conditioning systems), must be properly secured to or installed in the cargo transport unit and are not otherwise subject to this subchapter.
ADR	This entry applies to lithium-ion batteries installed in cargo transport unit and designed only to provide power external to the cargo transport unit. Dangerous goods necessary for safe and proper operation of the cargo transport unit (e.g. fire extinguishing systems and air-conditioning systems) shall be properly secured to or installed in the cargo transport unit, and are not otherwise subject to ADR
IMDG	This entry applies to lithium-ion batteries installed in cargo transport unit and designed only to provide power external to the cargo transport unit. Dangerous goods necessary for safe and proper operation of the cargo transport unit (e.g. fire extinguishing systems and air-conditioning systems) shall be properly secured to or installed in the cargo transport unit, and are not otherwise subject to this Code.
IATA / ICAO	Typically, this applies to lithium ion batteries installed into multi-modal shipping containers (cargo transport unit) where the completed unit acts as a large storage battery. The completed unit will contain lithium ion batteries plus battery management systems and may include air conditioning and a fire suppression system.

15. Regulatory Information

GHS	This SDS has been completed in accordance with GHS Rev10 (2023)
TDG	This product has been classified in accordance with IATA, IMDG, ADR and TDGR transport regulations.
WHIMIS	This product has been classified in accordance with the hazard criteria of the HPR and the safety data sheet contains all the information required by the HPR.

TSCA	<table> <tr> <th>Substances</th><th>TSCA Inventory ID#</th></tr> <tr> <td>Lithium Battery</td><td></td></tr> <tr> <td>Lithium iron phosphate</td><td>19744</td></tr> <tr> <td>Graphite</td><td>15375</td></tr> <tr> <td>Copper</td><td>14994</td></tr> <tr> <td>Ethyl methyl carbonate</td><td>6088</td></tr> <tr> <td>Ethylene carbonate</td><td>1553</td></tr> <tr> <td>Aluminium</td><td>14935</td></tr> <tr> <td>Lithium hexafluorophosphate</td><td>21960</td></tr> <tr> <td>Diméthyl carbonate</td><td>5895</td></tr> </table>	Substances	TSCA Inventory ID#	Lithium Battery		Lithium iron phosphate	19744	Graphite	15375	Copper	14994	Ethyl methyl carbonate	6088	Ethylene carbonate	1553	Aluminium	14935	Lithium hexafluorophosphate	21960	Diméthyl carbonate	5895
Substances	TSCA Inventory ID#																				
Lithium Battery																					
Lithium iron phosphate	19744																				
Graphite	15375																				
Copper	14994																				
Ethyl methyl carbonate	6088																				
Ethylene carbonate	1553																				
Aluminium	14935																				
Lithium hexafluorophosphate	21960																				
Diméthyl carbonate	5895																				

16. Other Information

Glossary :

ADR	Agreement Concerning the International Carriage of Dangerous Goods by Road
DOT	Department of Transport U.S.
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
HPR	Hazardous Products Regulations
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
OHS	Occupational Safety and Health Administration
ICAO	International Civil Aviation organization
ROHS	Regulation respecting occupational health and safety
TDG	Transportation of Dangerous Goods
TDGR	Transportation of Dangerous Goods Regulations
TSCA	Toxic substances control act
TWA	Time-Weighted Average
TWAEV	Time-Weighted Average Exposure Value
WHIMIS	Workplace Hazardous Materials Information System

References :

CCOHS	https://www.ccohs.ca/index.html
CNESST	https://www.cnesst.gouv.qc.ca/en
HPR	https://laws-lois.justice.gc.ca/eng/regulations/SOR-2015-17/
ROHS	https://www.legisquebec.gouv.qc.ca/en/document/cr/s-2.1,%20r.%2013
TDGR	https://laws-lois.justice.gc.ca/eng/regulations/SOR-2001-286/
SGH Rev. 10, 2023	https://unece.org/transport/dangerous-goods/ghs-rev10-2023

SDS Information

Version :	1
Date :	2023-02-01
By	CFT Canada

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

APR 25 2025

TOWNSHIP OF ARMOUR

Mayor Ward and Council Armour Township

Date : April 16, 2025

regarding : Solarbank Corporation/ property owner David Creasor
219 Peggs Mountain Rd.
Concession 6, part lot 3
Township of Armour

My wife and I have been residents of Armour Township residing on Peggs Mountain Road for many decades. We are seniors living out our golden years so to speak.

The tranquil environment of rolling hills and wetlands filled with a huge variety of wild life is in jepordy with this application to place toxic lithium battery products in our neighborhood.

It has come to my attention that the generation of power at this location provides electricity to the grid in Sprucedale and not to our local township. Let that village provide the space for this technology.

The public presentation by the company at the Katrine community center was somewhat less than fullfilling to say the least.

No mention was made of the extra liability insurance carried by the land owner and the Quebec company for the high risk of these products.

The toxic polution of our wetlands and watershed is at high risk. These resources are too valuable to put in harm's way.

Our volunteer fire services are trained to assist in dangerous scenarios. However, it is well known that usual firefighting apparatus is not effective with lithium fires. Our men and women need not be put in harm;s way for the monetary reward of a firm in Quebec.

The [property owner should be carrying a higher load insurance due to the high risk. I am not aware if this property is zoned commercial. It seems like farm land to me.

As passive seniors we seek peace and quiet in a tranquil setting. That we enjoy at present. This potential installation has the possibility of a disaster waiting to happen.

My wife and I are opposed to this installation that puts out safety and well being at risk. Your support to deny this application is appreciated.

A handwritten signature in cursive script that reads "David Schmeler".

David Schmeler

A handwritten signature in cursive script that reads "Jean Schmeler".

Jean Schmeler

RECEIVED
APR 23 2025
TOWNSHIP OF ARMOUR



SAY NO TO LITHIUM BATTERY STORAGE IN ARMOUR TOWNSHIP!

1. SIGN THE PETITION IN PERSON OR ONLINE.

clerk@armourtownship.ca to express your opinion and ask questions.

Visit Armour Township's website for information regarding the proposed BESS.

Full Name	City & Province	Phone Number	Signature
FRANK MIDDLEBURY B.F. ONT	B.F. ONT		Frank Middlebury
KEN & SONIA B.F.	B.F.		Ken & Sonia
KIRK-GAIL B.V.E.	B.V.E.		Kirk & Gail
IRENE & TIM B.F. ONT	B.F. ONT		Irene & Tim
N. BROWN	MARK'S FALLS		N. Brown
M. TOPA	1		M. Topa
J. ARMSTRONG	TOWN		J. Armstrong

Full Name	City & Province	Phone Number	Signature

Charlene Watt (Deputy Clerk)

From: Linda Timms
Sent: April 24, 2025 10:35 PM
To: Charlene Watt
Subject: Proposed Lithium Battery Energy Storage System

To the attention of;
Charlene Watt, Clerk
Township of Armour

My name is Linda Timms and I am writing you in regards to the Lithium Bess being proposed at 219 Peggs Mountain Road.

I believe that it is only a matter of time that there will be more and more systems like this and or similar in the future throughout various communities.

However, I am strongly against the location being proposed. The proposed location is far too close to homes, waterways, valuable land, a major highway and the town of Burks Falls.

I believe that the proposed BESS should be in a location where none of these above mentioned issues will be disturbed or at a possible high risk. More research needs to be done in regards to other locations such as an abandoned or non used quarry.

As a resident of Township of Armour I would like to Thank you for giving me the opportunity to submit my thoughts regarding this important matter.

Linda Timms

Mayor Ward and Council Armour Township
re: Solarbank Corporation/ Property owner 219 Peggs Mountain Road
Concession 6, part lot 3. Armour Township

regarding an application to permit a lithium battery storage system on the property.

Be advised that I am opposed to such an installation in our township.

At a recent public meeting the information presented seemed to be hiding some critical facts pertinent to the reality at hand.

Such storage systems are hazardous, toxic, and a danger to the environment.

Fires from these devices are spontaneous. Our fire service do not have the equipment nor the training to fight these inevitable disasters.

The toxic waste from these fires will endanger wildlife and the surrounding wetlands and watershed, All 3 solar farms are situated that waste flow will go directly into our water ways

It is my understanding that the energy produced will feed the the grid in Sprucedale and not Armour Township. Let that village have their environment threatened.

At the recent public meeting the issue of liability insurance was silent both for the company and the land owner.

It was obvious to me that this proposal is profit motivated. If things go wrong the land owner quickly goes bankrupt and the company disappears back to Quebec and out township is left hold the old bag.

Should the provincial government push for this installation We should urge the location be moved to Sprucedale as the grid is supplied there and not in Armour Township.

The American experience demonstrated at the Katrina meeting clearly showed these elements to be extremely hazardous. The self declared U.S. expert on fire suppressant suggests that Just let the lithium batteries burn is clearly not a viable strategy for any toxic disaster.

OVER

1 ERN RUMFORD

RECEIVED

APR 23 2025

HH

TOWNSHIP OF ARMOUR



Village of South River
Burk's Falls – BESS Installation

Date: April 8, 2025

Motion Number: 121-2025

Moved By: [Signature]

Seconded By: [Signature]

BE IT RESOLVED THAT the Council of the Village of South River does hereby support Burk's Falls Resolution # 2025-91 opposing a Battery Energy Storage System (BESS) development near urban areas and waterways, specifically the site plan proposed by Solar Bank Inc. for a BESS installation at Concession 6, Part Lot 3 on Pegg's Mountain Road and further that this resolution be circulated to all neighbouring municipalities in the Almaguin Highlands, MP Scott Aitchison, MPP Graydon Smith and the Ontario Minister of the Environment Hon. Andrea Khanjin.

Carried By: [Signature]

Lost By: _____

APR 22 2025

TOWNSHIP OF ARMOUR

Mayor Ward and Council Armour Township
re: Solarbank Corporation/ Property owner 219 Peggs Mountain Road
Concession 6, part lot 3. Armour Township

regarding an application to permit a lithium battery storage system on the property.

Be advised that I am opposed to such an installation in our township.

At a recent public meeting the information presented seemed to be hiding some critical facts pertinent to the reality at hand.

Such storage systems are hazardous, toxic, and a danger to the environment.

Fires from these devices are spontaneous. Our fire service do not have the equipment nor the training to fight these inevitable disasters.

The toxic waste from these fires will endanger wildlife and the surrounding wetlands and watershed.

It is my understanding that the energy produced will feed the the grid in Sprucedale and not Armour Township. Let that village have their environment threatened.

At the recent public meeting the issue of liability insurance was silent both for the company and the land owner.

It was obvious to me that this proposal is profit motivated. If things go wrong the land owner quickly goes bankrupt and the company disappears back to Quebec and our township is left hold the old bag.

Should the provincial government push for this installation We should urge the location be moved to Sprucedale as the grid is supplied there and not in Armour Township.

The American experience demonstrated at the Katrina meeting clearly showed these elements to be extremely hazardous. The self declared U.S. expert on fire suppressant suggests that just let the lithium batteries burn is clearly not a viable strategy for any toxic disaster.

My information from a reliable source advises that we have no equipment in Canada capable to extinguish these fires.

Thank you for the opportunity to express me views. Good luck with you deliberations.

James Shaw

Burks Falls
P0A 1C0

Charlene Watt (Deputy Clerk)

From: D Allen
Sent: April 20, 2025 10:31 AM
To: Charlene Watt
Subject: ATTENTION: CHARLENE

Hi Charlene,

I have serious concerns over the Lithium Battery Storage Facility being built near Burks Falls. The possible dangers it poses to our environment and to our safety makes me question how this idea ever became something that could actually be considered. I strongly oppose the construction of this facility.

Sincerely,
Debi Allen

Catrine, Ontario. POA 1L0

Charlene Watt (Deputy Clerk)

From: Cassandra Balesdent *
Sent: April 18, 2025 1:46 PM
To: Charlene Watt; admin@ryersontownship.ca; info@southriver.ca;
admin@mcmurrichmonteith.com; admin@mckellar.ca; Scott.Aitchison@parl.gc.ca
Subject: Proposed BESS facility in Armour

Dear whom it may concern,

I believe that the risk of this proposed facility in Armour Township far outweighs the benefits of having this facility in our pristine country that neighbours Algonquin Park. This facility is to be placed right beside the Magnetawan river which is the main water source for the town of Burk's Falls and runs right into Algonquin Park which has many protected species including a diverse range of flora and fauna. Some of these species include the at risk bald eagle, eastern wolf, and the shortjaw cisco. If this facility were to malfunction which can happen as they are more prone to catastrophic explosions because when they fail they off-gas more hydrogen and create an explosive atmosphere more quickly. These batteries produce extremely toxic and flammable gases when they have a thermal runaway. These gases include Hydrogen Fluoride (which is harmful to all life if inhaled in large amounts can cause death), Carbon Monoxide (CO) and other gases. When humidity and water are added to Hydrogen fluoride it dissolves to create a toxic acid called Hydrofluoric acid. If this were to get into the river it would affect all life in the body of water including aquatic life. This chemical also contaminates groundwater and the soil. When Hydrogen Fluoride is exposed to water, steam, iron or steel it creates toxic and corrosive gases. On top of the risks that come along with the BESS facility being placed here there is the call to question the viability of this company Solarbank Corporation which has only been in operation since 2022. Before this they were known as Abundant Solar Energy Inc which was started in 2013 and before that they were 2389017 Ontario Inc. I believe that these facilities have not been around long enough and/or tested enough to be putting this facility in a place with such beauty and nature that would be greatly affected by this. We need to protect those that do not have a voice and the ones that will suffer the most from this plant which would be the beautiful plants and animals that call Armour their home.

Sincerely a concerned citizen of Burks Falls,
Cassandra Balesdent

<https://nj.gov/health/eoh/rtkweb/documents/fs/3759.pdf>



Right to Know Hazardous Substance Fact Sheet

Common Name: **HYDROGEN FLUORIDE**

Synonyms: Fluoric Acid; HFA

Chemical Name: Hydrofluoric Acid

Date: April 2009

Revision: February 2017

CAS Number: 7664-39-3

RTK Substance Number: 3759

DOT Number: UN 1052

Description and Use

Hydrogen Fluoride is a colorless, fuming liquid or gas with a strong, irritating odor. It is used in etching glass and in making other chemicals, including gasoline. It is also used as a catalyst and in fluoridating water.

▶ ODOR THRESHOLD = 0.04 ppm

- ▶ Odor thresholds vary greatly. Do not rely on odor alone to determine potentially hazardous exposures.

Reasons for Citation

- ▶ **Hydrogen Fluoride** is on the Right to Know Hazardous Substance List because it is cited by OSHA, ACGIH, DOT, NIOSH, DEP, IARC, NFPA and EPA.
- ▶ This chemical is on the Special Health Hazard Substance List.

SEE GLOSSARY ON PAGE 5.

FIRST AID

Eye Contact

- ▶ Immediately flush with large amounts of water for at least 30 minutes, lifting upper and lower lids. Remove contact lenses, if worn, while flushing. Seek medical attention immediately.

Skin Contact

- ▶ Immediately flush with large amounts of water. Continue flushing while removing clothing. Apply 2.5% *Calcium Gluconate* gel to the affected skin. Massage the gel into the skin while wearing rubber gloves. Continue to reapply and massage until pain is entirely relieved. Seek medical assistance immediately.

Inhalation

- ▶ Remove the person from exposure.
- ▶ Begin rescue breathing (using universal precautions) if breathing has stopped and CPR if heart action has stopped.
- ▶ Transfer promptly to a medical facility.
- ▶ Medical observation is recommended for 24 to 48 hours after breathing overexposure, as pulmonary edema may be delayed.

EMERGENCY NUMBERS

Poison Control: 1-800-222-1222

CHEMTREC: 1-800-424-9300

NJDEP Hotline: 1-877-927-6337

National Response Center: 1-800-424-8802

EMERGENCY RESPONDERS >>>> SEE LAST PAGE

Hazard Summary

Hazard Rating	NJDHSS	NFPA
HEALTH	-	4
FLAMMABILITY	-	0
REACTIVITY	-	1
CORROSIVE POISONOUS GASES ARE PRODUCED IN FIRE		

Hazard Rating Key: 0=minimal; 1=slight; 2=moderate; 3=serious; 4=severe

- ▶ **Hydrogen Fluoride** can affect you when breathed in and may be absorbed through the skin.
- ▶ **Hydrogen Fluoride** is a CORROSIVE CHEMICAL and contact can severely irritate and burn the skin and eyes with possible permanent damage.
- ▶ Contact can irritate the nose and throat.
- ▶ Inhaling **Hydrogen Fluoride** can irritate the lungs. Higher exposures may cause a build-up of fluid in the lungs (pulmonary edema), a medical emergency.
- ▶ Exposure to **Hydrogen Fluoride** can cause headache, dizziness, nausea and vomiting.
- ▶ Very high exposure can cause *Fluoride* poisoning with stomach pain, weakness, convulsions, collapse and death.
- ▶ **Hydrogen Fluoride** may damage the liver and kidneys.
- ▶ Long-term exposure to very high concentrations can cause deposits of *Fluoride* in the bones and teeth, a condition called "*Fluorosis*."
- ▶ The above health effects do NOT occur at the level of *Fluoride* used in water for preventing cavities in teeth.

Workplace Exposure Limits

OSHA: The legal airborne permissible exposure limit (PEL) is **3 ppm** averaged over an 8-hour workshift.

NIOSH: The recommended airborne exposure limit (REL) is **3 ppm** averaged over a 10-hour workshift and **6 ppm**, not to be exceeded during any 15-minute work period.

ACGIH: The threshold limit value (TLV) is **0.5 ppm** averaged over an 8-hour workshift and **2 ppm**, not to be exceeded during any part of the working exposure.

- ▶ The above exposure limits are for air levels only. When skin contact also occurs, you may be overexposed, even though air levels are less than the limits listed above.

Determining Your Exposure

- ▶ Read the product manufacturer's Material Safety Data Sheet (MSDS) and the label to determine product ingredients and important safety and health information about the product mixture.
- ▶ For each individual hazardous ingredient, read the New Jersey Department of Health Hazardous Substance Fact Sheet, available on the RTK Program website (<http://nj.gov/health/workplacehealthandsafety/right-to-know/>) or in your facility's RTK Central File or Hazard Communication Standard file.
- ▶ You have a right to this information under the New Jersey Worker and Community Right to Know Act, the Public Employees Occupational Safety and Health (PEOSH) Act if you are a public worker in New Jersey, and under the federal Occupational Safety and Health Act (OSHA) if you are a private worker.
- ▶ The New Jersey Right to Know Act and the PEOSH Hazard Communication Standard (N.J.A.C. 12:100-7) requires most employers to label chemicals in the workplace and requires public employers to provide their employees with information concerning chemical hazards and controls. The federal OSHA Hazard Communication Standard (29 CFR 1910.1200) requires private employers to provide similar information and training to their employees.

This Fact Sheet is a summary of available information regarding the health hazards that may result from exposure. Duration of exposure, concentration of the substance and other factors will affect your susceptibility to any of the potential effects described below.

Health Hazard Information

Acute Health Effects

The following acute (short-term) health effects may occur immediately or shortly after exposure to **Hydrogen Fluoride**:

- ▶ **Hydrogen Fluoride** can severely irritate and burn the eyes with possible permanent damage.
- ▶ Contact can cause irritation and severe skin and deep tissue burns. The burn may occur hours after contact, even if no pain is felt at the time of the exposure.
- ▶ **Hydrogen Fluoride** can irritate the nose and throat.
- ▶ Inhaling **Hydrogen Fluoride** can irritate the lungs causing coughing and/or shortness of breath. Higher exposures may cause a build-up of fluid in the lungs (pulmonary edema), a medical emergency, with severe shortness of breath.
- ▶ Exposure to **Hydrogen Fluoride** can cause headache, dizziness, nausea and vomiting.
- ▶ Very high exposure can cause *Fluoride* poisoning with stomach pain, weakness, convulsions, collapse and death.

Chronic Health Effects

The following chronic (long-term) health effects can occur at some time after exposure to **Hydrogen Fluoride** and can last for months or years:

Cancer Hazard

- ▶ While **Hydrogen Fluoride** has been tested, it is not classifiable as to its potential to cause cancer.

Reproductive Hazard

- ▶ While **Hydrogen Fluoride** has been tested, further testing is required to assess its potential to cause reproductive harm.

Other Effects

- ▶ Inhaling **Hydrogen Fluoride** can irritate the lungs. Repeated exposure may cause bronchitis to develop with coughing, phlegm, and/or shortness of breath.
- ▶ **Hydrogen Fluoride** may damage the liver and kidneys.
- ▶ Long term exposure to very high concentrations can cause deposits of *Fluoride* in the bones and teeth, a condition called "*Fluorosis*" (changes in the bone structure). This can cause bone pain, fractures, disability and mottling of the teeth.

Medical

Medical Testing

For frequent or potentially high exposure (half the TLV or greater), the following are recommended before beginning work and at regular times after that:

- ▶ Lung function tests

If symptoms develop or overexposure is suspected, the following are recommended:

- ▶ *Fluoride* level in urine. Levels higher than **4 mg/liter** indicate overexposure.
- ▶ Liver and kidney function tests
- ▶ Consider chest x-ray after acute overexposure
- ▶ Bone Density (DEXA) Scan

Any evaluation should include a careful history of past and present symptoms with an exam. Medical tests that look for damage already done are not a substitute for controlling exposure.

Request copies of your medical testing. You have a legal right to this information under the OSHA Access to Employee Exposure and Medical Records Standard (29 CFR 1910.1020).

Mixed Exposures

- ▶ Smoking can cause heart disease, lung cancer, emphysema, and other respiratory problems. It may worsen respiratory conditions caused by chemical exposure. Even if you have smoked for a long time, stopping now will reduce your risk of developing health problems.
- ▶ More than light alcohol consumption can cause liver damage. Drinking alcohol can increase the liver damage caused by **Hydrogen Fluoride**.

Workplace Controls and Practices

Very toxic chemicals, or those that are reproductive hazards or sensitizers, require expert advice on control measures if a less toxic chemical cannot be substituted. Control measures include: (1) enclosing chemical processes for severely irritating and corrosive chemicals, (2) using local exhaust ventilation for chemicals that may be harmful with a single exposure, and (3) using general ventilation to control exposures to skin and eye irritants. For further information on workplace controls, consult the NIOSH document on Control Banding at www.cdc.gov/niosh/topics/ctrlbanding/.

The following work practices are also recommended:

- ▶ Label process containers.
- ▶ Provide employees with hazard information and training.
- ▶ Monitor airborne chemical concentrations.
- ▶ Use engineering controls if concentrations exceed recommended exposure levels.
- ▶ Provide eye wash fountains and emergency showers.
- ▶ Wash or shower if skin comes in contact with a hazardous material.
- ▶ Always wash at the end of the workshift.
- ▶ Change into clean clothing if clothing becomes contaminated.
- ▶ Do not take contaminated clothing home.
- ▶ Get special training to wash contaminated clothing.
- ▶ Do not eat, smoke, or drink in areas where chemicals are being handled, processed or stored.
- ▶ Wash hands carefully before eating, smoking, drinking, applying cosmetics or using the toilet.

In addition, the following may be useful or required:

- ▶ Transfer **Hydrogen Fluoride** from cylinders or other containers to process containers in an enclosed system.

Personal Protective Equipment

The OSHA Personal Protective Equipment Standard (29 CFR 1910.132) requires employers to determine the appropriate personal protective equipment for each hazard and to train employees on how and when to use protective equipment.

The following recommendations are only guidelines and may not apply to every situation.

Gloves and Clothing

- ▶ Avoid skin contact with **Hydrogen Fluoride**. Wear personal protective equipment made from material which can not be permeated or degraded by this substance. Safety equipment suppliers and manufacturers can provide recommendations on the most protective glove and clothing material for your operation.
- ▶ Safety equipment manufacturers recommend Barrier® for gloves, and Tychem® Responder® and TK, and Trelchem® HPS, or the equivalent, as protective materials for clothing.
- ▶ All protective clothing (suits, gloves, footwear, headgear) should be clean, available each day, and put on before work.

Eye Protection

- ▶ Wear non-vented, impact resistant goggles when working with fumes, gases, or vapors.
- ▶ Wear a face shield along with goggles when working with corrosive, highly irritating or toxic substances.
- ▶ Do not wear contact lenses when working with this substance.

Respiratory Protection

Improper use of respirators is dangerous. Respirators should only be used if the employer has implemented a written program that takes into account workplace conditions, requirements for worker training, respirator fit testing, and medical exams, as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

- ▶ Where the potential exists for exposure over **0.5 ppm**, use a NIOSH approved full facepiece respirator with an acid gas cartridge which is specifically approved for **Hydrogen Fluoride**. Increased protection is obtained from full facepiece powered-air purifying respirators.
- ▶ Leave the area immediately if (1) while wearing a filter or cartridge respirator you can smell, taste, or otherwise detect **Hydrogen Fluoride**, (2) while wearing particulate filters abnormal resistance to breathing is experienced, or (3) eye irritation occurs while wearing a full facepiece respirator. Check to make sure the respirator-to-face seal is still good. If it is, replace the filter or cartridge. If the seal is no longer good, you may need a new respirator.
- ▶ Consider all potential sources of exposure in your workplace. You may need a combination of filters, prefilters or cartridges to protect against different forms of a chemical (such as vapor and mist) or against a mixture of chemicals.
- ▶ Where the potential exists for exposure over **5 ppm**, use a NIOSH approved supplied-air respirator with a full facepiece operated in a pressure-demand or other positive-pressure mode. For increased protection use in combination with an auxiliary self-contained breathing apparatus operated in a pressure-demand or other positive-pressure mode.
- ▶ Exposure to **30 ppm** is immediately dangerous to life and health. If the possibility of exposure above **30 ppm** exists, use a NIOSH approved self-contained breathing apparatus with a full facepiece operated in a pressure-demand or other positive-pressure mode equipped with an emergency escape air cylinder.

Fire Hazards

If employees are expected to fight fires, they must be trained and equipped as stated in the OSHA Fire Brigades Standard (29 CFR 1910.156).

- ▶ **Hydrogen Fluoride** is a noncombustible liquid or gas.
- ▶ Extinguish fire using an agent suitable for type of surrounding fire.
- ▶ **POISONOUS GASES ARE PRODUCED IN FIRE**, including *Fluorine*.
- ▶ Use water spray to keep fire exposed containers cool.

Spills and Emergencies

If employees are required to clean-up spills, they must be properly trained and equipped. The OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120) may apply.

