

Fitzroy Battery Energy Storage System Project

Ontario is predicting an electricity shortfall during peak hours as early as 2025 and the government is requesting proposals for new projects to prevent blackouts. The Fitzroy BESS Project directly responds to this call.

The Project is expected to be operational by **May 2028**, subject to the IESO determining the project to be best for Ontario ratepayers. For renewable projects of this nature and size, we can presume:

- ✔ Minimal noise impact
- ✔ Minimal traffic when facility is operational
- ✔ Increased electricity supply and reliability
- ✔ Reduced chance for outages in the network



L'Ontario prévoit une pénurie d'électricité aux heures de pointe dès 2025 et le gouvernement sollicite des propositions pour de nouveaux projets visant à prévenir les pannes d'électricité. Le projet Fitzroy BESS répond directement à cet appel.

La mise en opération est prévue d'ici **mai 2028**, sous réserve que la SIERE détermine que le projet est positif pour les contribuables ontariens. Pour un projet d'énergie renouvelable de cette nature, nous estimons :

- ✔ Impact sonore minimal
- ✔ Impact minimal sur la circulation une fois l'installation en opération
- ✔ Permet d'ajouter de la puissance et de la fiabilité
- ✔ Permet de limiter le nombre de pannes dans le réseau

Brookfield Renewable Power Inc. ("BRPI") or an affiliate, will be advancing the **Fitzroy BESS** through Evolugen, Brookfield's Canadian operating business.

Brookfield Renewable Power Inc. (« BRPI ») ou un affilié, propose le projet **Fitzroy BESS** par l'entremise d'Evolugen, sa société d'exploitation canadienne.

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Fitzroy Battery Energy Storage System Project

The Project is in the feasibility stage and would consist of installing battery modules, some additional power equipment, light civil, safety, and security infrastructure.

Project Overview

- ✓ Located on ~14 acres of an 80 acre-site on private land in Fitzroy Harbour, ON
- ✓ Adds up to 250 MW of capacity and 1,000 MWh of energy storage, which can be deployed as required
- ✓ Initial investment of ~\$650 million
- ✓ Interconnects to IESO using the nearby 230 kV circuit



Le projet proposé est à la phase de faisabilité et comprendra l'installation de modules de batteries, du matériel électrique supplémentaire ainsi que des infrastructures civiles légères de sûreté et de sécurité.

Aperçu du projet

- ✓ Situé sur environ 14 acres d'un terrain privé de 80 acres à Fitzroy Harbour, en Ontario
- ✓ Ajoute jusqu'à 250 MW de capacité et 1 000 MWh de stockage d'énergie, qui peut être déployé selon les besoins
- ✓ Investissement initial de ~650 millions \$
- ✓ Directement connecté à la SIÈRE à l'aide du circuit 230 kV à proximité

Fitzroy BESS Project Highlights



Project adds **renewable capacity and storage** to meet Ontario's rising energy demands, especially during peak-periods, reducing the chance for power outages.



Project represents a **local innovative low-carbon solution**, with a large investment that will create **job opportunities** during the construction phase in the Fitzroy Harbour region.



Project supports sustainability efforts by **reducing reliance on higher carbon** intensive facilities.



Project is in the **feasibility stage**; subject to the IESO determining the Project to be best for Ontario ratepayers.



Project will make **direct municipal tax contributions** over the course of the Project life, funding services such as roads, parks, and education.



For any questions or comments, contact us by email at info@evolugen.com.
Pour toutes questions ou commentaires, contactez-nous par courriel à info@evolugen.com.

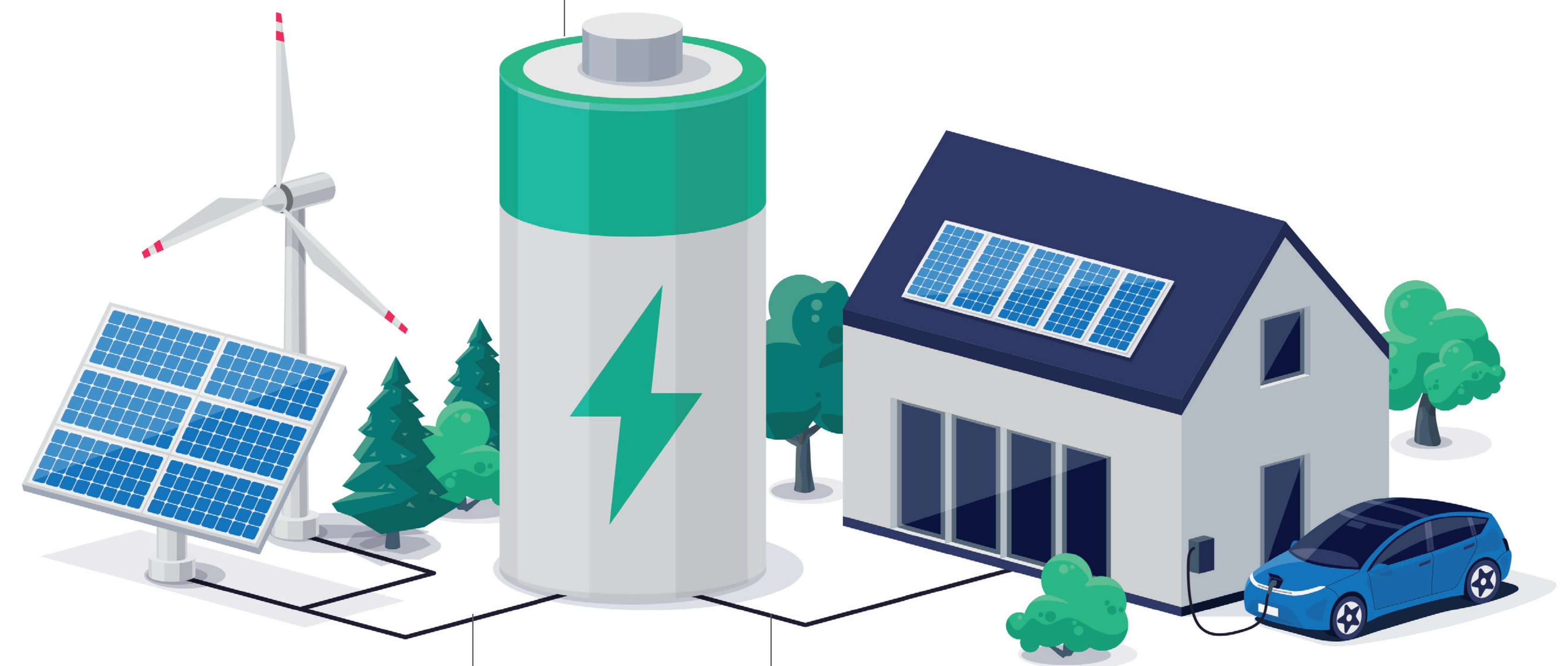
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Project Timeline and Next Steps



How BESS Projects Work

Energy storage will add grid capacity, enhance flexible grid operations and save greenhouse gas (GHG) emissions in Ontario by reducing the need for carbon-intensive power plants during times of peak demand.



Battery

Energy is stored in the batteries for later consumption and until needed by the grid.

Charge +

Batteries charge during non-peak times, when energy sources such as hydro, solar or wind generate excess electricity. The energy is used to 'charge' the batteries.

Discharge -

Energy is typically released during peak hours to provide stability and flexibility.

Energy can also be released during emergencies to stabilize the grid.