

Sault Ste. Marie West End Solar Projects

Sault Ste. Marie City Council

September 22, 2025

Local Challenges

Local Solutions

Challenge

The west end of Sault Ste. Marie faces a shortage of available electricity capacity, limiting opportunities for economic development.

Solution

Local partnership developing new solar generation projects in the west end to add local, clean capacity where it is needed.



The Independent Electricity System Operator (IESO) has forecast that Ontario will require **up to 75% more electricity by 2050** to meet growing demand driven by electrification and economic development.

To help meet this need, the IESO has launched the **Long-Term 2 (LT2) procurement**, which invites new clean energy generation projects across the province.



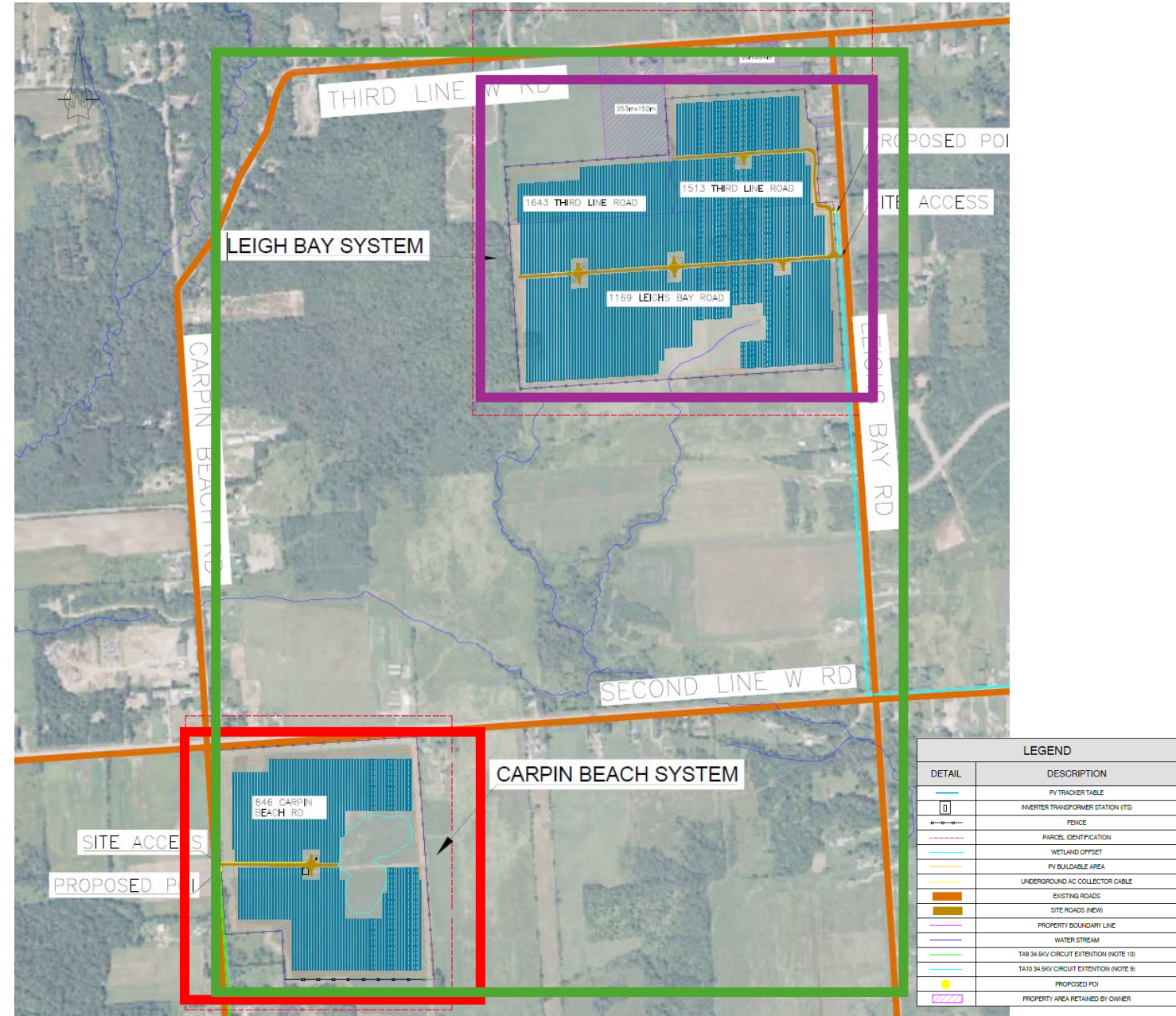
Sault Ste. Marie West End Solar Generation Project I

Leigh's Bay/Carpin Beach

Map of Locations & PV System Layout →

Details:

- 190 gross acres of private property
- Designated as Zoned Rural Land (RA)
- Max 50 MW
- Distribution System Connected
- Approx. value \$70MM
- Partnership with Axiom Infrastructure and PUC



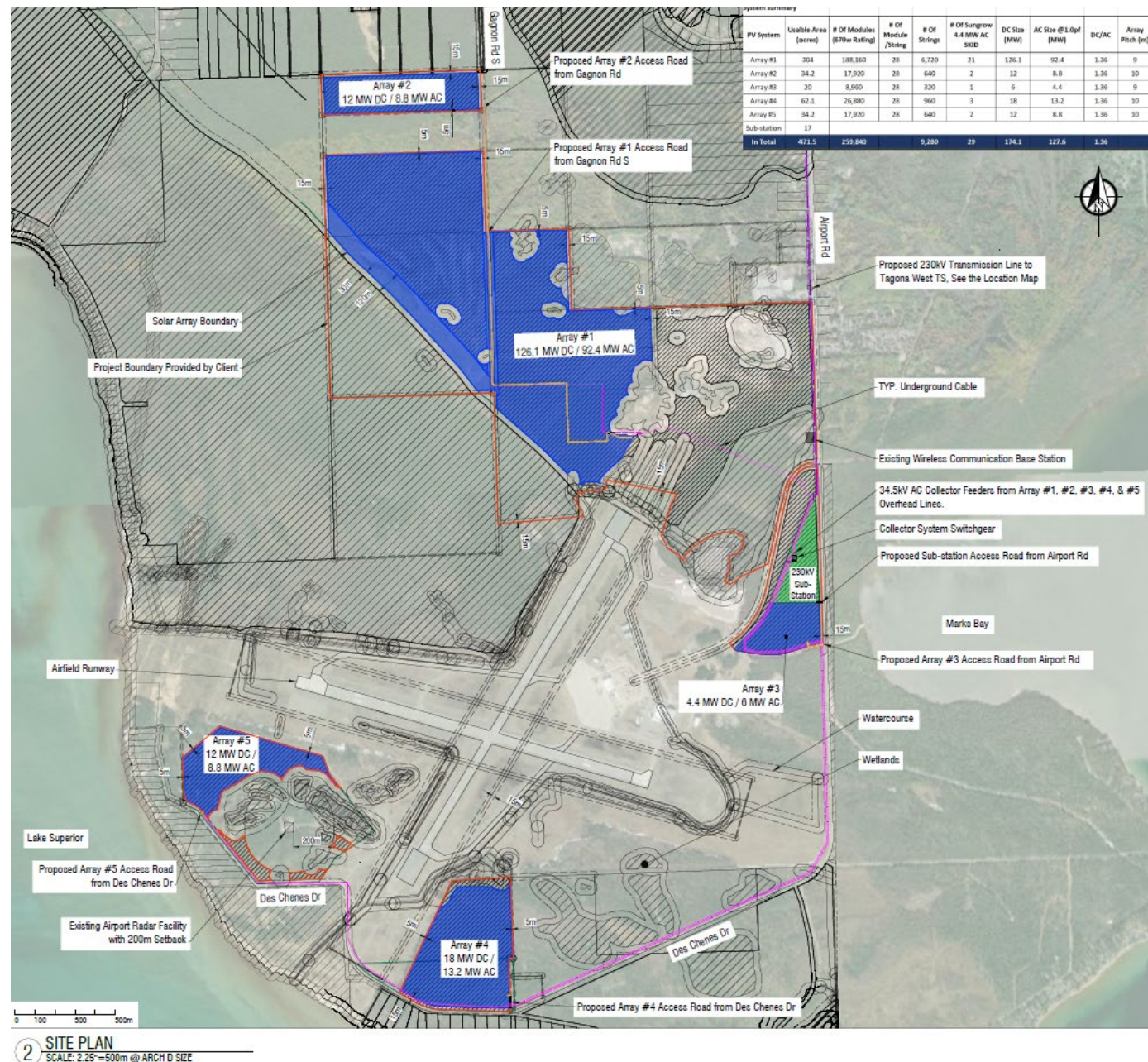
Sault Ste. Marie West End Solar Generation Project II

Airport

Map of Locations & PV System Layout →

Details:

- ~970 gross acres
- Max 200 MW
- Transmission System Connected
- Approx. value \$400MM
- Designated as Zoned Rural Land (RA)
- Partnership with Axiom Infrastructure, PowerBank and PUC



Community Benefits & Financial Value to the City



These projects are about securing Sault Ste. Marie's energy future, bringing value to the City, and building a stronger, cleaner community.