If **Hydrogen Fluoride** gas or liquid is spilled or leaked, take the following steps:

- ▶ Evacuate personnel and secure and control entrance to the area.
- ▶ Eliminate ignition sources.
- ▶ Ventilate area of leak to disperse the gas.
- ▶ Stop flow of gas. If source of leak is a cylinder and the leak cannot be stopped in place, remove the leaking cylinder to a safe place in the open air, and repair leak or allow cylinder to empty.
- ▶ If a liquid spill, allow to vaporize and disperse, or cover with sodium carbonate or an equal mixture of soda ash and slaked lime. After mixing, add water, if necessary, to form a slurry.
- ▶ Water spray can be used to absorb **Hydrogen Fluoride** vapors escaping from leaking containers of *anhydrous Hydrogen Fluoride*. Use water in flooding quantities.
- ▶ DO NOT wash into sewer.
- ▶ It may be necessary to contain and dispose of **Hydrogen Fluoride** as a HAZARDOUS WASTE. Contact your state Department of Environmental Protection (DEP) or your regional office of the federal Environmental Protection Agency (EPA) for specific recommendations.

Handling and Storage

Prior to working with **Hydrogen Fluoride** you should be trained on its proper handling and storage.

- ▶ **Hydrogen Fluoride** reacts violently with STRONG BASES (such as SODIUM HYDROXIDE and POTASSIUM HYDROXIDE) and many other compounds.
- ▶ **Hydrogen Fluoride** reacts with WATER and STEAM to produce *toxic and corrosive gases*.
- ▶ **Hydrogen Fluoride** reacts with METALS (such as IRON and STEEL) to produce flammable and explosive *Hydrogen gas*.
- ▶ **Hydrogen Fluoride** is not compatible with OXIDIZING AGENTS (such as PERCHLORATES, PEROXIDE, PERMANGANATES, CHLORATES, NITRATES, CHLORINE, BROMINE and FLUORINE); STRONG ACIDS (such as HYDROCHLORIC, SULFURIC and NITRIC); AMINES; METAL SALTS; and SILICON COMPOUNDS.
- ▶ Store in tightly closed containers in a cool, well-ventilated area away from HEAT, SUNLIGHT and COMBUSTIBLES.
- ▶ Carefully purge and/or vent containers which have held **Hydrogen Fluoride** prior to cleaning with WATER.
- ▶ Metal containers of **Hydrogen Fluoride** should be vented regularly to prevent the build-up of *Hydrogen gas*.

Occupational Health Information Resources

The New Jersey Department of Health, Occupational Health Service, offers multiple services in occupational health. These services include providing informational resources, educational materials, public presentations, and industrial hygiene and medical investigations and evaluations.

For more information, please contact:

New Jersey Department of Health
Right to Know Program
PO Box 368
Trenton, NJ 08625-0368
Phone: 609-984-2202
Fax: 609-984-7407
E-mail: rtk@doh.nj.gov
Web address:
<http://nj.gov/health/workplacehealthandsafety/right-to-know/>

***The Right to Know Hazardous Substance Fact Sheets
are not intended to be copied and sold
for commercial purposes.***

GLOSSARY

ACGIH is the American Conference of Governmental Industrial Hygienists. They publish guidelines called Threshold Limit Values (TLVs) for exposure to workplace chemicals.

Acute Exposure Guideline Levels (AEGLs) are established by the EPA. They describe the risk to humans resulting from once-in-a-lifetime, or rare, exposure to airborne chemicals.

Boiling point is the temperature at which a substance can change its physical state from a liquid to a gas.

A **carcinogen** is a substance that causes cancer.

The **CAS number** is unique, identifying number, assigned by the Chemical Abstracts Service, to a specific chemical.

CFR is the Code of Federal Regulations, which are the regulations of the United States government.

A **combustible** substance is a solid, liquid or gas that will burn.

A **corrosive** substance is a gas, liquid or solid that causes destruction of human skin or severe corrosion of containers.

DEP is the New Jersey Department of Environmental Protection.

DOT is the Department of Transportation, the federal agency that regulates the transportation of chemicals.

EPA is the Environmental Protection Agency, the federal agency responsible for regulating environmental hazards.

ERG is the Emergency Response Guidebook. It is a guide for emergency responders for transportation emergencies involving hazardous substances.

Emergency Response Planning Guideline (ERPG) values provide estimates of concentration ranges where one reasonably might anticipate observing adverse effects.

A **fetus** is an unborn human or animal.

A **flammable** substance is a solid, liquid, vapor or gas that will ignite easily and burn rapidly.

The **flash point** is the temperature at which a liquid or solid gives off vapor that can form a flammable mixture with air.

IARC is the International Agency for Research on Cancer, a scientific group.

Ionization Potential is the amount of energy needed to remove an electron from an atom or molecule. It is measured in electron volts.

IRIS is the Integrated Risk Information System database on human health effects that may result from exposure to various chemicals, maintained by federal EPA.

LEL or Lower Explosive Limit, is the lowest concentration of a combustible substance (gas or vapor) in the air capable of continuing an explosion.

mg/m³ means milligrams of a chemical in a cubic meter of air. It is a measure of concentration (weight/volume).

A **mutagen** is a substance that causes mutations. A **mutation** is a change in the genetic material in a body cell. Mutations can lead to birth defects, miscarriages, or cancer.

NFPA is the National Fire Protection Association. It classifies substances according to their fire and explosion hazard.

NIOSH is the National Institute for Occupational Safety and Health. It tests equipment, evaluates and approves respirators, conducts studies of workplace hazards, and proposes standards to OSHA.

NTP is the National Toxicology Program which tests chemicals and reviews evidence for cancer.

OSHA is the federal Occupational Safety and Health Administration, which adopts and enforces health and safety standards.

PEOSHA is the New Jersey Public Employees Occupational Safety and Health Act, which adopts and enforces health and safety standards in public workplaces.

Permeated is the movement of chemicals through protective materials.

ppm means parts of a substance per million parts of air. It is a measure of concentration by volume in air.

Protective Action Criteria (PAC) are values established by the Department of Energy and are based on AEGLs and ERPGs. They are used for emergency planning of chemical release events.

A **reactive** substance is a solid, liquid or gas that releases energy under certain conditions.

STEL is a Short Term Exposure Limit which is usually a 15-minute exposure that should not be exceeded at any time during a work day.

A **teratogen** is a substance that causes birth defects by damaging the fetus.

UEL or Upper Explosive Limit is the highest concentration in air above which there is too much fuel (gas or vapor) to begin a reaction or explosion.

Vapor Density is the ratio of the weight of a given volume of one gas to the weight of another (usually *Hydrogen*), at the same temperature and pressure.

The **vapor pressure** is a force exerted by the vapor in equilibrium with the solid or liquid phase of the same substance. The higher the vapor pressure the higher concentration of the substance in air.

Common Name: **HYDROGEN FLUORIDE**

Synonyms: Fluoric Acid; HFA

CAS No: 7664-39-3

Molecular Formula: HF

RTK Substance No: 3759

Description: Colorless, fuming liquid or gas

HAZARD DATA

Hazard Rating	Firefighting	Reactivity
4 - Health 0 - Fire 1 - Reactivity DOT#: UN 1052 ERG Guide #: 125 Hazard Class: 8 (Corrosive)	Hydrogen Fluoride is a noncombustible liquid or gas. Extinguish fire using an agent suitable for type of surrounding fire. POISONOUS GASES ARE PRODUCED IN FIRE , including <i>Fluorine</i> . Use water spray to keep fire exposed containers cool.	Hydrogen Fluoride reacts violently with STRONG BASES (such as SODIUM HYDROXIDE and POTASSIUM HYDROXIDE) and many other compounds. Hydrogen Fluoride reacts with WATER and STEAM to produce <i>toxic and corrosive gases</i> . Hydrogen Fluoride reacts with METALS (such as IRON and STEEL) to produce flammable and explosive <i>Hydrogen gas</i> . Hydrogen Fluoride is not compatible with OXIDIZING AGENTS (such as PERCHLORATES , PEROXIDE , PERMANGANATES , CHLORATES , NITRATES , CHLORINE , BROMINE and FLUORINE); STRONG ACIDS (such as HYDROCHLORIC , SULFURIC and NITRIC); AMINES ; METAL SALTS ; and SILICON COMPOUNDS .

SPILL/LEAKS

Isolation Distance:

Spill: 100 meters (330 feet)

Fire: 1,600 meters (1 mile)

If a gas leak, evacuate area and stop flow of gas. If source of leak is a cylinder and the leak cannot be stopped in place, remove the leaking cylinder to a safe place in the open air, and repair leak or allow cylinder to empty.

If a liquid spill, allow to vaporize and disperse, or cover with sodium carbonate or an equal mixture of soda ash and slaked lime.

Water spray can be used to absorb **Hydrogen Fluoride** vapors escaping from leaking containers of *anhydrous Hydrogen Fluoride*. Use water in flooding quantities.

PHYSICAL PROPERTIES

Odor Threshold:	0.04 ppm
Flash Point:	Nonflammable
Vapor Density:	0.7 (air = 1)
Vapor Pressure:	760 mm Hg at 68°F (20°C)
Specific Gravity:	0.99 (water = 1)
Water Solubility:	Miscible
Boiling Point:	67°F (19.4°C)
Freezing Point:	-117.4°F (-83°C)
Ionization Potential:	15.98 eV
Molecular Weight:	20.1

EXPOSURE LIMITS

ACGIH: 0.5 ppm, 8-hr TWA; 2 ppm, Ceiling

IDLH: 30 ppm

The Protective Action Criteria values are:

PAC-1 = 1 ppm; PAC-2 = 24 ppm; PAC-3 = 44 ppm

PROTECTIVE EQUIPMENT

Gloves:	Barrier® (>8-hr breakthrough)
Coveralls:	Tychem® Responder® and TK; and Trelchem HPS (>8-hr breakthrough)
Respirator:	SCBA

HEALTH EFFECTS

Eyes:	Severe irritation, burns and possible eye damage
Skin:	Irritation and severe burns
Inhalation:	Nose, throat and lung irritation with coughing, and severe shortness of breath (pulmonary edema) Headache, dizziness, weakness, and convulsions

FIRST AID AND DECONTAMINATION

Remove the person from exposure.
Flush eyes with large amounts of water for at least 30 minutes. Remove contact lenses if worn. Seek medical attention immediately.
Immediately flush skin with large amounts of water. Apply 2.5% *Calcium Gluconate* gel to the affected skin. Seek medical assistance immediately.
Begin artificial respiration if breathing has stopped and CPR if necessary.
Transfer promptly to a medical facility.
Medical observation is recommended as symptoms may be delayed.

Charlene Watt (Deputy Clerk)

From: John Michels
Sent: April 19, 2025 8:39 AM
To: Charlene Watt (Deputy Clerk)
Subject: Lithium storage

As a home owner in your township and a first responder I feel any movement on this should be voted on. This is a very dangerous situation way to close to natural watercourses and people. Please include my name in any updates in regards to this application. And hopefully due diligence prevails in the office inspecting the application. We live in a fragile beautiful area.

Dan Michels

RECEIVED
APR 17 2025
TOWNSHIP OF ARMOUR

JOHN LUCK

Subject: Opposition to Proposed Lithium Battery Storage
Facility in Armour Township

Dear
Scott Aitchison, MP
Graydon Smith, MPP
Rod Ward, mayor
Editor Great North arrow

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township.

I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,



[Your Name]

[Your Address (if applicable)]

KATRINE ON POAIKE

[Your Contact Information]

RECEIVED
APR 17 2025
TOWNSHIP OF ARMOUR

Donna Luck

Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear
Scott Aitchison, MP
Graydon Smith, MPP
Rod Ward, mayor
Editor Great North arrow

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township.

I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,


[Your Name]

[Your Address (if applicable)]

KATRINE ON POA 1LO

[Your Contact Information]

Charlene Watt (Deputy Clerk)

From: Paul Schaefer
Sent: April 15, 2025 11:11 AM
To: Charlene Watt (Deputy Clerk)
Subject: BESS Battery storage

Good Morning

This email is in opposition to the proposed battery storage unit for Armour Township.

- Lack of Fire Training
- Lack of necessary equipment necessary to mitigate fire damage
- Lack of resources, manpower and water
- Lack of education for the Fire Department and Public
- Evacuation concerns
- Potential resources required from Automatic Aid partners potentially leaving their own municipality vulnerable
- Financial impact to neighbouring municipality for their Fire Department involvement
- Potential environmental concerns ie. Water runoff and forest fire spread.

These are just a few concerns against this project.

Sincerely,

Paul Schaefer
Fire Chief
Town of Kearney

Charlene Watt (Deputy Clerk)

From: Amanda mashinte: -
Sent: April 14, 2025 8:03 AM
To: Charlene Watt (Deputy Clerk)
Subject: Lithium battery energy storage system

Good morning,

I would like to express my serious concerns with the proposal for the new lithium battery energy storage system. Being an active member of the fire department and being present at the recent information session, I have great concern with this proposal and oppose it.

Thank you for listening to our concerns and taking everyone's concerns into consideration. If you need anything further from me please don't hesitate to reach out.

Amanda

Charlene Watt (Deputy Clerk)

From: Carly Gordon ·
Sent: April 14, 2025 8:31 AM
To: Charlene Watt (Deputy Clerk)
Subject: Lithium ion battery storage

Good morning, As an active member of the fire department I have great concern over the proposal of the lithium ion battery energy storage system and oppose this proposal.
Sent from my iPhone

Charlene Watt (Deputy Clerk)

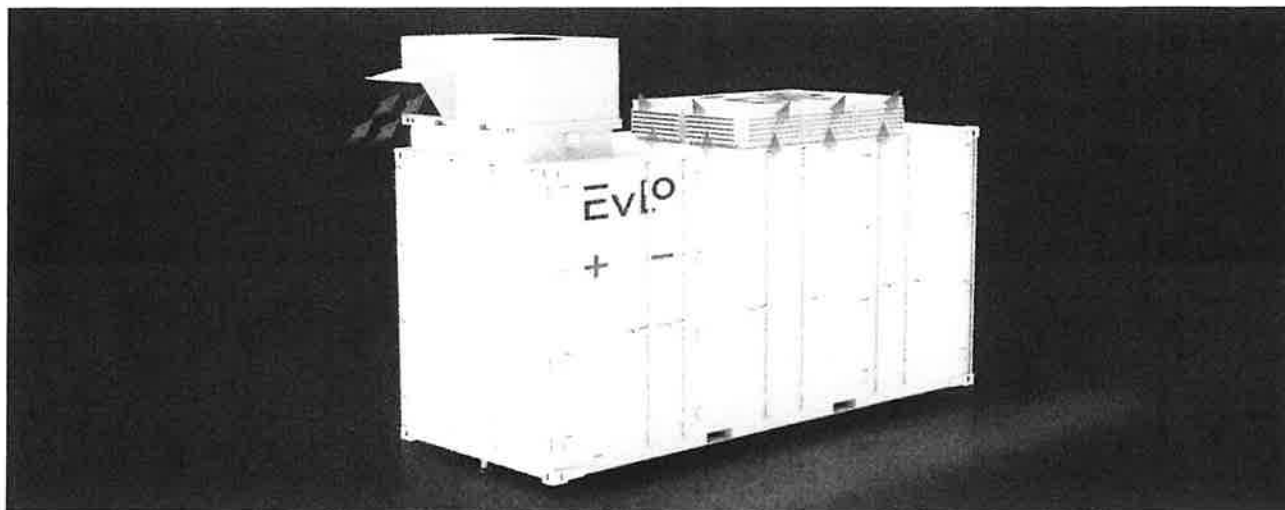
From: Krista MacLaren ·
Sent: April 13, 2025 12:29 PM
To: Charlene Watt
Subject: Battery Lithium

To Whom it May Concern,

We are extremely opposed to the proposal of a battery storage unit for lithium batteries in our area. We have a permanent cottage on Three Mile Lake which we intend to share with our children and grandchildren of future generations. This would be harmful to our community and our environment. Please note that this is a very poor decision for Armour Township.

Thank you, Krista and Brooke MacLaren Skyline Drive. Armour Twp.

Krista and Brooke MacLaren.
Sent from my iPhone



Leading-edge fire protection solutions at all levels

Evolving EVLO security technologies

As renewable energy sources like wind and solar continue to grow, utility-scale energy storage systems are essential to ensure that homes, communities, and businesses can rely on a dependable supply of clean electricity. Lithium batteries' high energy density and long lifecycle make them a common choice for utilities to back up these renewable resources.

However, while we consider our lithium iron phosphate (LFP) battery chemistry to be safer than others, no battery is perfect and thermal runaway can, in rare cases, result in fires or explosions. This makes safety precautions paramount when designing battery energy storage systems (BESS).

Certification bodies such as UL and NFPA are also raising battery safety standards for the benefit of the industry.

As a subsidiary of Hydro-Quebec, EVLO's engineers are keenly aware of utilities' needs regarding safety in BESS. We've developed a unique system of technical safety features at every level of our battery system: module, rack, and enclosure. From fire detection to thermal runaway prevention, our safety mechanisms both limit the risk of thermal runaway and, in case of an event, ensure that thermal propagation will be kept to a minimum and the event remains self-contained.



Utility-Grade Safety, by Utility Professionals

EVLO's BESS are designed by engineers who are experienced with meeting utility-scale demands. Our engineers not only perform multiple simulations to create accurate models of gas emissions during thermal runaway, but also field test these designs as well. Since battery fire behavior varies extensively, they use these models to design mitigating measures for a wide variety of scenarios.

Working in collaboration with numerous globally respected and independent safety firms, we also conduct comprehensive and thorough analyses to provide further validation and confidence in our quest to build the safest BESS.

Fire Mitigation Measures at Each Level

Unique in the battery industry, EVLO's next generation BESS contains fire mitigation protection mechanisms at every level above the cell level: module, rack, tray, and enclosure.

At the module level, thermal barriers are installed between the cells to slow down and prevent propagation to neighboring cells.

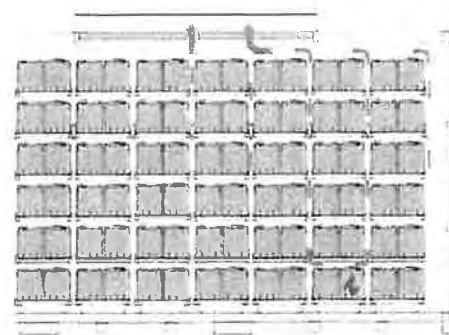
Each tray contains up to six modules. At the module level, thermal barriers are installed between cells to slow down and prevent propagation to neighboring cells.

The tray level includes two forms of fire protection: double thermal barriers between each tray, and the arrangement of the trays themselves. The design creates an air gap between each tray. In case of thermal runaway, this gap functions as a chimney by providing a path for gas release that avoids contact with nearby trays, therefore limiting temperature increase on neighboring modules.

At the enclosure level, there are hundreds of sensors as well as proprietary-designed venting panels. Once these sensors detect excess heat, smoke, or hydrogen, they trigger the active mitigation plan: the HVAC goes into Economizer Mode and forces fresh air in from outside the enclosure. Simultaneously, the venting panels open to release hot gas from the enclosure.

This system works even during power outages, since the venting panels include a failsafe

mechanism. In this condition, natural convection alone is enough to meet the performance requirements of NFPA 69.



Why We Chose a Layered Approach to Fire Safety

The reason we chose to integrate both active and passive safety approaches with our BESS design is simple: to ensure that our BESS are as safe as possible.

The fire mitigation designs of battery energy storage enclosures are governed by NFPA 855, which approves two options to manage thermal runaway. NFPA 69 describes active approaches such as ours, in which the chimney-like design and vents provide ventilation for gas release. NFPA 68 details a passive approach that includes deflagration panels on the container.



Deflagration panels are sheets of metal that open and release pressure in case of an explosion. This method requires that the container's design withstand the initial pressure buildup, which ultimately tears the deflagration panel apart and releases the pressure. The process still allows an explosion, which doesn't allow for individual unit testing (because the process would destroy that unit). The resulting destruction makes it impossible to ensure that this method will work as intended for each unit.

These drawbacks led us to base our fire mitigation approach on NFPA 69, which makes use of sensors, can be tested on a unit-by-unit basis, and is designed to prevent explosions. Our approach also goes beyond NFPA 69's requirements because we add passive fire mitigation elements on top of our active strategies. Namely, the failsafe venting panels open by themselves to release pressure even during a power outage. We call this approach NFPA 69++.

Our fire mitigation designs also offer flexibility depending on users' different preferences and requirements. For example, some may need extra sensors, while others may want a different type of detection sensors depending on their climate or requirements. Our engineers can adapt these to meet the most stringent safety standards.

The Most Thorough BESS Fire Prevention Testing Possible

Like all reputable BESS systems, our EVLO systems are tested using the UL 9540A test procedure – but we go far beyond the minimum requirements to ensure that our batteries are as safe as possible.

The UL 9540A test procedure is a set of tests for each succeeding level: cell, module, unit, and system. Currently, the minimum level lithium-ion batteries must pass is the unit level, so many lithium batteries are only tested up to that level. However, this level does not provide a full

engineering validation because it doesn't test all the safety features that must be implemented to meet the requirements of NFPA 855 68 and 69 sections.

Testing only up to the unit level also doesn't reflect all aspects of the real-life conditions within a BESS enclosure. A BESS's Fire Safety System depends on relationships between the cell, the module, the unit, the enclosure, detection hardware, mitigation hardware, and software. That's why we have developed our own Engineering Validation Plan consisting of a large scale fire test on a fully functional enclosure following UL 9540A system-level guidelines. This test validates the performance as well as active, passive and gas ignition modes.

So for us, UL 9540A testing is just one part of the complete Engineering Validation Plan that we provide for our products. Testing the entire system in real-life conditions ensures that our fire mitigation measures will perform reliably on our customer's sites under any circumstances.

Keeping Firefighters Safe with Distant Fire Resolution

In most cases, our mitigation strategies end thermal runaway by evacuating gasses via the opened venting panels. The fire resolves itself without any need for extinguishing agents such as water, and operators can then replace the module and fuse to regain a functional system.

With this solution, firefighters aren't usually needed onsite as the fire is fully contained.

However, to provide maximum flexibility in safety measures, we also offer an optional dry pipe system inside the container. These pipes allow firefighters to connect to the Fire Department Connection (FDC) located away from the enclosure. Once the water's connected, it spreads sufficiently throughout the enclosure without flooding it. This limits the temperature rise and prevents the fire from spreading to nearby enclosures. If customers desire additional measures, the dry pipe option provides an extra layer of safety by enabling first responders to deal with out-of-control fires while keeping a safe distance and maintaining personnel safety.

BESS Systems That Put Safety First

From product design through testing and performance, we've worked to make EVLO's BESS solutions the safest possible. Designed by engineers with extensive experience in utility environment and module design, they incorporate tailored fire mitigation measures from the module through the enclosure level. In addition to active mitigation measures that surpass NFPA 69 requirements, we've included passive measures that work even during loss of auxiliary power. Extensive field testing, including full engineering validation, helps ensure that EVLO's BESS solutions offer an unparalleled level of safety and reliability for our customers.

Charlene Watt (Deputy Clerk)

From: Don Mashinter
Sent: April 11, 2025 1:26 PM
To: Charlene Watt
Subject: ATT Charlene Watt

I am writing to inform you that I am opposing the lithium battery storage units.

I am familiar with explosion lids and am concerned with the storage containers and elements of the winter that they will freeze and they won't explode properly and if they do the gases that are released are VERY toxic.

The toxic fumes coming off the cells (plastic etc) would be hazardous to humans and a huge impact on the environment.

The leakage coming out of the container (which is toxic) , will leech into our water system,

There is no advantage or benefits to the Township of Armour as power is being transferred to another power station.

I am in close contact with someone who has a solar power farm that is owned by SOLAR BANK CORP, and this company does NOT do proper maintenance or regular maintenance checks.

Sincerely,
Don Mashinter
Elk Lake Rd
Burks Falls

Charlene Watt (Deputy Clerk)

From: Tracey Mashinter
Sent: April 11, 2025 1:07 PM
To: Charlene Watt
Subject: ATT: Charlene Watt

I would like to have it on record that I strongly oppose the Lithium Battery Storage Unit in the Township of Armour.

It is not good for many, many reasons.

I am concerned about the environmental issues and risks it will cause and there are MANY.

Having a daughter who is a volunteer firefighter with a young family, I would not want her going to the scene. It is a very dangerous type of fire and can't be put out.

This area is known for its tourism and this will have damaging effects.

I have been doing research and there is no benefits whatsoever to the town,, just serious consequences that cannot be reversed.

The site is close to residential homes.

These are only some of the reasons I oppose this project.

The company that is proposing to set up this site, is not a reputable company, again raising more red flags.

We live in a township where there is clean air, and wildlife and clean water. Don't put this in danger because of money and greed.

Sincerely,

Tracey Mashinter
Elk Road
Burks Falls, Ontario

Charlene Watt (Deputy Clerk)

From: d.harman d.harman <d.harman@burksfalls.on.ca>
Sent: April 11, 2025 11:27 AM
To: Charlene Watt (Deputy Clerk)
Subject: Say NO Lithium battery storage system

My husband Dale Harman and I (Meri Helps) are AGAINST the BESS cited for 219 Peggs Mountain Road. Concerns are: Seepage into our lakes & rivers in the area that will pollute drinking water & deplete our wildlife. Unhealthy emissions polluting our fresh Northern air. Unwanted fires that will burn down forests & possibly homes nearby. Lithium batteries contain "hazardous metals" & if not properly taken care of they can cause safety issues. Batteries can ignite & cause horrific fires. Overcharging can cause them to catch fire or possibly explode. These batteries are listed as "hazardous material if being shipped. BESS batteries last between 5-15 years. Solid state batteries last longer & are safer because "fireproof" material is used in them. We hope these reasons will hopefully 'STOP' this storage system from taking place. Meri Helps , Ontario Street Burks Falls On. P0A 1C0 Dale Harman , Ontario Street Burks Falls On. P0A 1C0

Charlene Watt (Deputy Clerk)

From: carrie schiffler
Sent: April 11, 2025 10:28 AM
To: Charlene Watt
Subject: Attention: Charlene

Hi Charlene

I'd like it to be known that neither my husband, Rowan Hildebrand nor I, Carrie Schiffler support the proposed Lithium Battery Storage unit.

The potential threat to nearby residents and wildlife is enough to make me believe the risks far outweigh any benefits.

We live and pay taxes in the area.

Our address is Skyline Dr

POA 1L0.

Thank you.

