

Atura Power

Brighton Beach Generating Station Efficiency Upgrades

Screening Report for Electricity Projects

MAY 2024

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Atura Power

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Executive Summary

Brighton Beach Generating Station (BBGS) is owned and operated by Brighton Beach Power L.P., which operates under the trade name Atura Power. Atura Power is a subsidiary of Ontario Power Generation (OPG) and is planning to make efficiency upgrades (upgrades) within its existing facility located along the Detroit River waterfront in the City of Windsor, Ont. BBGS is a combined-cycle natural gas-fuelled electricity generating station with an average electrical output contract capacity of 541.25 megawatts (MW). The station is located at 100 Broadway St. within an industrialised area of South Windsor.

The Independent Electricity System Operator (IESO) quantified the near-term additional energy supply need in Ontario, stating that an additional 4,000 MW of new capacity is required by May 2027. Procurements for projects capable of meeting the increased energy demand in 2027 will need to be completed in the short-term. Atura Power is prepared to help meet that need and support ratepayers in Ontario through upgrades that will optimise and increase energy generation at BBGS.

Atura Power is planning to make upgrades which will increase the facility generating contract capacity by an average of 42.5 MW to achieve a total average contract capacity of 583.75 MW¹. Atura Power is planning to make these upgrades to its existing facility by replacing internal parts of the natural gas fired combustion turbines with more efficient parts that will result in greater electrical output from the gas turbine generators. The parts that are being replaced are the same parts that would normally be replaced during regular maintenance overhauls, but due to improved technology, will be more efficient. Better materials are used to manufacture the parts, and these can withstand a higher operating temperature and therefore produce more power. The planned upgrades will be completed as part of the annual spring plant outage in 2025 and will take approximately seven to eight weeks to disassemble, replace parts and reassemble the gas turbines. There are two units, and they will be completed simultaneously. The project will take place entirely within the facility. The facility footprint will not change, and no additional external laydown areas will be required.

Since the BBGS upgrades will result in an increase in the nameplate capacity of more than 5 MW, the Ontario *Environmental Assessment Act* (the *Act*) requires that an Environmental Assessment (EA) be undertaken in accordance with Ontario Regulation (O.Reg.) 116/01², and subsequently, the “Guide to Environmental Assessment Requirements for Electricity Projects” (the Guide) as outlined by the Ontario Ministry of Environment, Conservation and Parks (MECP). The Guide requires a Screening Criteria Checklist to be applied to the project, to identify potential negative environmental effects resulting from nine different criteria categories based on current knowledge

¹ Project materials released in 2023 note the upgrades to BBGS will increase the facility generating contract capacity by an average of 42.5 MW (from 570 MW to 612.5 MW), based on a winter (Season 1) contract capacity. When accounting for seasonable variability, BBGS generating contract capacity will increase by an average of 42.5 MW but from an average electrical output contract capacity of 541.25 MW to a total average electrical output contract capacity of 583.75 MW.

² In February 2024, the Government of Ontario revoked O.Reg. 116/01, replacing it with O.Reg. 50/24 and made subsequent updates to the Guide to Environmental Assessment Requirements for Electricity Projects. See Note to Readers on page iv for more information.

or preliminary investigations. Application of the Screening Criteria for the planned upgrades at BBGS determined that the response to all questions is "No", indicating that there are no potential negative environmental effects resulting from the project.

Engagement with Indigenous communities, the public and agencies is a key component of the EA process and was integrated from the initial development stages of the project planning and throughout the Environmental Screening Process. This included sharing project information on the project's webpage, advertising and distributing notices, hosting a virtual public meeting, responding to project enquiries, hosting meetings with Indigenous communities, and sharing information with municipal representatives and elected officials. It also included sharing a draft Screening Report with Indigenous communities, key agencies, municipal staff and elected officials, and interested members of the public via the project webpage, to offer an additional opportunity for those interested to review project details, the Environmental Screening Process undertaken, and assessment findings. Atura Power voluntarily provided this opportunity so that comments could be responded to, and incorporated into, this final Screening Report. The final Screening Report is being published for a mandated 30-day review period from May 8 to June 7, 2024.

Atura Power remains committed to a continuous process of relationship-building and communication with Indigenous communities neighbouring current and future projects.

