

Imperial Road Power Plant

16.57 MW

Prepared By:



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Chief Executive Officer

October 17, 2025

About CEM

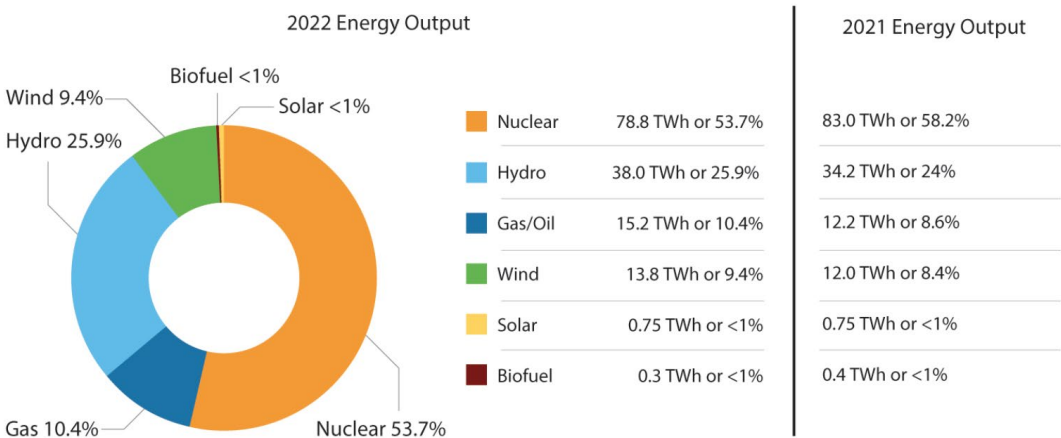
- Thermal Power Project Delivery firm
- **Over 20 years** in the industry with over 60 staff
- **3 offices** across Canada
- Family-owned/family-run business
- Multi-disciplined (*mechanical; electrical; civil/structural; I&C*)
- Provide a full range of services, including:
 - *Consulting*
 - *Detailed design*
 - *Contract administration*
 - *Commissioning services*
 - *Expanded Scope*

At CEM, our mission is to leave the world a better place than we found it.

