

# Impact Assessment of the New Nuclear at Wesleyville Project

INFORMATION AND ENGAGEMENT SESSION – APRIL 2026



GOVERNMENT OF CANADA

Canada

# Land acknowledgement

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Image source: OPG

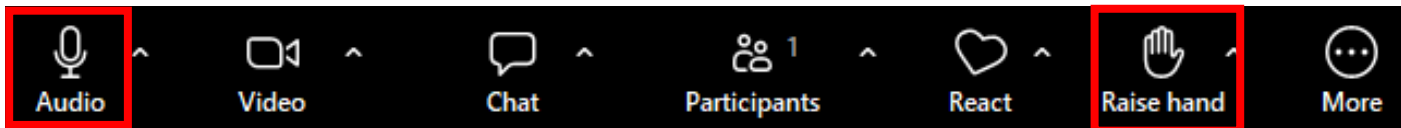
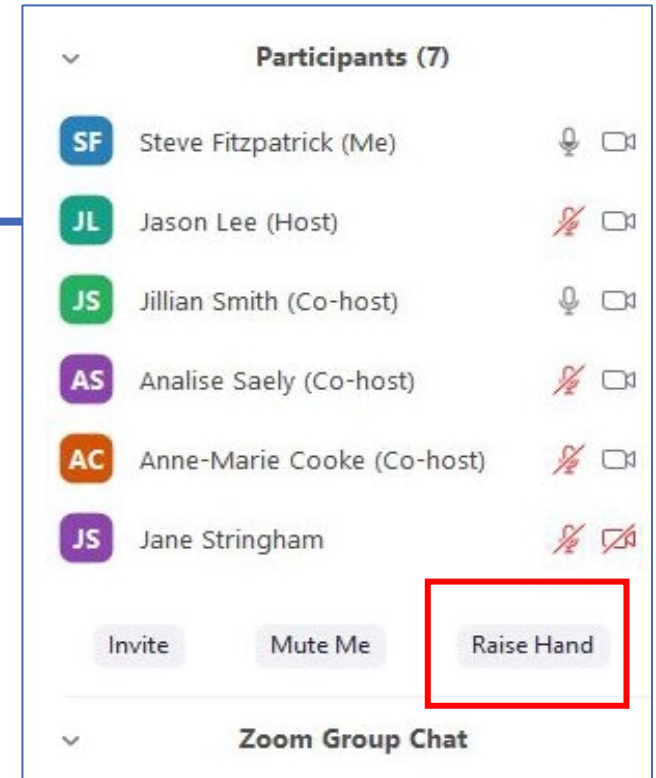


# To participate

Click the “Raise Hand” function or type the question into the chat

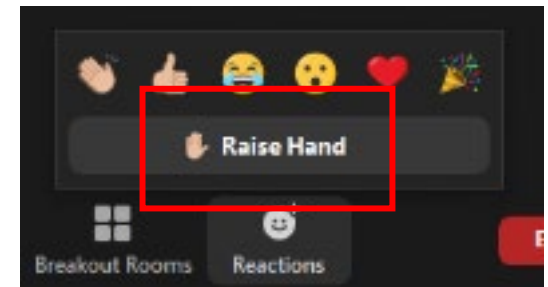
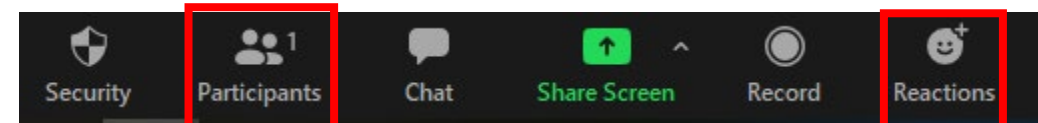
If you are on the phone, press \*9 to ask a question and \*6 to unmute/mute

Please mute your microphone unless speaking



or

or





# Overview

1. Who we are – IAAC and the CNSC
2. The project
3. Integrated assessment
4. Key documents
5. Public participation
6. Discussion