Carrie Schiffler



Village of South River
Burk's Falls – BESS Installation

Date: April 8, 2025

Motion Number: 121-2025

Moved By: [Signature]

Seconded By: [Signature]

BE IT RESOLVED THAT the Council of the Village of South River does hereby support Burk's Falls Resolution # 2025-91 opposing a Battery Energy Storage System (BESS) development near urban areas and waterways, specifically the site plan proposed by Solar Bank Inc. for a BESS installation at Concession 6, Part Lot 3 on Pegg's Mountain Road and further that this resolution be circulated to all neighbouring municipalities in the Almaguin Highlands, MP Scott Aitchison, MPP Graydon Smith and the Ontario Minister of the Environment Hon. Andrea Khanjin.

Carried By: [Signature]

Lost By: _____



The Municipality of the
VILLAGE OF BURK'S FALLS

Moved By: Ryan Baptiste Date: March 18, 2025
Seconded By: Sean Cotton Resolution # 2025- 91

Be it resolved;

Whereas the review process has begun based upon the site plan proposed by Solar Bank Inc. for a BESS installation at Concession 6, Part Lot 3 on Pegg's Mountain Road, the Council of the Village of Burk's Falls seeks to communicate its position on the proposed location of the concept presented;

And whereas the proposed site is situated approximately a mile or less from the Village, and in a direction that is upwind of the Village for most of spring, summer and autumn seasons;

And whereas the proposed site is situated approximately a mile or less from the Magnetawan River, whose watershed runs from this place and through numerous municipalities and communities, down its natural course to the Georgian Bay shores;

And whereas the proposed site is uphill from the Magnetawan River watershed, and contains a watercourse running downhill directly towards the river;

And whereas battery storage facilities contain high levels of hazardous chemicals and materials, presenting a significant danger of environmental contamination from leaking, venting or fire, and posing a risk of catastrophic damage to our area;

And whereas new battery storage technology is in its infancy, and that overall safety protocols that govern such facilities is likewise in its early understanding and development;

By this resolution we indicate our firm opposition to this and any other battery storage or recycling facility situated so close to our homes and waterways, whose pristine existence, responsible maintenance and the diligent protection thereof, is of profound importance to our quality of life and livelihoods, not just in Burk's Falls but across the Almaguin Highlands

While Council wholeheartedly supports the development of new, environmentally benign technologies and infrastructure that will benefit our communities, as stewards of our local land, air and water, the risks from situating such a potentially ruinous installation so close to the Village cannot be supported.

Furthermore, Council directs administration to communicate our position to all neighbouring municipalities in Almaguin, as well as our local MP and MPP and incoming Ontario Minister of the Environment

Recorded Vote requested by: _____

Ryan Baptiste	for / opposed
Ashley Brandt	for / opposed
Sean Cotton	for / opposed
Nancy Kyte	for / opposed
Chris Hope	for / opposed

✓
Carried

Defeated

Deferred

Pecuniary Interest declared by: _____

Ashley Brandt
Mayor

Charlene Watt (Deputy Clerk)

From: Hay email <dunner@hay.net>
Sent: April 10, 2025 7:43 AM
To: Charlene Watt
Subject: Concerns RE: Battery storage

We are seasonal residents in Ryerson Twp along the Mag River. Our intent is to permanently move there in a few years once we are retired.

Now we have grave concerns on the proposed storage facility. Has the township thoroughly thought about this? The risks to our area including waterways, forested area and toxic emissions should there be an explosion? Is our fire department trained and capable of handling such a loss? How about the environment? Can you imagine our liability ramifications you will be responsible for?

It appears there are many in our community concerned about this and I question if their concerns are being addressed by these elected officials.

Please note, we oppose this.

Paula and Allan Dunn
939 Springhill
Burks Falls.
Sent from my iPhone



CORPORATION OF THE TOWNSHIP OF RYERSON

Date: March 25, 2025

Resolution Number: R- 57 - 25

Moved by: Councillor Robertson

Seconded by: Councillor Miller

WHEREAS, Solar Bank Corporation, has submitted an application to the Township of Armour for approval of a Battery Energy Storage System (BESS) to be located at Concession 6, Part Lot 3, 219 Peggs Mountain Road in Burk's Falls; and

WHEREAS, Armour Township is encouraging public engagement and the concerns from the surrounding Townships who share infrastructure and the waterway; and

WHEREAS, the Township of Ryerson has received information from their ratepayers through delegations to Council and correspondence regarding the risks associated with BESS and of the opposition to the proposal from our community; and

WHEREAS, the Township of Ryerson recognizes the critical importance of safeguarding the health, safety, and well-being of the members of this community and surrounding communities, and of its firefighters, and acknowledges the potential risks associated with the proposed Battery Energy Storage System (BESS); and

WHEREAS, the Township of Ryerson's fire department has expressed significant concerns regarding the safety of firefighting operations in the event of a fire involving a Battery Energy Storage System (BESS), which could pose unique and hazardous challenges; and

WHEREAS, the proposed BESS site is located within a high-risk wildland fire zone, where the presence of such a facility could increase the risks to firefighting personnel, requiring specialized training and equipment not currently available to the Township's fire department; and

WHEREAS, in the event of a fire at the proposed BESS facility, traditional firefighting methods such as the application of water may be ineffective and could lead to contaminated lithium-ion firewater runoff that would pose a significant environmental threat to ground and water courses, particularly to the nearby Magnetawan River, a vital water source for the region; and

WHEREAS, it is a potential hazard, and because battery storage technology is in its infancy and its unknown what the long-term environmental impact of proposed BESS facility would be.

WHEARAS, from a coverage standpoint regarding the municipal liability policy and the possible risk of a third-party claim received due to firefighting activity releasing pollutants, the added likely policy response for environmental liability coverage, and the increased cost to the fire departments for this added coverage.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Township of Ryerson Council, by way of this resolution indicate our firm opposition to the application submitted by Solar Bank Corporation for a Battery Energy Storage System (BESS), due to the risk of hazardous chemical contamination and the harm that would cause to the Almaguin Area, the community, the environment, and the added risks to the fire services.
2. A copy of this resolution be sent to the Planning Board of Ryerson Township for their records and consideration in evaluating the proposal, with a strong recommendation to take these safety and environmental concerns into account.
3. The Township of Ryerson shall notify Armour Township of our opposition to the application; by sending a copy of this resolution and a written submission to Armour Twp. in opposition to the proposed amendments, so we are entitled to appeal the decision.
4. The Township of Ryerson shall notify neighboring municipalities of Ryerson's opposition to the application and encourage them to consider these risks in their own assessments of the proposal.

Carried ☒ Defeated ☐



(Chair Signature)

Declaration of Pecuniary Interest by: _____

RECORDED VOTE					
Vote called by Clerk in random order, Chair to vote last					
Members of Council		Yea	Nay	Abstention	Absent
Councillors	Beverly Abbott				
	Glenn Miller				
	Delynne Patterson				
	Dan Robertson				
Mayor	George Sterling				



28 Midlothian Road, R.R. No. 1, BURK'S FALLS, ONTARIO P0A 1C0
705-382-3232 • Fax 705-382-3286 • www.ryersontownship.ca

March 26, 2025

**The Township of Armour
Attention: Mrs. Charlene Watt
Township of Armour
Burk's Falls, ON, P0A 1C0**

**SEPSD Planning Board
Attention: Linda Moyer
8 Main Street, PO Box 310 Kearney,
ON, P0A 1M0**

**Re: Opposition to the Battery Energy Storage System (BESS) Applications OPA-2025-01, and
ZBA-2025-01 by Solar Bank Corporation.**

Dear Members of the Southeast Parry Sound District Planning Board and Armour Township,

I am writing on behalf of the Township of Ryerson to formally express our opposition to the application submitted by Solar Bank Corporation for approval of a Battery Energy Storage System (BESS) at 219 Peggs Mountain Road, Burk's Falls. Our municipality has significant concerns regarding the safety, environmental, and operational risks associated with this proposal, which we believe could negatively impact not only the Township of Ryerson but the entire Almaguin area.

The Township of Ryerson is deeply committed to safeguarding the health, safety, and well-being of its residents, including our first responders. The Township's fire department has raised serious concerns about the potential hazards associated with firefighting efforts in the event of a fire involving the BESS. Traditional firefighting methods, such as water application, are ineffective against lithium-ion fires, which may lead to severe environmental contamination. The risk of lithium-ion firewater runoff is especially concerning due to its potential to reach the Magnetawan River, a vital water source for the region.

Furthermore, the proposed site is located within a high-risk wildland fire zone, which exacerbates the risks to both firefighting personnel and community safety. At present, the Township's fire department lacks the specialized training and equipment needed to manage such incidents effectively. We believe that introducing this facility could place both our residents and first responders in grave danger. We are also concerned about the long-term environmental impacts of the proposed BESS. Given that battery storage technology is still in its infancy stages, the full extent of its environmental

consequences remains unknown. The potential for unforeseen environmental harm necessitates additional caution and evaluation before proceeding with the project.

The Township of Ryerson also wishes to highlight the potential financial burden that may result from this project, particularly in terms of increased insurance costs for fire services. The need to secure specialized coverage for environmental liabilities and third-party claims related to firefighting activities will likely result in exclusions in liability, including issues concerning PFAS chemicals and electrical power supply. Additionally, the Township's volunteer firefighters would face an additional burden of training hours outside of their regular commitments, which would cut into valuable family time and personal obligations. While the proposal mentions that the applicant will provide training and equipment, there is no indication of who will compensate the firefighters for their time spent on this extra training.

In light of these concerns, the Township of Ryerson respectfully urges the SEPSD Planning Board and Armour Township to carefully consider the risks associated with the proposed Battery Energy Storage System (BESS) when assessing this application.

While the Township of Ryerson recognizes and supports development initiatives that contribute positively to our community's well-being, we must also ensure that such projects align with the long-term goals of our residents. We are committed to promoting responsible and sustainable development that balances the economic, social, and environmental needs of our community, while prioritizing public safety and environmental stewardship.

We trust that you will give thoughtful consideration to our concerns and act in the best interests of our communities. A copy of this letter has been circulated to the Southeast Parry Sound District Planning Board and neighboring municipalities to notify them of our opposition.

Thank you for your attention to this important matter.

Sincerely,

A handwritten signature in dark ink, appearing to read "George Sterling", written in a cursive style.

George Sterling
Mayor, Ryerson Township

Keisha Rumford

Burks Falls, ON
P0A1C0

Township of Armour
56 Ontario St,
Burks Falls, ON
P0A1C0

April 8, 2025

To Whom It May Concern,

I am writing to express my strong opposition to the proposal to bring a lithium battery storage facility to Armour Township as a taxpayer. This project will line the pockets of a few while jeopardizing an entire community whose resources and emergency services are already minimal!

Lithium battery storage facilities pose dangers, including fire and explosion risks due to thermal runaway. Fires and thermal runaway can release toxic and flammable gases, posing a hazard to firefighters and those nearby. A fire in one battery can trigger a chain reaction, causing multiple batteries to fail and increasing the risk of a large-scale fire or explosion. If batteries are improperly disposed of or leak, the toxic materials they contain can contaminate soil and water. Lithium-ion battery fires can be difficult to extinguish due to the high temperatures and the continued chemical reactions, potentially requiring prolonged water cooling to prevent re-ignition.

As previously stated, I strongly oppose this project. The risks heavily outweigh any benefits this endeavor would bring to the community. In fact, it is nothing but a liability and a hindrance to the future development of Armour Township.

Sincerely,
Keisha Rumford

Charlene Watt (Deputy Clerk)

From: Denise Simpson
Sent: April 9, 2025 12:37 AM
To: Charlene Watt
Subject: Re. Lithium Battery Storage

April 8, 2025

Charlene Watt, Clerk

I am formally submitting my vehement opposition to the Armour Lithium Battery Storage proposal.

I am a long standing resident of the Burks Falls community. I am deeply concerned about this proposal. The risks far outweigh any advantages in my opinion. I hope Armour Township will consider the evidence based fear this has incited and administer a filter that promotes ecological and environmental accountability while reducing catastrophic risk to humans and wildlife.

My 18 month old grandson resides a few houses away from Mr. Creasor's property, the proposed building site. I am worried sick that he and my daughter will be human experiments in this endeavour. My mother, a senior must live her days stressed about a possible fire or worse happening just up the road from her residence.

I ask you, what could be worse than living in a state of chronic anxiety?

We know the risks, why invite them into our community and destroy one of our primary revenue streams, tourism.

I want Armour Township to support the community and foster environmental and safety protocols.

I welcome opportunity, development and growth, but not when the reality contains future obituaries, illness and the destruction of our water and land, precious resources to gamble away on a short sighted whim.

Stand with us, hear us Armour.

Sincerely,

Denise Simpson
Burks Falls

Sent from my iPhone

Charlene Watt (Deputy Clerk)

From: W Trevor Claxton
Sent: April 9, 2025 6:51 AM
To: Charlene Watt
Subject: Lithium Battery plant; Attention Charlene

Good Morning:

I wanted to send an email to state my concern about the lithium battery plant that is being considered in Armour Township. The fire risks alone would give me concerns about this plant. In addition, there are no full time firefighters available to deal with any accidents that occur. As an aquatic biologist, I am also concerned about chemical and lithium contamination of ground water and lakes and rivers. Therefore, I and my wife are opposed to this project

Thank you for your consideration

W. Trevor Claxton
Michelle Matthews
Snowshoe Lane, Katrine

Good morning - this is not a political rant. It is just information regarding the battery backup that was proposed last night at the Katrine community center.

Armour Township has advised that your voice and opinion needs to be put down in an email for council.

If you are opposed to the battery back up being situated in our area, YOU MUST send an email stating your opinion to the email address below. I would suggest including your name and address so they know it is coming from a taxpayer locally.

Wishing you all a wonderful day in this beautiful north.

Attention Charlene
clerk@armourtownship.ca
Sent from my iPhone

Charlene Watt (Deputy Clerk)

From: Kimberly Porter
Sent: April 8, 2025 3:35 PM
To: Charlene Watt
Subject: Battery Back Up

Hi Charlene,

I am just emailing in regards to the battery back up centre proposed out Pegs Mountain and as an armour township resident I feel the need to express my disinterest for the station after the presentation last night I am against the proposed centre in Armour Township.

Thank you

Kim Porter
Magview Drive
Armour Township

Charlene Watt (Deputy Clerk)

From: Louise Fry
Sent: April 8, 2025 10:54 AM
To: Charlene Watt
Subject: Attention: Charlene

We Laverne and Louise Fry are saying no and do not want the Lithium Battery Storage in our community and also they say that our fire fighters would take training to handle what ever might result in something going wrong why would we want them to be trained in this when they are not even trained to rescue people or animals off the ice or out of water which should be something they are trained for and take priority in this community. Having this battery storage in our community is just a match waiting to be lit. Yours truly Laverne and Louise Fry First Avenue in Armour Township

Charlene Watt (Deputy Clerk)

From: Christine Lauffer
Sent: April 8, 2025 11:15 AM
To: Charlene Watt
Subject: BESS

Dear Clerk and Council,

After the information meeting I have no problem with having the BESS in Armour Township. As we all use more electricity and as we are a growing community, it makes good sense to install a battery system that will help with high demand situations. I have been convinced by listening to the presentation that the BESS will not cause an environmental problem but that it will actually help to mitigate the climate crisis. Therefore I am in favour to install it in Armour Township.

Sincerely

Christine Lauffer

Armour Township

Sent from my iPhone

Support

Charlene Watt (Deputy Clerk)

From: Wendy Mahoney
Sent: April 8, 2025 10:41 AM
To: Charlene Watt
Subject: Battery Backup plant

My husband and I are opposed to this plant being built in our area
Richard and Wendy Mahoney
Shady Lane
Katrine On

Charlene Watt (Deputy Clerk)

From: Jim Price
Sent: April 8, 2025 10:34 AM
To: Mayor Rod Ward; Gina Price; Councillor Jerry Brandt; Councillor Rod Blakelock; Councillor Dorothy Haggart-Davis; Councillor Wendy Whitwell
Cc: Dave Gray; Charlene Watt; Dane Renneberg
Subject: Re: Proposed Lithium BESS concerns

Dear Mayor Ward:

Thank-you for your participation in the meeting last night. Despite the technical issues and the disorganized questions, there was a lot of good information passed along and good learning that took place.

I appreciate your honesty and all the work that you and the township has put into this project. Thank-you for reminding us that the township has not voted on this proposal yet and for your desire to receive all information first. This shows leadership.

While my wife and I along with our neighbors on Madill Road were quiet this was more due to the nature of the meeting and out of respect for the presenters more than anything else.

We did glean out several points while watching:

1. Most of the safety codes for these facilities have been developed over the last 5 years. This was alarming for me to learn last night, knowing that they have not been around long enough to be properly stress tested.
2. That while the various battery companies have learned a lot from past fires, there is still a lot that needs to be learned as this technology develops.
3. While fire fighting experts were brought in to the meeting, there was certainly a lot of confusion about how to handle a potential fire at the site and who or what training would be needed and what equipment and supplies would be needed. This remains a significant concern for us that a fire could overwhelm our small fire department and our volunteers.
4. While the initial proposal is for a small operation, it would be naive for us to think that if an installation were to be approved that the company would not come back later to have it expanded.
5. The main benefit for Armour township that was touted was stability of the electrical supply in our area. Unfortunately there was no one from Hydro One at the meeting that could verify these claims and given that the expert consultants brought in were fire fighters and folks from the battery companies, they were not qualified to make such claims. No one at the meeting should be comfortable with this claim.
6. The company made the claim at the start of the meeting that the province has a shortage of electricity and demand is growing exponentially. While this was the thesis only a couple of years ago, these claims are actually in question now. As a result of the tariff issues south of the border, we now have learned that the province produces more electricity than it needs and in fact sells their excess to the States at a discount. As you know this sale of electricity is now in question and if pulled back would mean that the province would not need marginal additional supply. From the demand side, over the last 6 months we have seen a significant slow down in the adoption of electric vehicles and significant performance gains in generative A.I. which may lead to a significant reduction in electricity demand

from these two big user groups. As a result, the question of financial viability of a project like this long term needs to be brought into question.

We heard you loud and clear that even a negative vote by the township may not kill this deal as the company would have the right to appeal. We also realize that a strong position by council would be significant in any appeal process and make it much harder for them.

At the end of the day our elected officials are here to represent the constituents of this community. I do think that a room full of people both present and on-line, all opposed to this, conveys the sentiment of the residents of this township.

We love this area, it's natural beauty and pristine environment. It did not go by unnoticed by me that while we were driving to the meeting last night, four young deer crossed the road in front of us, coming up from the public beach, literally walking through people's back yards. It was a reminder for me that we are not doing this just for ourselves but for all the residents of this area, be it two legged or four.

We know that there is a lot of work to be done, and it is at this time that we look for our leaders to lead and are confident that you and rest of council will step up for us now.

Jim & Gina Price
Madill Road

Charlene Watt (Deputy Clerk)

From: jaye skeoch
Sent: April 8, 2025 10:26 AM
To: Charlene Watt
Subject: Against Lithium Battery Storage in Armour

This letter acts as my registration and opposition to building a lithium battery storage unit in Armour.

These batteries are highly flammable and release toxic chemicals into the environment. They contain metals such as cobalt and nickel which will contaminate the ground water and will seep into our water systems.

This isnt "progress". This is knowingly playing with fire and putting human, animal and plant life at risk.

And as an aside - this will also affect house prices especially in that immediate region and perhaps ranging as far as Doe Lake itself. I live here now but I wouldnt buy here again if this storage facility was that close.

Jaye Skeoch-Brewer
Doe Lake Rd, Katrine

Charlene Watt (Deputy Clerk)

From: sharon
Sent: April 8, 2025 10:05 AM
To: Charlene Watt
Subject: Attention Charlene Watt

Hi I am a Resident of Ryerson Township and I would like to share my opinion to the Armour Council that I am opposed to the Bess Lithium Storage Site proposed in Armour Township.

I do not see how allowing this Site to exist benefits myself, People in my Township or the surrounding Communities . I only see Negatives and Risks. No Jobs created, it shouldn't be in a Residential Area, It is close to a nearby Village, Close to River System as well. Risks far outweigh the Benefits.

Thank you

William and Sharon Haslam

. Midlothian Rd Burks Falls.

Charlene Watt (Deputy Clerk)

From: Robert Baron
Sent: April 8, 2025 10:09 AM
To: Charlene Watt
Subject: Battery Facility on Pegs Mountain Road

Dear Armour Township Council

My name is Robert Baron and I cottage and will eventually live up at Pickerel and Jack Lake Road. We are currently finishing a brand new build. My family has been at this location going on 53 years so we are like a three season resident.

I attended last nights information session via Zoom and was not impressed by the presentation and lack of ability to get solid or straight answers from the group.

I am writing this to let you know that I and my family are opposed to this facility being built in our community. You saw the passion of your community in action last night and we all hope that council makes the right decision on this for the community and that you listen to the community.

A wrong decision could potentially be a disaster for the area.

Thanks for your commitment to gathering information and being present to see how the community feels about this facility being in the area.

Regards,

Robert Baron

Charlene Watt (Deputy Clerk)

From: Justin O'Brien
Sent: April 8, 2025 9:07 AM
To: Charlene Watt
Subject: Completely opposed to battery back up plant

Good morning Charlene, this is Justin O'Brien. I live at Melody Crescent in Katrine.

My wife and I watched the meeting last night through Zoom and we are completely 100% opposed to any plant being situated in this area regarding the battery back up. We moved here one year ago for clean living with forestry, wildlife, and clean drinking water and any risk that this plant could have to destroy that is something we are not prepared to take. Based on everyone at the meeting and online, it appears no one wants that battery plant in this area.

Can you kindly email back to confirm receipt so I know that my voice has been heard for council. Thank you so much.



Kindest regards, Justin

Public Comments from the April 7, 2025 Public Information Session Regarding the Proposed BESS Development:

1. No Environmental Impact Study Completed

Several participants expressed concerns that no comprehensive environmental impact assessment (EIA) had been conducted prior to the proposal of the BESS project. An EIA is crucial to evaluate the potential risks and long-term consequences on local ecosystems, wildlife, and natural resources. Without this study, the public is left uncertain about the sustainability and environmental footprint of the project.

2. Recommendations for Phase 2 Removed in Initial ESA Report

It was noted that key recommendations for Phase 2 of the project were removed from the initial Environmental Site Assessment (ESA) report. These omitted recommendations could be critical to the safe development and operation of the BESS system, and their absence raises concerns about whether adequate planning and risk mitigation strategies are in place for potential long-term impacts.

3. SolarBank Evaded the Use of the Term 'Lithium'

Public comments highlighted that SolarBank, the developer, avoided explicitly using the term "lithium" when discussing the energy storage technology to be used in the BESS. Lithium batteries are commonly used in energy storage systems, but there are growing concerns about the environmental impact and sustainability of lithium mining. Transparency in describing the technology being employed is essential for public confidence.

4. Design of BESS to Allow for Explosion, but Not Tested – Concerns About Safety

One significant safety concern raised was that the design of the BESS system accounts for the possibility of an explosion but has not undergone sufficient testing. The public expressed apprehension about the potential for catastrophic failure in the event of a malfunction, particularly given the volatility of battery technologies. Without proven reliability and safety measures, there is uncertainty about whether this method of containment would function as intended during an emergency.

5. Proposed Placement of BESS 900 Metres from the Magnetawan River on a Hill with a 20-Metre Drop

The proposed site for the BESS is located 900 metres from the Magnetawan River, on a hill with a 20-metre vertical drop. This topography could complicate construction, introduce drainage issues, and increase the risk of environmental contamination in case of a spill or fire. The close proximity to the watercourse raises concerns about potential impacts on water quality and local aquatic ecosystems.

6. Prevailing Wind Direction Toward the Village of Burk's Falls

The prevailing wind direction toward the village of Burk's Falls was flagged as an issue, particularly in the event of a fire or chemical leak from the BESS. Wind can carry harmful substances, smoke, and fumes to residential areas, posing significant health and safety risks for local inhabitants.

7. Concerns Over New Fire Station and Proposed Medical Wellness Centre Within 500 Metres

Several attendees voiced concerns about the proximity of the proposed BESS to critical infrastructure, including a new fire station and a proposed medical wellness centre. Being

located within 500 metres of these facilities could compromise emergency response times and safety protocols, especially in the event of a fire or hazardous material spill.

8. **No Access to Municipal Water – Dependence on Fire Tanker Shuttles**

The BESS site does not have direct access to municipal water, which would necessitate reliance on continuous fire tanker shuttles for firefighting efforts. This presents a logistical challenge and strains local fire services, including mutual aid agreements with neighboring municipalities. The ability of local departments to effectively respond to emergencies at the site is called into question.

9. **Partnering Municipalities Oppose the Development**

Municipalities that share fire services under the TRI Services Agreement have officially opposed the BESS development. The shared concern revolves around the ability of fire departments to adequately respond to incidents at the proposed site, given the distance from other critical infrastructure and the risks posed by the proposed technology.

10. **Wildland Fire – High-Risk Zone**

The proposed BESS site lies within a high-risk wildland fire zone. This increases the potential for fires to spread to and from the site, particularly during dry conditions. The combination of local vegetation, proximity to residential areas, and the volatile nature of battery technology heightens the overall fire risk.

11. **Hayfield Adjacent to the Property**

A hayfield is located directly adjacent to the proposed BESS site. This could increase the likelihood of a fire spreading from the BESS to the field, particularly during dry weather or in the case of an undetected fire. The presence of flammable vegetation nearby increases the safety hazards associated with the development.

12. **Negative Impact on Insurance – Residents and Fire Departments**

There are concerns that the presence of a BESS facility could lead to higher insurance premiums for both local residents and fire departments. Insurance companies may view the BESS as a high-risk facility, which could result in higher costs or even a lack of coverage in the event of a fire or catastrophic failure.

13. **Negative Impact on Future Land Development – Restrictions for Neighbors**

Local residents expressed concerns that the construction of the BESS could impose restrictions on future land development. Specifically, an abutting neighbor may be unable to pursue plans to create a subdivision due to the potential risks and zoning restrictions associated with the presence of an energy storage facility. This could affect property values and long-term planning in the area.

14. **Fire Representative's Opinion – BESS Units Should Not Be in Residential Areas**

A representative from the Fire Risk Alliance (FRA) advised local residents in one-on-one discussions that energy storage units, particularly those involving lithium-ion batteries, should not be placed in residential areas. The FRA representative emphasized that such facilities are more appropriately located in industrial zones, where the risks can be better managed and mitigated.



