

Class Environmental Assessment
For Waterpower Projects

Statement of Completion

For Office Use Only		
Reference Number	Date (y/m/d)	Initials

General Information and Instructions		
General The information provided on this form is collected under authority of the <i>Environmental Assessment Act</i>		
Instructions Please send the completed form to		
<p>Annamaria Cross. Director, Environmental Assessment Ministry of the Environment 135 St. Clair Avenue West, 14th Floor Toronto, Ontario M4V 1P5 annamaria.cross@ontario.ca</p> <p>Jon Opana, Regional EA Coordinator MOECC Eastern Region 1259 Gardiners Road, Kingston ON Jon.opana@ontario.ca</p> <p>Kristina Rudzki Supervisor Project Review Unit Environmental Assessment and Permissions Branch 135 St. Clair Avenue West 7th Floor Toronto, Ontario</p>	<p>Paul Norris, Ontario Waterpower Association President 380 Armour Road, Suite 264 Peterborough, ON K9H 7L7 info@owa.ca</p> <p>Pauline Capelle A/Regional Planner Southern Region Ontario Ministry of Natural Resources and Forestry 300 Water St., Peterborough ON, 4th Floor South Tower Pauline.capelle@ontario.ca</p> <p>Randy McLaren Pembroke District Manager Ministry of Natural Resources and Forestry 31 Riverside Drive Pembroke, ON K8A 8R6 (randy.mclaren@Ontario.ca).</p>	
Proponent Information		
Proponent Name (legal name of individual or organization)		
Ontario Power Generation Inc.		
Contact Name		
Gillian MacLeod		
Proponent Type:		
<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	<input type="checkbox"/> Partnership
<input type="checkbox"/> Municipal Government	<input type="checkbox"/> Federal Government	<input type="checkbox"/> Provincial Government
<input type="checkbox"/> Other (describe):	<input type="checkbox"/> Sole Proprietor	
Proponent Mailing Address – <i>Complete A, C & D or B, C & D</i>		
A. Civil Address – Street Information (applies to an address that has civic numbering and street information includes street number, name, type and direction) 700 University Avenue		Unit Identifier (identifies type of unit, such as suite & number) H19 B7
B. Delivery Designator		
<input type="checkbox"/> Rural Route	<input type="checkbox"/> Suburban Service	<input type="checkbox"/> Mobile Route
<input type="checkbox"/> General Delivery	Delivery Identifier (a number identifying a Rural Route, Suburban Service or Mobile Route delivery mode)	
C. Municipality/Unorganized Township County/District Provincial/State Country Postal Code		
Toronto, Ontario, Canada, M5G 1X6		
D. Telephone Number (including area code & extension) 416-528-0967	Fax Number (including area code)	Email Address Gillian.macleod@opg.com

Site Address (Complete A or B and the remainder of the section)					
A. Site Address – Street Information (applies to an address that has civic numbering and street information – includes street number, name, type and direction) 123 Generation Station Lane, Calabogie Ontario, K0J 1H0				Unit Identifier (identifies type of unit, such as suite & number)	
Waterway Name: Madawaska					
B. Survey Address (used for a rural location specified for a subdivided township, an unsubdivided township or unsurveyed territory) NOTE: Do not complete “B” if you completed “A”)					
Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number	Lot	Conc	Part and Reference: used to indicate location within an unsubdivided township or unsurveyed territory, and consists of a part and a reference plan number indicating the location within that plan. Attach a copy of the plan.	Part	Ref Plan
Non Address Information (includes any additional information to clarify clients' physical location)					
Geo Reference Map Datum UTM: NAD83 CSRS	Zone 18 N	Accuracy Estimate within 1 M Horizontal	Geo Referencing Method Aerial Image Detection	UTM Easting 366041.140	UTM Northing 5018215.170
Municipality/Unorganized Township Township of Greater Madawaska			County/District Renfrew County		Postal Code K0J 1H0

