



**ABUNDANT Solar Energy Inc.**  
Suite 803, 505 Consumers Rd,  
Toronto, ON M2J 4V8  
Tel: 1 416 494 9559  
www.abundant.solar



**The Township of Cramahe**  
**1 Toronto St**  
**Colborne, ON K0K 1S0**

Dear Township of Cramahe,

We are writing to you to make you aware of a Battery Energy Storage System (BESS) Project, to be located in your municipality, will be proposed to IESO (Ontario's Independent Electricity System Operator) to participate in IESO's Request for Proposals (RFP) for the Procurement of Expedited Long Term Electricity Reliability Services process (E-LT1 RFP). As part of the community engagement, we are sharing the outline of the Project with you, as well as notifying and inviting you to attend the public meeting hosted by the Proponent and Developer at Rotary Hall, Keeler Centre where more information will be shared.

### **IESO Procurement Background**

After more than a decade of strong supply, Ontario is entering a period of emerging electricity system needs, driven by increasing demand, the retirement of the Pickering Nuclear Generating Station, the refurbishment of other nuclear generating units, and expiring supply contracts at other facilities.

To address these needs, Ontario's Independent Electricity System Operator (IESO) is competitively procuring 3,500 megawatts of capacity through the first Long-Term Request for Proposals (LT1 RFP), a complimentary expedited process (E-LT1 RFP) and the Same Technology Upgrade Solicitation. The LT1 RFP together with the E-LT1 RFP will competitively procure year-round effective capacity from dispatchable New Build resources, including New Build hybrid electricity generation and storage facilities.

### **Proponent Information and Procurement Participation**

1000234763 Ontario Inc., operating as Solar Flow-Through Funds (SFF), is a group of limited partnerships with offices in Vancouver and Toronto. SFF has partnered with Abundant Solar Energy Inc. (ASE) to participate in IESO's long-term capacity procurement to ensure reliability in Ontario's electricity grid. SFF develops facilities and technologies that contribute to the global reduction of greenhouse gases and use of fossil fuels. Currently, SFF's portfolio consists of 70 operating solar projects in Ontario, totaling 29 MW DC.

The Proponent is a Qualified Applicant under the IESO procurement process. SFF has retained Abundant Solar Energy Inc. (ASE, an experience renewable energy engineering firm) to prepare applications for the E-LT1 RFP, which are due on December 20th, 2022, based on the IESO E-LT1 RFP draft Rule. If selected for the IESO 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 mid-2025.



**ABUNDANT Solar Energy Inc.**  
Suite 803, 505 Consumers Rd,  
Toronto, ON M2J 4V8  
Tel: 1 416 494 9559  
www.abundant.solar



## **Developer**

ASE is acting as an agent and developer for SFF. ASE is a 100% Canadian-owned independent renewable and clean energy project developer and asset operator. Since 2013, Abundant has enabled the proliferation of renewable and clean energy contributing to reduce carbon emission goals through its development, engineering, and asset management services in Canada and the United States.

## **Project Information**

The proposed utility grid-connected battery energy storage systems (BESS) will be located at the attached location (refer to site plan). The system will be a 5-megawatt/20-megawatt hour battery energy storage system using lithium-ion battery technology. Each BESS is expected to occupy approximately 0.28 acres of land, including all required setbacks and spacing and will be located close to an existing solar array site, independently connected to the Ontario electricity grid. The BESS will be charged by the local grid overnight when there is low electricity demand and will supply power to the grid at times of high demand, providing significant benefits to grid reliability. BESS components include containerized units housing all necessary batteries, inverters, fire suppression and extinguishment, and HVAC systems.

## **Community Benefits**

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

## **Public Meeting Details**

As part of the project development process, community members are invited to attend a public meeting that will be held at **7pm on November 9th, 2022, at Rotary Hall, Keeler Centre.** This meeting is intended to ensure that community members have the chance to become informed about the project and ask any questions they may have.

## **Questions and Contacts**

Please feel free to reach out to the contacts below if you have any questions regarding the procurement process, companies involved, and/or proposed projects.

**Mila Simon** – *Project Coordinator* – Abundant Solar Energy

[mila.simon@abundantsolarenergy.com](mailto:mila.simon@abundantsolarenergy.com)

**Genny Nugent** - *Executive Assistant* – Solar Flow-Through Funds

[gennyn@solarflowthrough.com](mailto:gennyn@solarflowthrough.com)

**Matt McGregor** – *Director, Policy and Planning* – Abundant Solar Energy

[matt.mcgregor@abundantsolarenergy.com](mailto:matt.mcgregor@abundantsolarenergy.com)

Sincerely,

Mila Simon  
Project Coordinator  
Abundant Solar Energy Inc.