Land Acknowledgement

Atura Power respectfully acknowledges that the Brighton Beach Generating Station is located on the Traditional Territory of the Three Fires Confederacy of First Nations, comprised of the Ojibwe, the Odawa and the Potawatomi Peoples. We respect the longstanding relationships with First Nations people in this place in the 100-mile Windsor-Essex peninsula.

Atura Power is committed to fostering positive and mutually beneficial relationships with Indigenous people and communities across Ontario. We are grateful to work, learn, and live in this area.

Note to Reader

This document is the final (updated) version of the draft Screening Report released for public comment and review in December 2023. The report details the Environmental Screening Process Atura Power completed for the Brighton Beach Generating Station (BBGS) upgrades project, as per O.Reg. 116/01 under the Ontario *Environmental Assessment Act* and subsequently, the “*Guide to Environmental Assessment Requirements for Electricity Projects*” (the Guide).

Since the draft Screening Report was released in December 2023, the Government of Ontario has revoked O.Reg. 116/01, replacing it with O.Reg. 50/24 (Government of Ontario, 2024), and made subsequent updates to the Guide. O.Reg. 50/24 applies to a broader classification of projects but still includes the same trigger that requires Atura Power to undertake an Environmental Screening Process according to the directives in the Guide.

To limit confusion, this final version of the Screening Report continues to reference O.Reg. 116/01; however, it is important that readers understand that O.Reg. 50/24 has since replaced O.Reg. 116/01.

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Appendix A. Letters from General Electric (GE)

Appendix B. Engagement Records

Appendix C. Comments on Draft Screening Report

Glossary of Terms

AA.....	archaeological assessment
AGP.....	Advanced Gas Path
AMFN	Aamjiwnaang First Nation
ANSI	Area of Natural or Scientific Interest
BBGS	Brighton Beach Generating Station
BTU	British thermal unit
°C	degrees Celsius
CDM.....	Combustion Dynamics Monitoring
CFN	Caldwell First Nation
CHER.....	Cultural Heritage Evaluation Report
CKSPFN.....	Chippewas of Kettle and Stony Point First Nation
COTTFN.....	Chippewas of the Thames First Nation
CO ₂	carbon dioxide
CWA.....	<i>Clean Water Act</i>
DNC.....	Delaware Nation Council
DFO.....	Fisheries and Oceans Canada
E-LT1-RFP	Expedited Long-Term Request for Proposal
EA.....	Environmental Assessment
EASR.....	Environmental Activity and Sector Registry
EBA.....	Event-Based Modelling Area
ECA	Environmental Compliance Approval
EPA.....	<i>Environmental Protection Act</i>
ERCA.....	Essex Regional Conservation Authority
ESA	Environmentally Sensitive Area
ET.....	Eastern Time
ETS.....	Enhanced Transient Stability
FAQs	Frequently Asked Questions
GE.....	General Electric
GJ.....	gigajoule(s)
HIA.....	Heritage Impact Assessment
HONI	Hydro One Networks Inc.
HVA.....	Highly Vulnerable Aquifer
ICA.....	Issues Contributing Area
IESO.....	Independent Electricity System Operator
IPZ.....	Intake Protection Zone
kJ.....	kilojoule(s)
km.....	kilometre(s)
kWh	kilowatt(s)-hour
L.....	Litre(s)
m	metre(s)
MCM.....	Ministry of Citizenship and Multiculturalism
MDN.....	Munsee-Delaware Nation
MECP	Ontario Ministry of the Environment, Conservation and Parks
MNO	Métis Nation of Ontario

MNRF.....	Ministry of Natural Resources and Forestry
MP.....	Member of Parliament
MPP.....	Member of Provincial Parliament
MTO.....	Ontario Ministry of Transportation
MDN.....	Munsee-Delaware Nation
MW.....	megawatt(s)
NHS.....	National Historic Site
O.Reg.....	Ontario Regulation
OHA.....	<i>Ontario Heritage Act</i>
ONTT.....	Oneida Nation of the Thames
OPG.....	Ontario Power Generation
OWRA.....	<i>Ontario Water Resources Act</i>
PTTW.....	Permit to Take Water
SAR.....	Species at Risk
SGRA.....	Significant Groundwater Recharge Area
SPA.....	Source Protection Area
SR.....	Screening Report
WIFN.....	Walpole Island First Nation
WHPA.....	Wellhead Protection Area

1. Introduction

1.1 Background

Brighton Beach Generating Station (BBGS) is owned and operated by Brighton Beach Power LP, which operates under the trade name Atura Power. Atura Power is a subsidiary of Ontario Power Generation (OPG) and is planning to make efficiency upgrades (upgrades) within its existing BBGS facility located along the Detroit River waterfront in the City of Windsor, Ont. BBGS is a combined-cycle natural gas-fuelled electricity generating station with an average electrical output contract capacity of 541.25 megawatts (MW). The station is located at 100 Broadway St. within an industrialised area of South Windsor (**Figure 1-1**).

