

## Exploring the potential for nuclear generation at Wesleyville

The Ontario Government has asked Ontario Power Generation (OPG) to explore opportunities for new nuclear generation at its Wesleyville site, following a formal expression of interest from the Town of Port Hope and a willingness to enter discussions from the Michi-Saagig First Nations of the Williams Treaties. Today, as Ontario's economy, demand for clean electricity, and the importance of energy security grows, so too does the need to explore the site's potential to host new large nuclear.

### Why now?

Nuclear generation at Wesleyville is needed to meet the growing demand for electricity. It would also provide a tremendous economic boost to the region and ensure Ontario's energy security for decades to come.

### Why Wesleyville?

The 1,300-acre Wesleyville site, which has been zoned and maintained for electricity generation for more than 50 years, has many features that make it ideal for hosting a large nuclear development, including:

- Potential to co-locate other industries.
- Existing access to transmission, railways and roads.
- Adjacent to the Durham Region clean energy corridor, which is home to Pickering and Darlington Nuclear Generating Stations.
- Has the potential to host up to 10,000 megawatts (MW) or enough to power the equivalent of 10 million homes.

### Early planning and next steps

As an important early step, OPG is beginning engagement with site neighbours, Municipalities, community groups, local Rightsholders, stakeholders, and surrounding communities to share information on project work, the site assessment process, next steps, and opportunities for engagement.



Overview photo of the Wesleyville site

## Potential timeline

### 1970'S - 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 engagement with WTFNs and Town of Port Hope.

### 2025

- Impact Assessment begins.

### LATE 2020s

- Regulatory approvals and agreements with municipality and WTFNs established.

### EARLY 2030s

- OPG applies to the CNSC for a Licence to Construct (LTC).
- LTC issued.

### EARLY 2030s TO MID-2040s

- OPG begins site preparation activities and construction.

### MID 2030s

- OPG applies to the CNSC for a Licence to Operate (LTO).

### LATE 2030s

- LTO issued.

### EARLY TO MID-2040s

- Units in service.

This potential timeline is subject to change based on project planning and regulatory approvals.

# Community benefits

According to the Conference Board of Canada, the potential benefits to Port Hope over the project's life (95 years) include:



\$65.7 billion boost to GDP.



\$10.5 million in municipal tax revenues annually.



Locally, approximately 1,700 jobs will be supported during the design and construction phase and 1,600 during the operation and maintenance phase. This amounts to an average 15 to 20 per cent boost to overall employment levels in the local area.

The community could also benefit from:



Supply chain spending.



Direct and indirect spending by employees working and living in the region.



Corporate and employee charitable giving.



Environmental initiatives & potential biodiversity protection initiatives.

## Public engagement

Learn more at one of our upcoming drop-in public information sessions.

Join OPG staff to discuss how electricity from nuclear is generated and the potential for new generation at the Wesleyville site.

For more information and to register visit [opg.com/wesleyville](http://opg.com/wesleyville).



Your Wesleyville Stakeholder Relations team

## Stay in touch

To ensure an ongoing, open line of communication, there are a number of ways to connect with us.

- Regular updates:** You can expect regular updates and newsletters as we progress our activities.
- Contact us at:** 905-623-7122, Toll Free: 1-800-461-0034 or [wesleyville@opg.com](mailto:wesleyville@opg.com).
- Visit [opg.com/Wesleyville](http://opg.com/Wesleyville) for information on the initiative, next steps in the process and frequently asked questions.
- Participate in community meetings and forums:** We encourage you to participate in future community meetings, forums and to speak to us at community events. These engagement opportunities will be advertised locally and will be posted on our website.
- Visit us soon at our in-community information centre:** OPG will be opening a community office in Port Hope. This public space will allow you to gather information and speak to OPG staff at your convenience. Once the office is established, we will update the community via outreach like this.



Recycled  
Supporting responsible use  
of forest resources  
[www.fsc.org](http://www.fsc.org) Cert no. SCS-COC-004789  
© 1996 Forest Stewardship Council



**ONTARIO  
POWER  
GENERATION**