# Who we are

INTRODUCTION



# Impact Assessment Agency of Canada (IAAC)

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- Federal agency reporting to the Minister of **Environment and Climate Change and Nature**
- Conducts federal impact assessments on major projects in Canada (like marine terminals, major mines and nuclear facilities) under the ***Impact Assessment Act***
- Works with the support of other federal departments
- Conducts meaningful Indigenous consultation and meaningful public engagement
- Cooperates with provincial, territorial and Indigenous jurisdictions



Impact Assessment  
Agency of Canada

Agence d'évaluation  
d'impact du Canada

# Canadian Nuclear Safety Commission (CNSC)

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- Canada's lifecycle nuclear regulator
- Regulates the use of nuclear energy and materials to prevent unreasonable risk to health, safety, security and the environment
- Administers the *Nuclear Safety and Control Act* (NSCA)
- Implements Canada's international commitments on the peaceful use of nuclear energy
- Disseminates objective scientific, technical and regulatory information to the public



# New Nuclear at Wesleyville Project

PROPOSED BY ONTARIO POWER GENERATION



# New Nuclear at Wesleyville Project



**Proponent:** Ontario Power Generation (OPG), a Crown Corporation wholly owned by the Province of Ontario

**Project:**

- Site preparation, construction, operation and decommissioning of a new nuclear power plant
- Generation of up to 10,000 megawatts-electric
- Onsite storage of irradiated fuel
- No specific nuclear technology has been selected; a bounding approach with multiple technologies will be assessed

**Location:** Wesleyville, in Port Hope, Ontario

**Operation duration:** 78 Years

(Image source: OPG New Nuclear at Wesleyville in Port Hope– Initial Project Description – December 2025)

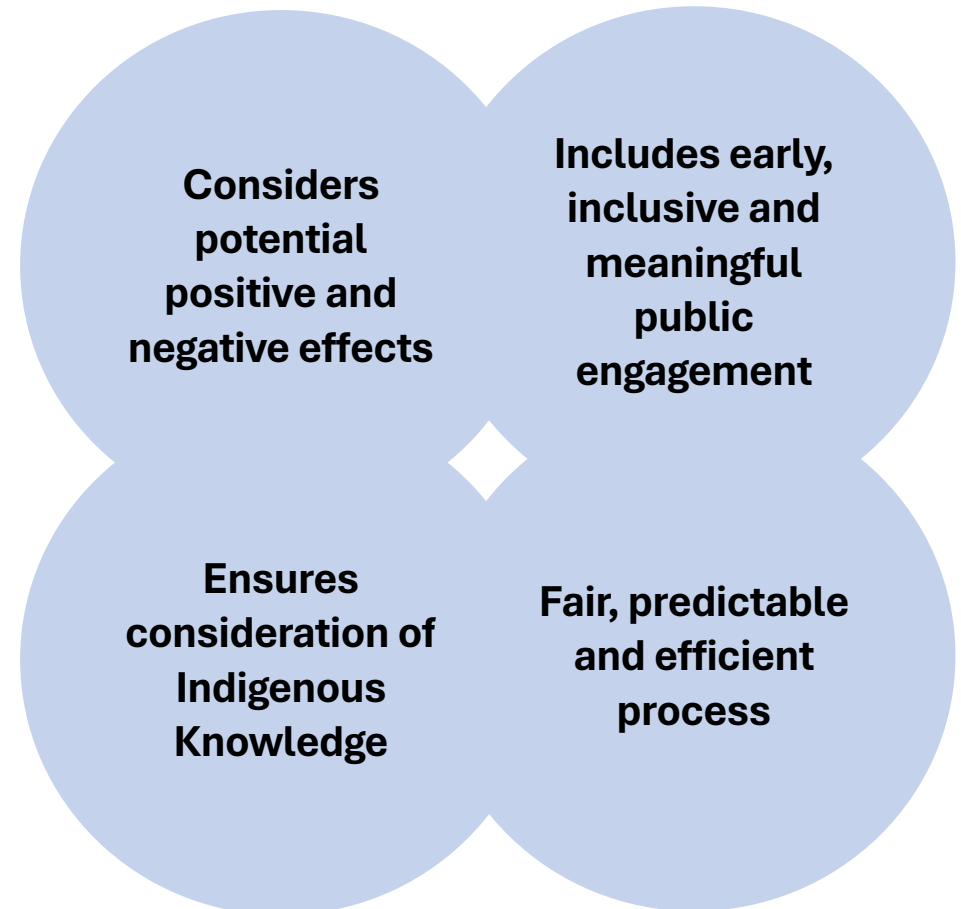
# Integrated Assessment of Nuclear Projects