CORPORATION OF THE TOWNSHIP OF RYERSON

Date: March 25, 2025

Resolution Number: R- 57 - 25

Moved by: Councillor Robertson

Seconded by: Councillor Miller

WHEREAS, Solar Bank Corporation, has submitted an application to the Township of Armour for approval of a Battery Energy Storage System (BESS) to be located at Concession 6, Part Lot 3, 219 Peggs Mountain Road in Burk's Falls; and

WHEREAS, Armour Township is encouraging public engagement and the concerns from the surrounding Townships who share infrastructure and the waterway; and

WHEREAS, the Township of Ryerson has received information from their ratepayers through delegations to Council and correspondence regarding the risks associated with BESS and of the opposition to the proposal from our community; and

WHEREAS, the Township of Ryerson recognizes the critical importance of safeguarding the health, safety, and well-being of the members of this community and surrounding communities, and of its firefighters, and acknowledges the potential risks associated with the proposed Battery Energy Storage System (BESS); and

WHEREAS, the Township of Ryerson's fire department has expressed significant concerns regarding the safety of firefighting operations in the event of a fire involving a Battery Energy Storage System (BESS), which could pose unique and hazardous challenges; and

WHEREAS, the proposed BESS site is located within a high-risk wildland fire zone, where the presence of such a facility could increase the risks to firefighting personnel, requiring specialized training and equipment not currently available to the Township's fire department; and

WHEREAS, in the event of a fire at the proposed BESS facility, traditional firefighting methods such as the application of water may be ineffective and could lead to contaminated lithium-ion firewater runoff that would pose a significant environmental threat to ground and water courses, particularly to the nearby Magnetawan River, a vital water source for the region; and

WHEREAS, it is a potential hazard, and because battery storage technology is in its infancy and its unknown what the long-term environmental impact of proposed BESS facility would be.

WHEARAS, from a coverage standpoint regarding the municipal liability policy and the possible risk of a third-party claim received due to firefighting activity releasing pollutants, the added likely policy response for environmental liability coverage, and the increased cost to the fire departments for this added coverage.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Township of Ryerson Council, by way of this resolution indicate our firm opposition to the application submitted by Solar Bank Corporation for a Battery Energy Storage System (BESS), due to the risk of hazardous chemical contamination and the harm that would cause to the Almaguin Area, the community, the environment, and the added risks to the fire services.
2. A copy of this resolution be sent to the Planning Board of Ryerson Township for their records and consideration in evaluating the proposal, with a strong recommendation to take these safety and environmental concerns into account.
3. The Township of Ryerson shall notify Armour Township of our opposition to the application; by sending a copy of this resolution and a written submission to Armour Twp. in opposition to the proposed amendments, so we are entitled to appeal the decision.
4. The Township of Ryerson shall notify neighboring municipalities of Ryerson's opposition to the application and encourage them to consider these risks in their own assessments of the proposal.

Carried ☒ Defeated ☐



(Chair Signature)

Declaration of Pecuniary Interest by: _____

RECORDED VOTE					
Vote called by Clerk in random order, Chair to vote last					
Members of Council		Yea	Nay	Abstention	Absent
Councillors	Beverly Abbott				
	Glenn Miller				
	Delynne Patterson				
	Dan Robertson				
Mayor	George Sterling				

Charlene Watt (Deputy Clerk)

From: Gary Firby
Sent: March 29, 2025 6:59 PM
To: Charlene Watt
Subject: Regarding proposed Bess facility on Peggs Mountain Rd in Armour township
i'm against this proposed building site for the possible environmental impact that this facility could pose to our area i live on the Mag. river at the ...

Sent from my iPhone

Sent from my iPhone

Sent from my iPhone



The Municipality of the
VILLAGE OF BURK'S FALLS

172 Ontario Street Box 160 Burk's Falls ON P:705-382-3138 F:705-382-2273 www.burksfalls.net

March 26, 2025

To the Mayor, Council & Administration of the Municipality of Armour Township, Greetings:

Please be advised that the Council of the Village of Burk's Falls, through a unanimous Resolution of Council (see attached), makes clear its full and unequivocal opposition to the complete applications of an OPA and Rezoning for the BESS (Battery Electric Storage System) proposed for Concession 6, Part Lot 3 on Pegg's Mountain Road.

This opposition is based upon the following:

1. Proximity to the Village, with prevailing winds coming from the direction of the proposed site for most of the year.
2. Proximity to the Magnetawan River and its watershed. In addition, the current site plan notes a water course running through the site and downhill directly towards the Magnetawan watershed.
3. The close installation of such toxic and flammable materials (lithium, etc.), with many of them proven carcinogens, could contaminate the entire surrounding ecosphere should a major fire or venting incident take place. As with any such industrial contamination, the damage to our local environment would likely be generational.
4. Battery storage system technology is in its infancy, with few studies or safety protocols properly studied and efficiently established. Battery Fires are all too common and there is no set emergency protocol to easily control or extinguish them.
5. While cost is obviously of secondary consideration in the face of such overt risks to our shared quality of life and health safety, the costs of upgrading our shared emergency services to deal with such a facility has not been sufficiently studied, nor any costs associated with the need for advanced skills, equipment and personnel. These costs alone could be considerable.

By this resolution we indicate our firm opposition to this and any other battery storage (or recycling facility) situated so close to the Village and surrounding homes and waterways.

While the Village Council is aware that the review process for Solar Bank's application has only just begun, we kindly request to be kept fully up to date on all developments, changes in application and public meetings and planning discussions involved with this project.

Thank you for your kind attention in this matter, and we look forward to future dialogue with you towards a resolution that will align fully with the wishes of area residents.

Kindest regards;

C. R. Hope
Mayor, Village of Burk's Falls



The Municipality of the
VILLAGE OF BURK'S FALLS

Moved By: Ryan Baptiste Date: March 18, 2025

Seconded By: Sean Cotton Resolution # 2025- 91

Be it resolved;

Whereas the review process has begun based upon the site plan proposed by Solar Bank Inc. for a BESS installation at Concession 6, Part Lot 3 on Pegg's Mountain Road, the Council of the Village of Burk's Falls seeks to communicate its position on the proposed location of the concept presented;

And whereas the proposed site is situated approximately a mile or less from the Village, and in a direction that is upwind of the Village for most of spring, summer and autumn seasons;

And whereas the proposed site is situated approximately a mile or less from the Magnetawan River, whose watershed runs from this place and through numerous municipalities and communities, down its natural course to the Georgian Bay shores;

And whereas the proposed site is uphill from the Magnetawan River watershed, and contains a watercourse running downhill directly towards the river;

And whereas battery storage facilities contain high levels of hazardous chemicals and materials, presenting a significant danger of environmental contamination from leaking, venting or fire, and posing a risk of catastrophic damage to our area;

And whereas new battery storage technology is in its infancy, and that overall safety protocols that govern such facilities is likewise in its early understanding and development;

By this resolution we indicate our firm opposition to this and any other battery storage or recycling facility situated so close to our homes and waterways, whose pristine existence, responsible maintenance and the diligent protection thereof, is of profound importance to our quality of life and livelihoods, not just in Burk's Falls but across the Almaguin Highlands.

While Council wholeheartedly supports the development of new, environmentally benign technologies and infrastructure that will benefit our communities, as stewards of our local land, air and water, the risks from situating such a potentially ruinous installation so close to the Village cannot be supported.

Furthermore, Council directs administration to communicate our position to all neighbouring municipalities in Almaguin, as well as our local MP and MPP and incoming Ontario Minister of the Environment

Recorded Vote requested by: _____

Ryan Baptiste	for / opposed
Ashley Brandt	for / opposed
Sean Cotton	for / opposed
Nancy Kyte	for / opposed
Chris Hope	for / opposed

☒	☐	☐
Carried	Defeated	Deferred

Pecuniary Interest declared by:

Chris Hope
Mayor

Charlene Watt (Deputy Clerk)

From: rpm
Sent: March 17, 2025 2:56 PM
To: Armour Township Clerk
Subject: Opposed to Proposed Lithium Battery Storage Facility in Armour Township

Hello Charlene

I am writing to show my opposition the proposed battery storage facility in Armour Township. Everyone in Armour Township deserves to have this pristine area preserved by not having a dangerous lithium battery storage facility. This type of facility does not fit with the area where the build is being proposed. The outcome is catastrophic for the area if this facility fails. Run off to the waterways is the first thing that comes to mind. There is no way to contain the hazardous chemicals that are released during a fire. Containing the blaze is only the beginning of the disastrous result of a fire.

Please reject the proposal for the Lithium Battery Storage Facility in Armour Township.

Sincerely

Richard Misler

Ferguson Road

Katrine, ON

Charlene Watt (Deputy Clerk)

From: Ana Cultraro
Sent: March 12, 2025 11:11 AM
To: Armour Township Clerk
Cc: Ana Cultraro
Subject: My opposition to the BESS proposal in Armour Township

Hi Charlene,

I am writing to you and the Armour Township Council to signal my opposition to the proposed Battery Energy Storage System (BESS).

As a concerned resident of Ryerson Township, I want to express my strong opposition as we will suffer the same risks due to our proximity. It will impact all surrounding communities.

While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

PUBLIC SAFETY

With regards to public safety risks, lithium battery storage facilities have been associated with over 30 recorded serious large-scale BESS fires that have happened globally in recent years.

https://storagewiki.epri.com/index.php/BESS_Failure_Incident_Database

January 2025, Moss Landing, California: A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.

It reignited again this month as smouldering lithium-ion batteries caught fire again.

And the Monterey estuary, a fragile ecosystem was discovered to have a high concentration of heavy metals from the fire.

<https://ctif.org/news/fire-largest-bess-us-led-evacuation-1500-residents-near-moss-landing-fire-left-burn-out>

<https://www.latimes.com/california/story/2025-01-29/heavy-metals-found-in-monterey-estuary-after-moss-landing-lithium-battery-fire>

September 2024, Brantford ON: A fire at Aypa Power Canada's storage facility saw flames contained to one unit and thankfully no injuries. The cause is still being investigated. According to a spokesperson for the Ministry of Environment, firewater runoff from the site impacted a retention pond as well as a nearby creek. The Fire Chief said the protocol for dealing with such a battery fire is to let it burn out while monitoring both water run-off and air quality.

<https://www.ctvnews.ca/kitchener/article/brantford-fire-still-investigating-storage-unit-battery-fire/>

September 2023, Valley Center, California: A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
<https://www.nbcsandiego.com/news/local/valley-center-solar-battery-storage-catches-fire-evacuations-issued/3308882/>

July 2021, Geelong, Australia: During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.
<https://www.abc.net.au/news/2021-09-28/fire-at-tesla-giant-battery-project-near-geelong-investigation/100496688>

All these incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. These fires are impossible to extinguish, presenting a great risk to nearby homes. During the summer in particular, a fire at this facility could easily spread, affecting homes far beyond the immediate area. A fire would also release toxic gas/chemicals that have serious and long term effects on local wildlife and residents. It would make the general area uninhabitable for generations.

Given our rural settings, our TRI community emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders. It would put a strain on our local resources, as our local fire fighting resources are already strained.

ENVIRONMENTAL CONCERNS

With respect to Environmental Concerns, the impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Our Townships pristine natural environment could face similar threats, with potential contamination of our air, soil, and watershed resources. The proposed location for the Battery Storage Facility is within the Magnetawan River Watershed, as defined by the Ontario Watershed Information Tool. This mapping service shows there are two Magnetawan River tributaries.

The release of toxic chemicals in the battery will become airborne in the event of a fire, posing a great risk to the health of local residents, flora and fauna. Our area has seen our air quality deteriorate from wildfires in neighbouring provinces, provincial parks, never mind a chemical fire in our own townships.

In their Hazard Mitigation Analysis https://irp.cdn-website.com/20e551fd/files/uploaded/9_Hazard_Mitigation_Analysis-45c2e3d1.pdf

“Toxic and highly toxic gases released during fires and other fault conditions will not reach concentrations in excess of the IDLH level in the building or adjacent means of egress routes during the time deemed necessary

to evacuate occupants from that area.” “Given the Project 903 BESS is installed outdoors, where any gas release would be diluted by the entrainment of outside air, these gases, at the quantities measured during UL 9540A module level fire testing, would not be expected to have an adverse effect on individuals during the time deemed necessary to evacuate from the area (i.e., approximately 30 seconds to walk 100 ft away/evacuate from a burning EVLO BESS)”

Keep in mind, these fires won't be burning for 30 seconds, they will be burning for hours or days on end. Sure, we can be evacuated, but the toxic gases released into our environment, soils and watershed will have dire consequences.

COMMUNITY IMPACT

With respect to Community Impact, the presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township and our surrounding Townships. We value our communities for their tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In the event of a fire, the impact may be much farther reaching should the fire impact our waterways or ignite a wildfire. Many local businesses rely on tourism to keep their businesses afloat. Any pollution could have dire consequences for our local economy, our great outdoors, especially those reliant on a healthy ecosystem. This includes fishing and hunting outfits, short term rentals, outdoor activities, businesses along the main streets of our small towns and many, many more.

BENEFITS

Are there any benefits to this BESS system? The company who has proposed the storage facility has committed to monitoring the facility remotely via cameras. This means there will be minimal local employment opportunities (aside from the initial setup/construction potential) and a singular landowner reaping the vast majority of the benefits. No value from the additional saved energy is being put back into the surrounding townships!

This storage facility is set to close in 2047 but the company has only set aside \$60,000 to remediate the property. Even in today's market, this is substantially under bid. The greater risk is that this company will no longer exist in 20+ years and they won't be liable for the remediation plan.

That's a lot of Risk for little to no Benefit to all of us!

For all these reasons, I urge the council to consider not approving the application for the proposed BESS system in Armour Township.

I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment. There are other cleaner, safer solutions.

Thank you.

Ana & Dino Cultraro

Peggs Mountain Rd - Township of Ryerson

Charlene Watt (Deputy Clerk)

From: Sandra Anderson
Sent: March 7, 2025 4:49 PM
To: Charlene Watt (Deputy Clerk)
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear Charlene Watt, Deputy Clerk

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township. I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,
Sandra Anderson
Katrine Road
Burk's Falls, Ont.

Charlene Watt (Deputy Clerk)

From: Cari Bradley
Sent: March 7, 2025 5:52 PM
To: Armour Township Clerk
Subject: Proposed Lithium Battery Storage Facility

Dear Charlene Watt,

I am writing this email to express my strong opposition to the proposed Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being and if you were not aware, have been associated with several hazardous incidents in recent years. There have been very recent massive fires requiring evacuation of residents in that area due to toxic smoke, some have resulted in casualties and serious injuries. In addition to that, regardless of how much training firefighters have, lithium battery fires are very difficult and, in some cases, nearly impossible to extinguish.

Apart from these risks I have just explained, the potential impact on the environment from lithium battery fires is profound. Toxic chemicals get released into our air and nearby waterways and I will add that the Magnetawan River is less than 2kms away from the property that will potentially house the storage facility. This could be detrimental to our pristine natural environment. This is not a risk worth taking!

Residents in Armour Township value our community for its tranquility and natural beauty. Another important point to consider with the introduction of such a facility is that this facility could decrease property values and if this proposed lithium storage facility is such an asset to our community, why would property values go down then? Perhaps because people understand the risks living in its vicinity.

In light of these serious concerns, I urge the council to reject the proposal for the BESS in Armour Township. I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,
Cari Bradley

Charlene Watt (Deputy Clerk)

From: Ashley Awan
Sent: March 7, 2025 3:03 PM
To: Armour Township Clerk
Subject: BESS Proposal

To whom it may concern;

I am writing to formally express my opposition over the proposed BESS facility in Armour Township.

As a resident in a nearby township (living less than 12km from the proposed site), I am extremely worried for the safety and well-being of my young family and my community.

The following are some of my main concerns:

Structure Fire - Lithium battery fires are impossible to extinguish, presenting a great risk to nearby homes. During the summer in particular, a fire at this facility could easily spread affecting homes far beyond the immediate area. A fire would also release chemicals that have serious and long term effects on local wildlife and residents. It would make the general area uninhabitable for generations.

Strain on Local Resources - Lithium battery fires cannot be put out. They must burn until they extinguish. Our local fire fighting resources are already strained. This storage facility would require our local firefighters to gain additional training and equipment and would be a very dangerous fire to fight.

Water Contamination - The proposed location for the Battery Storage Facility is within the Magnetawan River Watershed, as defined by the Ontario Watershed Information Tool. This mapping service shows there is water on the property that connects to the Magnetawan River Waterway.

Air Pollutants - The chemicals in the battery will become airborne in the event of a fire, posing a great risk to the health of local residents, flora and fauna. Our area has seen our air quality deteriorate from wildfires in neighbouring provinces, nevermind a chemical fire in our own township.

Diminished Property Values - The multitude of risks this storage facility carries has a great impact on the property values of the surrounding homes. In the event of a fire, the impact may be much farther reaching should the fire impact our waterways or ignite a wildfire.

Minimal Economic Benefit - The company who has proposed the storage facility has committed to monitoring the facility remotely via cameras. This means there will be minimal local employment opportunities, apart from a singular landowner reaping the vast majority of the benefits.

Risk to Local Businesses - Many local businesses rely on tourism to keep their businesses afloat. Any pollution could have dire consequences for our local economy, especially those reliant on a healthy ecosystem. This includes fishing

and hunting outfits, short term rentals, the businesses along the main streets of our small towns and many, many more.

Inadequate Remediation Plan - This storage facility is set to close in 2047 but the company has only set aside \$50,000 to remediate the property. Even in today's market, this is substantially under bid. We also run the even greater risk that this company will no longer exist in 20+ years and they won't be liable for the remediation plan.

While I recognize the importance of renewable energy solutions and the role that energy storage can play in modernizing our grid, I believe that this facility poses significant concerns that cannot be overlooked. I believe that alternative locations or methods for energy storage and renewable energy development should be considered; ones that do not negatively impact our environment, safety, and community well-being.

I urge you to reconsider this proposal and explore other options that can meet our energy needs without compromising the values and integrity of our community.

Thank you for your attention to this matter. I look forward to hearing your thoughts and hope for a solution that is in the best interest of all involved.

Regards,
Ashley Awan
Township of Perry

RECEIVED

MAR 04 2025

TOWNSHIP OF ARMOUR

- **Subject:** Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear *Armour Township Councillors and staff*

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years. Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental

damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township.

I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter

T. L. Cowan

Millies Way

Burks Falls, ON, POA 1C0

March 2, 2025

DELIVERED BY EMAIL: clerk@armourtownship.ca and rward@armourtownship.ca

Township of Armour
56 Ontario Street
PO Box 533
Burk's Falls, ON P0A 1C0

Attention: Charlene Watt, Clerk and Rod Ward, Mayor of Armour Township

Dear Clerk Watt and Mayor Ward,

RE: Letter of Opposition: Application for the Installation of a Lithium Battery Storage System for Concession 6, Part Lot 3

This is my 2nd letter I am submitting on behalf of my family who owns property immediately east of and shares the property line with the above-noted Concession and Lot. For your reference, I have attached my 1st letter to the Township dated January 26, 2025, to this letter as Appendix "A".

My mother has received a letter from the Township of Armour, dated February 18, 2025, wherein it states to make oral or written submissions before the Township Council considers the Official Plan Amendment and Zoning By-Law Amendment. Please consider this letter as our official letter of opposition.

As adjacent property owners, my family has serious concerns about the Application submitted by the Company, SolarBank, and we are in strong opposition of this facility being built.

Additional Concerns on behalf of my Family, since my 1st letter to your office:

- My mother's ability to renew her property insurance with this potentially dangerous facility next door. Not only adjacent property owners will face this additional challenge, but the whole neighbourhood will also be affected. Also, should my mom have to make a claim to an insurance company from damage caused by the facility next door she would likely be denied any compensation. This is unfair to my mother who has the right and choice to purchase property insurance.
- Property Values will certainly decrease with these industrial installations in the area, including the already existing solar panels.
- With an installation such as this, with the potential of being so dangerous, why are the community members the last ones to be consulted when we should be the first ones consulted. Community safety should be the main concern of Armour Township.

- **No notice** was given to adjacent property owners in 2022, by SolarBank, of the public meeting that took place at the Katrine Community Centre on November 2, 2022. This Company is not following proper procedures. We knew nothing about the public meeting in November, 2022. I emailed SolarBank on February 4, 2025 asking for an explanation as to why they did not provide notice to adjacent property owners in 2022. I have sent follow up emails to this Company throughout the month of February, 2025, and I am still waiting to hear back from SolarBank.

I have also learned that SolarBank submitted an Application to the Town of Gravenhurst in 2023 and later withdrew it due to community outcry.

I have emailed Scott Aitchison, our local MPP, to make him aware of this Application that has been proposed for a residential area and asked him to take a lead role in opposing this Application.

Please see the links below, these are more examples of lithium batteries at storage locations catching fire because they run so hot (thermal runaway):

[Fire at battery plant in Moss Landing, California, forces evacuations | AP News](#)

[Brantford Fire still investigating storage unit battery fire](#)

Please also see the links below, where communities have removed support for BESS and where applications have been withdrawn over community concern:

[Gravenhurst resident decries spot for energy storage system](#)

<https://www.ctvnews.ca/ottawa/article/proposed-battery-storage-site-in-ottawas-west-end-raises-safety-concerns-from-residents/>

<https://www.guelphtoday.com/wellington-county/concerns-raised-over-proposed-fergus-battery-energy-storage-system-9860004>

[Council removes support for BESS in Official Plan amendment - Picton Gazette | The Picton Gazette](#)

Additional Concerns at the Proposed Site:

- **Regular blasting at Fowler's gravel pit/quarry situated across the road from this proposed site, the tremors we feel on blast days will also be felt at the property next door.**
- Risk of fire/explosion and environmental damage. Our volunteer fire department is not equipped for an environmental disaster and would need special training and special equipment to deal with battery fires. I have also read that these fires need to be left alone

to burn out and that they can burn for several days or weeks. What toxic chemicals are in these black clouds of smoke while these fires are burning out?

- Chemicals from batteries leaching into the ground and water source. There is a dug well at each property in the area. Who cleans up chemicals from an environmental disaster? Where do we get our clean water from after our wells are contaminated?
- In the event of a fire/explosion, a large-scale evacuation would have to be done of the area. The first responders in our small community are not equipped to facilitate such a large evacuation.
- Is the Township expecting us to live on pins and needles every day, wondering when we will be required to evaluate and possibly lose our home and entire property, depending on which direction the wind is blowing that day. If not, my family losing everything, then it will be one of the other adjacent property owners.
- When the three solar farms were installed in the Burk's Falls area (and in Armour Township, specifically), despite community outcry, the community and the adjacent property owners had absolutely no say in the matter, the Province of Ontario just rubber stamped "approved" on all three solar farms that were developed.

Besides the infrastructure already being in place because of the solar panels on this property, it makes ZERO sense to me to put this facility in a residential neighbourhood, an area that is surrounded by beautiful forest and a great deal of wildlife. There must be an industrial area somewhere in Ontario where this facility could be built, that also has infrastructure in place with connections to the power grid.

Armour Township needs to put the safety and well being of their residents first and foremost, these are the people paying property taxes, make the safety of the people in this community a priority, rather than an afterthought.

Sincerely,

Alice Hewitt

Signed on behalf of both Elizabeth Hewitt and Alice Hewitt
Pegg's Mountain Road, Burk's Falls, ON POA 1C0

cc: Joe Readman, Fire Chief, Township of Armour/Ryerson (fire@ryersontownship.ca)

cc: George Sterling, Mayor of Ryerson Township (mayor@ryersontownship.ca)

cc: Scott Aitchison, MPP (Scott.Aitchison@parl.gc.ca)

APPENDIX “A”

January 26, 2025

DELIVERED BY EMAIL: deputyclerk@armourtownship.ca

Township of Armour
56 Ontario Street
PO Box 533
Burk's Falls, ON P0A 1C0

Attention: Charlene Watt, Deputy Clerk

Dear Deputy Clerk Watt,

RE: Application for the Installation of a Lithium Battery Storage System for Concession 6, Part Lot 3

I am writing this letter on behalf of my family who owns property immediately east of and shares the property line with the above-noted Concession and Lot.

Our family farm has been in the Hewitt name for the past 90 years. We love our property, and we know for certain, many of our neighbours also love living on Pegg's Mountain Road. We cannot quietly sit back anymore and watch our neighborhood be destroyed. We have serious concerns about the Application submitted by the Company, SolarBank. I have also read the Minutes from the meeting held in Katrine on November 2, 2022, and have learned that this proposed storage system is not storing energy from the solar panels already installed on this property, that it is actually storing energy off the main power grid. It appears to me that this is a convenient opportunity for the property owner to benefit from more passive income. Our concerns are outlined below.

Environmental Impact and Safety of the Neighbourhood

- What responsibilities does this property owner have to ensure the safe operation of this storage system and to ensure no harm will come to any neighbours and their properties?
- Does this storage facility give off noise?
- Does this storage system give off gasses and/or chemicals? Has research been done to determine if the gasses etc., are cancer causing?
- Do the other solar farms in the Burk's Falls area already have these storage systems in place?

Safety of the Storage System

We have serious concerns about leakage, fire and explosion from this storage system and the leakage of chemicals into the ground and water sources. We have a dug well and plant a vegetable garden every summer. If our property becomes contaminated, who is responsible for providing us with clean water and healthy ground for the vegetable harvest. Would we simply receive an email from SolarBank saying “so sorry for your loss”?

We also have a lot of wildlife that call our neighbourhood home too. We see deer, moose, fox, rabbits, turkeys, just to name a few, on a regular basis. If the streams and ponds in the area were to become contaminated, then our wildlife would surely die.

Responsibilities of SolarBank and Liability for Damage to Property

- Is SolarBank committed to providing emergency training to first responders in Burk’s Falls, being the fire department, paramedics and police, in the event of a fire and/or explosion at this battery storage system?

We are very concerned that our Village Fire Department, which consists largely of volunteer fire fighters, is not equipped to deal with a major environmental catastrophe, which seems entirely possible with this type of battery storage system, given the news reports I am reading about this technology.

- Is SolarBank committed to paying the neighbours for loss and damage to property from a fire and/or explosion at this storage system?

We have researched this type of storage system and have learned that in the event of a fire and/or explosion, that the neighbourhood would have to be evacuated within a 20-mile radius, and that a fire of this nature can burn for days.

News Articles: [Emerging Hazards of Battery Energy Storage System Fires | FEMA.gov](#)
[Fire burns for five days at huge lithium-ion energy storage facility | Recharge](#)
[‘Close call’ fire in Huntsville Ont. prevented](#)

I cannot image that the Township of Armour would agree to have such a facility built given that the Township must be aware of the high risk associated with environmental disaster, the potential for property damage and the potential for loss of life.

- Is SolarBank committed to performing regular inspections of this storage system? How often are these inspections going to take place? Is SolarBank going to report back to the Township Office each and every time they have conducted a successful safety inspection of this facility? Our research shows that a facility like this needs to be monitored

constantly for temperature, that the storage system needs to be kept within a certain temperature range and if one unit catches fire, it's a chain reaction.