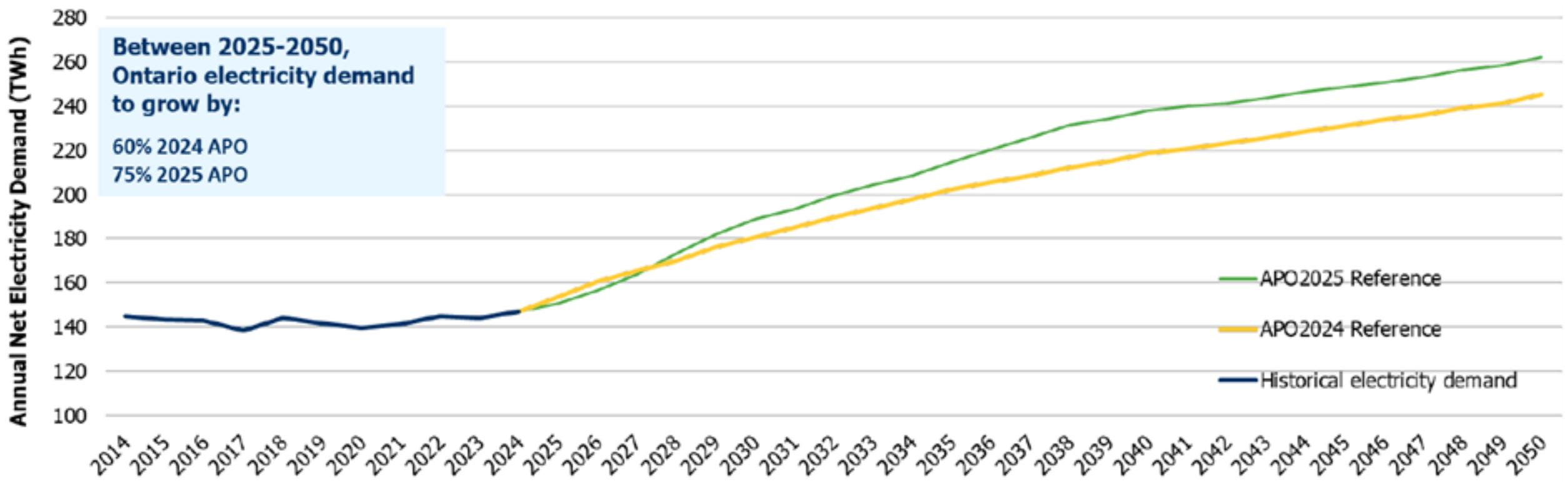
About the IESO

- The IESO manages the province's power system so that Ontarians receive power when and where they need it. It plans and prepares for future electricity needs.
- A not-for-profit entity established by the Government of Ontario, IESO fees and licences to operate are set by the Ontario Energy Board.

Installed Capacity	38,214 MW (transmission-connected) Source: Reliability Outlook released March 2023
Record Summer Peak	27,005 MW (August 1, 2006)
Record Winter Peak	24,979 MW (December 20, 2004) Ontario's peak energy use is typically in the summer months when people use air conditioners to beat the heat. Peaks also take place in the winter when the weather is especially cold. Weather has the biggest influence on electricity demand.
Consumers Served (2021)	5.3 million



Ontario's Energy Demand Growth



IESO LT2 RFP

- Ontario needs a reliable and affordable grid to remain attractive for business development and ensure future growth and decarbonization. Ongoing competitive procurements are expected to secure up to 1,600 MW of capacity and 14 TWh of energy under the long-term procurement stream to:
 - Provide security against the risk of not having resources to meet North American planning standards
 - Enable emissions reductions in other sectors AND support the transition underway
 - Allow time for sector transformation –a more decentralized system, technological evolution to create new business opportunities and drive down costs.



LT2 Procurement Window	Energy Target (TWh)	Capacity Target (MW)
Window 1 – May 1, 2030	3	600
Window 2 – May 1, 2031	1-3	400
Window 3 – May 1, 2032	2-4	300
Window 4 – May 1, 2033	2-4	300

LT2 RFP Schedule:

Submit LT2 Bids: December 18, 2025
Award LT2 Contracts: June 16, 2026

Imperial Road Power Plant

PROPONENT NAME

Walker Resilient Generation 2.0 Inc.

