

WELCOME

Sault Ste. Marie 230 kV Transmission Infrastructure Project

COMMUNITY OPEN HOUSE



230 kV Lines & Station



PUC (Transmission) LP is investing approximately \$230 million to develop two **230 kV transmission lines and a transformer station.**

The transmission lines will total approximately **10 km** in length, running from Hydro One's Third Line Transformer Station (TS) to the new 230kV Tagona West TS located on Yates Avenue.

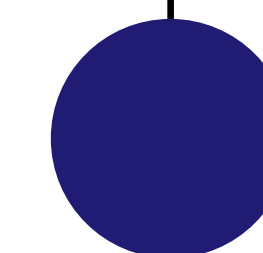
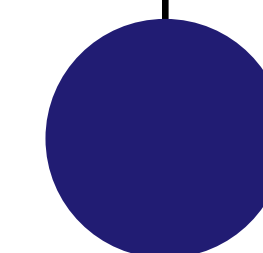
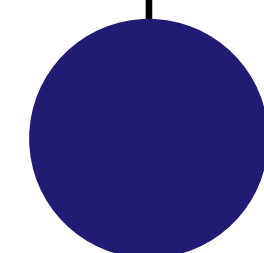
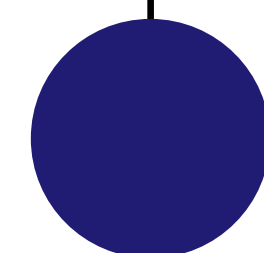
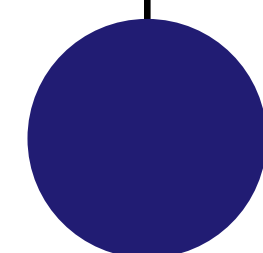
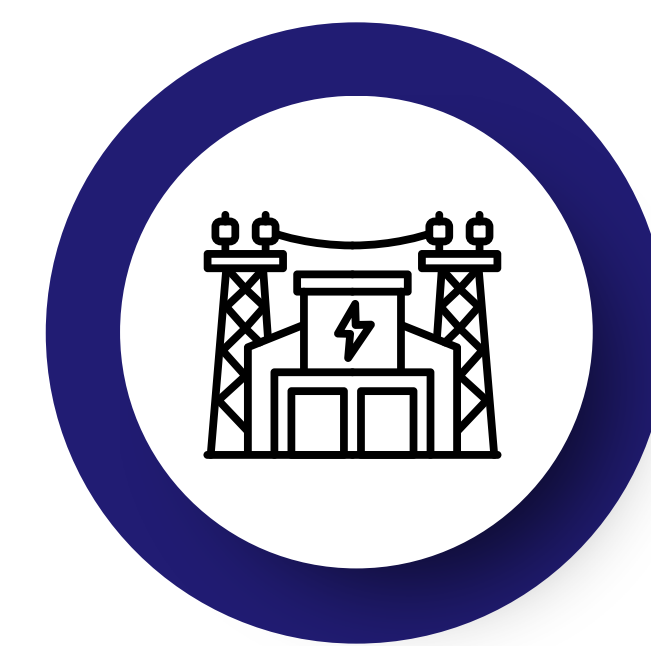
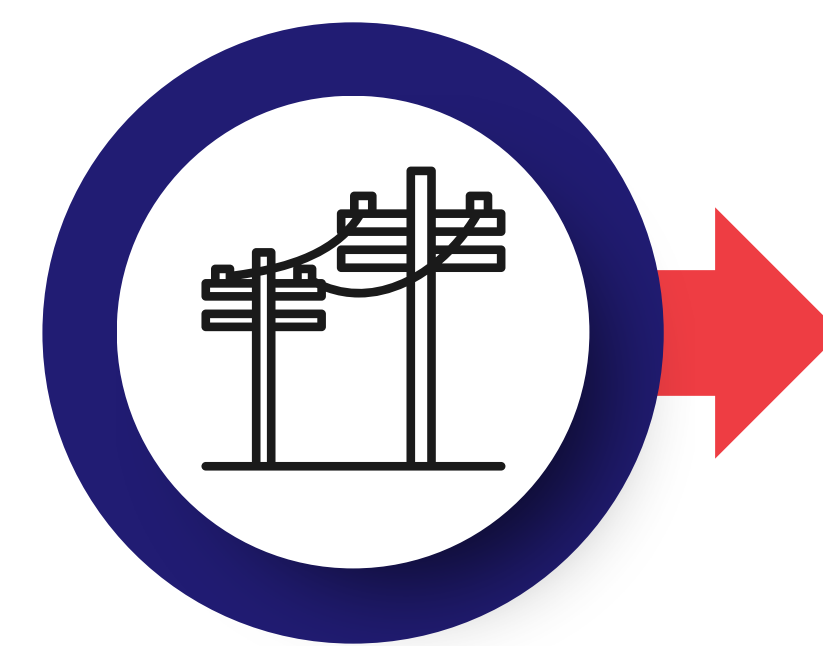
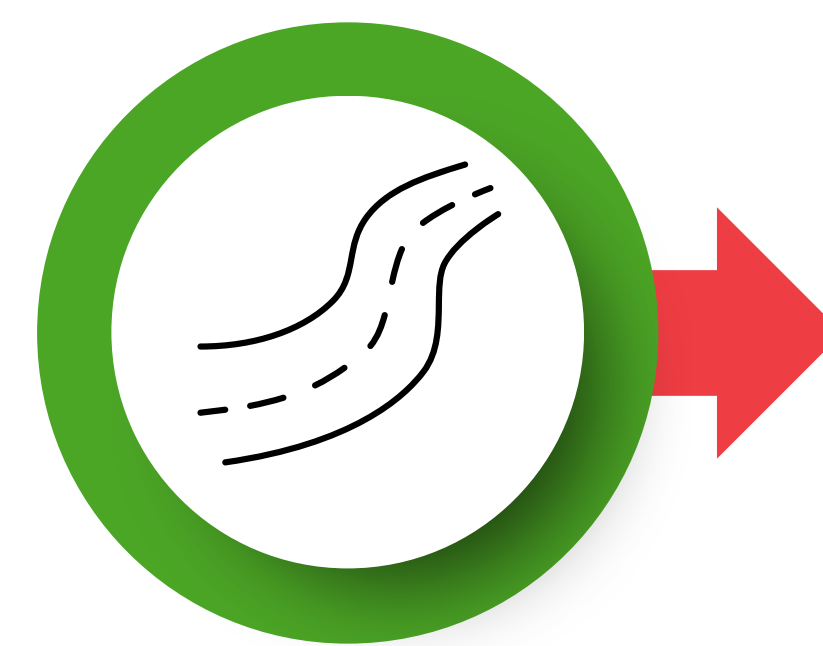
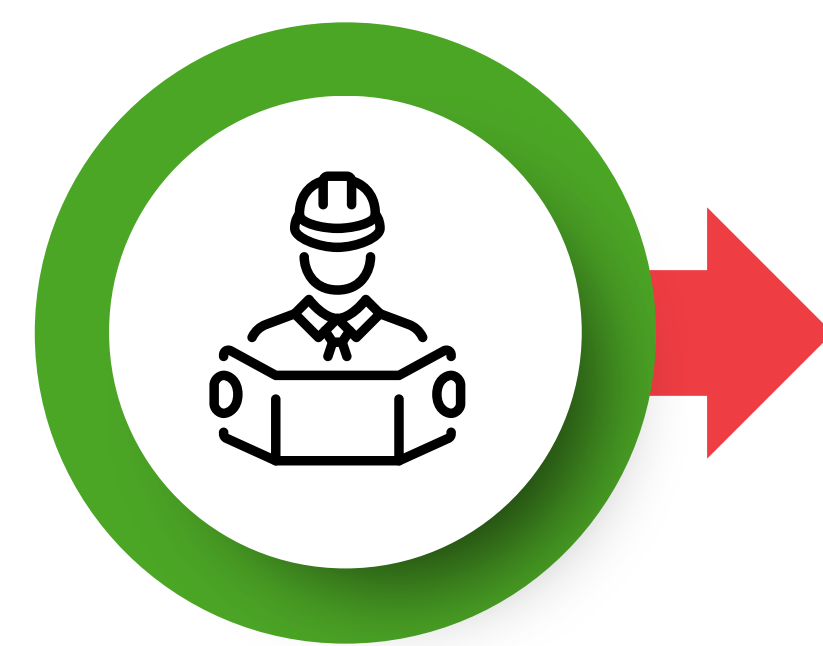
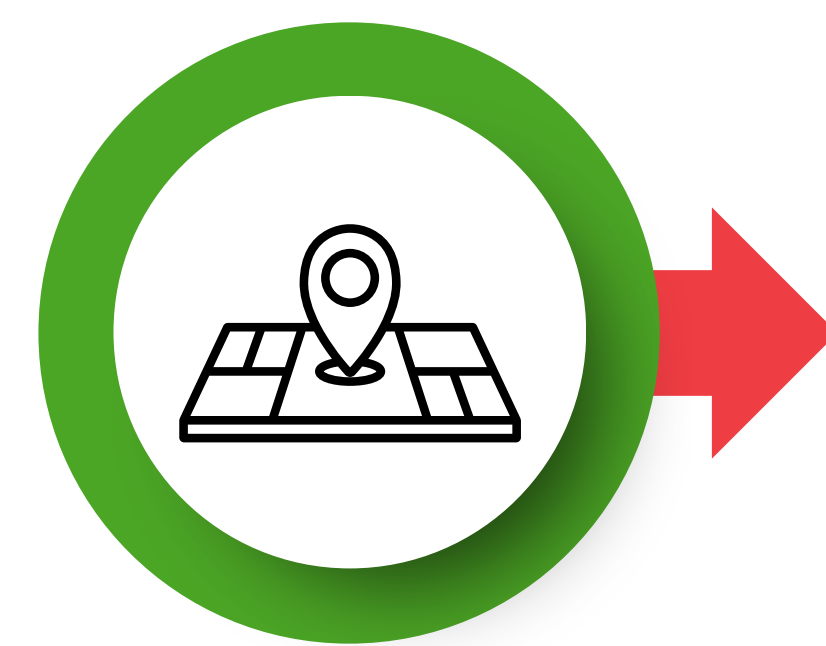