News Article: [Fire Inspection Requirements for Battery Energy Storage Systems - Hiller Fire](#)

- When these batteries explode, what type of chemicals are released, are these chemicals then seeping into the ground and water supply?
- Are building codes and safety codes going to be followed when building this facility to ensure measures are in place in the event of a fire and/or explosion?
- These batteries will be located outdoors, how do they react to our cold winter temperatures? News Articles show that fires are more common in the cold temperatures with these batteries.

News Articles:

[Understanding the Risks of Fire in Battery Storages - MoviTHERM](#)

[Lithium-ion batteries: Mitigating the risks around their use and storage - QBE Canada](#)

[Effect of low temperature on thermal runaway and fire behaviors of 18650 lithium-ion battery: A comprehensive experimental study - ScienceDirect](#) [this article confirms that studies at low temperatures with these batteries are quite limited]

- If this type of storage facility is not storing energy from the solar panels already installed at this particular property, then our suggestion is that the company choose a location for its battery storage facility that is farther away from a populated community. Wouldn't an industrial area be more appropriate for this type of facility?
- Will our electricity next door to this facility, be affected, such as brown outs or black outs?

In Conclusion

I sincerely hope the Township of Armour research this type of storage system before approving this application and I strongly encourage the Township to consider a different location for such a facility, perhaps a less populated location.

I have read the reports provided by SolarBank, that have been posted to the Township's website and let's face it, a large corporation that operates globally can put whatever they want in their reports in an effort to appease us.

Also, if this facility is built and considered a success by SolarBank, then what does the future hold for the Burk's Falls area, battery storage facilities in every vacant field?

I look forward to attending the next meeting at the Township Office regarding this Application and I also hope that a representative from SolarBank attends this next meeting, as I will insist on an answer to each and every question set out in this letter.

I also hope that a representative from each of our first responders is present at this next meeting, it is vitally important that the police, fire department and paramedics are fully aware of what they are potentially dealing with in their community.

And finally, it saddens me a great deal to see our rural communities and our beautiful farm properties being severed for more housing and also leased out to these large companies and driven by one factor only, greed.

Sincerely,

Alice Hewitt

Signed for both Elizabeth Hewitt and Alice Hewitt
Pegg's Mountain Road, Burk's Falls, ON POA 1C0

Charlene Watt (Deputy Clerk)

From: Liz Hewitt
Sent: March 2, 2025 5:07 PM
To: Charlene Watt (Deputy Clerk); Mayor Rod Ward
Subject: BESS -Battery Storage Facility - 219 Pegg's Mountain Road - Email in Opposition

Good afternoon Deputy-Clerk Watt and Mayor Ward,

This is my personal letter of opposition to the proposed battery facility next door to my property on Pegg's Mountain Road. I know my daughters have all expressed their deep concern over this situation. I am very proud of them to have stood up and dared to be heard.

The Hewitt family has owned and paid taxes to Armour Township for 90 years, on this 100 acres. I have lived here myself for 60 of those years. This is our home and we love it. This has been a beautiful rural area where the farming community took pride in caring for their land and their animals, and as neighbours we had respect for each other.

I am concerned that I may have issues renewing my property insurance with a possibly dangerous facility next door. Should I ever have a claim based on damage done to my property from the facility next door, I may be denied compensation.

Another concern I have are property values. With industrial facilities next door, I doubt very much that I would be able to sell my property at market value, should I want to do that one day.

This situation is extremely unfair and the taxpayers of Armour Township deserve better than this.

With an installation such as this one, having the potential to be extremely dangerous to the neighbourhood and the whole community, why is the taxpayer's opposition relegated to the bottom of the list in consideration?

This whole thing should have gone before the people in the first place, rather than being treated as an after-thought. We love the beauty of nature here, the fresh air and water, the wildlife which continue to roam through here and the ability to grow our own vegetables. God created our beautiful countryside and simply asked us to "tend it and care for it". Mankind, instead creates pollution !

Please consider very carefully our homes, our families and our safety.

Regards,
Elizabeth Hewitt

Charlene Watt (Deputy Clerk)

From: Grace McCoy
Sent: March 2, 2025 6:15 PM
To: Charlene Watt (Deputy Clerk)
Cc: Armour Township Clerk
Subject: 219 Peggs Mountain Road

Hello Charlene, I am writing in response to the notice letter that went out last week to adjacent property owners.

I am opposed to the amendments of the official plan (OPA 2025-01) and the zoning bylaw amendment as well (ZBA 2025-01).

I want this letter to be my written submission so I am not left out if the time comes that we proceed with an appeal to the Ontario Land Tribunal.

I am also drafting another letter of opposition to be added into your file.

Thank you,
Grace McCoy.

Get [Outlook for Android](#)

Charlene Watt (Deputy Clerk)

From: Ana Cultraro
Sent: February 27, 2025 4:12 PM
To: Mayor Rod Ward; Councillor Jerry Brandt; Councillor Wendy Whitwell; Councillor Rod Blakelock; Councillor Dorothy Haggart-Davis; Armour Township Clerk; Dave Gray
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear Armour Township Mayor and Councillors

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years. Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Brantford ON (September 2024): A fire at Aypa Power Canada's storage facility saw flames contained to one unit and thankfully no injuries. The cause is still being investigated. According to a spokesperson for the Ministry of Environment, firewater runoff from the site impacted a retention pond as well as a nearby creek. The Fire Chief said the protocol for dealing with such a battery fire is to let it burn out while monitoring both water run-off and air quality. This incident highlights the challenges of putting out these fires.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting and our neighbouring townships as well, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township and Ryerson Township have pristine natural environments that could face similar threats, with potential contamination of our air, soil, and water resources. **The proposed location for the Battery Storage Facility is within the Magnetawan River Watershed, as defined by the Ontario Watershed Information Tool. This mapping service shows there are two Magnetawan River tributaries.**

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of

Armour and Ryerson Township Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township. This will impact not only Armour Township but all our neighbouring communities.

I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,

Ana & Dino Cultraro

Peggs Mountain Rd, Ryerson Township

Charlene Watt (Deputy Clerk)

From: Natasha Gocool <Natasha.Gocool@oeb.ca>
Sent: February 19, 2025 3:36 PM
To: Charlene Watt (Deputy Clerk)
Subject: FW: Township of Armour: Notice of Complete Application OPA & ZBA- Lithium Battery Energy Storage System (BESS)
Attachments: Notice of Complete Application - Circulation 02182025.pdf; 2. BESS Site Plan.pdf
Importance: High

Good Afternoon Ms. Watt,

Thank you for submitting the Notice of Complete Application and a copy of the BESS Site plan.

Please note, section 57 of the *Ontario Energy Board Act, 1998* (OEB Act) requires entities to hold an electricity storage licence.

An electricity storage licence enables the licensee to generate electricity or provide ancillary services for sale through the IESO-administered markets or directly to another person; purchase electricity or ancillary services in the IESO-administered markets or directly from a generator; and sell electricity or ancillary services through the IESO-administered markets or directly to another person, other than a consumer.

There are certain exemptions from the requirement to hold an electricity storage licence. One of those exemptions is that a person who owns or operates one or more facilities each with a total name plate capacity of 500 kilowatts or less is exempt from the need to obtain an electricity storage licence.

SolarBank Corporation would be required (as per the above) to be licensed to own and operate the BESS storage facility, as described in the attached documents.

I'm not sure if you or SolarBank Corporation is aware of the licence requirements, but I am providing it to you.

For more information, please visit the [OEB's licence webpage](#).

If you have any questions, please let me know.

Thanks,

Natasha Gocool, Advisor, Transmission Policy & Compliance, Consumer Protection & Industry Performance
2300 Yonge Street, 27th Floor, Toronto ON M4P 1E4 | [OEB.ca](#)



ONTARIO
ENERGY
BOARD

COMMISSION
DE L'ÉNERGIE
DE L'ONTARIO



From: Charlene Watt (Deputy Clerk) <deputyclerk@armourtownship.ca>
Sent: Wednesday, February 19, 2025 1:40 PM

Charlene Watt (Deputy Clerk)

From: Mayor Rod Ward
Sent: February 19, 2025 2:32 PM
To: Ana Cultraro; Councillor Jerry Brandt; Councillor Wendy Whitwell; Councillor Rod Blakelock; Councillor Dorothy Haggart-Davis
Cc: Armour Township Clerk; Dave Gray
Subject: RE: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Apologies, forgot to add Charlene and Dave from Armour staff.

Rod Ward
Mayor – Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Office: 705-382-3332...
Direct: 705-380-7654 (cell) or 705-380-7177 (home)
Email: rward@armourtownship.ca
Website: www.armourtownship.ca

From: Mayor Rod Ward
Sent: February 19, 2025 2:30 PM
To: Ana Cultraro - - - - - Councillor Jerry Brandt <jbrandt@armourtownship.ca>; Councillor Wendy Whitwell <wwhitwell@armourtownship.ca>; Councillor Rod Blakelock <rblakelock@armourtownship.ca>; Councillor Dorothy Haggart-Davis <dhaggart_davis@armourtownship.ca>
Subject: RE: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Good day, Ana...

Thank you for your letter of concern regarding the BESS application. All concerns will be brought forward at the public meeting when this item is discussed in front of Council. As per our process for all Planning applications of this sort, we will review their application in detail and we will take all input for the application, whether in-favour or against, into consideration. Armour Council in its entirety will review the application, as well as any letters of concern, any feedback from the proponent, any information from peer reviews (which will be done to help us assess the applicant's information), and any pertinent information from folks such as the Fire Department.

Our Clerk, Charlene, (copied here) is collecting all of these emails, letters of concern, etc. so all of Council has a chance to review.

Rod

Rod Ward
Mayor – Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Office: 705-382-3332...
Direct: 705-380-7654 (cell) or 705-380-7177 (home)
Email: rward@armourtownship.ca
Website: www.armourtownship.ca

From: Ana Cultraro
Sent: February 19, 2025 11:19 AM
To: Mayor Rod Ward <rward@armourtownship.ca>; Councillor Jerry Brandt <jbrandt@armourtownship.ca>; Councillor Wendy Whitwell <wwhitwell@armourtownship.ca>; Councillor Rod Blakelock <rblakelock@armourtownship.ca>; Councillor Dorothy Haggart-Davis <dhaggart_davis@armourtownship.ca>
Cc: Ana Cultraro <ana.froggie@gmail.com>
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear Armour Township Council

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Although I'm not a resident of Armour Township, I am a concerned resident of neighbouring Ryerson township who will suffer the same risks due to our proximity.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting and neighbouring township, our TRI community emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's as well as Ryerson's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township, and ours should it ever be decided to do the same in Ryerson township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to help our neighbour township and reject the proposal for the BESS in Armour Township.

I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,

Ana Cultraro
Peggs Mountain Rd
Ryerson, ON
P0A1C0

Charlene Watt (Deputy Clerk)

From: Mayor Rod Ward
Sent: February 15, 2025 6:19 AM
To: Cari Bradley
Cc: Dave Gray; Armour Township Clerk
Subject: RE: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Good day, Cari...

Thank you for your letter of concern regarding the BESS application. All concerns will be brought forward at the public meeting when this item is discussed in front of Council. As per our process for all Planning applications of this sort, we will review their application in detail and we will take all input for the application, whether in-favour or against, into consideration. Armour Council in its entirety will review the application, any letters of concern, any feedback from the proponent, any information from peer reviews (which will be done to help us assess the applicant's information), and any pertinent information from folks such as the Fire Department.

Our Clerk, Charlene, (copied here) is collecting all of these emails, letters of concern, etc. so all of Council has a chance to review.

Rod

End Email
Mayor – Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Office: 705-382-3332...
Direct: 705-380-7654 (cell) or 705-380-7177 (home)
Email: rward@armourtownship.ca
Website: www.armourtownship.ca

From: Cari Bradley
Sent: February 14, 2025 9:56 PM
To: Mayor Rod Ward <rward@armourtownship.ca>
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear Mayor Rod Ward,

I am writing this email to express my strong opposition to the proposed Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being and if you were not aware, have been associated with several hazardous incidents in recent years. There have been very recent massive fires requiring evacuation of residents in that area due to toxic smoke, some have resulted in casualties and serious injuries. In addition to that, regardless of how much training firefighters have, lithium battery fires are very difficult and, in some cases, nearly impossible to extinguish.

Apart from these risks I have just explained, the potential impact on the environment from lithium battery fires is profound. Toxic chemicals get released into our air and nearby waterways and I will add that the Magnetawan River is less than 2kms away from the property that will potentially house the storage facility. This could be detrimental to our pristine natural environment. This is not a risk worth taking!

Residents in Armour Township value our community for its tranquility and natural beauty. Another important point to consider with the introduction of such a facility is that this facility could decrease property values and if this proposed lithium storage facility is such an asset to our community, why would property values go down then? Perhaps because people understand the risks living in its vicinity.

In light of these serious concerns, I urge the council to reject the proposal for the BESS in Armour Township. I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,
Cari Bradley

Charlene Watt (Deputy Clerk)

From: Laura Page
Sent: February 14, 2025 9:29 AM
To: Mayor Rod Ward; Charlene Watt (Deputy Clerk)
Subject: Lithium Battery Facility

I'm very concerned about the Facility on Pegg's Mountain property. I live around the corner from it.

We have concerns about how much of a Fire Risk it is .

Our Fire Dept won't be able to contain it on their own. Unknown how many days it will burn and if it spreads into the bush.

It will ruin the water ways & water tables. Also many houses could be destroyed and people's lives.

Also if near by Fire Depts need to help it will leave Villages , Townships without protection possibly for days.

Then if Evacuations are needed what's the plan for that. ? Who, What, Where , How

Neighboring Municipal Offices should be be notified of this Facility. It affects everyone in the Almaguin Highlands.

Please mail out this Complete Application for this Facility. There are lots of residents that don't know cause they don't have internet.

Please take time to consider Fire Risks , Air, and Evacuations. And the damage this can do to our beautiful communities near & far.

Thanks

Laura

Sent from my Bell Samsung device over Canada's largest network.

Charlene Watt (Deputy Clerk)

From: Mayor Rod Ward
Sent: February 13, 2025 11:27 AM
To: Sandra Anderson
Cc: Dave Gray; Armour Township Clerk
Subject: RE: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Thanks for your note of concern, Sandra...I have copied our CAO and Clerk for our files.

Rod

Rod Ward
Mayor – Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Office: 705-382-3332...
Direct: 705-380-7654 (cell) or 705-380-7177 (home)
Email: rward@armourtownship.ca
Website: www.armourtownship.ca

From: Sandra Anderson
Sent: February 13, 2025 10:48 AM
To: Mayor Rod Ward <rward@armourtownship.ca>
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear Rod Ward, Mayor

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.

- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township. I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,
Sandra Anderson
Katrine Road
Burk's Falls, Ont.

Charlene Watt (Deputy Clerk)

From: Mayor Rod Ward
Sent: February 13, 2025 9:19 AM
To: Dave Gray; Armour Township Clerk
Subject: FW: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

FYI...second one I've seen with identical information to Scott and Graydon...and Great North Arrow...

Dear Rod
Mayor – Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Office: 705-382-3332...
Direct: 705-380-7654 (cell) or 705-380-7177 (home)
Email: rward@armourtownship.ca
Website: www.armourtownship.ca

From: Carolann Moore
Sent: February 13, 2025 9:11 AM
To: Aitchison, Scott - M.P. <scott.aitchison@parl.gc.ca>; Greatnortharrow@gmail.com; Smith, Graydon <graydon.smith@pc.ola.org>; Mayor Rod Ward <rward@armourtownship.ca>
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear
Scott Aitchison, MP
Graydon Smith, MPP
Rod Ward, mayor
Editor Great North arrow

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.

- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township. I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,

Carolann Moore

ARMOUR RESIDENT

Sent from my Bell Samsung device over Canada's largest network.

Charlene Watt (Deputy Clerk)

From: Mayor Rod Ward
Sent: February 13, 2025 10:07 AM
To: Dave Gray; Armour Township Clerk
Subject: FW: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

FYI

Mayor – Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Office: 705-382-3332...
Direct: 705-380-7654 (cell) or 705-380-7177 (home)
Email: rward@armourtownship.ca
Website: www.armourtownship.ca

-----Original Message-----

From: Barbara MacPherson <
Sent: February 13, 2025 9:47 AM
To: Greatnortharrow@gmail.com; Scott.Aitchison@parl.gc.ca; graydon.smith@pc.ola.org; Mayor Rod Ward
<rward@armourtownship.ca>
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear
Scott Aitchison, MP
Graydon Smith, MPP
Rod Ward, mayor
Editor Great North arrow

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township. I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,

Barbara MacPherson

Charlene Watt (Deputy Clerk)

From: Mayor Rod Ward
Sent: February 13, 2025 10:07 AM
To: Dave Gray; Armour Township Clerk
Subject: FW: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

fyi

Rod Ward
Mayor – Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Office: 705-382-3332...
Direct: 705-380-7654 (cell) or 705-380-7177 (home)
Email: rward@armourtownship.ca
Website: www.armourtownship.ca

From: Marie Odorizzi
Sent: February 13, 2025 8:55 AM
To: Greatnortharrow@gmail.com; Scott.Aitchison@parl.gc.ca; graydon.smith@pc.ola.org; Mayor Rod Ward
<rward@armourtownship.ca>
Subject: Opposition to Proposed Lithium Battery Storage Facility in Armour Township

Dear ,
Scott Aitchison, MP
Graydon Smith, MPP
Rod Ward, Mayor
Editor Great North arrow

I am writing to express my strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- **Moss Landing, California (January 2025):** A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- **Hwaseong, South Korea (June 2024):** An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- **Valley Center, California (September 2023):** A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.

- **Geelong, Australia (July 2021):** During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires.

These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries. Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy.

In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township. I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment.

Thank you for your attention to this critical matter.

Sincerely,

Marie Odorizzi
Garage Rd, Armour Township

Charlene Watt (Deputy Clerk)

From: Mayor Rod Ward
Sent: February 14, 2025 5:43 AM
To: John
Cc: Dave Gray; Armour Township Clerk
Subject: RE: Opposition to the Lithium Battery Storage Facility in Armour Township

Good day, Nancy and John...

Thank you for your letter of concern regarding the BESS application. All concerns will be brought forward at the public meeting when this item is discussed in front of Council. As per our process for all Planning applications of this sort, we will review their application in detail and we will take all input for the application, whether in-favour or against, into consideration. Armour Council in its entirety will review the application, any letters of concern, any feedback from the proponent, any information from peer reviews (which will be done to help us assess the applicant's information), and any pertinent information from folks such as the Fire Department.

Charlene (copied here) is collecting all of these emails, letters of concern, etc. so all of Council has a chance to review.

Rod

Rod Ward
Mayor – Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Office: 705-382-3332...
Direct: 705-380-7654 (cell) or 705-380-7177 (home)
Email: rward@armourtownship.ca
Website: www.armourtownship.ca

From: John
Sent: February 13, 2025 12:00 PM
To: Mayor Rod Ward <rward@armourtownship.ca>
Subject: Opposition to the Lithium Battery Storage Facility in Armour Township

Dear Mayor Ron Ward,

As a small business owner in Ryerson Township where we live and operate our Property Management Company, with customers throughout the Almaguin Region, we care deeply about our lovely community and pristine wilderness as well as the people who reside here and vacation here. We are writing to you to express our strong opposition to the proposed 4.99 MW Battery Energy Storage System (BESS) in Armour Township. While I recognize the importance of advancing renewable energy solutions, the history of lithium battery storage facilities raises significant concerns regarding public safety, environmental impact, and community well-being.

Public Safety Risks: Lithium battery storage facilities have been associated with several hazardous incidents in recent years.

Notably:

- Moss Landing, California (January 2025): A massive fire at one of the world's largest battery storage facilities led to the evacuation of approximately 1,500 residents due to toxic smoke. The incident highlighted the challenges in managing lithium-ion battery fires, which can emit harmful gases and are difficult to extinguish.
- Hwaseong, South Korea (June 2024): An explosion and subsequent fire at a lithium battery factory resulted in 23 fatalities and eight injuries, underscoring the potential dangers associated with such facilities.
- Valley Center, California (September 2023): A fire erupted inside a battery storage container at the Valley Center Energy Storage Facility, leading to evacuations and shelter-in-place orders for nearby residents. This incident emphasized the risks of thermal runaway in lithium-ion batteries.
- Geelong, Australia (July 2021): During initial testing, a fire broke out in one of the Tesla Megapack modules at the Victorian Big Battery site. The fire took three days to extinguish, highlighting the challenges in controlling lithium-ion battery fires. These incidents demonstrate the inherent risks of thermal runaway, fires, and explosions associated with lithium-ion batteries.

Given Armour Township's rural setting, our emergency response capabilities may be insufficient to effectively manage such emergencies, potentially endangering residents and first responders.

Environmental Concerns: The environmental impact of lithium battery fires is profound. The Moss Landing incident, for example, resulted in the release of toxic chemicals into the air and nearby waterways, causing significant environmental damage. Armour Township's pristine natural environment could face similar threats, with potential contamination of our air, soil, and water resources.

Community Impact: The presence of a large-scale industrial battery storage facility is incongruent with the character of Armour Township. Residents value our community for its tranquility and natural beauty. The introduction of such a facility could adversely affect property values and diminish the quality of life we currently enjoy. In light of these concerns, I urge the council to reject the proposal for the BESS in Armour Township. I advocate for the exploration of alternative energy solutions that do not carry the same level of risk to our community's safety and environment. Thank you for your attention to this critical matter.

Sincerely,

Nancy and John

South Horn Lake Road

Burk's, Falls, On

Nancy and John Punter

Punter Property Management Services

Nancy

John

Charlene Watt (Deputy Clerk)

From: Susan Hewitt
Sent: January 27, 2025 11:07 PM
To: Charlene Watt (Deputy Clerk)
Subject: Letter of Concern Regarding Proposed Lithium-ion Battery Storage Facility

Good Evening Charlene,

I am writing in response to the proposed Lithium-ion battery storage facility @ 219 Pegg's Mountain Road.

Our family farm is located just next door to the East @ Pegg's Mountain Road. I want to make it very clear that this is a letter of opposition to this project. Our farm has been in our family for MANY years. It has saddened me over the years when I come home to see another farm gone and the land being misused and mistreated. Especially when we are commanded in scripture to be good caretakers of what God has given us. This is not being good stewards at all.

I've been blessed over the past 40 years as a health care professional and when I look at the potential health implications of such a project going wrong or worse it is down right frightening to me.

This technology is fairly new and from the research I have done recently tells me there is still a lot of kinks to iron out. These lithium-ion batteries are very sensitive in nature. They have to be stored in a controlled environment at a certain temperature. (room temperature). When these batteries are abused or misused due to overcharging, over-discharging and physical damage then the release of gases occur. If the battery terminals come into direct contact it can short circuit, leading to a rapid discharge, and heat build-up which would result in an explosion.

To date all lithium-ion chemistries carry inherent flammable gassing risk. In the event of a fire/explosion it releases a cocktail of toxic gases-hydrogen fluoride when mixed with water forms hydrofluoric acid. It also releases other gases such as: hydrogen cyanide, hydrogen chloride, sulfur dioxide, fluorinated phosphorus and lithium based compounds. Asphyxiant gas and CO2. These gases will cause severe respiratory distress, skin burns, eye irritation, COPD, asthma, systemic poisoning, affecting multiple organs. The fluoride ions can disrupt cellular functions, leading to severe health issues over time. No one wants this!!!

These types of fires are by far the hardest to extinguish because you can't use water on them. You need a foam extinguisher, Co2, ABC dry chemical, Fike Blue, powdered graphite, copper powder, or sodium carbonate. The fire can burn for days and days. Then there is the big vapour cloud to deal with. I don't think Burk's Falls is prepared to deal with such an environmental disaster!! Has our local fire department had special training for such fires? Do they have what they need to extinguish such a fire? If there had to be a mass evacuation of people does the police, firefighters, and paramedics have a plan in place? And what would happen if the highway was closed due to mounds of snow? This is serious stuff and not to be taken lightly. There are lives at stake here and people's homes.

Articles for your Reading: 1) A Growing Safety Concern: Health Hazards of Lithium-ion Battery Fires. www.cdnfirefighter.com

2) Fire not the only danger with Lithium-ion Batteries. www.ttclub.com

In closing, we the Hewitt family, have a lot of heart and passion for the things we love and we love the farm. Home is where the heart is. It is a safe haven for us and will continue to be. The people, our neighbours, love living on Pegg's Mountain Road.

The people wanting this project to go through don't really care how it affects the people on Pegg's Mountain Road. Let me say this it is always personal to someone. It always is! We are asking Armour Township to do the right thing here and axe the location of this project on Pegg's Mountain Road, and find another location that is not populated.

We live in precarious times today. So many unknowns in our world. The last thing my 86 year old mother needs to be thinking about at night is if the battery storage building next door is going to blow up. You would feel the same way if you were in our shoes.

Let us not fall to greed and selfish ambition, but a better use of this land would be to put up greenhouses and grow food to help feed people in need, rather than destroy the land that God gave us.

Sincerely,
Susan Hewitt

January 26, 2025

DELIVERED BY EMAIL: deputyclerk@armourtownship.ca

Township of Armour
56 Ontario Street
PO Box 533
Burk's Falls, ON P0A 1C0

Attention: Charlene Watt, Deputy Clerk

Dear Deputy Clerk Watt,

RE: Application for the Installation of a Lithium Battery Storage System for Concession 6, Part Lot 3

I am writing this letter on behalf of my family who owns property immediately east of and shares the property line with the above-noted Concession and Lot.

Our family farm has been in the Hewitt name for the past 90 years. We love our property, and we know for certain, many of our neighbours also love living on Pegg's Mountain Road. We cannot quietly sit back anymore and watch our neighborhood be destroyed. We have serious concerns about the Application submitted by the Company, SolarBank. I have also read the Minutes from the meeting held in Katrine on November 2, 2022, and have learned that this proposed storage system is not storing energy from the solar panels already installed on this property, that it is actually storing energy off the main power grid. It appears to me that this is a convenient opportunity for the property owner to benefit from more passive income. Our concerns are outlined below.

Environmental Impact and Safety of the Neighbourhood

- What responsibilities does this property owner have to ensure the safe operation of this storage system and to ensure no harm will come to any neighbours and their properties?
- Does this storage facility give off noise?
- Does this storage system give off gasses and/or chemicals? Has research been done to determine if the gasses etc., are cancer causing?
- Do the other solar farms in the Burk's Falls area already have these storage systems in place?