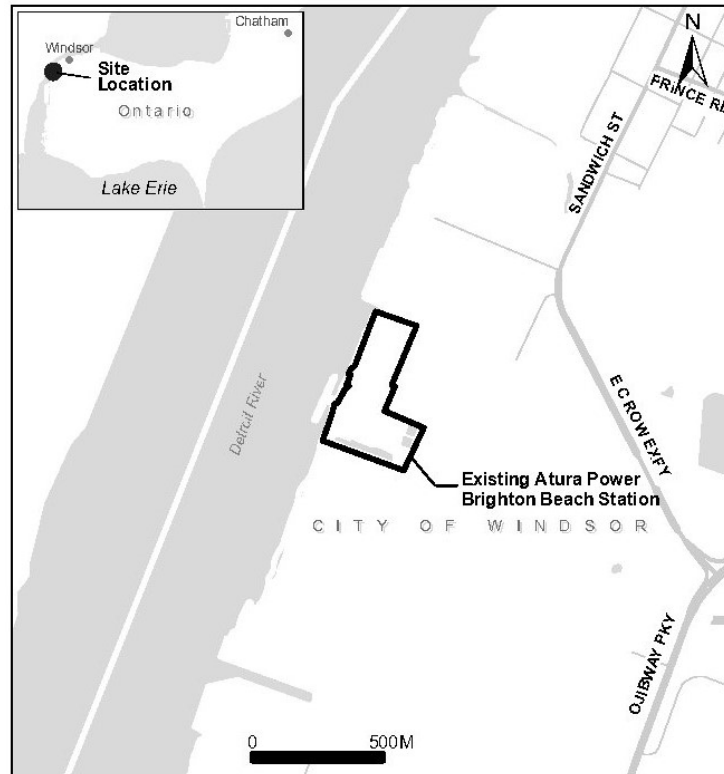
Atura Power is planning to make upgrades which will increase the facility generating contract capacity by an average of 42.5 MW to achieve a total average electrical output contract capacity of 583.75 MW³.

The original proponents of BBGS, a 50/50 limited partnership between ATCO Power Canada Ltd. and OPG, completed an Environmental Review Report in 2001 which concluded that, “the negative net environmental effects of the proposed BBGS, which are considered to be temporary or negligible, are on balance more than offset by the positive contributions of the project to redevelopment of the site area, the contribution of cleaner generation capacity to the electrical grid, and the economic benefits in terms of jobs, taxes and investment to the City of Windsor.” (SENES Consultants Limited, 2001). BBGS began commercial operation in 2004, after conducting an Environmental Review in accordance with the *Guide to Environmental Assessment Requirements for Electricity Projects* (2001) requirements under Ontario Regulation (O.Reg.) 116/01⁴ as published by the Ministry of Environment (now the Ministry of Environment, Conservation, and Parks (MECP)) and obtaining all required construction permits.

³ Project materials released in 2023 note the upgrades to BBGS will increase the facility generating contract capacity by an average of 42.5 MW (from 570 MW to 612.5 MW), based on a winter (Season 1) contract capacity. When accounting for seasonable variability, BBGS generating contract capacity will increase by an average of 42.5 MW but from an average electrical output contract capacity of 541.25 MW to a total average electrical output contract capacity of 583.75 MW.

⁴ In February 2024, the Government of Ontario revoked O.Reg. 116/01, replacing it with O.Reg. 50/24 and made subsequent updates to the *Guide to Environmental Assessment Requirements for Electricity Projects*. See Note to Readers on page iv for more information.

Figure 1-1: Map of Brighton Beach Generating Station



1.2 Purpose of the Project

The Independent Electricity System Operator (IESO) quantified the near-term additional energy supply need in Ontario, stating that an additional 4,000 MW of new capacity is required by May 2027. Procurements for projects capable of meeting the increased energy demand in 2027 will need to be completed in the short-term. Atura Power is prepared to help meet that need and support ratepayers in Ontario through upgrades that will optimise and increase energy generation at BBGS.