Project Information

Project Name Calabogie Generating Station Redevelopment Project	
Nameplate Capacity of Facility (in megawatts): 4 MW	
Category of Class EA Completed (check one)	<input checked="" type="checkbox"/> Projects Associated with Existing Infrastructure <input type="checkbox"/> New Projects on Managed Waterway <input type="checkbox"/> New Projects on unmanaged Waterway
Brief Project Description:	
<p>Ontario Power Generation (OPG) is proposing to redevelop the existing Calabogie Generating Station (GS). Constructed in 1917, the original station had an installed capacity of 5 megawatts (MW). The existing Calabogie GS is over one hundred years old and was at the end of its life prior to the tornado that hit the GS in September 2018. The GS has not operated since that time. OPG intends to redevelop the site and increase the station's capacity to approximately 11 MW. The Project involves the demolition and removal of the existing powerhouse and its structures including the forebay retaining walls and the forebay inlet structure and the subsequent construction of a new powerhouse and forebay.</p> <p>Copies of all the Environment Report and supporting Technical Supporting Documents (except for Indigenous Peoples and Consultation, which is provided on request) are found on the Project website: www.calabogiegs.com/supporting-documents.</p>	
Summary of Conclusions of Environmental Report:	
<p>The Environmental Report (ER) provides a description of the proposed Project, description of the EA approach and methodology, description of the existing environment, an assessment of effects and proposed mitigation and monitoring measures, a description of public and agency consultation, description of Indigenous Peoples consultation, and the summary evaluation of the proposed Project including the overall advantages and disadvantages.</p> <p>Opportunities have been given for input from government reviewers in the scoping of field studies, the identification of effects, and selection of potential mitigation measures and review of technical studies. Over the last two years or so through meetings, discussions and information centres/open houses and website, substantial effort has been made to regularly inform and involve the public on the proposed Project and to address all questions.</p> <p>The proposed Project lies within the Algonquins of Ontario (AOO) Land Claim and engagement has occurred with the AOO and their various member communities. While the Algonquins of Pikwàkanagàn are part of the AOO there has been additional engagement with them separately, as per their request. OPG has also subsequently engaged with four Williams Treaty First Nation communities as a result of the Province's recent recognition of these communities holding pre-existing treaty rights (Treaty 27) in the Calabogie area. Arcadis and OPG are of the opinion that no traditional activities or rights of either the Algonquins or Williams Treaty communities will be impacted by the proposed project.</p> <p>OPG has been facilitating potential training, employment and contracting opportunities for Algonquins, and if interested the identified Williams Treaty First Nation communities as well.</p> <p>The proposed project will produce a wide variety of benefits for local and regionally based populations and in general the people of Ontario. The Project will provide a moderate sized investment into eastern Ontario that will create significant local and regional employment.</p> <p>The proposed Project will benefit Ontario in terms of the gross revenue charges (water rental) and from the variety of other related taxes and charges that will result from all aspects of the proposed Project.</p> <p>The Province will also benefit from the additional capacity of renewable green energy the project, which will result in a new station of approximately 11 megawatts.</p> <p>The investment in a new and somewhat larger GS at Calabogie will help OPG better match flows with the upstream and downstream plants and result in increased utilization of the available water resources. The project will also allow for an investment into the dam infrastructure at the facility which would be advantageous in addressing future catastrophic events and climate change. Finally, the investment will provide a moderate sized investment into eastern Ontario that will create significant local and regional employment and will also allow OPG the opportunity to make the GS "eel ready" so that facility could safely pass future American Eel populations.</p> <p>Any negative environmental effects associated with the proposed Project are minor and/or temporary and most if not all can be addressed through appropriate mitigation and monitoring measures.</p> <p>Finally, this ER presents the view that developing a new approximately 11 MW hydroelectric GS at the site of the existing Calabogie GS represents a positive net benefit for the people of Ontario.</p>	

The Notice of Completion was issued on December 12, 2019 and December 19, 2019 with the Comment Period closing January 31, 2020. No Part II Order requests have been made to date.

OPG respectfully requests acceptance of the proposed Project as described herein, proposed pursuant to the OWA (2018) Class Environmental Assessment for Waterpower Projects under the Ontario EA Act. OPG will continue to work with the stakeholders and / or Indigenous peoples to resolve questions and concerns should they arise.

Summary of Aboriginal Engagement and Outcome:

At the start of this Class EA process, the then Ontario Ministry of the Environment and Climate Change identified that consultation was to be undertaken with the Algonquins of Ontario (AOO). Subsequently in April of 2019 four Williams Treaty First Nations communities were added to the consultation list including: Alderville First Nation, Curve Lake First Nation, Hiawatha First Nation and Scugog Island First Nation.

The proposed Project lies within the Algonquins of Ontario Land Claim and engagement has occurred with the AOO and their various member communities. While the Algonquins of Pikwàkanagàn (AOP) First Nation are part of the AOO, there has been additional engagement with them separately, as per their request.

Arcadis and OPG are of the opinion that no traditional rights or activities (hunting, fishing trapping and gathering) will be impacted by the proposed project. The rationale for this is described in this Report but is premised on the fact that the proposed Project merely replaces an existing GS that has operated for over one hundred years. A Water Management Plan has been in place on the Madawaska River that contains a variety of compliance requirements that OPG must follow. No changes are proposed to that Plan. Furthermore, the implementation of the various mitigation measures proposed should result in negligible impact on the natural environment upon which traditional activities are based.

