



Presentation to the Municipality of Arran-Elderslie

Battery Energy Storage System (BESS)

**to participate in the IESO RFP for
the Procurement of Expedited Long-Term
Electricity Reliability Services
("E-LT1 RFP")**

Solar Flow-Through Funds

December 2022

Why are we here today?



Ontario Faces Growing Electricity Supply Gap

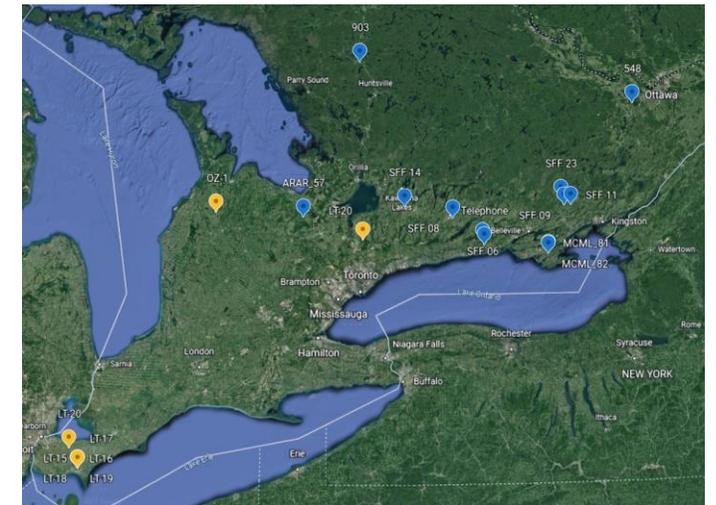
- Ontario is in an emerging electricity system needs, driven by increasing demand, the retirement of the Pickering nuclear plant, the refurbishment of other nuclear generating units, as well as expiring contracts for existing facilities.
- Ontario's Independent Electricity System Operator (IESO, governed by a government appointed Board) has initiated a robust competitive processes that focus on cost-effective reliability, while more effectively balancing ratepayer and supplier risk in this changing environment to address these needs in a timely, cost-effective and flexible manner.
 - IESO's Long-Term RFP (**LT1 RFP**) will acquire **2,500 MW** of electricity reliability services to meet system reliability needs starting in 2027 or earlier.
 - A complimentary Expedited Long-Term RFP (**E-LT1 RFP**) is to acquire **1,500 MW** of electricity capacity services to deliver a continuous amount of Electricity to your grid for at least four (4) consecutive hours starting in 2025.



Ontario confirms 1.5 GW-plus tender for battery storage

The Canadian province of Ontario will include a big slice of energy storage capacity as it plans its near-term grid requirements.

OCTOBER 12, 2022 **MAX HALL**



Solar Flow-Through Fund – Project Proponent

- Solar Flow-Through Funds (SFF), based in Vancouver and Toronto, is a solar energy investment and development limited partnership and is a leading supplier of renewable energy in Canada. SFF partners with municipalities, communities, and First Nations to the benefit of local economies while reducing green house gas emission.
- The Fund's portfolio is comprised of 70 solar photovoltaic generation projects in Ontario totaling 28.8 MW DC as outlined in the below table.
- Solar Flow-Through Fund was qualified through IESO's RFQ process to invest in 20 BESS strategically located in 11 municipalities. Your municipal support will empower us to gain a 22-year IESO E-LT1 Reliability Services Contract.
 - Bidders must submit projects to the IESO for expedited assessment by January 24, 2023.



