

LOCAL POWER, PROVINCIAL IMPACT

Proposed renewable energy
initiatives



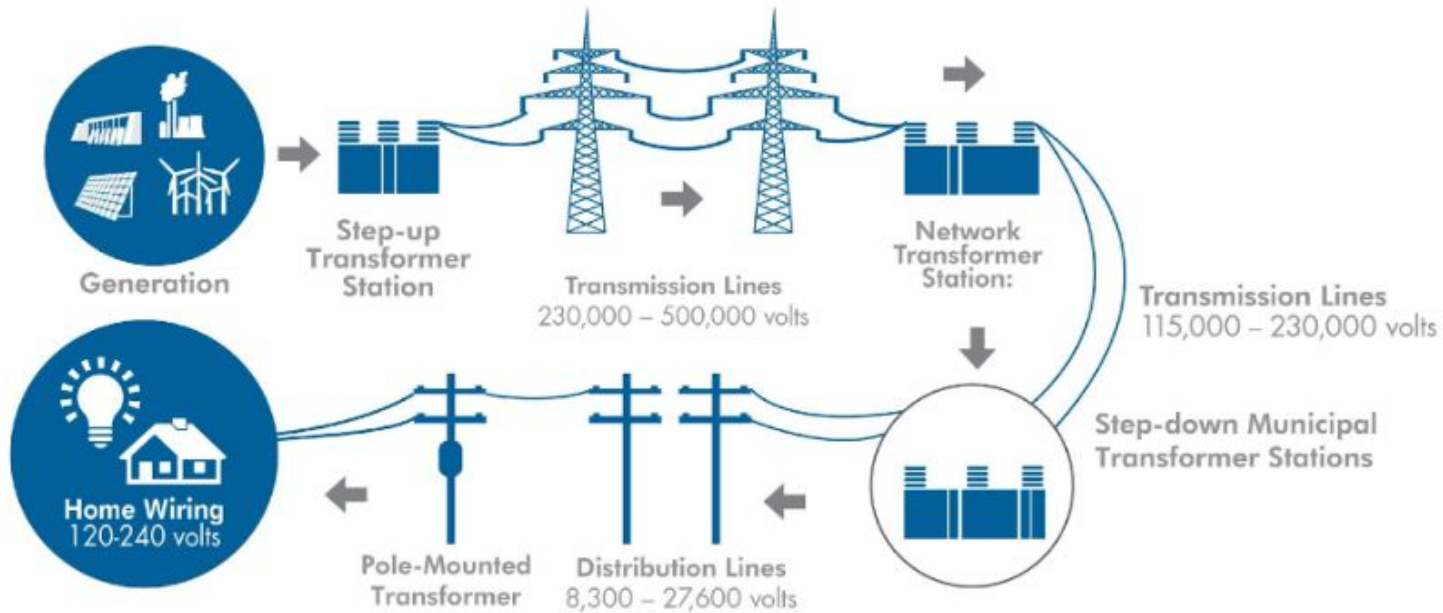


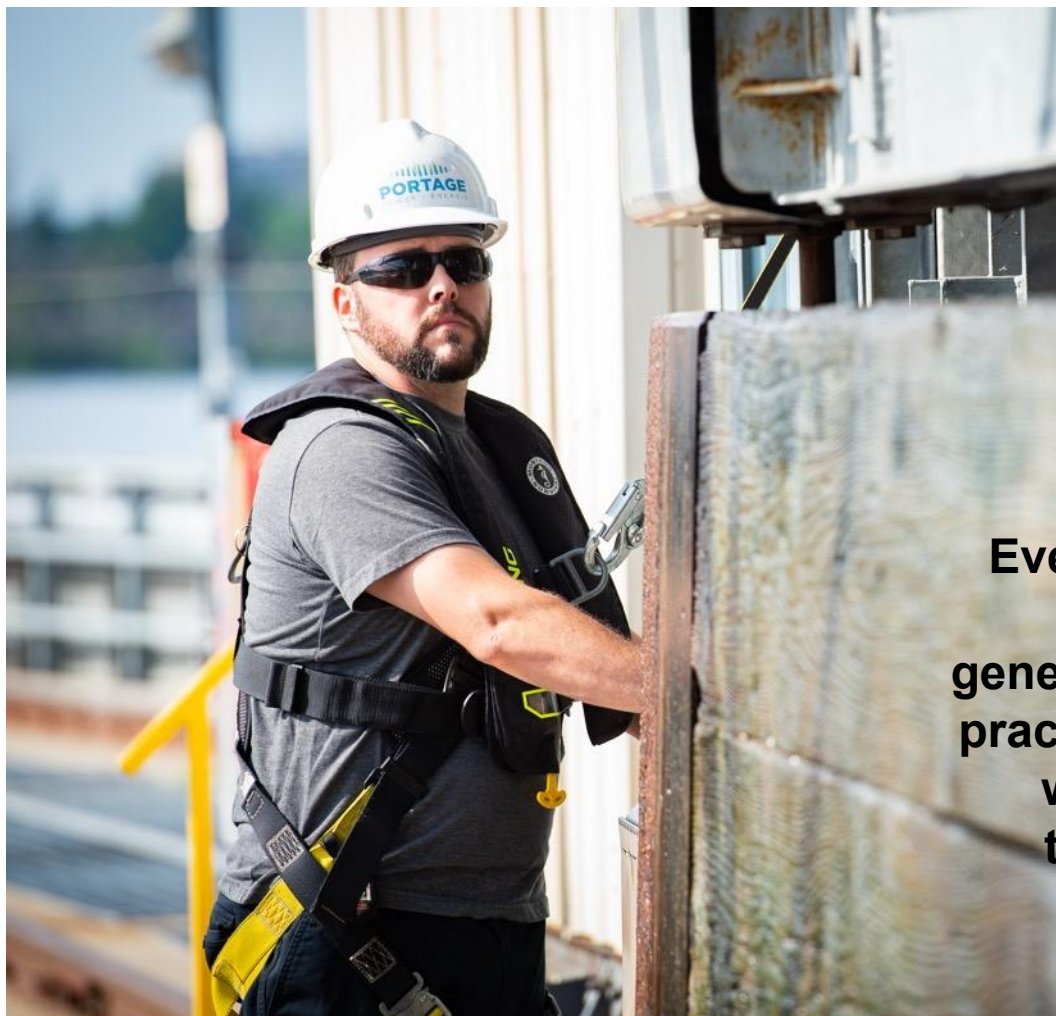
RICHMOND I, II & III **AGENDA**



1. Electricity generation, transmission and distribution
2. History of Portage Power
3. Shifting to electricity
4. Independent Electricity System Operators' Long-Term 2 Request for Proposals
5. *Richmond Solar I, II & III*
6. Next steps
7. Questions

ELECTRICITY





WHAT WE DO • ||

**Every day, we work to be a leader
in both clean, green power
generation and community-minded
practices, challenging the industry
with a human-centric approach
that fosters understanding and
confidence in the energy
generation sector**

RENEWABLE GENERATION PORTFOLIO

Ontario's largest municipally-owned producer of green power.

- **Hydroelectric generation:** 18 run-of-the-river hydroelectric facilities across Ontario, Quebec, and New York State
- **Solar generation:** 16 solar installations
- **Landfill gas-to-energy:** two landfill gas-to-energy plants, converting methane into renewable energy
- **131 MW** capacity; enough to power 110,000 homes




SHIFTING TO ELECTRICITY

 By 2050, electricity demand in Ontario is expected to double



INDEPENDENT ELECTRICITY SYSTEM OPERATOR



Operates the provincial electricity system, and is responsible for planning to ensure electricity needs are met both now and in the future.

The **IESO's Long-Term 2 (LT2) Request for Proposals (RFP)** is a critical initiative designed to secure Ontario's future electricity supply. The program aims to bring diverse new energy projects online, ensuring a reliable and sustainable power grid for our communities.


- **Securing Ontario's electricity future:** The LT2 RFP is a major initiative to secure the electricity supply Ontario needs to power homes and businesses, especially as demand is expected to grow significantly by 2050.
- **Diverse energy solutions:** procuring a mix of new electricity generation and storage projects, including renewable energy sources like solar, to ensure a reliable and sustainable electricity system for the province.
- **Long-term reliability:** working to ensure Ontario has a stable electricity supply for years to come. By planning ahead and procuring necessary resources now, the aim is to maintain grid stability in the long term.



