

LOCAL POWER, PROVINCIAL IMPACT

Proposed renewable energy
initiatives



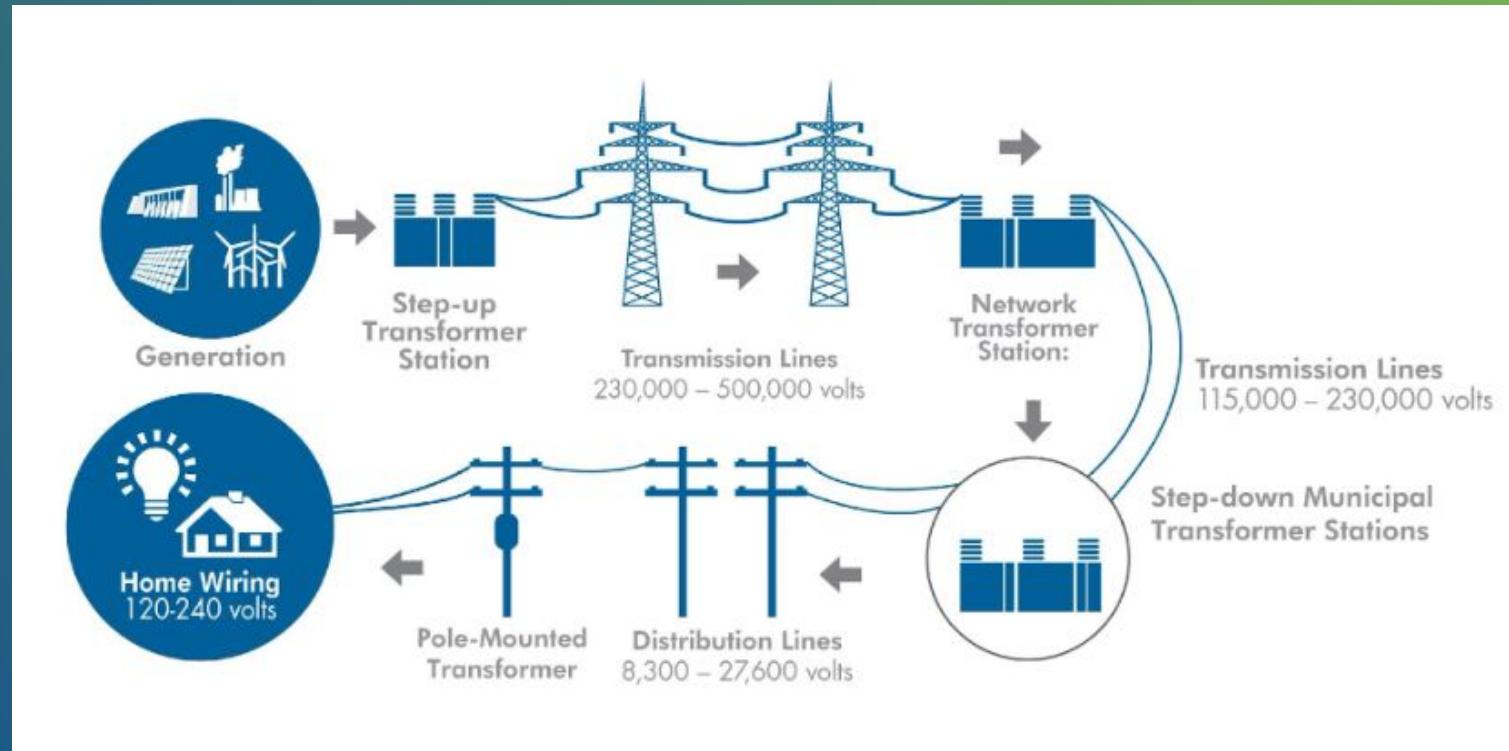


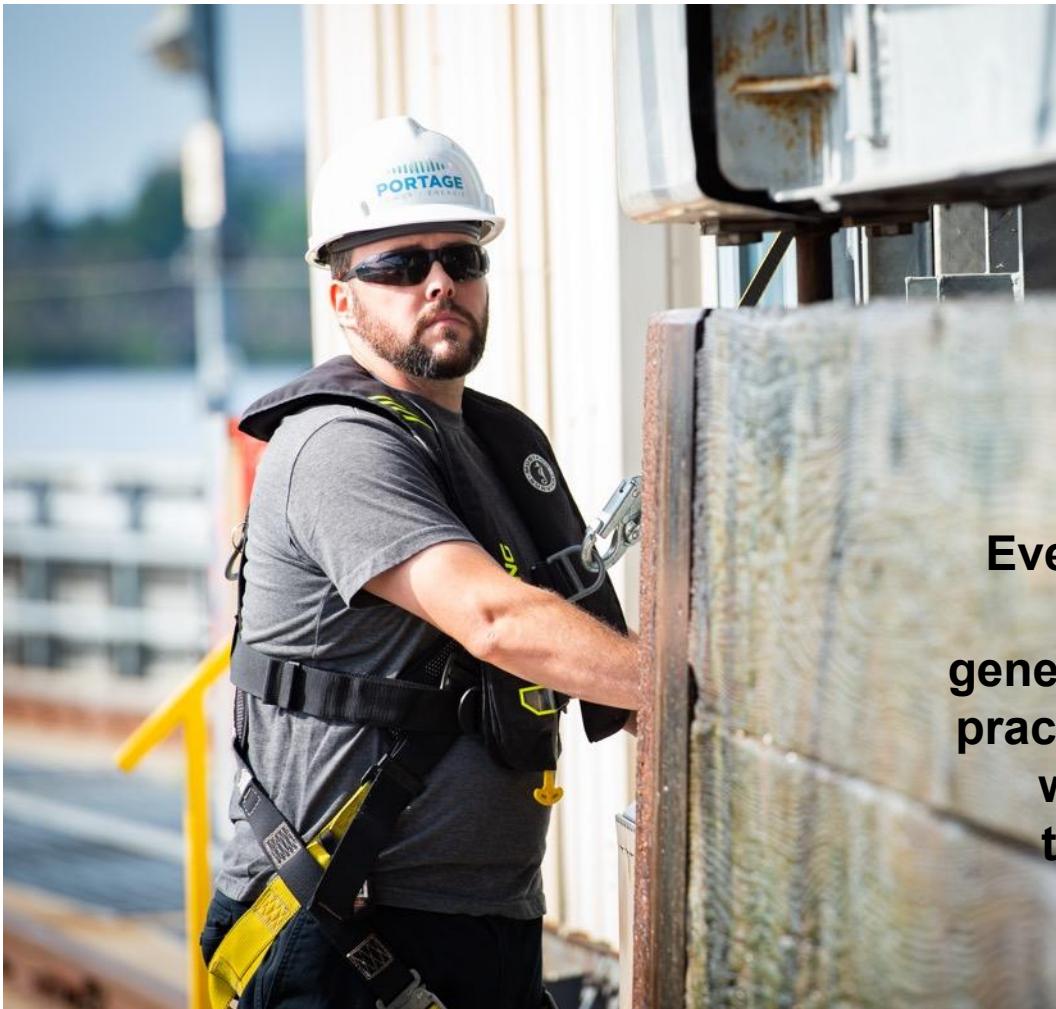
***Kanata I & II* AGENDA**



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. *Kanata Solar I & II*
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.



KANATA **SOLAR I & II**

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

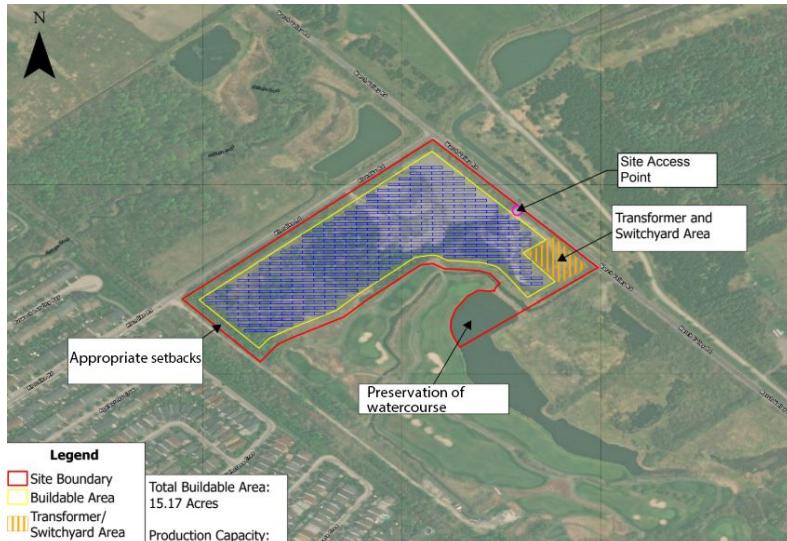


KANATA SOLAR I & II CONTINUED

- 13 MW maximum total installed capacity across three privately owned parcels of land
- The proposed developments are limited to land that is currently zoned Business Park Industrial and is currently vacant and unused
- Watercourses, ponds and other environmentally sensitive areas will be protected by building around those areas with significant setbacks
- Projects will be integrated into the existing landscape with several mitigation features to minimize visual impact, including setbacks and the planned use of vegetative screening including hedgerows and berms as appropriate
- Projects are designed to provide significant benefits by supplying clean energy directly to the local distribution network and the broader provincial grid