GENERAL OVERVIEW AND CURRENT STATUS



# Integrated assessment of nuclear projects

- When a project includes activities regulated under the NSCA, IAAC works with the CNSC to conduct an integrated assessment.
- IAAC and the CNSC:
  - cooperate with the common objective that applicable CNSC and IAAC requirements are achieved in a single integrated assessment as "one project, one assessment"
  - assess potential effects over the lifecycle of the project and considers the application for the first licensing phase of a nuclear facility (e.g., "Licence to Prepare a Site").
- CNSC has a robust regulatory framework for licensing and compliance of nuclear facilities and activities



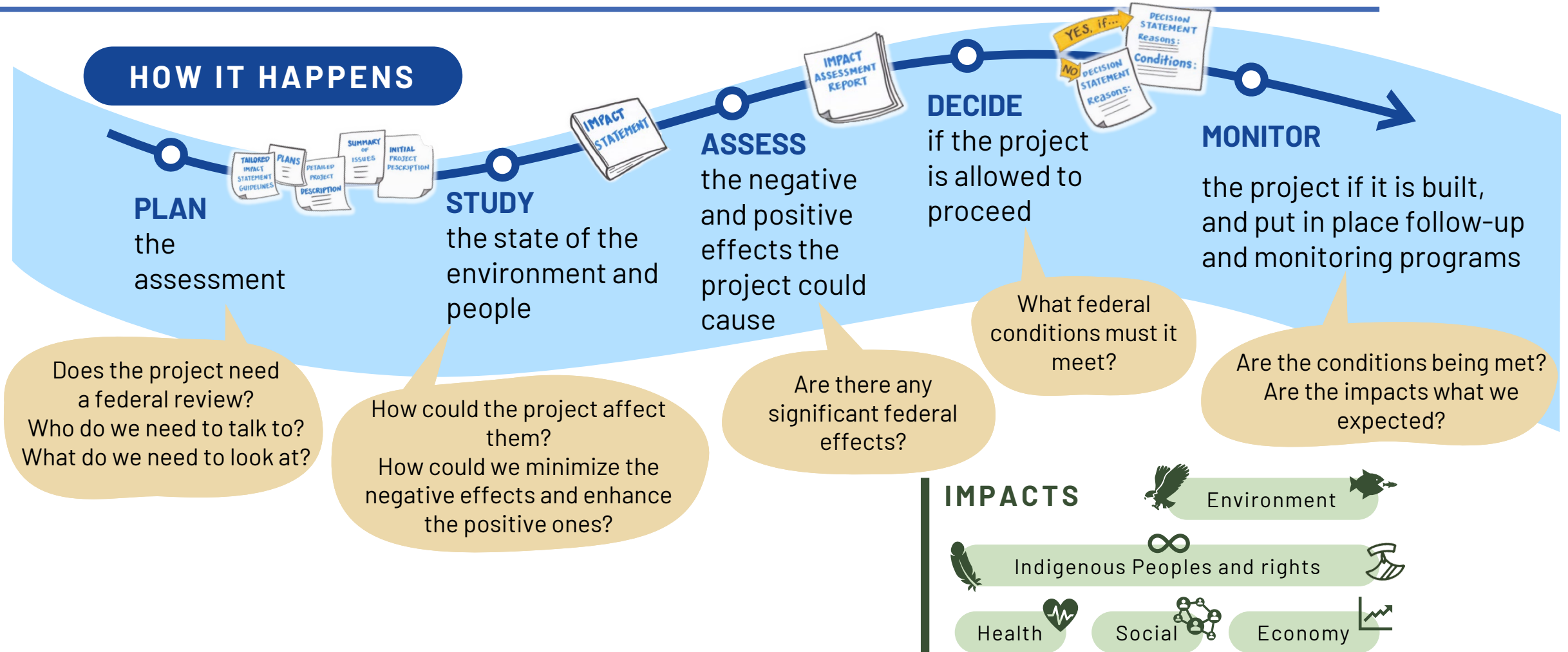
# Consultation with Indigenous Peoples

IAAC and CNSC will work throughout the integrated assessment process with Indigenous peoples to:

- promote relationship building
- meet the Crown's duty to consult
- ensure consideration of Indigenous Knowledge
- meet statutory obligations as outlined in the *Impact Assessment Act*
- fulfill the Government's commitment to implement the *United Nations Declaration on the Rights of Indigenous Peoples*



# Overview of integrated assessment process





# Nuclear facility licensing stages



**Site Preparation**

**Construction**

**Operation**

**Decommissioning**

**Release from CNSC  
regulatory control**

**Licence to  
Prepare Site**

**Licence to  
Construct**

**Licence to  
Operate**

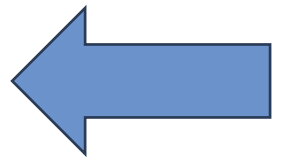
**Licence to  
Decommission**

**Licence to  
Abandon**



# Planning phase timeline

| Process step  | Date                            |
|---|---------------------------------|
| <b>Initial Project Description</b> posted to registry   | January 12, 2026                |
| <b>First public comment period</b> (30 days)  | January 12 to February 11, 2026 |
| <b>Summary of Issues</b> posted to registry   | February 20, 2026               |
| <b>OPG response to the Summary of Issues</b> posted to registry after a conformity review     | March 27, 2026                  |
| <b>IAAC determination that Integrated Assessment is required and referral to Review Panel</b> | April 2, 2026                   |
| <b>Draft Integrated Guidelines &amp; draft plans</b> posted to registry                       | April 7, 2026                   |