RICHMOND SOLAR I, II & III

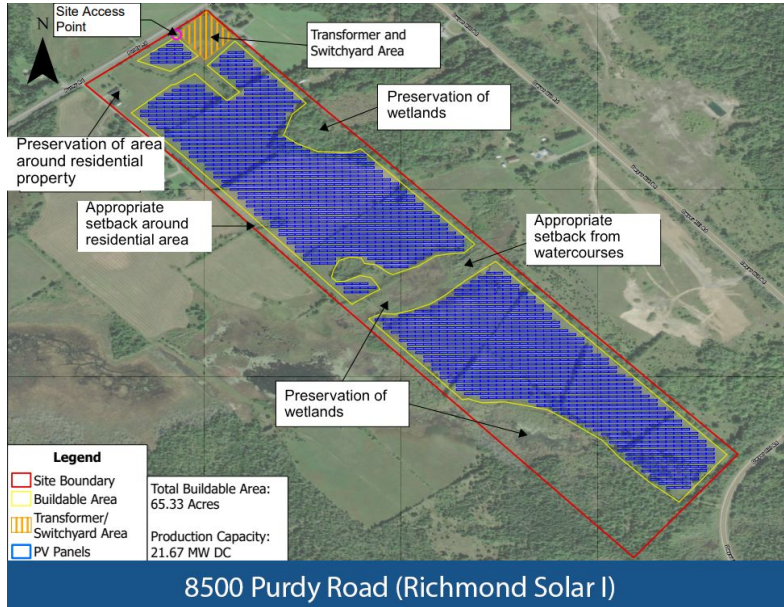
- Support projected growth in electricity
- Deliver clean, renewable energy
- Support local priorities

***RICHMOND SOLAR I, II, & III* CONTINUED**

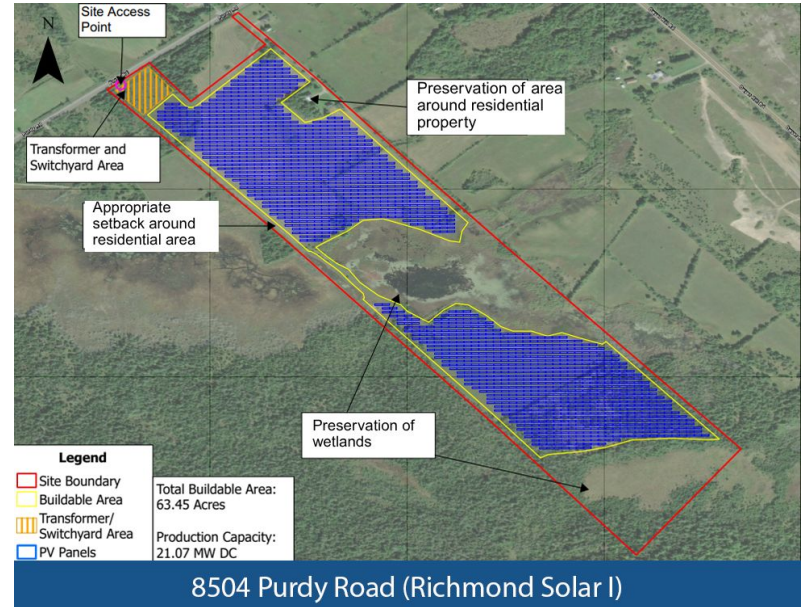
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- 80 MW maximum total installed capacity across four privately owned parcels of land
 - The proposed developments are limited to land that is currently zoned Rural and avoid Prime Agricultural areas
 - Wetlands and other environmentally sensitive areas will be protected by building around those areas with significant setbacks
 - Projects will be integrated into the existing rural landscape with several mitigation features to minimize visual impact, including setbacks and the planned use of vegetative screening including hedgerows and berms
 - Projects are designed to provide significant benefits by supplying clean energy directly to the local distribution network and the broader provincial grid