1.3 Environmental Assessment Process

1.3.1 Process

The applicable portions of the Environmental Screening Process for Electricity Projects, per O.Reg. 116/01⁵, which define the type of environmental assessment (EA) to be undertaken under the Ontario *Environmental Assessment Act* (the *Act*), are Section 4 (1) and (3).

⁵ In February 2024, the Government of Ontario revoked O.Reg. 116/01, replacing it with O.Reg. 50/24 and made subsequent updates to the *Guide to Environmental Assessment Requirements for Electricity Projects*. See Note to Readers on page iv for more information.

Section 4 (1) states that,

“The planning, designing, establishing, constructing, operating, changing, expanding or retiring of any of the following things is defined as a major commercial or business enterprise or activity and is designated as an undertaking to which the *Act* applies:

[Part] 4. A generation facility that has a name plate capacity of *five megawatts or more* [emphasis added] and that uses biomass or natural gas as its primary power source.” (Government of Ontario, 2021).

Section 4 (3) states that,

“Any expansion of or change in a generation facility, transmission line, transformer station or distribution station that would result in it becoming a thing described in Subsection (1) is defined as a major commercial or business enterprise or activity and is designated as an undertaking to which the *Act* applies” (Government of Ontario, 2021).

Since the BBGS upgrades will result in an increase in the nameplate capacity of more than 5 MW, the *Act* requires that an EA be undertaken in accordance with O.Reg. 116/01, and subsequently, the “*Guide to Environmental Assessment Requirements for Electricity Projects*” (Government of Ontario, 2024) (the Guide) as outlined by the MECP. As such, the EA for the project follows the Environmental Screening Process as described in the Guide, which states that natural gas projects in Ontario are classified into one of three categories based on their generation capacity and anticipated environmental effects:

- **Category A:** Generates less than 5 MW of electricity and has minimal environmental effects. These projects do not require approval under the *Act*.
- **Category B:** Generates 5 MW of electricity or more and has potential environmental effects that can be mitigated. These projects require an Environmental Screening Process or a Class EA.
- **Category C:** Major projects with known environmental effects. These projects require an Individual EA.

Given that the upgrades will increase the nameplate capacity of BBGS (i.e., the average contract capacity) by 42.5 MW (to 583.75 MW from 541.25 MW), generating an increase greater than 5 MW, the project is classified as a Category B project and triggers an Environmental Screening Process, which is a proponent-driven, self-assessment process.

Under the Environmental Screening Process, there are two possible stages of review depending on the environmental effects of a project:

- **Screening stage**, and
- **Environmental Review stage**.

The difference between the two stages of review is the level of detail included in the assessment. The Environmental Review stage involves more detailed study and is typically undertaken based

on the environmental effects of a project and the proponent's ability to address potential concerns. The limited scale and nature of the undertaking (i.e., all activities to complete the upgrades will occur within the existing facility), determined that the BBGS upgrades will be undertaken as a Screening stage assessment.

The Screening stage involves the following steps (refer to Figure 2 of the Guide for more detail):

