

Ontario Power Generation and Port Hope sign Memorandum of Understanding



Paul Séguin, SVP, Wesleyville, OPG and Olena Hankivsky, Mayor for the Municipality of Port Hope sign a MOU

Ontario Power Generation (OPG) and the Municipality of Port Hope are committing to continued collaboration on the advancement of new nuclear generation at OPG's Wesleyville site.

On February 12, Stephen Lecce, Minister of Energy and Mines, announced OPG and the Municipality have entered into a Memorandum of Understanding. The MOU marks an important milestone and details plans for OPG and the Municipality to work together on matters including planning, community engagement, sustainable development and economic growth, as the potential project moves through the federal impact assessment (IA).

OPG also committed additional early growth readiness funding to Port Hope, to ensure it has the necessary capacity to fully engage and participate in the multi-year IA process to assess and develop the Wesleyville site for new large-scale nuclear generation. The early growth readiness funding includes \$1 million announced in January 2025 and an additional \$4.5 million in new funding.

DID YOU KNOW? The federal IA is a multi-year process, with many opportunities for Rights-holding First Nations and interested Indigenous communities, the Municipality of Port Hope, stakeholders, and the public to share their views.

Potential timeline

- 1970s TO PRESENT**
 - Ontario Hydro/OPG maintains the Wesleyville site following pause of an oil-generating station project. The site remains zoned for electricity generation.
- 2024**
 - Province asks OPG to begin discussions with communities in strategic site communities to gauge interest in new generation development.
- JANUARY 2025**
 - Province asks OPG to work with Port Hope and the Michi Saagiig First Nations to explore potential for new large nuclear generation at Wesleyville site.
- 2025**
 - Multi-year federal impact assessment begins.
- We are here.**
- LATE 2020s**
 - Regulatory approvals and agreements with Port Hope and First Nations established.
- EARLY 2030s**
 - OPG applies to the Canadian Nuclear Safety Commission (CNSC) for a Licence to Construct (LTC).
 - LTC issued to OPG.
- EARLY 2030s TO MID-2040s**
 - OPG begins site preparation activities and construction.
- MID 2030s**
 - OPG applies to CNSC for a Licence to Operate (LTO).
- LATE 2030s**
 - LTO issued to OPG.
- EARLY TO MID-2040s**
 - Units in service.
- Ongoing engagement and consultation opportunities throughout

*this potential timeline is subject to change based on project planning and regulatory approvals



OPG's Wesleyville Site

WHY WESLEYVILLE? The OPG site has been municipally zoned and maintained for electricity generation for over 50 years, and has close access to transmission, rail, and road infrastructure.

Impact Assessment Begins

In early 2025, the Ontario government directed OPG to explore the potential for new large nuclear generation at its Wesleyville site to help meet the growing demand for electricity in the province. A potential new nuclear project could deliver up to 10,000 Mwe - enough to power 10 million homes at the already-zoned Wesleyville site.

As an initial step in this process, OPG submitted the New Nuclear at Wesleyville in Port Hope Initial Project Description (IPD) to the Impact Assessment Agency of Canada (IAAC) in December. The IPD provides an overview of the purpose, scope and objective of the potential project.

OPG worked closely with the Michi Saagiig Anishnaabeg Nations of the Williams Treaties First Nations to include their perspectives and traditional knowledge in the IPD. The document also includes early input from the Municipality of Port Hope.

This milestone initiated the necessary, multi-phased integrated federal IA process, led by IAAC and the Canadian Nuclear Safety Commission (CNSC), with input from First Nations, Indigenous communities, Port Hope, and the public.

The potential project is now in the planning phase - the first step in the IA process. The IAAC uses the IPD, and the comments received during the subsequent public comment period, to consider the potential effects of the project and will give OPG instructions on the studies and information it must provide to inform the IA. As noted

in the diagram below there are multiple and ongoing public comment opportunities throughout the IA. The participation of Indigenous and local communities is essential to the IA process.