Safety of the Storage System

We have serious concerns about leakage, fire and explosion from this storage system and the leakage of chemicals into the ground and water sources. We have a dug well and plant a vegetable garden every summer. If our property becomes contaminated, who is responsible for providing us with clean water and healthy ground for the vegetable harvest. Would we simply receive an email from SolarBank saying “so sorry for your loss”?

We also have a lot of wildlife that call our neighbourhood home too. We see deer, moose, fox, rabbits, turkeys, just to name a few, on a regular basis. If the streams and ponds in the area were to become contaminated, then our wildlife would surely die.

Responsibilities of SolarBank and Liability for Damage to Property

- Is SolarBank committed to providing emergency training to first responders in Burk’s Falls, being the fire department, paramedics and police, in the event of a fire and/or explosion at this battery storage system?

We are very concerned that our Village Fire Department, which consists largely of volunteer fire fighters, is not equipped to deal with a major environmental catastrophe, which seems entirely possible with this type of battery storage system, given the news reports I am reading about this technology.

- Is SolarBank committed to paying the neighbours for loss and damage to property from a fire and/or explosion at this storage system?

We have researched this type of storage system and have learned that in the event of a fire and/or explosion, that the neighbourhood would have to be evacuated within a 20-mile radius, and that a fire of this nature can burn for days.

News Articles: [Emerging Hazards of Battery Energy Storage System Fires | FEMA.gov](#)
[Fire burns for five days at huge lithium-ion energy storage facility | Recharge](#)
[‘Close call’ fire in Huntsville Ont. prevented](#)

I cannot image that the Township of Armour would agree to have such a facility built given that the Township must be aware of the high risk associated with environmental disaster, the potential for property damage and the potential for loss of life.

- Is SolarBank committed to performing regular inspections of this storage system? How often are these inspections going to take place? Is SolarBank going to report back to the Township Office each and every time they have conducted a successful safety inspection of this facility? Our research shows that a facility like this needs to be monitored

constantly for temperature, that the storage system needs to be kept within a certain temperature range and if one unit catches fire, it's a chain reaction.

News Article: [Fire Inspection Requirements for Battery Energy Storage Systems - Hiller Fire](#)

- When these batteries explode, what type of chemicals are released, are these chemicals then seeping into the ground and water supply?
- Are building codes and safety codes going to be followed when building this facility to ensure measures are in place in the event of a fire and/or explosion?
- These batteries will be located outdoors, how do they react to our cold winter temperatures? News Articles show that fires are more common in the cold temperatures with these batteries.

News Articles:

[Understanding the Risks of Fire in Battery Storages - MoviTHERM](#)

[Lithium-ion batteries: Mitigating the risks around their use and storage - QBE Canada](#)

[Effect of low temperature on thermal runaway and fire behaviors of 18650 lithium-ion battery: A comprehensive experimental study - ScienceDirect](#) [this article confirms that studies at low temperatures with these batteries are quite limited]

- If this type of storage facility is not storing energy from the solar panels already installed at this particular property, then our suggestion is that the company choose a location for its battery storage facility that is farther away from a populated community. Wouldn't an industrial area be more appropriate for this type of facility?
- Will our electricity next door to this facility, be affected, such as brown outs or black outs?

In Conclusion

I sincerely hope the Township of Armour research this type of storage system before approving this application and I strongly encourage the Township to consider a different location for such a facility, perhaps a less populated location.

I have read the reports provided by SolarBank, that have been posted to the Township's website and let's face it, a large corporation that operates globally can put whatever they want in their reports in an effort to appease us.

Also, if this facility is built and considered a success by SolarBank, then what does the future hold for the Burk's Falls area, battery storage facilities in every vacant field?

I look forward to attending the next meeting at the Township Office regarding this Application and I also hope that a representative from SolarBank attends this next meeting, as I will insist on an answer to each and every question set out in this letter.

I also hope that a representative from each of our first responders is present at this next meeting, it is vitally important that the police, fire department and paramedics are fully aware of what they are potentially dealing with in their community.

And finally, it saddens me a great deal to see our rural communities and our beautiful farm properties being severed for more housing and also leased out to these large companies and driven by one factor only, greed.

Sincerely,

Alice Hewitt

Signed for both Elizabeth Hewitt and Alice Hewitt
Pegg's Mountain Road, Burk's Falls, ON P0A 1C0

Charlene Watt (Deputy Clerk)

From: Alice Hewitt <ahewitt@armourtownship.ca>
Sent: February 3, 2025 7:09 PM
To: Charlene Watt (Deputy Clerk)
Subject: Re: Lithium Ion Battery - Application - question

Hi Charlene,

Thanks for your reply.

Is the Township of Armour not bound by the *Municipal Act* to provide the "adjacent property owners" with Notice of all applications? If there is a section in the *Municipal Act* that states the company making the application is allowed to notify the adjacent property owners, instead of the Township, please direct me to that section of the *Act* so I can read that.

My mom has received Notices from the Township for other applications made by adjacent properties, such as Creasor's application to sever three building lots from this same property next door to us, my mom has also received Notice of the sub-division proposal, now known as Milly's Way, off Ferguson Road, and many other Notices over the years for other applications.

It's not clear to me why the Township would provide mailing addresses for the adjacent property owners, to the company making this Application, rather than just send the Notices out directly from the Township office. Can you please explain why this was handled this way, and why the process of giving notice was not followed up on by the Township to ensure that all adjacent property owners were properly notified.

I will also be submitting a 2nd letter of opposition to this particular Application to include another concern my family has relating to the Gravel Pit/Quarry operated by Fowler Construction, across the road from Creasor's property and on the west side of the River Road. This company does regular blasting of rocks. When the blasting takes place, there is a definite tremor felt at our farm. There could be two to three blasts per day and the company provides us written notice of when the blasting will take place. This is a huge concern for us living next door, that this blasting and tremors felt through the ground could affect the stability of this battery facility. I will also include in my 2nd letter the fact that we (and others) did not receive notice of this Application back in 2022.

Once again, looking forward to hearing back from you.

Regards,
Alice Hewitt

From: Charlene Watt (Deputy Clerk) <deputyclerk@armourtownship.ca>
Sent: February 3, 2025 8:51 AM
To: Alice Hewitt <ahewitt@armourtownship.ca>
Subject: RE: Lithium Ion Battery - Application - question

Hi Alice,

This is not the first time that I've heard that people did not receive the 2022 notice. I do recall sending the mailing addresses to Abundant Solar (SolarBank took over Abundant Solar). I would suggest that when you make your submission opposing the lithium BESS that you declare that the 2022 notice was not received and other owners within the proposed BESS also did not receive the public meeting notice.

Thank you,

Charlene Watt

Deputy Clerk, Dipl.M.M.
Township of Armour
PO Box 533, 56 Ontario Street
Burk's Falls, Ontario P0A 1C0
Telephone: 705-382-3332
Fax: 705-382-2068

Website: www.armourtownship.ca

This message may contain confidential information. If you are not the named addressee, you should not disseminate, distribute or copy this email. Please notify the sender immediately if you have received this email by mistake and delete this email from your system. Finally, the recipient should check this email and any attachments for the presence of viruses. The organization accepts no liability for any damage caused by any virus transmitted by this email.

From: Alice Hewitt

Sent: February 1, 2025 4:04 PM

To: Charlene Watt (Deputy Clerk) <deputyclerk@armourtownship.ca>

Subject: Lithium Ion Battery - Application - question

Hi Charlene, wondering if you can please clarify something else for me regarding the meeting held in November 2022.

I've copy and pasted and put in Bold below, a section from the application materials, as found on the Township website. It states that adjacent property owners were notified in 2022. My mother has confirmed to me that she did not receive written notice in the mail about this Application in 2022. I've also received verbal confirmation from another adjacent property owner that they also did not receive any written notice in the mail in 2022 about this Application.

Had we known this Application was brought to the Township in 2022, we most certainly would have attended the Public Meeting held at the Katrine Community Centre.

There may have been a Notice of the Katrine meeting posted to your website, but we are concerned about not receiving the written notice in the mail. I recall reading in the Minutes from the Katrine meeting that there was no public attendance, could that be because very few people knew about the meeting? We are not on the Township website every day to see what might be coming up by way of meetings and applications, etc., had we been notified by mail we would have at least been made aware of the existence of this Application in 2022.

Armour Township Council met in 2022 to consider supporting a Lithium Battery Energy Storage System (BESS) at 219 Peggs Mountain Road. As part of Council's consideration, the public was engaged at the time by presenting the proposal publicly as well as hosting a Public Meeting at Katrine Community Centre, notifying the adjacent property owners.

Is there any way for you to confirm that the written notices to the adjacent property owners were in fact mailed out?

I do remember my mother receiving written notice by mail for the application Mr. Creasor brought to sever the three building lots on the same property, which you've confirmed in earlier correspondence that this severance has been approved. This notification by mail process seems to be followed at other times.

Looking forward to hearing back from you.

Regards,
Alice Hewitt

January 26, 2025

Township of Armour
56 Ontario Street
Box 533
Burk's Falls, Ontario
P0A 1C0

Attention: Deputy Clerk Charlene Watt.

Dear Deputy Clerk Watt,

I am writing this letter in response to the proposed building of a Lithium-Ion Battery Storage Facility located at 219 Pegg's Mountain Road. I do not support this project. My family farm is located at Pegg's Mountain Road, directly east and right next door to this property in question. We have enjoyed years of rural agricultural living on our farm, and we are being forced to watch our neighbourhood slowly decay. The building of three solar farms in the Burk's Falls area all within approximately 10kms of each other has been very sad to see. I do not understand why so many solar farms had to be erected in such a short time and all in the same area. My family can see two from our farm. Now we are finding out just this past weekend from a Facebook post of all things that this battery plant is the newest proposed scar on the landscape. I am not against green energy but there must be a balance. Three solar farms and now a battery storage plant is too much.

My family and myself have been researching these storage facilities recently and they seem very new with not much research to back them. They catch fire unexpectedly and spread to other batteries and the entire thing can blow up and emit toxic gases into the environment, poison the soil and the water. Is this how you want to treat our beautiful land in the Burk's Falls area?

According to my research there are only three or four of these such storage facilities in Ontario right now. So very new technology. No one knows the health risks associated with living near one of these plants, emergency services are just learning how to deal with electric car fires and how to extinguish them and treat folks with thermal burn injuries. When these plants blow up a major evacuation is needed, is Burk's Falls prepared for that? What about the after math when the water is poisoned, and several people are dead. Does the township have the insurance in place to handle multiple lawsuits from grieving families? The funds for land remediation? I think this project is just a quick money grab to supplement the township's tax income. There is no consideration given to adjoining property owners. If this was a fair process the property owners would have been invited to the November 2022 "public" meeting held in Katrine. Upon reading those minutes of the meeting I realized there were only three community members present, unnamed, which in all honesty were probably the council members and not the public at all. My family knew nothing of the meeting. I actually laughed at one question "have you heard from the adjacent property owners"?

Answer...No. The answer is no because none of them knew about it! I find it quite disgusting that local folks are not included in the early stages of these processes. Several phases are complete before the public even knows about the proposal of a project.

Which brings me to my next point. The Environmental assessment done for the Phase 1 planning was a site visit conducted in the winter? What are you going to glean from a property when it is covered in snow? It says in the document there were no invasive sampling techniques used. Doesn't the township think a proper environmental survey should include a plant and animal inventory, soil samples, water samples and possibly a mean temperature survey done since these batteries are very temperature sensitive? They are going to sit in the middle of a field in a shipping container with no sun protection in the summer and no wind protection from freezing temperatures in the winter? I know they are supposed to have a temperature-controlled environment with a built-in alarm system if things go wrong, the tech team will be dispatched. Where does the tech team come from, the GTA? What happens if Highway 11 is closed for 3 or 4 days like we have just seen happen this winter due to record amounts of snowfall. Do we just wait several days for the geek squad to get there and fix things?

I also learned that these batteries are not even going to be used for the storage of solar power, they are being charged overnight by electricity from the grid! So, what is the point of having them located at the site of a solar farm? Make this Solar Bank company find a new location. If there is such a need for energy storage, why is Hydro one not installing these battery storage facilities at their transfer stations? These are already established locations with the proper security and fencing, proper land use zoning. It makes no sense to me.

I think it's time we took a stand against these big companies that want to invade our peaceful land. We enjoy our rural lives, that's why we live here right? I always try to put myself in other people's situations before I make a decision, I encourage you to do that too. Would you live next door to this? Would you risk your health, and the unknown risks associated with this plant? I don't think so, so please don't expect myself and my family to do the same. You are gambling with too many unknowns with this project. Let some other willing communities try it first if they want to. We are not guinea pigs on Pegg's Mountain Road.

I appreciate you taking the time to read my letter. I would also appreciate it very much if you let myself and my family know when the next meeting is, after all that's only fair.

Sincerely,
Grace McCoy.

Charlene Watt (Deputy Clerk)

From: Lisa Haggart
Sent: January 25, 2025 9:15 AM
To: Charlene Watt (Deputy Clerk)
Subject: Subject: Concerns Regarding Lithium Battery Storage in Armour Township Dear Mrs. Watt, I hope this email finds you well. I am writing to express my deep concerns regarding the proposed lithium battery storage initiative in Armour Township, as mentioned...

Battery Energy Storage Systems (BESS)

Assessment of Community Risks

Introduction

Ontario has placed emphasis on grid-scale Battery Energy Storage Systems (BESS) to address shortfalls in electrical generation capacity that may occur due to the shutdown of the Pickering nuclear station and increasing demand for electricity. Proponents see this technology as key to addressing the intermittent nature of renewable power generation. BESS is a relatively new technology; however, installations around the world provide significant information on design requirements and actual operating benefits. Learning from the operating experience of other facilities reveals risks associated with the technology and highlights the need for changes in the industry standards that govern development of BESS facilities. The overarching goal of the Government of Ontario should be to ensure that projects using this technology will not harm residents of Ontario or result in adverse environmental impacts.

Incidents Reported at BESS Facilities

The 2021 fire in the Tesla's 300 megawatt (450 megawatt hours) Megapack in Geelong, Victoria, Australia received considerable media coverage. This situation highlights the potential risks from BESS facilities:

*The fire started on the morning of Friday July 30 and was not brought under control until the afternoon of Monday August 2. More than **30 fire trucks** and support vehicles and about **150 fire fighters** from the County Fire Authority and local Fire Rescue Victoria responded, containing the flames so they only affected two Megapacks of the approximately 210 that make up the system.¹*

This incident is of particular note as it occurred in a facility designed and built by a company with extensive expertise in lithium battery technology. The duration of the fire and the scale of the response raise concerns. While Australian states have infrastructure to fight forest fires that can respond to this emergency, most municipalities, particularly in rural Ontario, do not

¹ CNBC News, Tesla Megapack fire highlights issues to be solved for utility 'big batteries', August 5, 2021.

have easy access to 150 firefighters that could be dedicated to an incident for 3 days, as was the case with this situation.

It is not an isolated incident: other similar situations have been documented in the United States. A fire at a BESS facility in Chandler, Arizona received wide coverage² and other incidents were assessed by authorities responsible for setting fire standards for the United States.^{3 4} This suggests that Ontario should be moving with caution on new BESS projects.

The potential for issues with BESS technologies should be viewed in the context of the experiences of rural Ontario communities with wind turbines. Even though they have since proven inadequate, at least the government set out some basic requirements for wind turbines such as separation from people's homes. These and other limitations governing the basic parameters for the approval of these projects were put in place before approvals were accelerated. A comprehensive set of reports that were made widely available before any community consultation or request for municipal support could move forward. While there are serious gaps in this process, it is robust compared to the review and consultation process that is currently underway for BESS in Ontario.

As we saw with the approvals for wind power, it could be left to "host" communities to deal with any negative impacts of these projects.

Key considerations

There are several key issues to consider related to BESS technology. These issues are developed based on reviews of proposals published as part of the current RFP process; responses to questions from residents that will be affected; and a review of published reports on incidents involving BESS technology.

It is not intended to be a comprehensive study but rather, an overview of the rapidly evolving situation while identifying current work in this area that is relevant to the problem and providing some preliminary suggestions on potential content for an Ontario regulation related to this technology. Even these preliminary findings indicate that a need for the IESO and Ontario government ministries **to put a more rigorous regulatory framework in place before BESS projects are approved and implemented.**

This view that more regulations are required is shared with the Canadian Renewable Energy Association or CanREA which notes the need for these requirements in their January 2022

² News 10 Phoenix, Fire at Lithium Battery Storage Facility prompts Evacuations, April 22, 2022.

³ North American Electrical Reliability Corporation, Battery Energy Storage Cascading Thermal Runway, Lesson Learned, 21010301, March 29 2021, pp.1-4.

⁴ National Fire Protection Association, Battery Energy Storage Hazards and Failure Modes, December 3, 2021.

white paper, “Laying the Foundation.”⁵ In particular, CanREA recognizes the need sufficient expertise in regulatory bodies to fairly evaluate proposed energy-storage installations.⁶

Based on the findings outlined here, it is clear that work is required on the Ontario process for approving BESS projects so that the errors of the Green Energy program are not repeated.

Underwriters Laboratory (UL) Standards for BESS Systems

Canadian regulators generally point to two standards in terms of the requirements for BESS. For example, the Canadian Electrical Safety Association document published in May 2022⁷ references a UL standard, **ANSI/CA/UL9540**.⁸ This is safety standard for an energy storage system and equipment intended for connection to a local utility grid or stand-alone application. It designates key issues associated with these systems including safety of the battery system, functional safety, fire detection/suppression/containment and environmental performance. The standard was adopted in February 27, 2020 and updated on April 9, 2021.

The second standard, **UL9540A**⁹ is related to the base UL9540 standard. It outlines a test methodology to evaluate the fire safety characteristics of a storage system at each of the cell, module, unit and installation levels. The focus is the ability of the BESS installation to handle thermal runaway propagation. Performance criteria are specified for each level within the installation. Meeting the criteria for each level is required before moving to the next level. Any installation that does not meet the applicable performance criteria is considered non-compliant and would need to be revised and re-tested.¹⁰ These tests are designed to be undertaken in specialized fire testing facilities.

The UL9540 covers storage capacities up to 50 kWh. Installations larger than this need to comply with UL 9540A fire test performance criteria. These standards have been developed for the United States but have also been adopted for use in Canada.

National Fire Protection Association (NFPA) Standard 855

The US-based NFPA views BESS installations as systems that can provide clean, low-cost sources of energy but it notes that they also present significant life safety hazards. NFPA 855¹¹, a “Standard for the Installation of Stationary Energy Storage Systems”, was originally published in 2020 to address the dangers of toxic and flammable gases, stranded energy, and increased fire intensity associated with using lithium metal or lithium-ion batteries. Based on learning since 2020, this standard has already been updated in 2023 requirements for fire detection and suppression, explosion control, exhaust

⁵ Canadian Renewable Energy Association, Laying the Foundation, January 2022.

⁶ IBID, page 14.

⁷ Ontario Electrical Safety Code, Bulletin 64-7-1, Installation and Approval of Energy Storage Systems, May 2022.

⁸ UL Solutions, Energy Storage Systems and Equipment, UL Standard 9540, 2nd Edition, February 27, 2020.

⁹ UL Solutions, Standard for Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems, UL Standard 9540 A, November 12, 2019.

¹⁰ UL Solutions, Webinar - Canadian Codes and Standards for Energy Storage Systems, May 13, 2021.

¹¹ National Fire Protection Association, NFPA 855, Standard for the Installation of Stationary Energy Storage Systems, 2020.

ventilation, gas detection, and thermal runaway have been added or revised.¹² In a technology environment that is rapidly changing, this more recent standard may include important new information. Even though this is a US standard, it can also be used for BESS projects in Canada.

Fire Suppression Systems

As there is no IESO requirement to address fire safety issues as part of the community meetings or requests for municipal support required in the RFP process, there is limited published information on how the proponents of BESS projects intend to comply with appropriate standards.

For example, Solar Flow-Through Funds, the company proposing a BESS system in Chesley (Arran-Elderslie), did not include this information in its presentation to the Arran-Elderslie Council when the municipal support resolution was requested nor is reflected in its community presentation. Limited information was provided to a local resident in response to a specific question about fire safety. The company responded that the system proposed for Chesley would include a comprehensive Fire Suppression System consisting of at least seven layers of protection. Below is the company description of each layer:

- First, the batteries are isolated from each other to prevent any current from flowing between them.
- Second, there are gas and fire monitoring and controls for each battery, rack and cabinet that provide immediate isolation, suppression, and mitigation in the experience of a thermal event.
- Third, each battery module can be isolated from the overall system, shut down and thermal management applied to suppress propagation.
- Fourth, deflagration systems are built into the containers that are designed to release gases in case of a build-up. The deflagration systems are designed to allow the container doors or roof to blow off if the gas detectors detect a rise in gas concentration beyond prescribed limits. When gases are released, the probability of a fire is significantly reduced as it is the combination of pressure, concentration, and heat that can cause a fire/explosion.
- Fifth, the fire suppression is planned to be accomplished with a potassium nitrate aerosol-based generator. Potassium Nitrate is a benign ionic salt.
- Sixth, in the event of a fire, a dry pipe sprinkler system is triggered to eliminate all thermal events within the cabinet.
- Finally, each system has 24/7 monitoring requirements and annual preventative maintenance plus training for the operators.

Other safety measures described include 24/7 remote monitoring to ensure normal system functioning. This system is monitored for performance and safety continuously and integrated with the IESO command center to perform the dispatch functions required by the system operator.

¹² IBID,2023.

This layered system generally aligns with the requirements of UL9540, but the response did not provide a commitment that the system would meet the performance standards for 9540A testing. The statement that training would be provided for operators conflicts with the statement at the municipal council that the proponent would have no local operators but would contract with local electrical suppliers to undertake required repairs and maintenance. These contract arrangements will not ensure the availability of trained resources in the event of an emergency.

The discussions at the Prince Edward County Municipal Council¹³ meeting regarding a municipal support resolution for a BESS project included a lengthy assessment of these provisions. Inadequate provisions to address fire safety issues were a key reason why the proposal did not receive support.

Safety measures were also a concerns raised residents living near the RES project proposed for Enniskillen Township. ¹⁴ Enniskillen Mayor Marriott said township officials tried to gather information on battery storage projects from provincial agencies and officials while attending a recent Rural Ontario Municipal Association conference in Toronto, “but the information is fairly sparse.”¹⁵

Hydro One Setback Standards

The standards discussed above are primarily focused internally on the design of the battery structure but Hydro One has a set of additional standards that defines how BESS systems will be positioned relative to Hydro One infrastructure. As part of its Transmission Generation Interconnection Requirements, Hydro One includes a specific section on Setback Considerations for BESS facilities.

Hydro One explains that these requirements are necessary because:

*Lithium battery storage facility fires can generate intense heat and smoke for prolonged periods of time and are difficult to extinguish. If these facilities are located in close proximity to Hydro One transmission facilities, there is an increased risk to the system. Of more concern is the risk associated with a fire in the BESS that can damage the Hydro One facilities and/or cause line or station equipment flashovers due to the ionization of the air. This can cause Hydro One facilities to be taken out of service and pose a risk to safe, secure and reliable operation of the transmission system.*¹⁶

Hydro One has established minimum set-back distances for BESS systems from Hydro One facilities as outlined in the following table.¹⁷

¹³ Municipality of Prince Edward County, Municipal Council, January 31, 2023.

¹⁴ Sarnia Observer, Oil City Battery Storage Proposal Dead in the Water, February 16, 2023.

¹⁵ Sarnia Observer, Battery Storage Project Proposed, January 25, 2023.

¹⁶ Hydro One, Transmission General Interconnection Requirements, December 8, 2020, pg.22

¹⁷ IBID.

Item #	Hydro One Facilities	Setback Distance
1	500 kV Right of Way	500 m
2	230 kV Right of Way	350 m
3	230 kV or 115 kV Right of Way with 2 or more double circuit 230 kV or 115 kV lines	250 m
4	115 kV Right of way with single circuit 115 kV line	150 m
5	550kV station	500 m
6	230 kV switching station	350 m
7	115 kV Switching station or a 230 kV or 115 kV step down station	250 m

Source: Hydro One, General Transmission Interconnection Requirements, 2021

As Hydro One is involved in confirming circuit capacity availability, it is assumed that these setbacks will be implemented as part of that process. Enbridge advised residents that setbacks used in the petroleum industry were reflected in the design of the project proposed for St. Clair Township.

If Hydro One and Enbridge are concerned about the impacts of BESS facilities on neighbouring activities that it requires setbacks from rights of way and facilities, **should similar setbacks not be incorporated into a provincial standard that would also apply to municipal road allowances and/or other improvements on adjacent land?**

Requirements for Local Emergency Resources

The emergency response capabilities and resources available to respond need to be aligned with the types of emergency situations that can be encountered at each BESS location. As shown in the 2021 Tesla fire noted above, significant fire resources can be required for an extended duration to deal with emergency situations at these facilities.

This situation and emergency events at other BESS facilities provide some key learning for the emergency response plans for the BESS facilities being approved for Ontario:

- Rapid emergency responses are required suggesting that automated calls sent directly to the emergency call system for the community when an emergency situation is detected.
- Local emergency crews who respond need to be trained to handle lithium fires.
- While water will not put out a fire in a lithium battery, large volumes of water are required to cool all adjacent modules to stop an expansion of the fire. As a result, hydrants connected to a municipal water system are recommended on site.¹⁸ The dry pipe system proposed as part of the BESS facility in Chesley assumes that this water source is available.
- The facility needs to be designed to allow emergency personnel to reach the problem module and to introduce water into the container at a safe distance.

¹⁸ Brendan D. Miller, P.E. Westwood Professional Services, [4 Requirements you may be missing on your BESS project](#), July 28, 2021.

- Toxic fumes can be released when most of these facilities are experiencing an emergency situation. These emissions can contain hydrocarbons, carbon dioxide and carbon monoxide.¹⁹ These can include flammable gases and designs include venting procedures to prevent an explosion within the unit. These situations need to be monitored remotely with warning provided to affected people.

The ability of the local community to supply these emergency resources needs to be confirmed as part of the approval process and in many cases may determine the locations where these facilities can be developed. An emergency plan should be developed in conjunction with the host municipality for each site that documents which services are expected from the municipality and which services the proponent will be providing or sourcing elsewhere. This plan should be reviewed and updated annually.

In response to questions from a local resident about the proposed St. Clair BESS, Enbridge stated that there were going to provide equipment and training to local fire departments as part of their implementation. Enbridge also stated that it is evaluating how it might integrate local Enbridge staff to work in conjunction with local fire departments in the event of a fire emergency. This confirms that Enbridge sees these risks are worth addressing and all projects should be providing similar support to local emergency services.