Solar Flow-Through Fund – Team

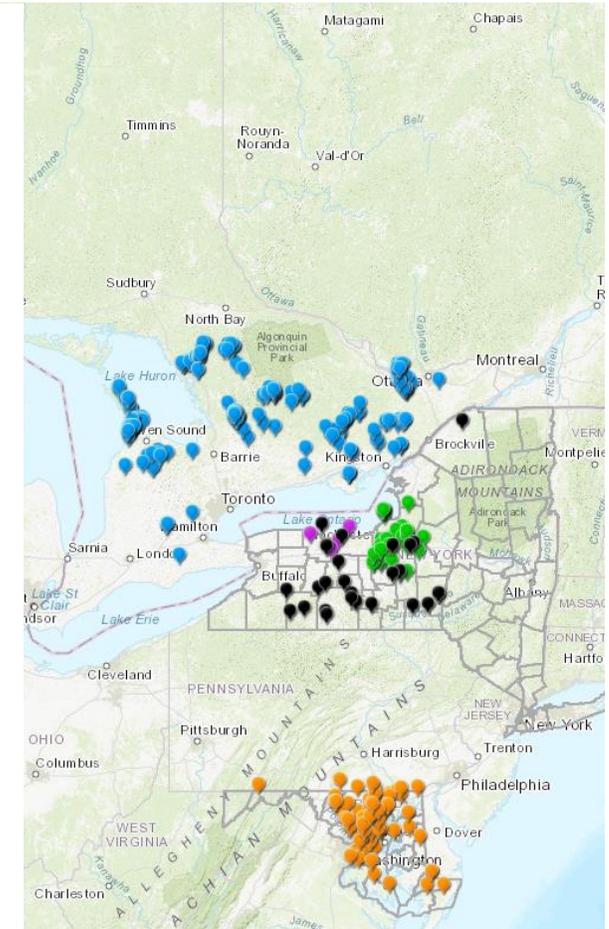
- **Matt Wayrynen, CEO:** Mr. Wayrynen provides experience in resource company management, venture capital, startup financing, and mergers and acquisitions. He has also been involved in the evaluation of investment opportunities in solar projects in Canada and abroad. He was formerly active in the real estate industry. In addition, he was a licensed securities professional for over 10 years. Currently, he is also a director of several publicly-listed resource companies.
- **Frederick Jung, CFO:** Mr. Jung is a seasoned finance executive with extensive experience in delivering financial leadership for small to large publicly-listed companies across multiple industries. He directed and oversaw all aspects of international finance and accounting function. He received a Bachelor of Commerce with Honours from the University of British Columbia and holds both the Chartered Professional Accountant and Chartered Financial Analyst designations.
- **John C. Kozak, COO:** Mr. Kozak is a proven senior executive who excels in corporate finance and strategic planning with extensive experience in Capital Markets and Software. Mr. Kozak provided access to capital for nearly 40 companies. Mr. Kozak has contributed at the Board of Directors level for over twenty years in both publicly traded and private companies. He has also worked throughout North America, Europe, China and Australia.
- **Franklin Wong, VP of Operations:** Mr. Wong is a senior business development executive with over thirty years' experience in the telecommunications and computer industries. He specializes in business development, alliances, mergers and acquisitions in the high technology and telecommunications industries.