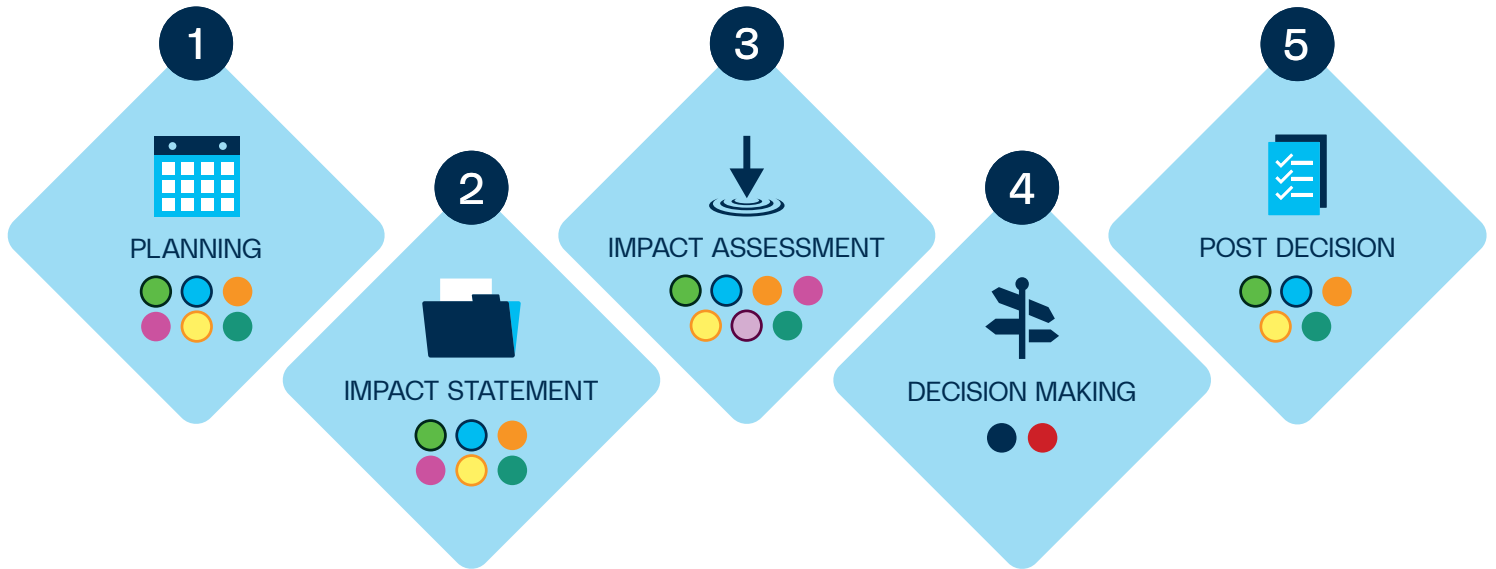
This integrated assessment will result in two outcomes.

1. An IA decision on whether the project can proceed.
2. A CNSC decision on whether to issue a site preparation licence.



Surface geophysics survey preparation

Impact Assessment Process



The key participants in the impact assessment system are:

- Proponent
- Indigenous Groups
- Impact Assessment Agency of Canada
- Governor in Council
- Public
- Review Panel
- Federal Authorities
- Minister
- Other Jurisdictions

Understanding Our Community and Environment

As part of the IA, OPG will gather important data about the Wesleyville site and its surroundings. This information will help ensure the proposed project would protect local residents, the environment, community priorities and values. Areas of study include:

- Aquatic Environment (Including Species-at-Risk)
- Radiation and Radioactivity
- Atmospheric, Acoustic (Noise), and Light Environment
- Socio-economic
- Cultural Heritage and Archaeology
- Surface Water
- Hydrogeology and Geology
- Sustainability
- Land Use
- Terrestrial Environment (Including Species-at-Risk)
- Meteorological Environment
- Traffic and Transportation

WHAT'S NEXT IN THE IA PLANNING PHASE? IAAC will issue Final Tailored Impact Statement Guidelines and other plans to OPG, outlining the information and studies required to develop an Impact Statement.

Scan this QR code to visit the IAAC Registry for New Nuclear at Wesleyville. Learn how to participate in the IA process, review next steps, and access the IPD and other key documents.



OPG's Commitment to Collaboration

OPG is dedicated to working closely with the Williams Treaties First Nations (WTFNs) and meeting all legal and constitutional requirements throughout the IA process. We value ongoing, meaningful dialogue and are committed to including WTFNs' perspectives in every step of the project. Our goal is to advance the NNW Project together, building strong partnerships and positive outcomes for all.

We're also committed to building strong, lasting relationships with neighbours and community groups.

Through open, ongoing communication, we aim to keep you informed and involved in the project's development and regulatory process. We value meaningful dialogue and feedback to help ensure your voice shapes our decisions. As information about the potential for new nuclear at Wesleyville becomes available, our outreach will remain consistent and ongoing, supporting transparency, community involvement, and information sharing.








Public information session



Fleming College visit to the Nuclear Discovery Centre

INTERESTED IN A PRESENTATION? LET US KNOW! Submit a request using the methods below.

Get involved and stay in touch

-  **Participate in our upcoming public information sessions.** Dates, times and registration are available on opg.com/wesleyville.
-  Join OPG staff at our Nuclear Discovery Centre (115 Toronto Rd., Port Hope). This community facility features interactive, educational displays, and information on the potential project. Visit opg.com/Wesleyville for hours of operation and more details. **We hope to see you soon!**
-  **Contact us toll free: 1-800-461-0034 or wesleyville@opg.com.**
-  Visit opg.com/wesleyville for information on the initiative, next steps in the process and frequently asked questions.
-  Find members of our project team in your community, staffing information booths at events throughout the summer and fall.