Example of what the Tagona West TS will look like



Example of what the transmission poles will look like

Project Timeline & Status



2022

Class
Environmental
Assessment &
Route Selection
Finished

**Q3 2025-
Q1 2026**

Detailed
Engineering &
Procurement
Completed

**Q2 2024 -
ongoing**

Line Clearing,
Access Roads &
Station Site Prep

**Q2 2026 -
Q4 2027**

Transmission Line
including Poles and
Lines will be
Constructed
Station Construction

Q1 2028

Final Commissioning
and In-Service

Ongoing community & stakeholder engagement

Progress to Date



Brule Rd W



Moss Rd W



Old Goulais Bay E



Peoples Rd E



Goulais Ave W



Brule Rd E



Moss Rd E



Old Goulais Bay W



Peoples Rd W



Goulais Ave E

Vegetation Clearing Along Route



Access Roads



Station Site Prep at Yates Ave.
(grubbing, soil preloading, fencing installation)



Progress to Date



Station Site Prep at Yates Ave.
(grubbing, soil preloading, fencing installation)



Vegetation clearing & Access Roads along Route
(example shown near Third Line W)

What to Expect During (*and after*) Construction

Q: Will roads or traffic be impacted during pole installation?

A: Some temporary traffic impacts may occur when crews are transporting equipment, installing foundations, or erecting transmission structures near roadways. Traffic management plans will be implemented where required to minimize disruptions and maintain public safety.

Q: Will construction create noise or vibration?

A: Construction activities such as drilling foundations, moving equipment, and erecting structures will generate temporary noise during working hours. The project team will work to minimize impacts to nearby residents and businesses where possible.

Q: Will residents experience power outages during construction?

A: No, residents should not experience any unplanned power outages during construction. The project is being planned to minimize impacts to existing electricity customers. Any required/planned outages will be coordinated in advance and communicated appropriately.

Q: Will trees need to be removed?

A: Vegetation clearing is required to maintain safe clearances around transmission infrastructure. Wherever possible, clearing is minimized and conducted in accordance with environmental requirements and approved mitigation measures. All necessary clearing has been completed to date.



What to Expect During (*and after*) Construction

Q: Will the transmission line be energized immediately after construction?

A: Before the line enters service, extensive testing and commissioning activities must be completed to ensure the system operates safely and reliably. The line is scheduled to be energized in January 2028.

Q: Will the station create noise?

A: Some low-level operational noise from equipment such as transformers is normal. The station design includes measures to ensure compliance with applicable environmental and noise requirements.

Q: Will there be lighting at the station?

A: The station will include safety and security lighting where required. Lighting will be designed to minimize impacts on surrounding properties while maintaining operational safety.

Q: Will the station be monitored?

A: Yes, the station will be monitored 24/7 primarily through remote monitoring and control systems, with crews attending the site for inspections, maintenance, and operational activities as required.

Q: What safety measures are in place at the station?

A: The station will include security fencing, controlled access, grounding systems, warning signage, and other industry-standard safety measures designed to protect both workers and the public.