Noise Emissions

The potential for noise emissions from BESS installation has been raised at a number of public meetings with the discussions largely centred on the equipment used to cool the batteries. In most of the discussions, it has been generally dismissed by proponents as “just noise from fans”.

More details on the noise emissions were provided in the discussion at the Arran-Elderslie Council meeting²⁰ in response to a specific question from a Councillor. The proponent indicated that current ventilation systems used for their type of small application generated noise levels of about 75 dBA at source. They expected that this noise level would decrease to a 40–45 dBA level over distance, but no support or engineering estimates for these statements was provided. The proponent also stated that the facility would be located in an area zoned for light industrial uses (i.e., not residential) where noise of this level could be expected.

Though not challenged at the Council meeting, there is a reasonable probability that these noise emissions of 75 dBA will violate the Arran-Elderslie noise by-law. Section 3.16²¹ of this by-law prohibits commercial operations from discharging noise that is clearly audible 15.25 metres (50 feet) from the property line on which the structure is located. **The proponent was not correct** in stating that noise levels are determined by the zoning of the property on which the operation is located. In Chesley, it is assessed based on noise levels at nearby receptors. If the nearby site is seniors’ housing that is designated as a “Quiet Zone”, noise emissions are more restrictive.

¹⁹ UL Solutions, Webinar - Canadian Codes and Standards for Energy Storage Systems, May 13, 2021.

²⁰ Municipality of Arran-Elderslie, Video of Municipal Council Meeting, January 9, 2023.

²¹ Municipality of Arran-Elderslie, By-law 61-09 (Noise Bylaw), November 9, 2009

The District Office of the Ministry of Environment Conservation and Parks will have a role in responding to any complaints that are logged with the Spills Action Centre or the local ministry offices. Addressing the noise levels early in the development process to ensure would reduce the need for local interventions after the project is built. In particular, noise barriers can be used to address these problems but a noise assessment of each location should be included in the application so that the need for any remedial sound abatement can be addressed before the project is approved. This would also allow the abatement to be designed before the construction phase is understood,

Transformer stations are another potential source of problem noise. Regulation 359/09 sets out noise mitigation measures for transformer stations linked to renewable energy projects.²² It is assumed that these will also apply to any transformer station needed to link a BESS to the grid.

IESO Requirements

The IESO's current submission requirements for applicants to respond to the RFP with a BESS project are fairly general except for those requirements that relate to the contractual relationship with the IESO. The requirements in the contract are similarly general:

The Supplier agrees to design and build the Facility using Good Engineering and Operating Practices and meeting all relevant requirements of the IESO Market Rules, Transmission System Code, Distribution System Code, the Connection Agreement, in each case, as applicable, and all other Laws and Regulations. The Supplier shall ensure that the Facility is designed, engineered and constructed to operate in accordance with the requirements of this Agreement²³

Beyond "using Good Engineering and Operating Practices", there are no further details in terms of the standards that need to be met. Similarly the "Municipal Support" form does not require the submission of any information on standards the proposed project will meet. The primary focus of the RFP and contract on matters of direct concern to the IESO: bid price, timing of completion, etc. With the limited information submitted, it is not clear how the IESO will distinguish between submissions in which bid price reflects an identified need to invest heavily in safety features and practices and one that has cut corners in the design to generate a lower bid price. Similarly, the value of a Municipal Support Resolution based on the minimal information required is questionable when municipal support may be withdrawn when the full details of the project are known. The legal implications in the event that a municipality withdraws its support resolution after a proponent has been awarded a contract are unknown. If a proponent has incurred costs for consultancy reports, deposits for equipment and infrastructure components, etc., is it possible the company could opt to initiate legal action against the municipality as a means of coercion if support is withdrawn?

The limited role of the IESO was less of an issue with wind turbine and solar projects when the IESO was only responsible for the approval of the contract. For those projects, there was a separate approval process operated by the environment ministry that had an application and municipal consultation process that required a detailed submission documenting the details of the proposal including

²² Ontario, Regulation 359/09 Renewable Energy Projects, Section 35, October 10, 2009.

²³ Ontario Independent Electricity System Operator, ET1 – Contract Consolidated – February 3, 2023, Section 2.1 a

equipment proposed for use, siting arrangements, operating procedures, estimates of noise emissions and decommissioning arrangements. It is not clear what additional approval steps the IESO or the government as a whole are anticipating being applied to these projects.

Role of Ontario Regulation 359/09

Development of some renewable energy facilities is regulated by Regulation 359/09. As shown by this review, a BESS facility can generate emissions that can be considered as “Adverse Effects” as defined by the Environmental Protection Act.²⁴ A BESS can also require significant resources from the host municipality.

There are no specific regulations applicable to BESS projects.

The field staff of the Ministry of the Environment, Conservation and Parks will be responsible for management of any complaints about their noise emissions. This creates the potential for regulations and enforcement procedures related to BESS facilities to be developed after construction through the enforcement process.

New BESS facilities can also be linked to wind and solar projects which are covered under the Regulation and it is expected that new wind and solar projects may incorporate BESS capabilities to maximize revenue generated by the projects.

Despite these relationships, BESS projects are neither included, nor excluded, from the list of activities covered by Regulation 390/09. This regulatory environment needs to be clarified before moving forward with the approval of BESS projects:

- The approval process set out by the IESO only deals with the contractual relationship related to the generation and sale of electricity.
- The information that proponents are providing to municipalities to request a support resolution is not sufficient to consider this endorsement as an “approval” to proceed with construction of the project.
- The technology and standards related to BESS facilities continue to evolve rapidly, meaning that it is inappropriate to leave the technical requirements in the hands of local municipal building officials.

Cost/Benefit Assessments

The IESO requirements for presentations to community meetings or municipal councils did not include any requirement to present cost-benefit analysis for the specific BESS project; however, proponents in the meetings already reference did put forward benefits from the project being proposed.

In their presentations, Solar Flow Through Funds focus on preventing local brownouts. For example, in their presentation to Arran-Elderslie Council,²⁵ the company representative indicated that the area had

²⁴ Ontario, Environmental Protection Act, RSO 1990, July 1, 2020, Section 1 (1) Interpretation – Adverse effect.

²⁵ Municipality of Arran-Elderslie, Video of Municipal Council Meeting, January 9, 2023.

been identified by the IESO as needing this type of back-up capacity “to prevent potential brown-outs” in the Chesley/Paisley area. In a subsequent question, the Deputy Mayor reported on a community meeting where she learned confirmed that isolating the community from brown-outs was a key driver of the project.

This information presented to Arran-Elderslie conflicts with the priorities indicated in the IESO RFP which is focused on fixing capacity issues west of London and east of Pickering as the current problem areas. Four of the six sites being proposed by Solar Flow Through align with those criteria and it not clear why the IESO has specifically identified Chesley as a problem location or how at 4.99 MW project that is only capable of generating 19.96 megawatt hours for a period of four hours would provide a robust solution to this problem. It is also unlikely that Chesley would have a higher exposure to brownouts than other area communities without BESS facilities if the project did not proceed.

As no proponent has been willing to discuss costs for their proposed BESS projects, it is difficult to prove confirm that these BESS projects are providing real value to electricity users across Ontario. Given that the IESO reports that 70% of capacity shortfalls last for more than four hours²⁶, the concern about the parallel community risk being created by increasing dependence on what is a very expensive supply with a very limited output.

Conclusion

Residents of rural Ontario have extensive experience with energy projects that were approved without sufficient attention to the impact on people and communities. We are concerned that the current IESO RFP is repeating the mistakes of the past by launching a new RFP process that requires very few details on what is proposed or how its operation will integrate with existing municipal structures and services.

We do not want the situation with wind turbines to be repeated. The failure of the IESO or other agencies of the Ontario government to set out a comprehensive set of siting requirements for battery storage systems seems to be preparing rural Ontario for a repeat of the situation with wind turbines.

Recommendations

It appears that the process for projects receiving an IESO contract is that following acceptance of a submission, the proponent would proceed to develop a more detailed proposal for implementation to be presented to local building officials for review and issuance of permits. Given the complexity of these projects and the rapidly changing technology, it is expected that this process could result in substantial delays in implementation of these projects as each small municipality involved gains an understanding of the detailed requirements required to issue the necessary permits. At the same time, these projects require detailed support from municipal partners meaning that the final approval must rest with local authorities.

On that basis, it is recommended that BESS systems be added to the list of renewable energy projects covered by Regulation 359/09.

²⁶ IESO, LT1 RFP and Additional Mechanisms Engagement, June 9, 2022, Slide 14.

In addition, Regulation 359/09 needs to be amended to add setbacks from nearby activities. These setbacks would likely, at a minimum, mirror the setbacks established by Hydro One for setbacks from their facilities.

Proponents awarded contracts should be required to present detailed proposals for review by the Ministry of Environment, Conservation and Parks for technical completeness. These proposals should include the following:

- A design showing the proposed location of the facility in relationship to nearby activities that could be affected by an emergency at the facility.
- Confirmation that their technology provider(s) assembling the completed battery storage system has been certified by an accredited body that the BESS conforms to all requirements of ANSI/CAN/UL 9540A and NFPA 855.
- Confirmation that the design of the project includes fire monitoring and suppression system in the design of the project.
- A detailed construction and commissioning plan, including the on-site expertise required from start of construction to connection to the grid.
- The proponents must confirm that noise emission from all aspects of the proposed project will meet the requirements of the noise by-law of the host municipality or not exceed 40 dBA nighttime, and 45 dBA daytime, at the closest receptor to the project during times when the receptor is downwind of the project site whichever is more restrictive. Where noise barriers are required to meet these standards, they would be shown in the design of the facility.
- The proponent must confirm that it has established an emergency plan, in conjunction with the local municipalities and fire authorities, in the event of a battery fire. This would include details on the resources that it is expected that the host municipality would provide.
- The proponent must confirm that its emergency plan includes a communication plan with nearby residents and the local communities in the event of a battery fire.
- The proponent must confirm that its emergency plan includes an evacuation strategy for nearby residents, and livestock if necessary, in the event that evacuation is required.

Once the MECP has confirmed that the plan is technically complete, the package would be presented to the community for comment and the municipality Council for review and approval.

Only after the project has been reviewed by MECP and approved by the host municipal council would the formal requests for building permits be initiated.

©WIND CONCERNS ONTARIO INC. 2023

Contact@windconcernsontario.ca



Planners | Surveyors | Biologists | Engineers

8
RECEIVED
NOVEMBER 14, 2025
TOWNSHIP OF ARMOUR

**November 18, 2025
Project: 250783**

Township of Armour
c/o Charlene Watt, Deputy Clerk
P.O. Box 533
Burk's Falls, ON P0A 1C0
deputyclerk@armourtownship.ca

Re: Information Report for Statutory Public Meeting
Official Plan Amendment Application OPA-2025-01 (Amendment No. 4) &
Zoning By-law Amendment Application ZBA-2025-01
(David Creasor – Owner / PowerBank Corporation - Agent)
Part Lot 3, Concession 6, in the Township of Armour
219 Peggs Mountain Road

TULLOCH has been retained by the Township of Armour to provide professional planning services in relation to the review and processing of Official Plan Amendment Application OPA-2025-01 and Zoning By-law Amendment Application ZBA-2025-01 submitted to facilitate a proposed Battery Energy Storage System (BESS) facility on the property known municipally as 219 Peggs Mountain Road.

The applications were prepared and submitted by PowerBank Corporation on behalf of the property owner. PowerBank Corporation was formerly known as SolarBank Corporation and is referred to as "PowerBank" throughout this report.

Purpose of this Information Report

The purpose of this report is to provide an overview of the proposed Official Plan Amendment (OPA) and related Zoning By-law Amendment (ZBA), to describe the subject lands and application process to-date, and to outline the supporting studies and materials submitted in support of the proposal. This report is intended as an information report to assist Council and the public in understanding the nature of the proposal prior to the statutory public meeting.

Once the statutory public meeting, scheduled for November 18, 2025, has been held and public input has been received, TULLOCH will prepare a second report that considers the feedback from

the public, includes a planning analysis, and provides planning recommendations to Council regarding whether to approve or not approve the subject applications. After the public meeting, the applications will return to Council at a later date (to be determined) for consideration of such decisions.

Property Details and Description

Civic Address:	219 Peggs Mountain Road
Legal Description:	Part Lot 3, Concession 6, Armour Township
Property Characteristics:	Lot Frontage: ± 68 metres Lot Area: 32.37 hectares
Access:	Peggs Mountain Road
Official Plan Designation:	Rural Community
Zoning:	Rural (RU)

The subject property fronts onto and gains access from Peggs Mountain Road, which is a year-round maintained municipal road. A portion of the property is developed with a solar array, which is set back approximately 230 metres from Peggs Mountain Road. The solar facility is accessed by a gravel driveway and connected to the power grid by a power line that generally parallels the driveway. The remainder of the property is vacant.

The northerly portion of the property where the solar array exists and the BESS is proposed has a steady and moderately upward slope from Peggs Mountain Road. The area between the front lot line and the solar array is primarily vegetated by grasses, shrubs and sparsely distributed trees. The area beyond the solar array is forested. A site visit was conducted on November 7, 2025.

Surrounding land uses are predominantly rural and rural residential. A property on the opposite side of Peggs Mountain Road is zoned for commercial and rural industrial uses. An aggregate extraction operation is located to the north along River Drive. The subject property is approximately one kilometre southwest of Highway 11 and 1.4 kilometres southwest of the southerly boundary of the Village of Burke's Falls.

The location of the subject lands is shown in Figure 1, and a conceptual draft site plan that was submitted with the applications by PowerBank is included in Appendix 'A' and is available for review on the Township's website.

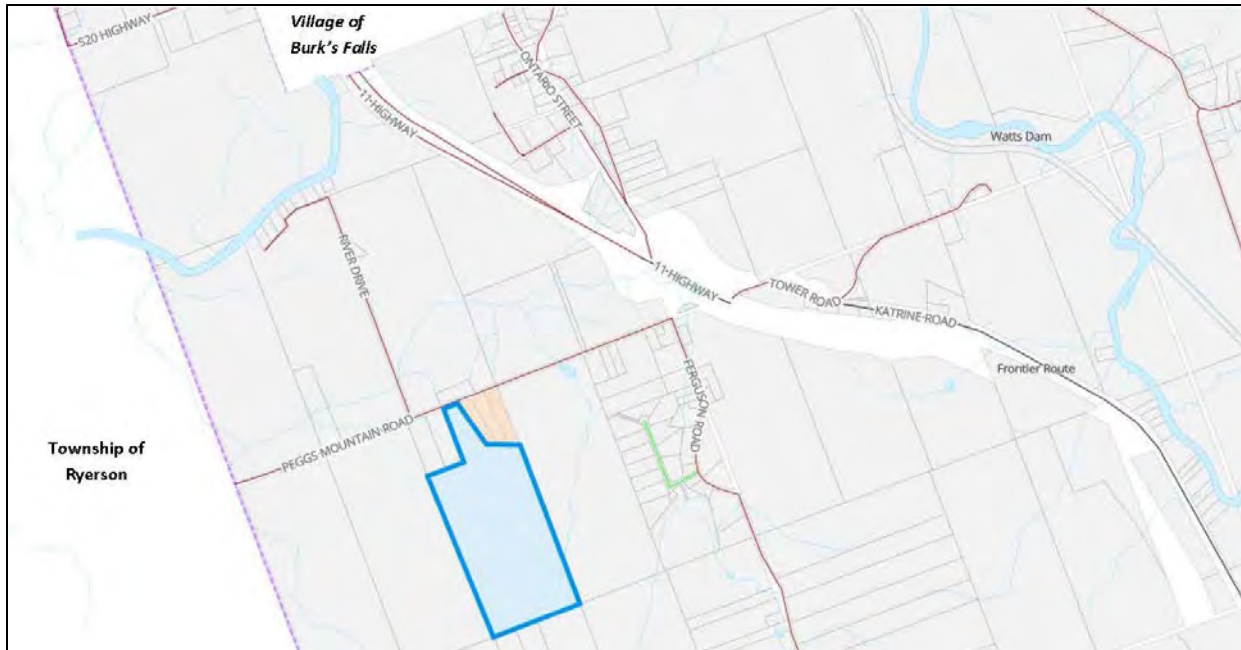


Figure 1: Location Map – The subject lands are outlined in blue. Note, provisional consent was recently granted to divide the lands to create three new rural lots, which are highlighted in orange.

Purpose of the Applications

The purpose and effect of the proposed OPA and ZBA applications is to add site-specific policy and zoning provisions to the Township's Official Plan and Comprehensive Zoning By-law to permit a BESS facility on the subject lands.

Draft wording for the OPA has been submitted by PowerBank and proposes to add the following subsection to the Township's Official Plan:

2.1.3(c)viii) A Battery Energy Storage System shall be permitted on lands at 219 Peggs Mountain Road and described as Part Lot 3 Con 6 Armour Township.

The proponent's submitted draft ZBA proposes to add the following definition and site-specific permission to the Township's Zoning By-law:

"Battery Energy Storage System (BESS)" means a battery storage system or facility that captures energy produced at one time for use at a later time to reduce imbalances between energy demand and energy production.

Notwithstanding any provisions to the contrary, a Battery Energy Storage System is permitted at 219 Peggs Mountain Road, described as Part Lot 3 Con 6 Armour Township.

No site-specific performance standards have been proposed by the applicant (i.e. enhanced setbacks, lot coverage, etc) in relation to the use.

Description of the Battery Energy Storage System Proposal

PowerBank is proposing to develop a 4.99-megawatt, 19.96-megawatt-hour BESS on lands leased from the property owner at 219 Peggs Mountain Road. The facility would store electricity from the provincial grid and discharge it back during periods of high demand, under a long-term contract with the Independent Electricity System Operator (IESO) through its E-LT1 program. The project would connect to the existing Hydro One distribution line associated with the adjacent existing solar facility. The BESS would consist of containerized lithium iron phosphate battery units, together with inverters, monitoring systems, and associated infrastructure enclosed within a fenced compound accessible only to authorized personnel.

A conceptual site plan showing the subject property and the proposed BESS facility has been submitted (refer to Appendix 'A'). The BESS is intended to be located to the south of the existing solar facility and set back approximately 300 metres from Peggs Mountain Road. The site plan indicates a proposed facility footprint of approximately 12,600 square feet, along with a perimeter and access driveway. The facility would contain containerized battery enclosures and other equipment such as transformers, inverters, HVAC units, internal monitoring systems and sensors, and security fencing.

Planning Framework

The subject property is designated Rural Community under the Township of Armour Official Plan and is in the Rural (RU) zone per the Township's Comprehensive Zoning By-law. Applications for an Official Plan Amendment (OPA) and Zoning By-law Amendment (ZBA) have been submitted to establish appropriate land use permissions to permit the proposed BESS.

The applications are required to be consistent with the Provincial Policy Statement, 2024 (PPS), conform with the Growth Plan for Northern Ontario (2011), and maintain conformity with the Township of Armour Official Plan and Comprehensive Zoning By-law. At this stage, a detailed policy analysis has not been completed. The purpose of this report is to outline the applicable planning framework and identify the policies that will inform future review.

The PPS provides direction on matters of provincial interest related to land use planning, including the efficient use of land and infrastructure, protection of natural heritage and water resources, and the safe and sustainable development of energy systems. Future analysis of the PPS will consider how the proposal relates to these objectives, with particular attention to matters of land use compatibility, servicing, and environmental protection.

The Growth Plan for Northern Ontario establishes a regional policy framework for coordinated infrastructure investment and economic development. The Plan promotes infrastructure that supports community resilience, energy production including renewable energy and services, and technological advancement while respecting environmental and social considerations. The proposal will be reviewed within this broader context to determine its relationship to the Growth Plan's direction for energy and rural infrastructure planning.

At the local level, the Township of Armour Official Plan identifies the Rural Community designation as an area intended to accommodate a limited range of residential, commercial, and light industrial uses compatible with the rural landscape. The Official Plan also contains policies relating to infrastructure, energy systems, and land use compatibility, including requirements for technical studies, buffering, and environmental review where new uses are proposed. Since the Official Plan does not clearly specify that BESS facilities are permitted in the Rural Community designation, the OPA application has been required and submitted.

The Comprehensive Zoning By-law implements the Official Plan by establishing detailed requirements for permitted uses and their related development standards. The current Rural (RU) zone does not specifically provide for a BESS use; therefore, the assessment of the requested amendment will include an evaluation of the appropriateness of the proposed use, siting, and performance standards, as well as its relationship to surrounding land uses and environmental features.

This section is provided for information purposes to provide an overview of the applicable planning framework. A comprehensive planning analysis and recommendation regarding consistency, conformity, and compliance with provincial and municipal planning policy documents and guidelines will be presented in a future report once public, agency, and peer review comments have been received and considered.

Timeline and Consultation History

November 2, 2022	A public information session was held at the Katrine Community Centre by the proponent. PowerBank provided a presentation of the preliminary proposal and answered questions related to safety, fire prevention, monitoring and maintenance, site visibility, noise, grid connection, environmental impacts, and anticipated local benefits.
November 8, 2022	Township Council provided a Municipal Support Resolution to the proponent supporting the development, construction and operation of a Long-Term Reliability Project, described as a Utility-grid connected Battery Energy Storage System (BESS) with a maximum contract capacity of 4.99MW/19.96MWh on the subject lands.
January 17, 2025	Official Plan Amendment and Zoning By-law Amendment Applications were submitted to the Township of Armour.
January 21, 2025 & February 18, 2025	Notices of Complete Applications were issued and circulated by the Township.
March 2025	Peer Reviews of supporting documents were initiated by the Township.
April 7, 2025	A public information session was hosted by Powerbank at the Katrine Community Centre.

October 29, 2025	A Notice of Public Meeting (Hybrid) for a statutory public meeting under the Planning Act scheduled for November 18, 2025 was circulated.
------------------	---

Public and Agency Consultation

A significant number of public submissions have been received in advance of the statutory public meeting and additional submissions are anticipated at the meeting. As of the date of writing, the public feedback identifies a range of concerns generally related to the following broad themes:

- Transparency, Trust, and Public Process – requests for greater clarity about project details, decision-making, and opportunities for community input.
- Public Health, Safety, and Emergency Response – concerns regarding thermal-runaway risk, toxic emissions, and the capacity of local emergency services.
- Environmental Protection and Stewardship – concerns about potential effects on wetlands, rivers and waterbodies and related water quality, wildlife, and overall ecosystem integrity.
- Land Use Compatibility and Community Character – concerns that the proposed use may be may not be compatible with surrounding uses and residential properties and with the area’s rural setting and general location.
- Economic, Social, and Policy Implications – concerns regarding negative impact to property values, community image, lack of local benefit, and alignment with applicable planning policies.

Several agency comments have also been provided, summarized as follows:

- The Village of Burk’s Falls, Township of Ryerson, and Village of South River each passed a resolution formally opposing the proposed BESS, urging greater provincial oversight and standardized safety and siting requirements for BESS facilities with cited concerns including fire safety, environmental risk, and compatibility with the surrounding rural and residential setting.
- The Township of Conmee, Township of Asphodel-Norwood, Township of Chatsworth, and the Municipality of Brooke-Alvinston each provided resolutions supporting the opposing resolution of The Village of Burk’s Falls (per above).
- Burk’s Falls & District Fire Department advised of BESS fire/explosion risks, potential multi-day response demands, runoff contamination concerns, stormwater management considerations, MNRF cost exposure and partner insurance implications and requested measures including a dry hydrant and emergency response training.

- The Fire Chief for the Town of Kearney provided correspondence raising concerns regarding emergency response capacity, fire suppression, and first responder safety related to lithium-ion systems.
- The Ministry of Transportation (MTO) has confirmed that the subject lands are not within MTO's permit control area.
- The Ministry of the Environment, Conservation and Parks (MECP) has confirmed that the proposed BESS has a Noise EASR (Environmental Activity and Sector Registry) registration.
- The Independent Electricity System Operator (IESO) provided correspondence recognizing the provincial need for additional energy storage capacity and confirming that the Armour BESS was selected through the IESO's Expedited Long-Term Request for Proposal (ELT1 RFP). The IESO notes that the project would contribute to Ontario's electricity system reliability and that it is committed to continued engagement with the Township.

Additional feedback will be collected at the public meeting and all input will inform TULLOCH's future planning analysis and recommendations to Council.

It is noted that the OPA and ZBA applications have been submitted together with supporting documents, which are each summarized below. Those documents have undergone, or are in the final stages of undergoing, a formal peer review process initiated by the Township. The peer-reviewed materials are expected to provide important technical insight to assist in evaluating the consistency of the applications with relevant planning policy. All feedback and supporting documentation will be considered prior to completing the comprehensive planning policy analysis and preparing formal recommendations to Council.

Supporting Documentation

Prior to submission of the OPA and ZBA applications, Township staff provided PowerBank with a list of required supporting studies, with the aim of ensuring that the proposal would be comprehensively evaluated against relevant environmental, technical, and land use planning guidelines / policy.

In response, PowerBank prepared and submitted the required reports and plans along with the applications. Before proceeding with a detailed evaluation, Township staff confirmed that the submissions met the prescribed requirements and the applications were therefore deemed complete under the *Planning Act*.

Following that determination, the Township initiated a peer review process to assess the scope, methodology, and findings of each technical study. This review process has involved Township staff, external consultants, and relevant agencies, with many reviews now complete, but several still ongoing at the time of writing this report.

All documents submitted with the OPA and ZBA applications are available on the Township's website. A summary of each supporting document, along with the status of its corresponding peer review, is provided below.

Planning Justification Report

A Planning Justification Report (PJR) was initially prepared by DeLoyde Development Solutions (October 2024) and later supplemented by Zelinka Priamo Ltd. (July 2025) in support of the OPA and ZBA applications. The reports provide a planning review of the proposal and assess its consistency with the PPS, conformity with the Growth Plan for Northern Ontario, and conformity with the Township of Armour Official Plan.

The supplementary report by Zelinka Priamo included an analysis addressing rural land use compatibility, energy supply policies, natural hazards, other Official Plan policies, and addresses comments identified through peer review. It notes that the proposed BESS occupies a small portion of the property, and is described as compatible with the existing solar facility and surrounding rural and industrial land uses. The PJR's author concludes that the proposed BESS use and the associated OPA and ZBA represent appropriate land use planning and align with applicable provincial and local policy direction related to renewable and energy-storage uses.

The PJR was peer reviewed by TULLOCH on behalf of the Township of Armour. The purpose of this review was not to endorse or dispute the author's professional opinion, but to identify gaps, request clarification, and ensure that the planning analysis addressed pertinent land use planning matters relevant to the proposal.