| <b>Second public comment period</b> (30 days)   | April 7 to May 7, 2026          |
| <b>Final Integrated Guidelines, final plans and Notice of Commencement</b> posted to registry | By July 11, 2026                |



# Key documents

DRAFT INTEGRATED GUIDELINES & DRAFT PLANS



# Overview of key documents

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The integrated assessment process includes several key documents which are drafted during the planning phase:

- Integrated Tailored Impact Statement Guidelines
- Public Participation Plan
- Indigenous Engagement and Partnership Plan
- Cooperation Plan
- Permitting Plan



# Integrated Guidelines

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Inform OPG what information needs to be provided and how they need to collect and analyze that information for their project.

- Address project-specific environmental, health, social and economic effects
- Scope the factors to be considered
- Provide clarity on baselines and required studies
- Provide direction on how OPG will work with Indigenous groups and the public
- Identify the valued components to be included in OPG's analysis of positive and adverse effects

Overlapping requirements with the CNSC have been incorporated where applicable.



# Integrated Guidelines

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## Integrated Guidelines **can**:

- ✓ Request information to understand:
  - the environment and community
  - the project and its components
  - potential project effects
  - cumulative effects
- ✓ Identify ways to minimize negative project effects and maximize positive effects
- ✓ Focus the assessment on key issues of greatest importance and concern





## Integrated Guidelines **cannot**:

- × Force the proponent to change, stop, or significantly delay their project
- × Approve or provide pre-approval for the project
- × Provide instructions to parties other than the proponent (for example, provincial ministries or federal departments)



# Key sections of the draft guidelines
















- Section 5: Biophysical Environment 
- Section 6: Health, Social, and Economic Conditions 
- Section 8: Security Considerations 
- Section 9: Effects of Potential Accidents or Malfunctions 

A plain language summary of the draft Integrated Guidelines is available on the project's registry page.