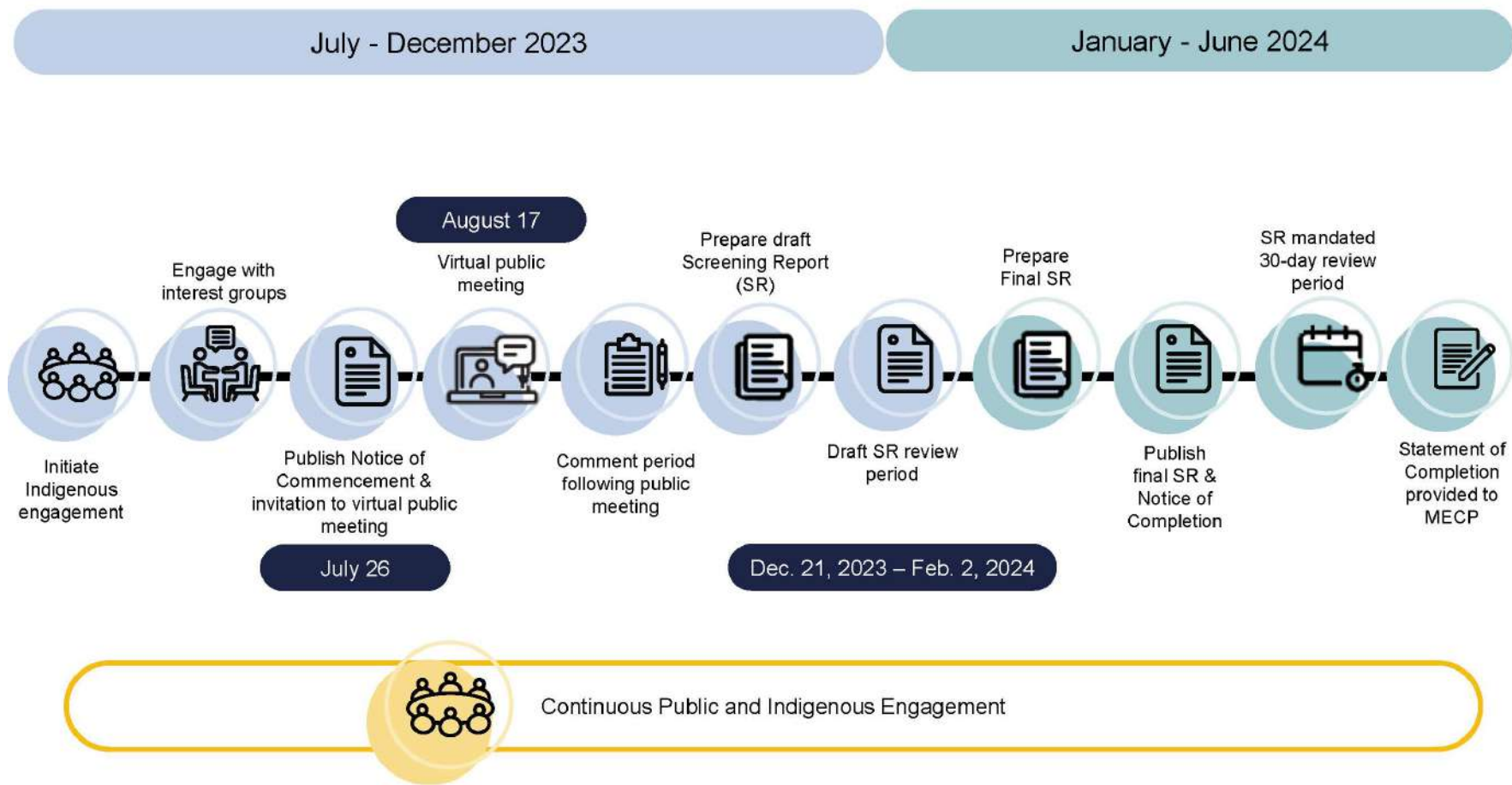
- Publish a Notice of Commencement of a Screening
- Prepare a Project Description
- Apply Screening Criteria to identify potential negative environmental effects
- Engage Indigenous communities, agencies and the public to identify any issues or concerns
- Assess potential negative environmental effects, develop mitigation and impact management, engage and address issues and concerns
- Prepare a Screening Report
- Publish Notice of Completion of Screening Report and commence a 30-day review period
- Submit a Statement of Completion

1.3.2 Timelines

Atura Power commenced the Environmental Screening Process by initiating Indigenous engagement in early July 2023, prior to distributing the Notice of Commencement. This included sharing preliminary project details with Indigenous communities during meetings regarding a separate project being undertaken by Atura Power. The Notice of Commencement was published on Jul. 26, 2023, to notify the general public about the project, and a virtual public meeting was held on Aug. 17, 2023. Further details on engagement activities for the project are provided in **Section 4**. The draft Screening Report was shared with Indigenous communities, key agencies, municipal staff and elected officials, and interested members of the public for review from Dec. 21, 2023, to Feb. 2, 2024. Comments received on the draft Screening Report were responded to and incorporated where applicable into this final Screening Report, which was prepared in April 2024 and released in May 2024. As stipulated in the Guide, a Notice of Completion was prepared and released alongside the final Screening Report in May 2024, commencing the 30-day mandatory review period.

Figure 1-2 provides a summary of the key project milestones undertaken to fulfill the requirements of the Environmental Screening Process.