TULLOCH's initial review (May 15, 2025, which was limited to the DeLoyde Report) provided comments and sought clarification regarding the scope of the policy review, matters related to land use compatibility and the basis for the Official Plan Amendment. A final peer review addendum (September 5, 2025, relating to the Zelinka Priamo Report) concluded that the supplementary PJR and response letter addressed all previous comments, incorporated the requested clarifications, and that no further revisions or clarifications were required for municipal review purposes.

Environmental Impact Study (EIS) and Vegetation Management Plan

An Environmental Impact Study (EIS) and Vegetation Management Plan were prepared to describe existing natural features and to identify any potential environmental effects of the project. The EIS, prepared by SLR Consulting Ltd., reviewed vegetation communities, wildlife habitat, wetlands, and surface drainage patterns on and adjacent to the property. No Provincially Significant Wetlands, Areas of Natural and Scientific Interest, or other provincially designated features were identified on or immediately adjacent to the site. The assessment found that the project area consists mainly of previously disturbed lands associated with the existing solar facility and portions of regenerating meadow and young woodland.

Mitigation measures were recommended to minimize construction-related disturbance, including maintaining vegetated buffers where possible, restricting tree removal to outside the breeding-bird season, and installing a replacement bat roosting structure to compensate for removal of a

single cavity tree. The EIS concluded that with the recommended mitigation measures, the project is not expected to result in negative impacts to natural heritage features or functions.

The Vegetation Management Plan, prepared by PowerBank, establishes ongoing maintenance and inspection practices intended to maintain safe and reliable operation of the facility, control vegetation growth, and reduce fire risk through a defined schedule of mowing, inspections, and buffer management. The plan includes a 30-metre low-growth vegetative setback and gravel access road surrounding the facility to create a defensible space consistent with provincial wildfire mitigation guidance.

The EIS and Vegetation Plan were peer reviewed by TULLOCH's Environmental Division on behalf of the Township through several review stages between April and September 2025. Revisions to mapping, feature boundaries, and mitigation measures were made in response to comments. The final peer review confirmed that previous comments had been addressed, that the information was sufficient for municipal review, and that no further updates were required.

Environmental Site Assessment (ESA) and Regulatory Confirmation

A Phase One Environmental Site Assessment (ESA) was prepared by EXP Services Inc. for the subject lands to document past and present land uses and identify any areas where potential soil or groundwater contamination could exist. The ESA covered both the existing solar facility and the adjacent lands proposed for the BESS development. The assessment identified two on-site activities requiring further consideration: electricity generation infrastructure related to the solar installation, and a small area where old tires had been stored. No other potential contamination sources were observed, and no impacts were identified from surrounding properties.

While the report indicated that a Phase Two ESA could be completed to confirm subsurface conditions, it was not required because no Record of Site Condition is necessary for the proposal. A revised Phase One ESA was reviewed and accepted by TULLOCH as part of its final review in July 2025.

In October 2024, the Ministry of the Environment, Conservation and Parks (MECP) issued an Environmental Activity and Sector Registry (EASR) confirmation for the site. The registration recognizes the facility as a battery energy storage operation subject to the applicable air and noise requirements under provincial regulation.

Stormwater Management Report

A Stormwater Management Report was prepared by PRI Engineering. The report describes existing drainage patterns, soil and grading conditions, and the measures proposed to manage stormwater runoff associated with construction and operation of the facility. It outlines that on-site drainage will be directed to a detention feature designed to control runoff rates and maintain stable post-development conditions. The report also identifies erosion and sediment control practices to be implemented during construction to limit off-site impacts.

The Stormwater Management Report is currently under peer review by TULLOCH Engineering on behalf of the Township of Armour. Through the review, additional information has been

requested to confirm stormwater quantity and quality controls and emergency management considerations. The peer review remains in progress.

Acoustic Assessment & Air and Gas Emissions Memo

An Acoustic Assessment Report was prepared by EXP Services Inc. to evaluate potential noise impacts associated with the proposed BESS. The assessment was completed in accordance with Ministry of the Environment, Conservation and Parks (MECP) noise assessment requirements and identified all primary stationary noise sources associated with the facility, including battery containers, inverters, transformers, and HVAC units. Noise levels were modelled at existing and potential residential receptors along Peggs Mountain Road. The assessment concluded that predicted sound levels would comply with MECP's sound level limits for a Class 3 (rural) area.

A supporting Air and Gas Emissions Memo, also prepared by EXP, stated that the system is not expected to produce air emissions during normal operation. The document indicated that any gas release would be limited to emergency conditions and referenced a third-party fire-plume modelling study from a comparable BESS installation. That study reported that, under a simulated worst-case fire event, negligible off-site thermal and air-quality impacts were predicted based on the modelled conditions.

Both studies were peer reviewed by Cambium Inc. on behalf of the Township of Armour. Cambium's initial review (May 21, 2025) provided technical comments related to modelling assumptions and data references. Following the submission of updated materials and responses by EXP, Cambium issued a final review letter (August 18, 2025) stating that the updated documents addressed its previous comments and that no further technical issues were identified.

Hazard Mitigation Analysis

A Hazard Mitigation Analysis (HMA) was prepared by Fire & Risk Alliance to evaluate potential fire and life safety risks associated with the proposed BESS. The assessment reviewed the system's design, battery technology, and emergency response considerations against recognized Canadian and International safety standards and regulatory requirements for energy storage installations. The analysis is based largely on the safety characteristics and testing of the EVLOFLEX battery technology, which uses lithium iron phosphate chemistry and has been certified under nationally recognized performance and fire-safety standards.

The analysis concludes that the proposed system can be designed and operated to meet applicable safety objectives when installed in accordance with manufacturer specifications and relevant standards.

The report was peer reviewed by PLC Fire Safety Engineering on behalf of the Township. The peer review identified several items requiring clarification, which were addressed through updated submissions and correspondence in 2025. The most recent review letter (November 2025) notes that the technical issues have been resolved, with only minor administrative matters to be finalized.

Emergency Response Plan

An Emergency Response Plan (ERP) was prepared by Fire & Risk Alliance to outline emergency procedures. The plan describes site hazards, detection and alarm systems, response tactics, command structure, and post-incident procedures intended to guide first responders in managing potential emergency scenarios involving the facility.

The ERP was peer reviewed by PLC Fire Safety Engineering to assess its alignment with recognized emergency management and firefighter safety standards. An updated version of the ERP and detailed responses to comments were submitted in September 2025. The peer review remains ongoing pending final confirmation of revisions.

Firefighter Training Program

A Firefighter Training Program was prepared by PowerBank and Fire & Risk Alliance to outline proposed emergency-preparedness training for the Burk's Falls and District Fire Department in relation to the proposed BESS. The program describes virtual and on-site training sessions intended to familiarize firefighters with BESS operations, safety systems, and emergency-response procedures should the facility be approved and constructed.

The program is under peer review by PLC Fire Safety Engineering. The review has provided preliminary comments regarding course format, documentation, and alignment with firefighter training standards. Additional information has been submitted by the proponent, and the peer review remains in progress.

Commissioning Plan

A Commissioning Plan was prepared by PowerBank for the proposed BESS. The plan outlines the procedures to be followed for testing, energization, and verification of all BESS components prior to operation. It includes safety measures, inspection steps, and commissioning tests intended to confirm the proper installation and functioning of the equipment. The plan identifies testing sequences for electrical, control, communication, and safety systems under both powered and non-powered conditions.

The Commissioning Plan was peer reviewed by BBA Inc. In the review dated April 4, 2025, BBA provided technical comments recommending the addition of further details related to testing standards, documentation, and responsibilities. PowerBank subsequently submitted an updated version of the plan, along with written responses to the comments. In correspondence dated July 29, 2025, BBA confirmed that the revisions addressed its previous comments and that no further technical comments were outstanding.

Decommissioning Plan

A Decommissioning Plan was prepared by PowerBank describing the procedures to be followed at the end of the facility's operational life or in the event that the BESS is decommissioned. The plan outlines steps for the safe disconnection, removal, transportation, and disposal or repurposing of all equipment, as well as site restoration activities. It identifies applicable

standards, including NFPA 855, Ontario environmental regulations, and Hydro One requirements, and includes a general timeline of approximately three to six months for decommissioning following permanent cessation of operations. The plan also includes an estimated decommissioning cost of approximately \$85,400 (2025 dollars).

The Decommissioning Plan was also peer reviewed by BBA Inc. The initial review (April 4, 2025) recommended the inclusion of a decommissioning schedule, stakeholder list, cost basis, and reference to applicable safety and fire-protection standards. PowerBank submitted a revised plan on July 17, 2025, together with written responses to all review comments. In a letter dated July 29, 2025, BBA confirmed that the updated plan incorporated its recommendations and that all previous comments had been addressed.

Next Steps

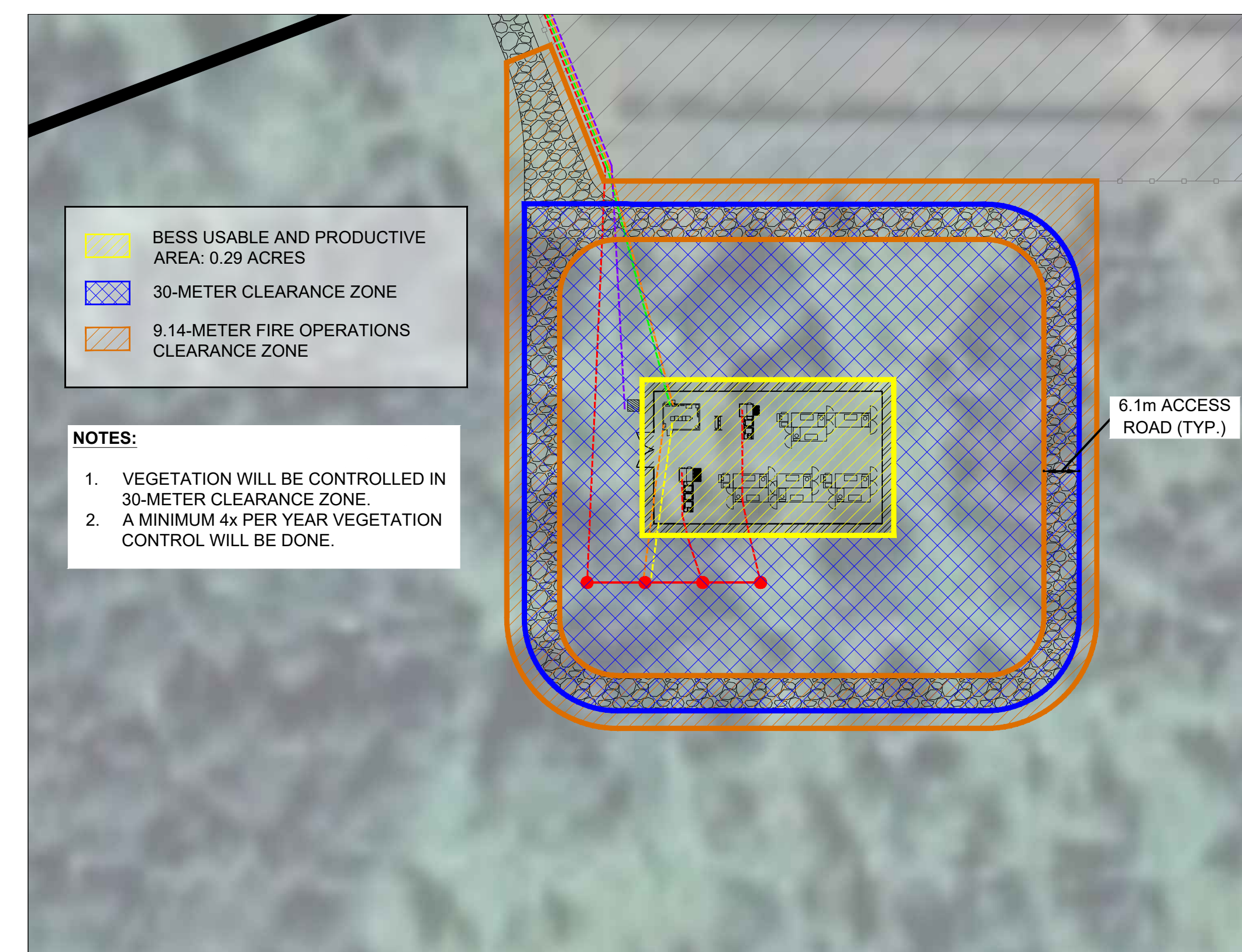
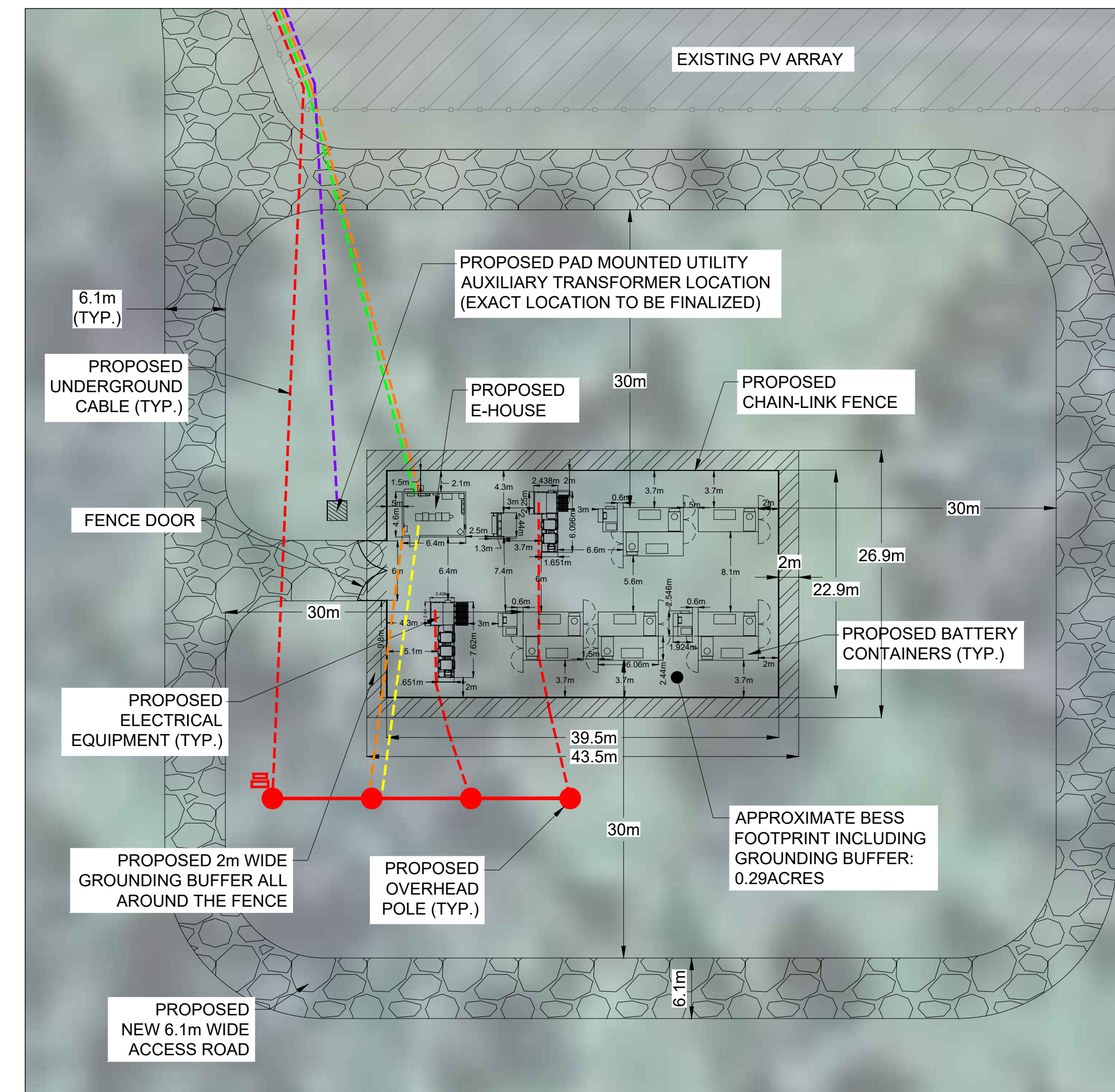
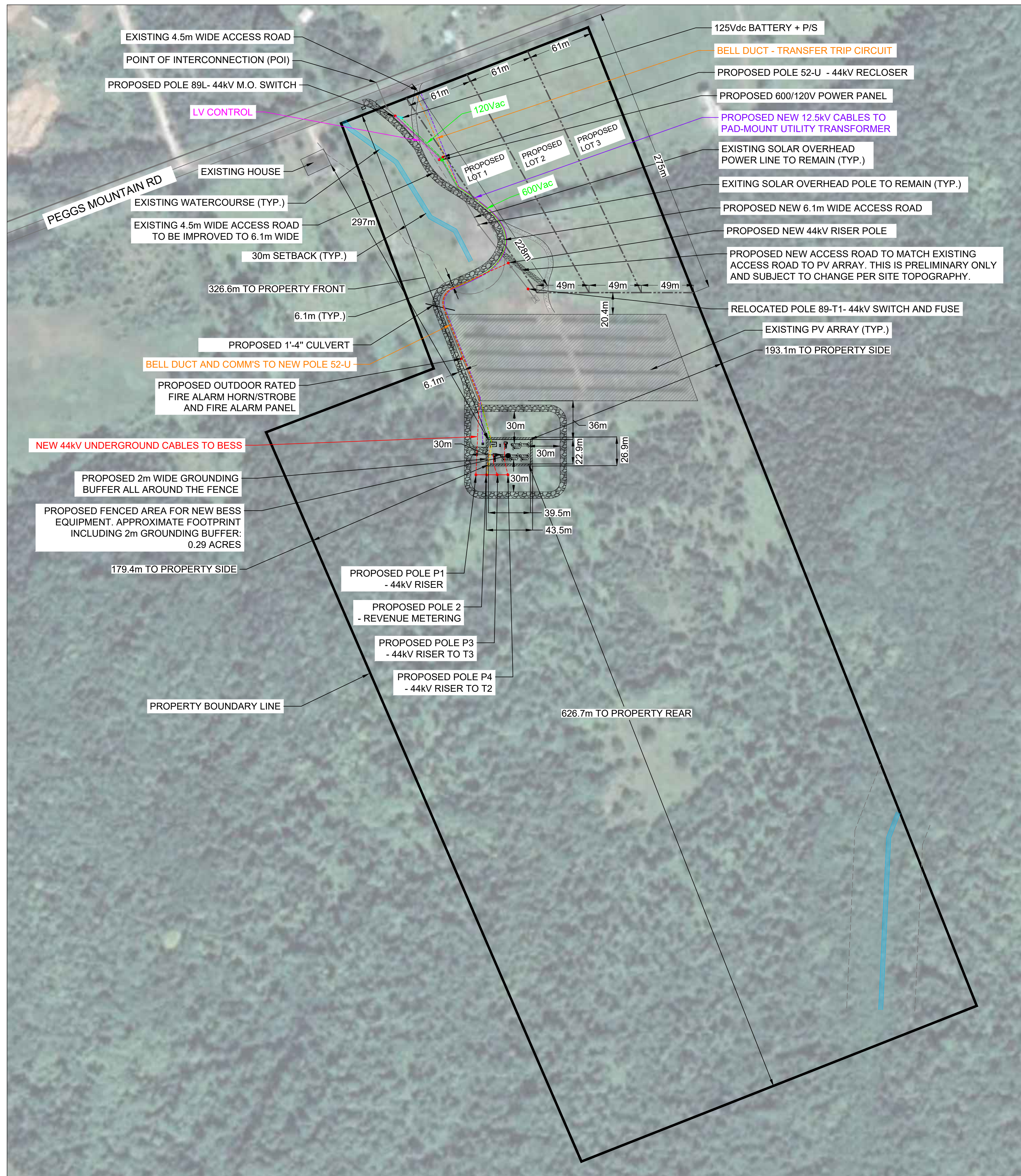
Once public and agency comments have been received at the Public Meeting and considered by TULLOCH, Township staff and Council, TULLOCH will prepare a second report for Council. It is anticipated that the applications may be further considered by Council, early 2026.

Yours very truly,



Sam Soja
Senior Planner | Project Manager
TULLOCH Inc.

APPENDIX 'A':
DRAFT SITE PLAN
(Submitted by PowerBank)



Suite 803, 505 Consumer Road,
North York M2J 4V8
T: 416 494 9559
www.solarbankcorp.com

ISSUE STAGE:

PERMIT

THIS DRAWING IS AN INSTRUMENT OF SERVICE, IS PROVIDED BY AND IS THE PROPERTY OF ABUNDANT SOLAR ENERGY INC. THIS DRAWING CANNOT BE MODIFIED AND/OR REPRODUCED WITHOUT THE CONSENT OF THIS OFFICE

ENGINEER'S SEAL

FOR PRELIMINARY ONLY
AND NOT FOR CONSTRUCTION

REV#	DESCRIPTION	DATE	D.B.	C.B.
06	ISSUED FOR PERMIT	2024-11-28	S.Z.	H.R.
05	ISSUED FOR REVIEW	2024-11-14	S.Z.	H.R.
04	ISSUED FOR REVIEW	2024-03-04	S.Z.	M.S.
03	ISSUED FOR REVIEW	2024-02-21	S.Z.	M.S.
02	ISSUED FOR REVIEW	2024-01-16	S.Z.	S.X.
01	ISSUED FOR CONSENT APPLICATION	2023-12-21	S.Z.	S.X.
00	ISSUED FOR CIA	2023-07-28	S.Z.	S.X.

DRAWING NAME:
SITE PLAN

DRAWN BY:
S.Z.

CHECKED BY:
H.R.

SCALE:
AS NOTED

DATE:
2024-11-28

PROJECT ADDRESS:
903
219 PEGGS MOUNTAIN ROAD,
ARMOUR, ONTARIO, P0A 1C0

PROJECT NO.:
E-LT1-903

DRAWING NO:
E-1

REV. NO:
06



Date: November 18, 2025
 To: Council
 From: Charlene Watt, Municipal Clerk
 Subject: Clerk's Summary of Written Submissions for the PowerBank Corporation's
 Official Plan Amendment No 4 and Zoning By-law Amendment
 Applications - 219 Peggs Mountain Road

There were 1,508 submissions opposing the battery energy storage system applications and two submissions supporting the battery energy storage system applications.

The opposition petition from No Lithium Way – Citizens United included 901 signatures.

The opposition petition from Change.org included 527 signatures.

An additional 80 individual opposition submissions were received.

A supporting submission was received from Christine Lauffer and noted that with increasing electricity use, a battery system could help manage demand.

The second supporting submission was from the Independent Electricity System Operator (IESO) that encouraged Council to advance Ontario's energy infrastructure.

TRI Council partners, (the Village of Burk's Falls and the Township of Ryerson) submitted resolutions of opposition. The Township of Ryerson is the administering municipality for fire services. The Township of Ryerson expressed opposition citing safety, environmental, and operational risks that could affect both the Township and the wider Almaguin area. The site's location is in a high-risk wildland fire zone and strains the volunteer fire department and first responders who lacked specialized training and equipment. Additional issues included environmental impacts, financial burdens from increased insurance and liability, and uncompensated training demands on volunteer firefighters.

The Village of Burk's Falls Council, supported by the Township of Ryerson, Village of South River, Township of Conmee, Township of Asphodel Norwood, Township of Chatsworth, and the Municipality of Brooke-Alvinston, formally expressed opposition to the proposed Battery Energy Storage System applications. The resolutions cited concerns regarding public safety, environmental risk, land use compatibility, and limited local economic benefit. It requested that the Province of Ontario suspend all new BESS approvals. The resolution further urged that BESS installations be restricted to lands

already zoned for industrial use, called on SolarBank Corporation (now PowerBank) to withdraw its application.

Community members and stakeholders expressed opposition to the proposed Battery Energy Storage System (BESS) a summary list of key concerns drawn from submissions included:

1. Transparency, Trust, and Public Process – Inadequate consultation, procedural issues, and lack of accountability erode public trust.
2. Public Health and Safety – High fire, explosion, and contamination risks; poor emergency access and inadequate local response ability.
3. Environmental Protection – Threats to water, Magnetawan River, soil, air, and wildlife; increased contamination and wildfire risks.
4. Compatibility with Rural and Residential Land Use – Industrial-scale project unsuitable for rural settings; conflicts with homes, farms, and natural areas.
5. Economic and Social Impacts – Property value decline, insurance and tourism risks, municipal costs, and reduced community well-being.
6. Legal, Procedural, and Policy Conflicts – Planning Act appeal issues; inconsistency with Provincial Planning Statement (PPS) obligations.
7. Infrastructure and Emergency Service Capacity – Insufficient training, equipment, and response capability for lithium-related incidents.
8. Environmental Stewardship and Sustainability – Contradiction of PPS goals to protect farmland, heritage, and sustainable land use.
9. Community Values and Livability – Erosion of rural character, social cohesion, and public confidence.
10. Precaution, Accountability, and Technological Reliability – Unproven technology, unclear safety data, and risk burdens shifted to municipalities and residents.

The Ontario Energy Board advised in writing that the applicant is not registered and does not possess an electricity storage license.

The Ministry of Transportation advised in writing that the subject lands are not located within the MTO's permit control area.

Ministry of the Environment, Conservation and Parks (MECP) has confirmed that the proposed BESS has a Noise EASR (Environmental Activity and Sector Registry) registration. The Ministry advised that when the stormwater management plan is updated, the Compliance Officer would like to review.

The Burk's Falls Fire Chief submitted a report citing safety, environmental, training, and financial concerns regarding the proposed BESS. Key points included: the unknown long-term health risks to firefighters from exposure to lithium fires and related contaminants, particularly in the MNRF high wildland fire risk area where the Township is responsible for fire response; potential environmental contamination from electrolyte runoff during a fire and the lack of a stormwater or water-catch system; the inadequacy of current training provided by the applicant, which may not align with the Safety Data Sheets (SDS); and the likelihood of increased insurance costs for the Township and Automatic Aid partners. The Chief recommended precautionary measures, review of emergency facility location, renegotiation of the MNRF agreement to address financial risk, and formal notification to Automatic Aid partners regarding insurance increases.

The Fire Chief for the Town of Kearney, an automatic aid fire department, opposed the BESS applications.

Of the submissions expressing opposition to the proposed BESS, four were submitted by individuals identifying themselves as volunteer firefighters, citing safety and emergency response concerns.

No Lithium Way – Citizens United Incorporated submitted a four-page resolution opposing the BESS applications due to significant risks of fire, contamination, environmental harm, and threats to community safety and property values.