PROJECT NAME

Imperial Road Power Plant

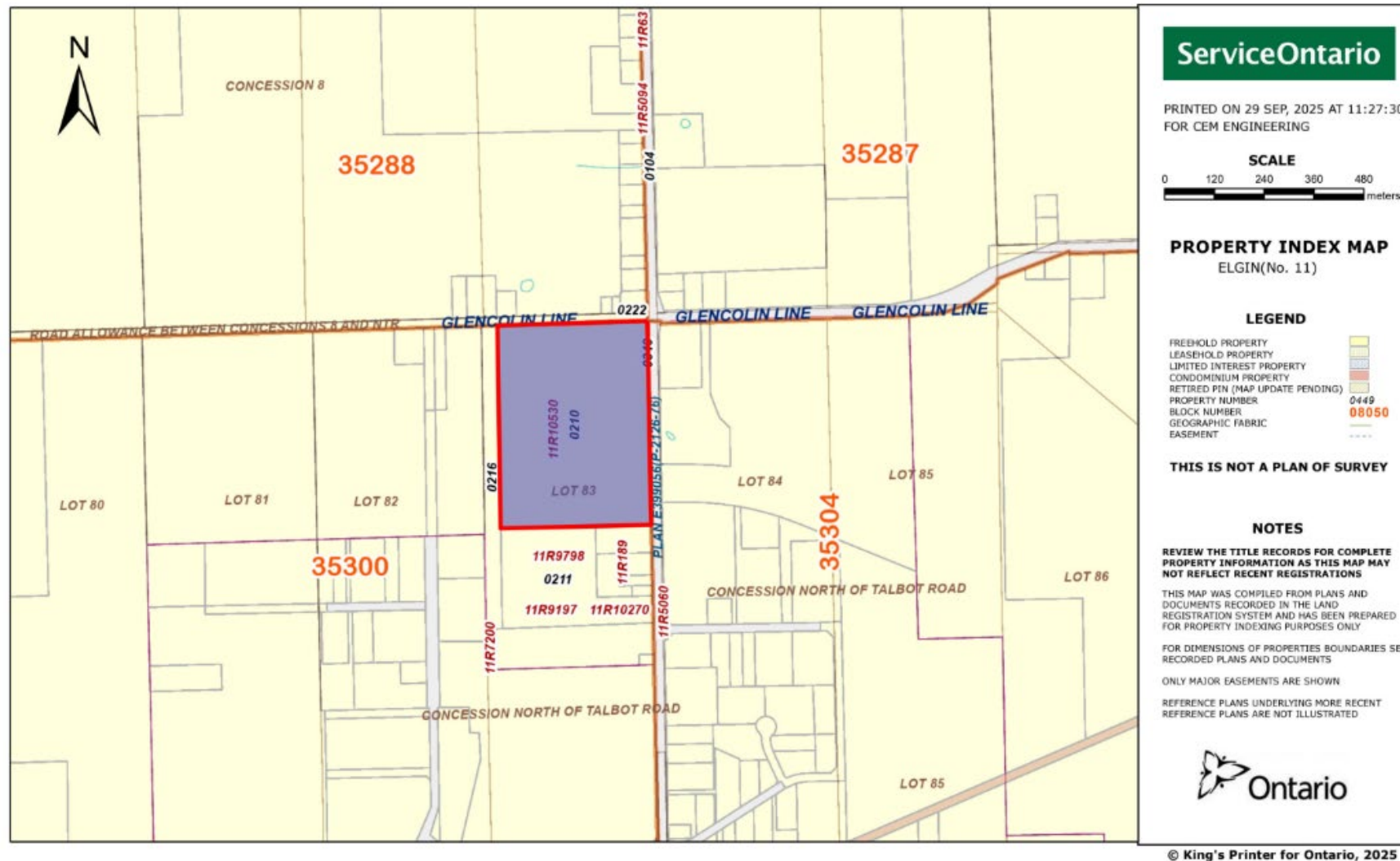
MAXIMUM CONTRACT CAPACITY

16.57 MW

TECHNOLOGY

Reciprocating Engine

Scale Map of Project Site

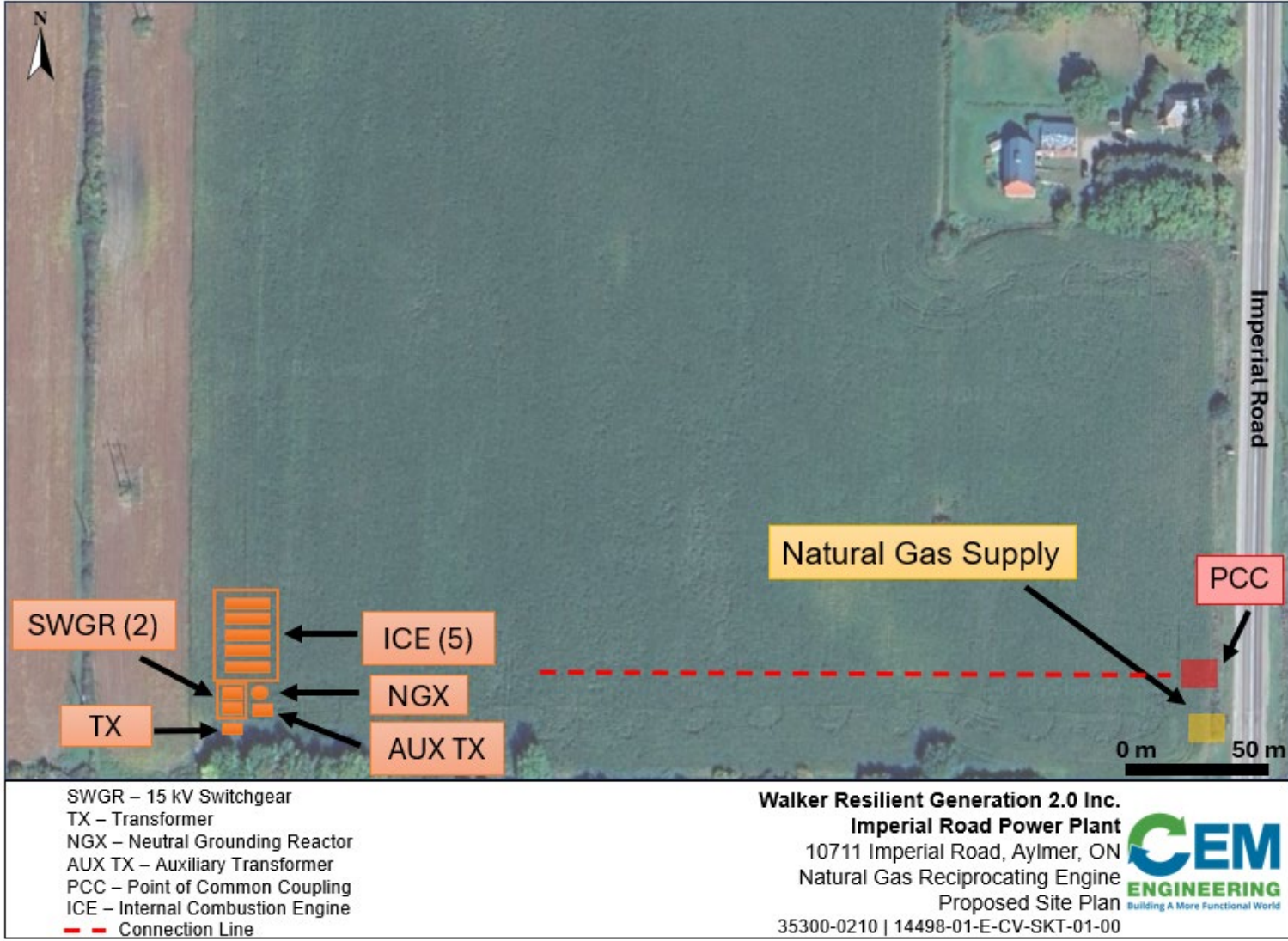


Project Description

- The Project will consist of (up to) five (5) reciprocating gas engines which will be installed in weatherproof enclosures with noise abatement equipment.
- In addition, Project will feature ancillary equipment such as electrical switchgear, transformers, etc.
- The Project equipment will utilize natural gas to generate electricity during periods of peak power demand in the province.



Site Plan with Connection Points



Safety and Operational Considerations



- Engines are expected to operate **500 – 1,000** hours per year during peak electricity demand periods in Ontario.
- Engines will be operated based on the needs of the grid and will be dispatched by the IESO.
- Air emissions will be controlled to Ministry of Environment standards.
- Noise emissions will be mitigated by enclosure and exhaust silencers in accordance with Ministry of Environment approval.
- Engines are equipped with automatic fire detection.

Overall LT2 Schedule

ACTIVITY	DATE
Registration Deadline	October 3, 2025
Submission Deadline	December 18, 2025
Notification to Selected Proponents	June 16, 2026
Execute Contract with IESO	~July 2026
Financial Closing	~September 2026
Commercial Operation Target	December 31, 2028
Commercial Operation Deadline	May 1, 2030

Benefits to the Local Community

- **Resiliency & Reliability** – The LT2 program and this project specifically will provide increased power quality and power reliability to the local Malahide area.
- **Lower Emissions** – This facility will feature high efficiency engines which will have lower emissions than larger, gas turbine-based generation facilities also participating in the LT2 program.
- **Local Job Creation** – The project will require skilled trades during the construction phase of the project and it will deliver additional revenue to the Walker Dairy facility improving its long-term economic viability.

Opportunities & Community Engagement

- Participate in today's community meeting to learn more about the project and ask questions in the meeting.
- Follow-up with questions directly to Walker Generation
- Visit the [IESO's LT2 RFP](#) website for additional information on the LT2 program.
- Visit [Walker Resilient Generation 2.0 Inc](#), project website for additional information on the project.

Project Contact Information

Walker Resilient Generation 2.0 Inc.

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[Walker Resilient – LT2 – CEM Energy](#)

Questions?

The floor is open for questions about the
Imperial Road Power Plant.