# Licence to Prepare Site application

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In addition, the applicant must satisfy CNSC staff with information addressing these “Safety and Control Areas”:

- Management System 
- Operating Performance 
- Safety Analysis 
- Physical Design 
- Radiation Protection 
- Conventional Health and Safety 
- Environmental Protection  
- Emergency Management and Fire Protection  
- Waste Management 
- Security 
- Safeguards and Non-Proliferation 

# Public Participation Plan

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- Designed to provide proponents, the public and other participants with certainty about how and when public participation will occur
- Tailored to the project and includes:
  - Objectives of the plan that reflect the views heard during the planning phase.
  - A table that describes the phases of the integrated assessment and the engagement opportunities during each phase.

## Public Participation Plan



# Public Participation

HOW YOU CAN PARTICIPATE IN THE ASSESSMENT



# Public Comment Period

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**April 7 to May 7, 2026**

Submit your comments on the:

- Draft Integrated Tailored Impact Statement Guidelines
- Draft Public Participation Plan

Your comments will inform the final versions of these documents.



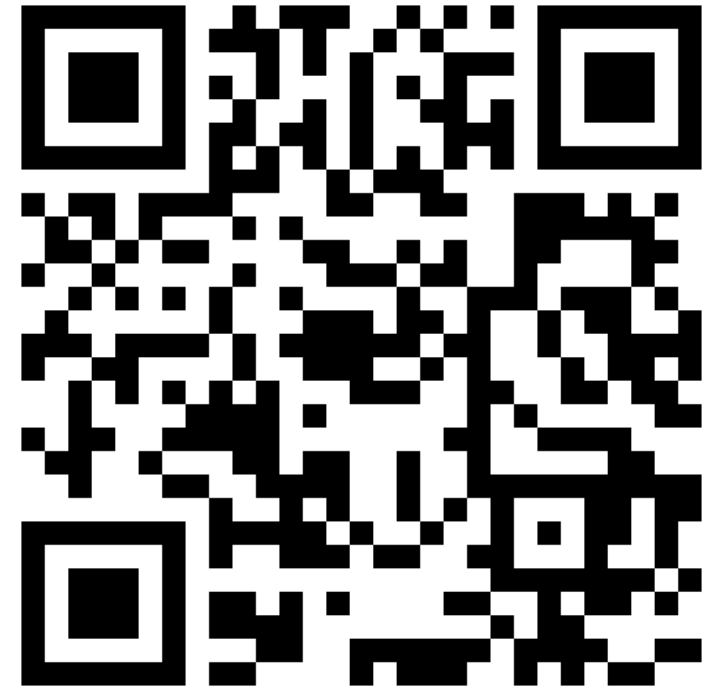
# How to participate

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- Attend a **public session** hosted by IAAC, CNSC or the proponent to ask questions and share your views
- Visit the Canadian Impact Assessment Registry:
  - Use the “submit a comment” feature on the project page
- Write to [wesleyville@iaac-aeic.gc.ca](mailto:wesleyville@iaac-aeic.gc.ca):
  - with your comments and questions
  - to add your address to the project’s email notification list
- Send comments by mail to:

Impact Assessment Agency of Canada  
160 Elgin Street, 22nd floor  
Ottawa, Ontario K1A 0H3

New Nuclear at Wesleyville Integrated Assessment Team



Deadline:  
**May 7, 2026**

# Canadian Impact Assessment Registry

## New Nuclear at Wesleyville Project

Ontario Power Generation Inc. is proposing the construction of a new nuclear power plant in the Municipality of Port Hope, Ontario, within the traditional and treaty Territory of the Williams Treaties First Nations. As proposed, the New Nuclear at Wesleyville Project would provide up to 10,000 megawatts of new nuclear generating capacity and operate for 78 years. Several nuclear reactor technologies will be considered for the project. The project assessment and initial licence application review are being conducted in collaboration with the Canadian Nuclear Safety Commission.