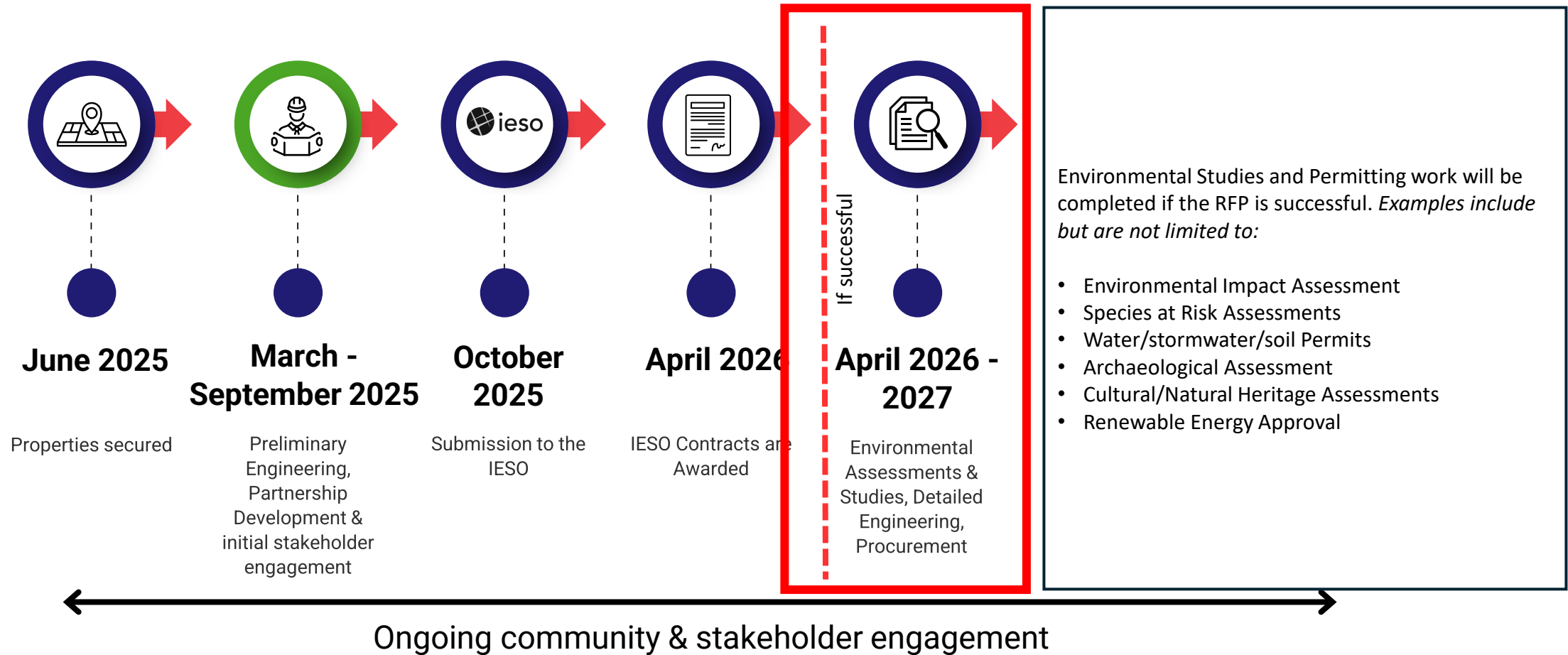
- **Clean, reliable energy** to meet rising industrial demand while reducing emissions.
 - Example – *Port of Algoma*
 - Aligns with the Municipalities' environmental and sustainability goals.
- **Drives investment and jobs** by strengthening Sault Ste. Marie's competitiveness.
 - Less reliance on long-distance transmission and more community value.
- **Financial Value to the City**
 - With PUC holding at least 10% equity, project returns flow directly to the City of Sault Ste. Marie as sole shareholder, creating long-term financial gains for the community.
 - Projects valued at ~\$470M in total will generate significant annual returns plus upfront development/success fees.

Process & Preliminary Timeline



If the project moves forward, there will be a multi-year period of continued community, municipal, and Indigenous consultation and engagement. This process will ensure the project is thoughtfully designed and that infrastructure is developed in ways that mitigate potential impacts, where possible.

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Engagement & Transparency

Our commitment is to work openly and transparently with Indigenous partners, the City of SSM, adjacent property owners, and community members to address concerns as the projects move forward.

- **Ongoing Indigenous Engagement** – Active discussions with local First Nations is ongoing to ensure meaningful participation and partnership.
- **Public Open House** held on August 19, 2025 – Opportunity for residents to learn more, ask questions, and provide input.
- **Accessible Information** – Dedicated project website www.pucgeneration.com with regular updates, FAQs, and background materials.
- **Feedback Opportunities** – Online feedback forms, email, and phone contact to capture community perspectives.
- **Public Notices & Updates** – Transparent communication through local media and mailed notices to keep residents informed at every stage.

Questions?

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