OPG has also been working to enhance potential benefits associated with the proposed Project. OPG has designed American Eel passage into the facility so that should the species appear on the Madawaska River, the GS can allow for its movement. The AOO have previously identified to OPG the spiritual importance of the American Eel to them as a people.

OPG is also facilitating potential training, employment and contracting opportunities for Algonquins, and, if interested, the identified Williams Treaty First Nation communities as well.

Extensive efforts have been made to work with both the AOO and AOP, in accordance with their consultation policies, and funding has been provided for them to participate.

With respect to Indigenous groups, none of the Williams Treaty First Nations have identified any outstanding concerns nor has the Algonquins of Pikwàkanagàn who were also consulted with separately from the AOO.

AOO/AOP summarized all their questions and concerns in a table of comments initially submitted in July 2019. Since that time, OPG and AOO/AOP have worked on responses and follow-up which is referred to by both parties as Table 1. All items identified in Table 1 from AOO/AOP have been dispositioned to the satisfaction of AOO and AOP. At the request of AOO, Table 1 is not included in the Environmental Review Report, but can be sent to MECP as a separate file.

The AOO maintains some concerns with the archaeological assessment and feel that more field work is required. The archaeological assessment report is currently being reviewed by the Ministry of Heritage Tourism Sport and Culture Industries (MTC) under an expedited review and based on conversations with the Ministry the Report is expected to be entered into the Registry. This will provide certainty that the archaeological assessment was done appropriately and that confirmation should help to better inform the conversation on archaeology that OPG and the AOO have been engaged with. However, it is possible that the AOO will continue to hold an opinion different than both the Ministry and OPG. While there has been a disagreement in opinion on methodology and site interpretation matters, OPG has been committed to separately trying to satisfy AOO with potentially further test pitting a portion of the site that was identified as high cultural value to the AOO while at the same time not compromising project timing and not violating the breeding bird window under the Migratory Birds Convention Act. In OPG's view this does not represent any change in the conclusions of the environmental assessment, but represents an additional accommodation that OPG has been exploring.

For more detail on the extensive consultation and accommodations made please refer to the Indigenous Consultation Technical Support Document. This report describes the proposed project, the identified Indigenous communities and the engagement undertaken with them. It also describes the specific interests, concerns and discussions that have taken place.

During the Notice of Completion period, the only comment received by OPG from the Williams Treaty First Nations was from Hiawatha First Nation indicating that they felt that OPG "...surpassed your due diligence in reaching out to Hiawatha and community" and that at this point they did not have any questions or concerns but would like to receive updates.

OPG has started to provide the Williams Treaty First Nations and the Algonquins of Ontario and the Algonquins of Pikwàkanagàn with bimonthly project updates. Two updates have been sent to date (November 2019, January 2020), and a third is planned for the March 2020.

OPG will continue to work with all Indigenous interests on many fronts as described in the Report.

Summary of Public and Agency Consultation and Outcome:

The consultation program included two sets of public open houses held in Calabogie Ontario (2018 and 2019), public notices, a Project website and the provision of opportunities for on-going consultation. Generally, public interest has been modest with approximately 30 individuals attending each open house.

The two open houses demonstrated that there is no public opposition to the proposed project. There was not a single individual indicating opposition to the project. A number of individuals indicated verbally and in writing that the project appears well planned.

The main public concern has been the historic and existing range of water level fluctuations during certain times of the year in the Calabogie GS to Stewartville GS reach. While this is an existing situation, OPG is of the view that the proposed project should slightly reduce the frequency of such fluctuations on some occasions and therefore in general should be preferred by the downstream property owners. OPG continues to communicate with any property owners that raise this concern. It is our opinion that all public comments to date have or are being addressed.

Consultation with agencies has included the: Ministry of Environment Conservation and Parks (MECP), Ministry of Natural Resources and Forestry (MNRF), Ministry of Heritage, Sport, Tourism and Culture Industries (MTCS) Department of Fisheries and Oceans (DFO); and Township of Greater Madawaska and Renfrew County. Agency consultation events have included: tours of the site; large OPG-agency meetings and informal communications. OPG has facilitated as much consultation as requested by the government agencies. .

Post - Public Open House #2 Consultation

In mid-July 2019 all of the draft reports were prepared as draft final documents and sent to government agencies for review. At the same time, OPG made the decision to make all of these reports available for public comment except for the Indigenous Peoples Interests and Consultation TSD and a the Archaeology Report which was sent directly to Indigenous communities and the Ministries. These reports were uploaded to the www.calabogies.com website on July 10, 2019.