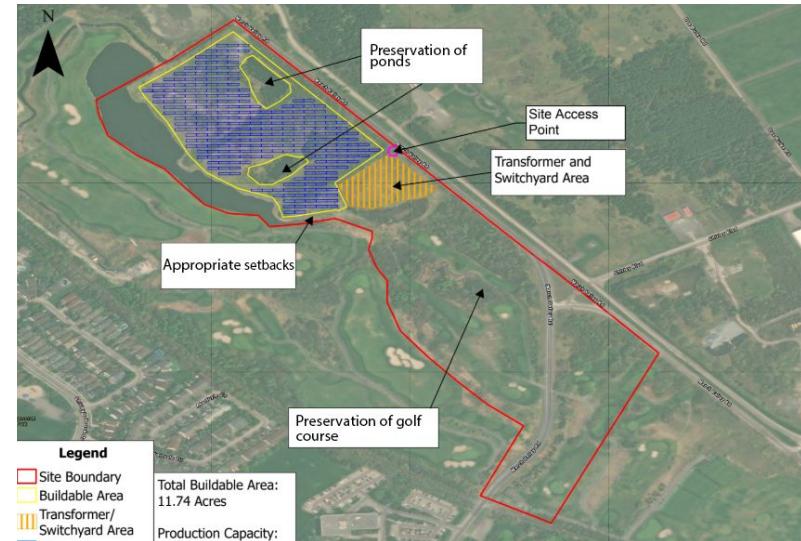
KANATA SOLAR I

940 Klondike Road



940 Klondike Road (Kanata Solar I)

375 March Valley Road



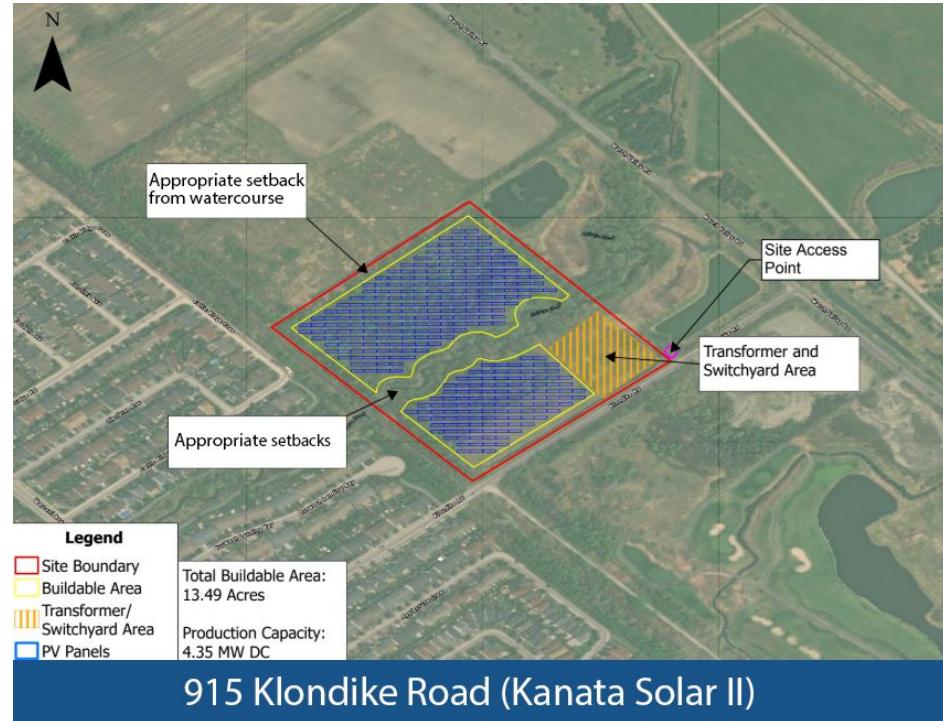
375 March Valley Road (Kanata Solar I)

- Capacity & size:** A ~8.67 MW solar installation on a ~26.91 acre site
- Land use & zoning:** The parcel is zoned 'Business Park Industrial'
- Environmental protection:** Environmentally sensitive areas, including watercourse and ponds, will be protected with significant setbacks

KANATA SOLAR II

915 Klondike Road

- **Capacity & size:** A ~4.35 MW solar installation on a ~13.49 acre site
- **Land use & zoning:** The parcel is zoned 'Business Park Industrial'
- **Visual screening:** The project will be screened using vegetative buffers and berms to minimize visual impact as appropriate
- **Environmental protection:** Environmentally sensitive areas, including watercourse, will be protected with significant setbacks



915 Klondike Road (Kanata Solar II)

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 - 2027
- **Start of construction:** 2028
- **Commercial operations:** 2029



QUESTIONS

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



THANK YOU



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