### Latest update

To respect the knowledge sharing memorandum of understanding with Michi Saagig Anishinaabeg Nations of the Williams Treaties First Nations (MS-WTFNs), the information shared on this page is for the purposes of the integrated assessment for the New Nuclear at Wesleyville Project and has not been approved for use for other purposes. Any reproduction, distribution, or use of information about or provided by MS-WTFNs, for purposes other than those originally intended, requires prior permission from MS-WTFNs. To request permission please contact IAAC at [wesleyville@iaac.ca](mailto:wesleyville@iaac.ca).

February 20, 2026 — The Impact Assessment Agency of Canada issued the [Summary of Issues](#) to the proponent on February 20, 2026, for the preparation of its response to the Summary of Issues.

### At a glance

|          |                  |                   |                 |               |
|----------|------------------|-------------------|-----------------|---------------|
| Planning | Impact Statement | Impact Assessment | Decision Making | Post Decision |
|----------|------------------|-------------------|-----------------|---------------|

#### Planning

In progress 50/180 days

#### Key documents

- [Summary of Issues](#) | February 20, 2026
- [Summary of the initial project description of a designated project](#) | January 12, 2026
- [Initial Project Description of a Designated Project](#) | January 12, 2026

#### Comment periods

- [Public Notice - Comments invited on the summary of the Initial Project Description and funding available](#) | January 12, 2026 to February 11, 2026 - Closed

### View interactive map



#### Disclaimer

- Location: Port Hope (Ontario)
- Nature of Activity: Nuclear Energy
- Assessment Status: In progress
- Start Date: 2026-01-12
- Proponent: Ontario Power Generation Inc.
- Authority: Impact Assessment Agency of Canada
- Assessment Type: Planning Phase for Impact Assessment
- Reference Number: 89802

### Nearby assessments

...within 200 kilometres

The Proposal by Cameco Corporation for the Redevelopment of its Port Hope Conversion Facility (Vision 2010) Port Hope

New Commercial Lease for placement of a manufactured home - Pickering Lands (414-2) Pickering Lands Site (PLS), Pickering

## Planning (Active)

### About this comment period

To prepare for a potential assessment, there are opportunities to comment on the benefits and concerns of a project, who should conduct the assessment, like a province or panel, and what types of studies are needed. Your comments play an important role in better understanding the project and ensuring the assessment is well run.

From 2026-01-12 to 2026-02-11

### Related Documents

| Document Title   | File          | Date Posted |
|--|---------------|-------------|
| <a href="#">Summary of the initial project description of a designated project</a> | pdf (3.93 MB) | 2026-01-12  |

From 2026-04-07 to 2026-05-07

### Related Documents

| Document Title  | File          | Date Posted |
|---|---------------|-------------|
| <a href="#">Draft Public Participation Plan</a>                       | pdf (0.47 MB) | 2026-04-07  |
| <a href="#">Draft Integrated Tailored Impact Statement Guidelines</a> | pdf (0.97 MB) | 2026-04-07  |

### Disclaimer

The use of this online submission tool is voluntary and subject to the [Terms of Use](#). To submit information or comments, you will need to provide a valid email address. Information submitted via this tool must comply with the [Submission Policy](#) and should not contain confidential information, including confidential Indigenous knowledge, or inappropriate content. Refer to the contact information identified on the relevant assessment page to submit information via other means.