Abundant Solar Energy Inc. – Proponent’s Agent & Developer

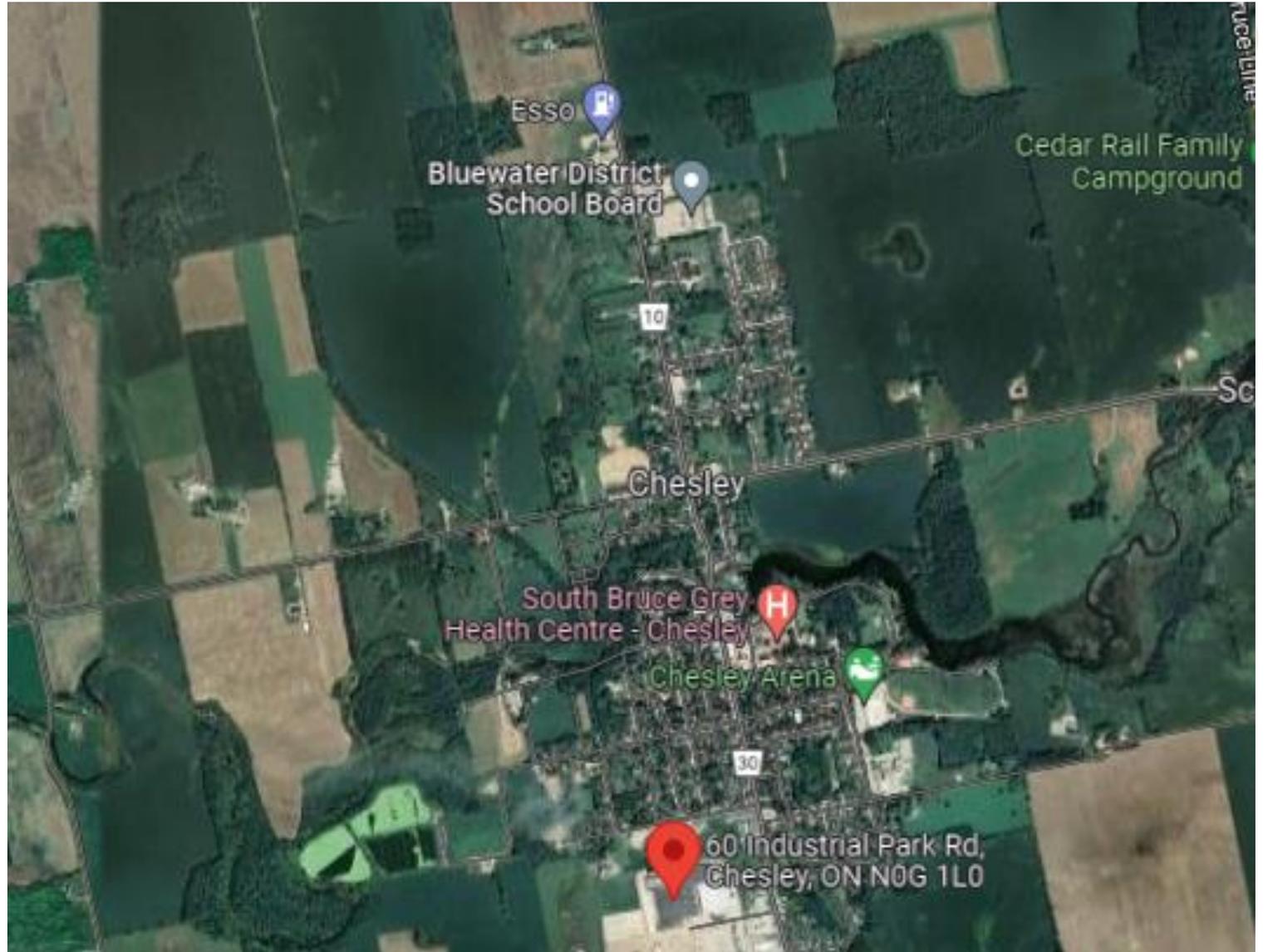
- **Abundant** was founded in 2013, is a leading renewable energy asset developer, that enable the proliferation of renewable and clean energy in the peruse of Net Zero carbon emission reduction.
- **Abundant** has established itself as a trusted developer, engineer and asset operator in Canada and the US. Our core competency is in deeply understanding and mastering the ‘local playbook’ of standard offer programs in North America allowing us to successfully grab market share while maintaining low overhead and capital at risk.
- **Abundant’s** executive team has 100+ years of combined experience coupled with a strongly defined philosophy and financial vision for successful growth.
- **Abundant** provides simple, reliable, and energy-resilient solutions to our customers that significantly reduce their carbon footprint. We have extensive experience working with Municipalities, First Nations, Community Co-Operatives, Regional Planning Authorities, Commercial businesses and property owners.

* Projects Abundant developed in the past.