Since that time only one public comment was received. That letter was submitted on August 22, 2019 by the Ontario Rivers Alliance. A response letter was sent to this individual on October 21st, 2019. The letter raised questions with respect to: fish passage, water levels and flow velocity, turbines and climate change. All of these were responded to. The original letter and response and the subsequent question and answers appear as Appendix D to the Public and Agency Consultation TSD. Follow-up questions were sent during the comment period requiring clarification on eel readiness and to OPG's corporate work in the area of climate change. A response was provided to the Ontario Rivers Alliance for this correspondence.

Consultation was undertaken with agencies, specifically the MECP, MNRF, MTCS and DFO. Significant consultation was initiated in 2017 with an agency kick-off meeting and continues to the current period. Initial discussions focused on the nature and scope of the proposed project and likely government information requirements.

A summary of agency consultation activities undertaken once the EA commenced in 2017 is provided below. OPG has consulted with various provincial and federal government agencies throughout the environmental assessment process. Some key dates and consultation are summarized below. Meetings notes from some of these meetings can be provided if the government agencies wish them.

- April 26, 2017 – Calabogie Site Visit and Meeting with MECP, MNRF, MTCS and DFO.
- February 26, 2018 – Meeting with the MNRF and Standing Advisory Committee of the Madawaska River Water Management Plan (note that the SAC are volunteer representatives).
- February 27, 2018 – Meeting with Township of Greater Madawaska.
- March 12, 2018 – Email correspondence with Renfrew County, Departments of Development and Property and Public Works & Engineering on transportation and traffic issues.
- December 10, 2018 – Site visit with a staff person from the DFO.
- December 11, 2018 – Government Agency Update Meeting with invited representatives from MoECP, MNRF, MTCS, DFO and Township of Madawaska Highlands. Limited representation from MNRF and MTCS was available only by phone.
- January 8, 2018 – Meeting with MTCS in Toronto to discuss Cultural Heritage Impact Assessment.
- January 22, 2019 – Meeting with the Township of Madawaska Highlands and Renfrew County to discuss municipal issues including use of roads, traffic, rock excavation, etc.
- February 21, 2019 – Meeting with the MNRF. This meeting was held as most MNRF representatives in the Pembroke District and Peterborough Region office were unable to attend the December 11, 2018 meeting.
- June 17, 2019 – OPG attendance at Township of Greater Madawaska Township Council Meeting and site visit to discuss project, road layout, rock and other related issues.

It should be noted that the Redevelopment Project has received a letter of support from the Township of Greater Madawaska.

Since July 2019 there have been informal discussions and correspondence with government agencies with respect to their review of the documents. Formal comments and responses can be found in Appendix A to the Environment Report.

In addition to the meetings above there has been other less informal communications on-going with all the various federal, provincial and municipal entities.

The public and agency consultation process for the proposed Calabogie GS Redevelopment Project has been comprehensive and inclusive of all interested individuals and government representatives. In general, the public has been supportive of the proposed project. OPG is not aware of a single individual that has indicated opposition to the proposed project.

It is our opinion that all public comments raised have or are being addressed including ones unrelated to the undertaking. OPG will continue to address public and agency comments as they come forward.

Availability of Documentation (proponents are required to retain, either on site or in another location where they will be readily available, any Environmental Report, Addendum, and related notices and Statements of Completion prepared under the Class EA Process, as well as documentation of any commitments made by the proponent to address concerns after one of the above-noted reports was prepared)

Complete A or B and the remainder of section.

A. Site Address – Street Information (applies to an address that has civic numbering and street information - includes street number, name, type and direction)		<input type="checkbox"/> Same as Site Address		Unit Identifier (identifies type of unit, such as suite & number) H19 B7	
700 University Avenue Toronto Ontario M5G1X6					
B. Survey Address (used for rural location specified for a subdivide township, and unsubdivided township or unsurveyed territory) NOTE: Do not complete "B" if you completed "A"					
Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number	Lot	Conc	Part and Reference: used to indicate location within an unsubdivided township or unsurveyed territory, and consists of a part and a reference plan number indicating the location within that plan. Attach a copy of the plan.	Part	Ref Plan
Non Address Information (includes any additional information to clarify clients' physical location)					
Municipality/Unorganized Township Toronto		County/District		Postal Code M5G 1X6	
Contact Name for information about project documentation Gillian MacLeod		Telephone Number for information about project documentation (including area code & extension) 416-592-3481			

Part II Order Requests

Were there any Part II Order Requests Received?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	If Yes, how many and how were they resolved?

Statement of Proponent

I, the undersigned hereby declare that, to the best of my knowledge, the information contained in this statement is complete and accurate in every way, and I have complied with the Class EA for Waterpower Projects established under the *Environmental Assessment Act* of Ontario in the environmental review of the above-noted project.

Name (please print) Gillian MacLeod	Title Senior Environmental Advisor
Signature	Date (y/m/d) 2020/03/10