### Participate

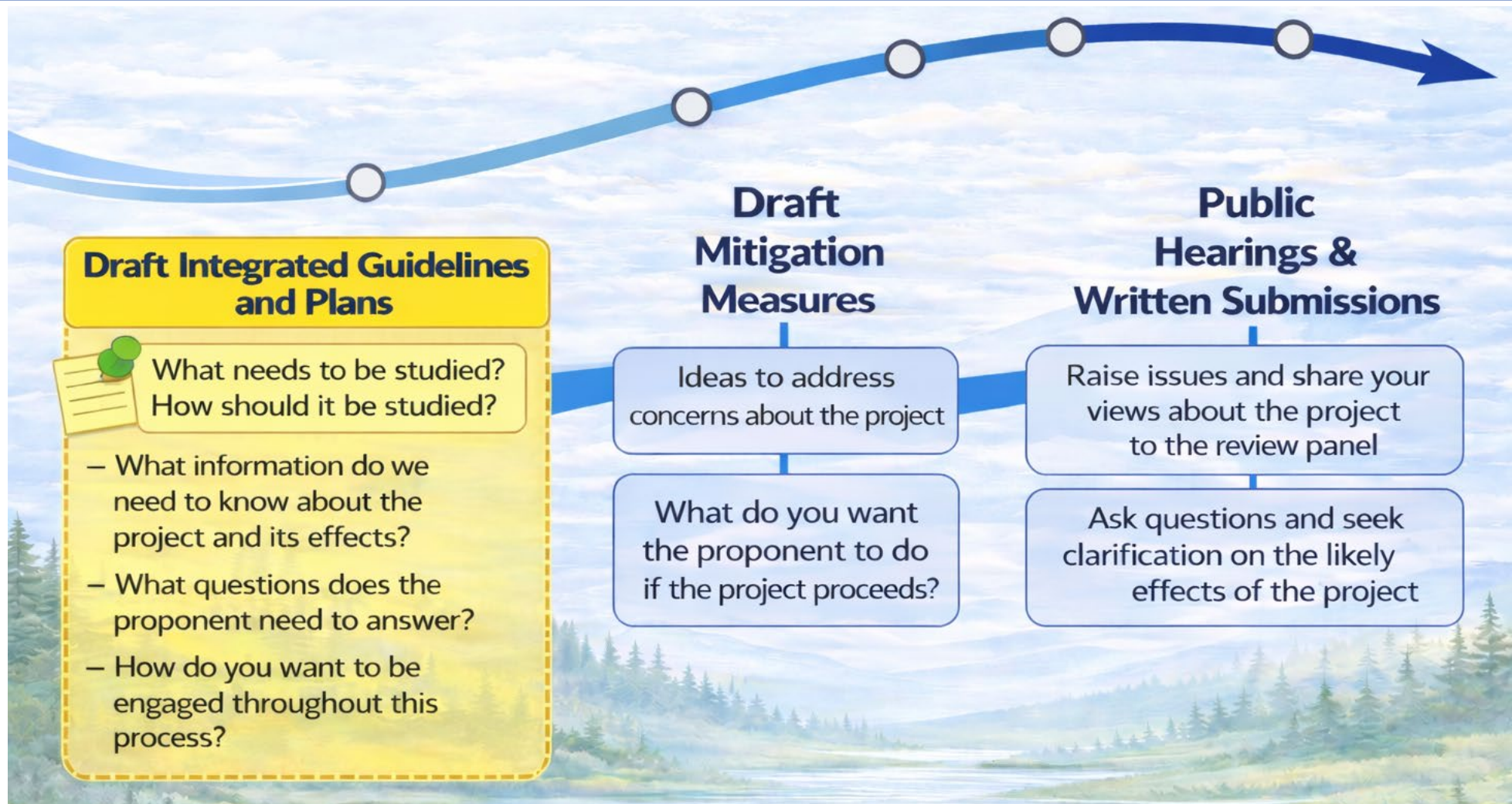
[Submit a Comment](#)