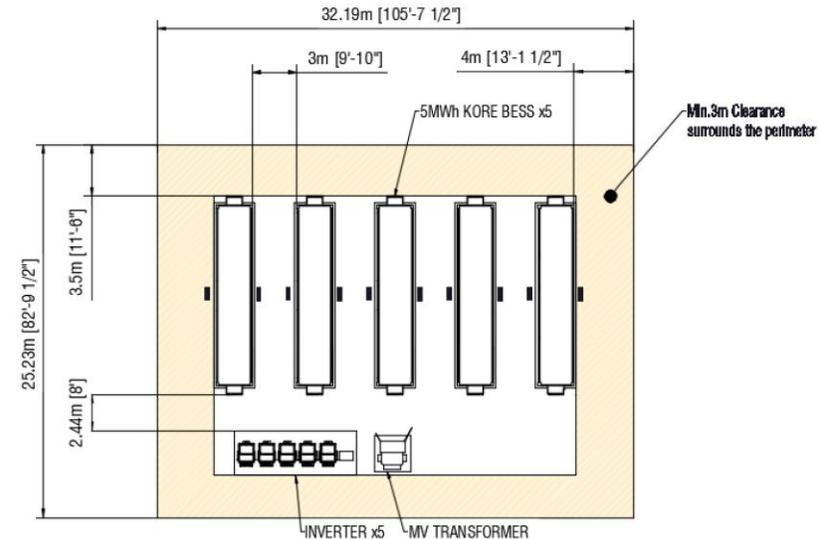
The BESS Site

- This map depicts where in your municipality the BESS will be located.
- The site address is **60 Industrial Park Drive, Chesley, ON N0G 1L0**, just North of intersection Country Rd 19 and Bruce 30 Rd.



Battery Energy Storage System (BESS)

- Each BESS will be sized to 4.99 megawatts/20 megawatt hours in capacity and duration.
- Each BESS will occupy total approximately 0.28 acres of land, including all required setbacks and spacing.
- BESS will be independently connected to the Ontario electricity grid.
- The BESS will charge at night when electricity demand is low, and discharge during the day when demand is high.
- BESS components include containerized units housing all necessary batteries, inverters, fire suppression and extinguishment, and HVAC systems.



TYP. MW/20MWh (25MWh) KORE BESS - 0.20 ACRES

* Images are for illustration only.

Benefits to the Community

- The BESS project is intended to enhance grid reliability, ultimately reducing chances of local outages.
- Construction, operations and maintenance activities will stimulate local economic activity with long-term contracts to local businesses as much as possible.



Timelines

- As per the IESO procurement process below, all projects must be submitted by January 24, 2023 to qualify for the expedited process*.



- One requirement of project approval is a Municipal Support Resolution.
- If selected by the IESO for contract, permitting and development would commence in mid-2023; and all protocols including but not limited to safety, environmental protection, wetland conservation, and applicable visual screening will be followed.
- The projects are expected to be operational in 2025.

*Please note, timeline above is accurate based on current draft provided by IESO. Timeline is subject to change based on IESO's discretion.

Questions & Next Steps

- To meet the IESO requirement of project approval with a **Municipal Support Resolution** in the form of Prescribed Form (Exhibit A).



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F 416-967-1947
www.ieso.ca

Prescribed Form – Evidence of Municipal Support
Support
LT.RFP@ieso.ca



EXHIBIT A FORM OF MUNICIPAL SUPPORT RESOLUTION

Resolution NO: _____ Date: _____

[Note: The Municipal Support Resolution must not be dated earlier than January 27, 2022.]

[WHEREAS]:

- The Proponent is proposing to construct and operate a Long-Term Reliability Project, with the characteristics outlined in the table below, under the E-LT1 RFP.

Name of the Long-Term Reliability Project:	<insert name of Long-Term Reliability Project>
Proponent:	<insert legal name of the Proponent>
Technology of the Long-Term Reliability Project:	<select one>
Maximum Contract Capacity of the Long-Term Reliability Project (in MW):	<insert the Maximum Contract Capacity of the Large Renewable Project in MW>
Legal description of the portion of the Project Site that is located on lands subject to the authority of one or more Municipalities:	<insert the applicable description> (the “Municipal Lands”)

- Pursuant to the E-LT1 RFP, Proposals that receive the formal support of the local jurisdictional authorities of all the project communities in which the Long-Term Reliability Project is located in the form of a support resolution will be awarded Rated Criteria points for the purpose of ranking the Proposal in relation to other Proposals for a contract under the E-LT1 RFP;
- Pursuant to the E-LT1 RFP, Proposals that did not receive the formal support of the local jurisdictional authorities of all the project communities in which the Long-Term Reliability Project is located in the form of a support resolution may be required under the E-LT1

Thank You



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