



## 2023 Newsletter

Walker BESS 4,  
Walker BESS 5,  
and Walker BESS 6

### Project Updates

We are happy to announce that Walker BESS 4, Walker BESS 5 and Walker BESS 6 (the “Walker Projects”), our lithium-ion battery energy storage projects located in Windsor, ON, [have been successful](#) in the first phase of the IESO’s Expedited Long-Term 1 (E-LT1) procurement. Our team is deeply thankful for the continued support from the community and municipal stakeholders during the early development stage and we are thrilled to continue to develop the projects through to construction.

We look forward to working closely with the City of Windsor throughout this process, and as such we are issuing our inaugural newsletter, which highlights the project development and construction roadmap ahead.

### Project Details at a Glance

The three distinct battery energy storage projects are co-located at 3940 North Service Road East, Windsor, ON, N8W 5R7. Each project is a 4-hour energy storage system with a maximum nameplate capacity of 4.999 megawatts (MW). They will connect to Windsor’s power distribution grid via a new point of interconnection (POI), tapping into the 27.6 kilovolts (kV) feeder on North Service Road East, owned by EnWin Utilities. The project will be located on about 1 acre of commercial/light industrial-zoned, leased private land.

### Expected Benefits

#### Job Creation

The construction and operations of the Walker Projects will require project managers, electrical engineers, installation and maintenance technicians, energy analysts, and compliance specialists, among other professionals based in the Province of Ontario.



#### Decarbonization

By helping avoid the use of fossil fuel generation during peak hours, the Walker Projects will offset CO2 emissions in the Province of Ontario, supporting the transition to a low-carbon grid.



### Project Schedule

The Walker Projects are currently in the development and permitting process.

#### CONTINUING THROUGH 2023

Public engagement, permitting studies, and project design

#### 2024

Municipal and environmental permits approved

#### 2025

Commercial Operation begins

MAY 2023

IESO Contract Award

2023

Connection Agreement with EnWin Utilities

2024

Project construction begins

### What is a Battery Energy Storage System (BESS)?

When Ontario’s electricity grid needs more power (like on the hottest days of the year), the IESO turns to on-demand resources, like energy storage, to support Provincial electricity needs. Decentralized energy storage infrastructure can prevent emergency grid events such as rolling blackouts, and help defer more capital-intensive system upgrades that directly impact ratepayers. Ideally, BESS sites are located near electricity substations or 3-phase power lines to improve overall efficiencies.

Although energy storage comes in different shapes and sizes, the lithium-ion Battery Energy Storage System (“BESS”) is the fastest emerging technology in North America and will be deployed in the City of Windsor with the Walker Projects.



## Safety is our #1 Priority

The Walker Projects will be subject to a number of safety compliance codes, including the NFPA855, UL9540, and UL9540A standards. Our battery enclosures will have a built-in fire suppression system (FSS) composed of smoke detectors, gas detectors, and fire-retardant agents, whose primary function will be to prevent any thermal propagation in the battery energy storage system. The BESS will be certified to industry-leading NFPA855, UL9540, and UL9540A standards to prevent thermal runaway at the cell and the system level. The management of any risks will start at the cell level, with the selection of battery chemistry, and compliance with local authorities having jurisdiction (AHJs) along with global-recognized certifications.

Our team has engaged the local Fire department for screening and additional training and will be developing an Emergency Fire Response Plan to equip firefighters and other stakeholders with knowledge of the BESS fire protection standards.

## Engagement with the Community of Windsor

Fulsome community engagement is critical to creating trusting and long-lasting relationships. As the Walker Projects progress, we plan to have an in-person community meeting and other community-related initiatives to keep stakeholders well informed about the projects' progress.

We believe that transparency and honesty are the keys to our relationship with Windsor's local community. We are always looking for community engagement opportunities to further build and strengthen a long-lasting relationship with our community stakeholders. Let us know if there is a way that we may be able to support a local event or organization that is important to you!

## Shared Interest in Environmental Protection

The Walker Projects can offer numerous environmental benefits as they enable deeper integration of renewable energy sources such as solar and wind power by storing and releasing energy to balance the grid. This helps reduce reliance on fossil fuel-based power plants and promotes the use of clean and sustainable energy sources while maintaining the stability and integrity of the Provincial grid.

To ensure proper mitigation of negative impacts due to the Project development, we will seek to obtain an Environmental Activity Sector Registry (EASR) registration, which is a regulatory approval process that satisfies regulatory requirements for noise and air emissions from the projects. Since the lithium-ion battery project is anticipated to have a minimal noise and air emissions profile, the EASR approval is expected to be a straightforward process.



### FOR MORE INFORMATION, CONTACT:

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