[View Comments](#)  
Total: 1142

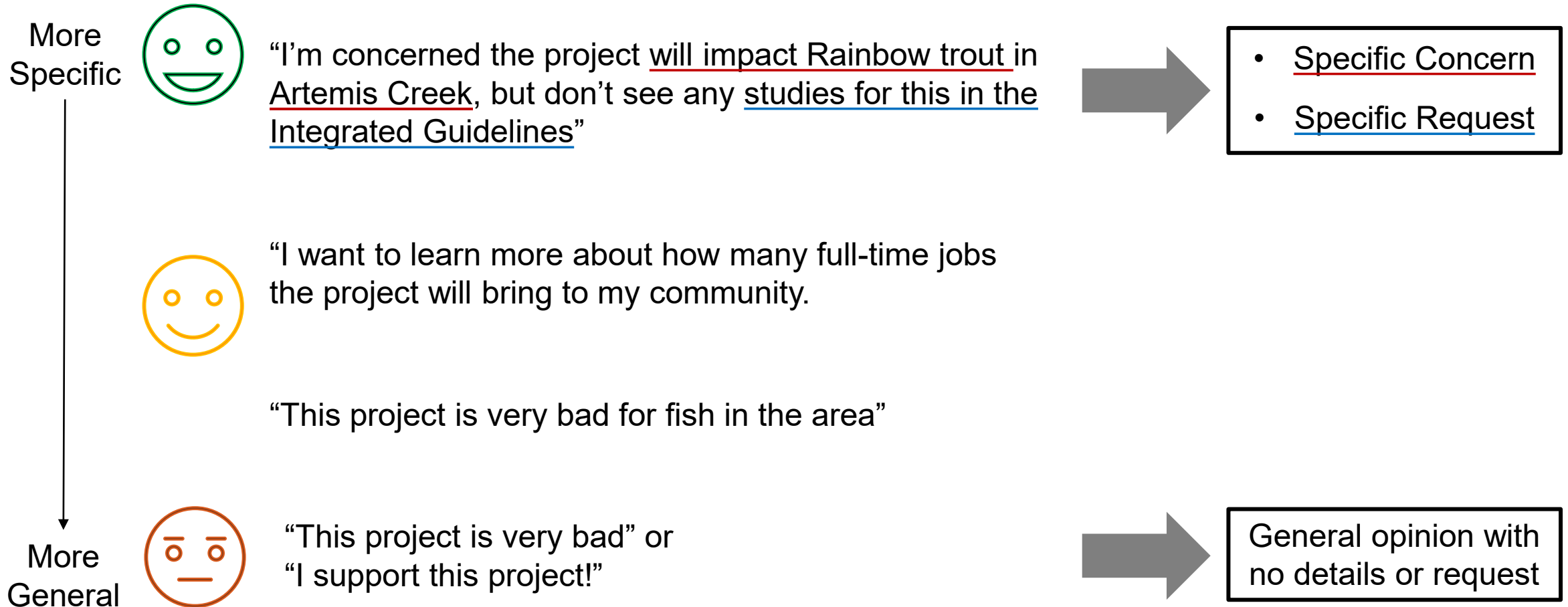
[Submit a comment](#)

[View existing comments](#)

# Information needs for comment periods



# Providing meaningful input



\* Comments with derogatory language or profanity are **not** accepted

# Discussion

TIME FOR YOUR COMMENTS AND QUESTIONS



**We want to hear from you about...**

**What should we know about your community?**



**What are your concerns?**



**Are your concerns reflected in the draft integrated guidelines?**



**What questions must be answered?**

**New Nuclear at Wesleyville Project**

**What do we need more information about?**



**What are the key issues?**



**How do you want to be involved?**



**How might the project impact you?**



**Your ideas about the project**



# Thank you! Questions? Comments?

## Reminders:

Submit your comments on the:

- Draft Integrated Tailored Impact Statement Guidelines
- Draft Public Participation Plan

Before **May 7, 2026** at 11:59 pm ET

## Contact Information:

### Integrated Assessment Team:

**Email:** [wesleyville@iaac-aeic.gc.ca](mailto:wesleyville@iaac-aeic.gc.ca)

**Phone:** 343-596-8128

### Mailing Address:

New Nuclear at Wesleyville Integrated Assessment Team

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