RICHMOND SOLAR I

8500 Purdy Road



8504 Purdy Road

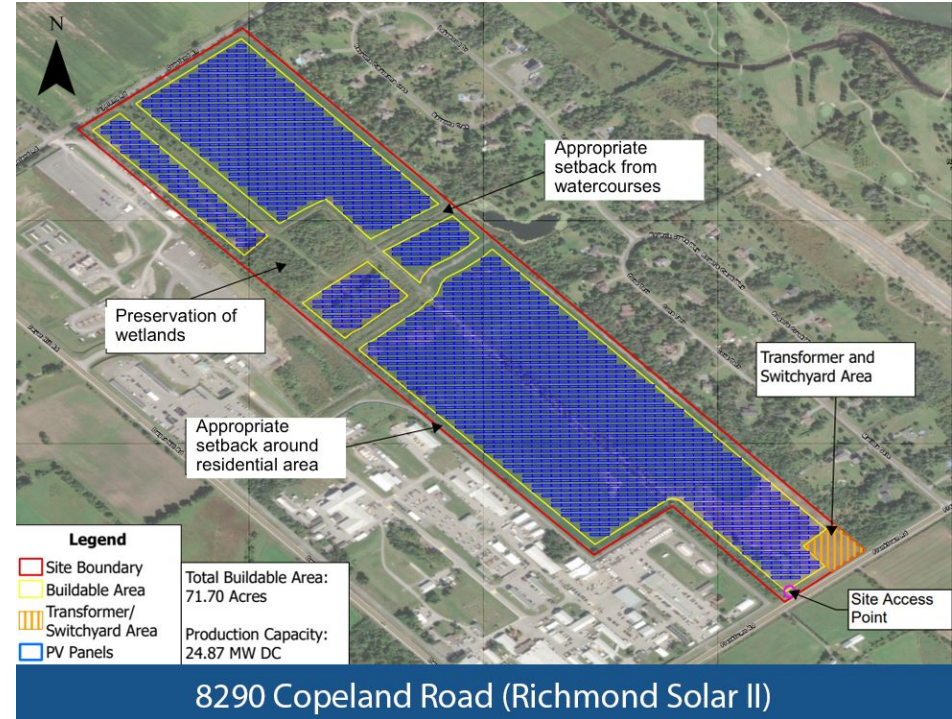


- **Capacity & size:** A ~42.7 MW solar installation on a ~128.8-acre site
- **Land use & zoning:** The parcel is zoned 'Rural' and is not classified as prime agricultural land
- **Environmental protection:** Environmentally sensitive areas, including wetlands, will be protected with significant setbacks

RICHMOND SOLAR II

8290 Copeland Road

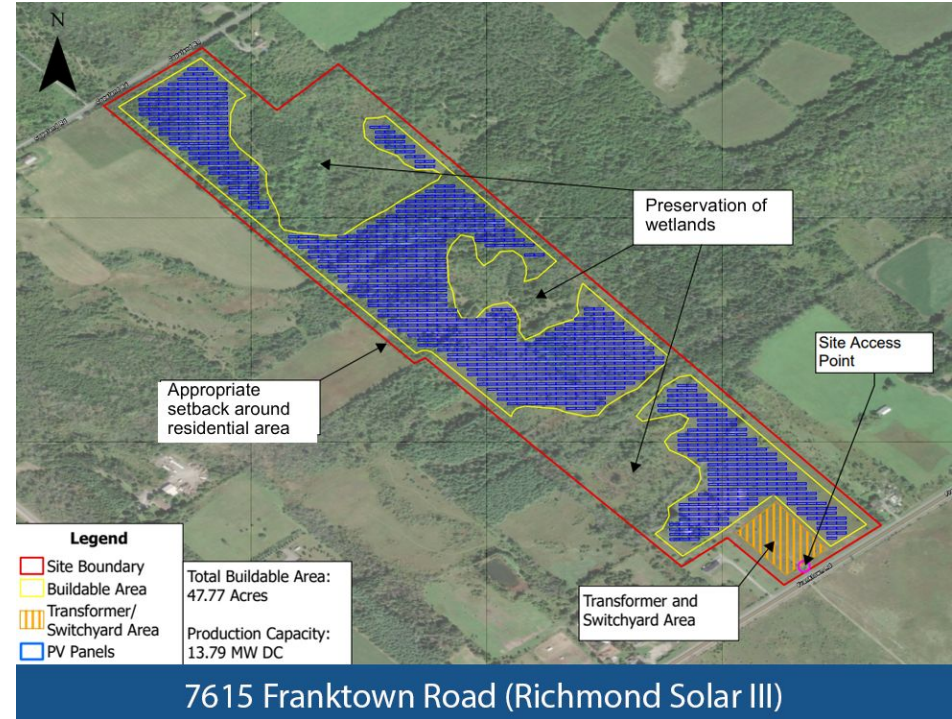
- **Capacity & size:** A ~24.9 MW solar installation on a ~71.7-acre site
- **Land use & zoning:** The parcel is zoned 'Rural' and is not classified as prime agricultural land
- **Visual screening:** The project will be screened using vegetative buffers and berms to minimize visual impact.
- **Environmental protection:** Environmentally sensitive areas, including wetlands, will be protected with significant setbacks



RICHMOND SOLAR III

7615 Franktown Road

- **Capacity & size:** A ~13.8 MW solar installation on a ~47.8-acre site
- **Land use & zoning:** The parcel is zoned 'Rural' and is not classified as prime agricultural land
- **Visual screening:** The project will be screened using vegetative buffers and berms to minimize visual impact
- **Environmental protection:** Environmentally sensitive areas, including wetlands, will be protected with significant setbacks





NEXT STEPS

Your feedback during the consultation process will be used to refine our project implementation plans and determine appropriate ways to minimize and mitigate impacts, where feasible.

- **Engagement activities:** Summer 2025
- **IESO LT2 RFP bid submission:** October 2025
- **Award of bid:** Spring 2026
- **Permitting & procurement:** 2026
- **Start of construction:** 2028
- **Commercial operations:** 2029 and other local priorities



QUESTIONS

• Our goal is to achieve a high level of community engagement for the project.



THANK YOU



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