Figure 1-2: Key Project Milestones

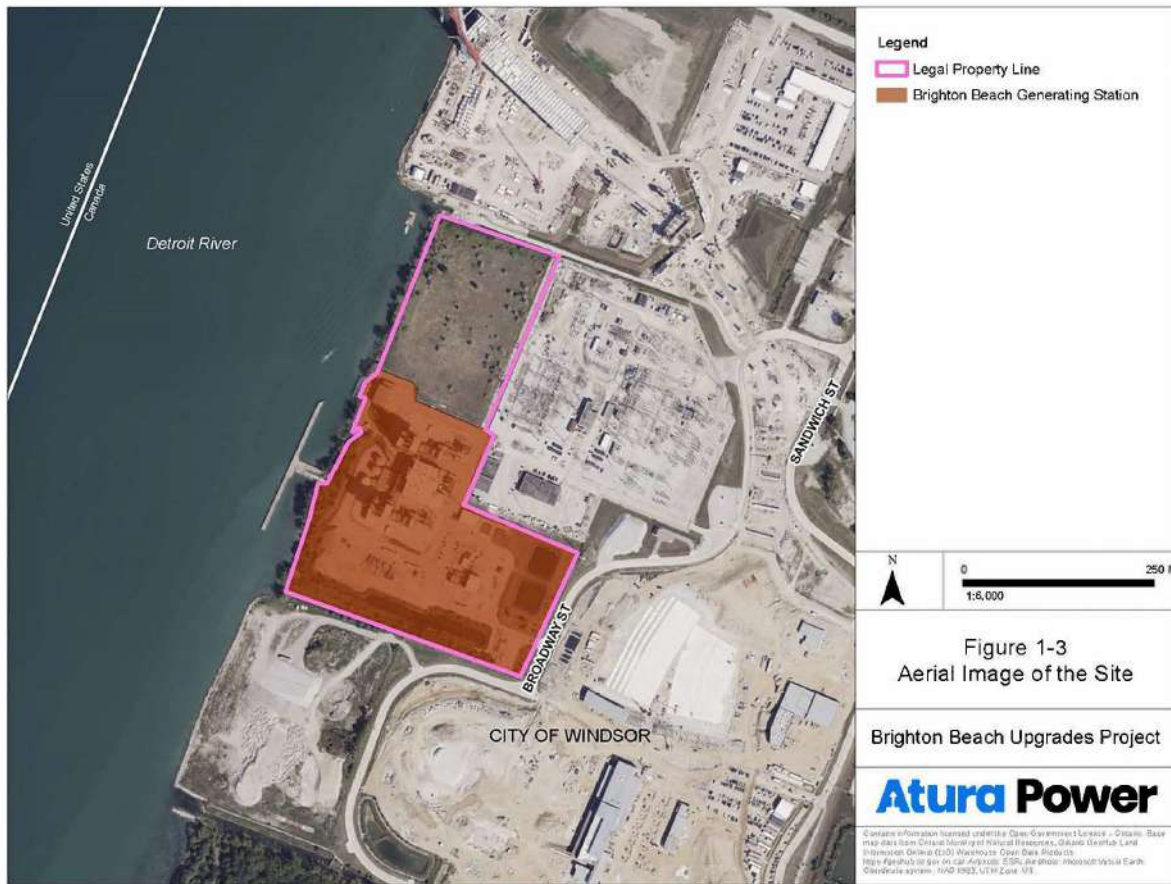


1.4 Project Description

Atura Power is planning to make upgrades to its existing facility by replacing internal parts of the natural gas fired combustion turbines with more efficient parts that will result in greater electrical output from the gas turbine generators. The parts that are being replaced are the same parts that would normally be replaced during regular maintenance overhauls, but due to improved technology, will be more efficient. Better materials are used to manufacture the parts, and these can withstand a higher operating temperature and therefore produce more power. The advanced materials and the optimised cooling flows enable the engine to run at higher operating temperatures and use fuel more effectively, allowing for a higher power output per gigajoule (GJ) of fuel consumed. In addition, the control system will be upgraded to further enhance the performance. The steam turbine generator is not being modified and the steam turbine output will not increase; however, the upgrades to the gas turbines will also increase the exhaust energy from the gas turbines which will result in less duct firing being required for the same steam turbine output, resulting in improved efficiency of the plant.

The planned upgrades will be completed as part of the annual spring plant outage in 2025 and will take approximately seven to eight weeks to disassemble, replace parts and reassemble the gas turbines. There are two units, and they will be completed simultaneously. The project will take place entirely within the facility (**Figure 1-3**). The facility footprint will not change, and no additional external laydown areas will be required.

Figure 1-3: Aerial Image of Brighton Beach Generating Station



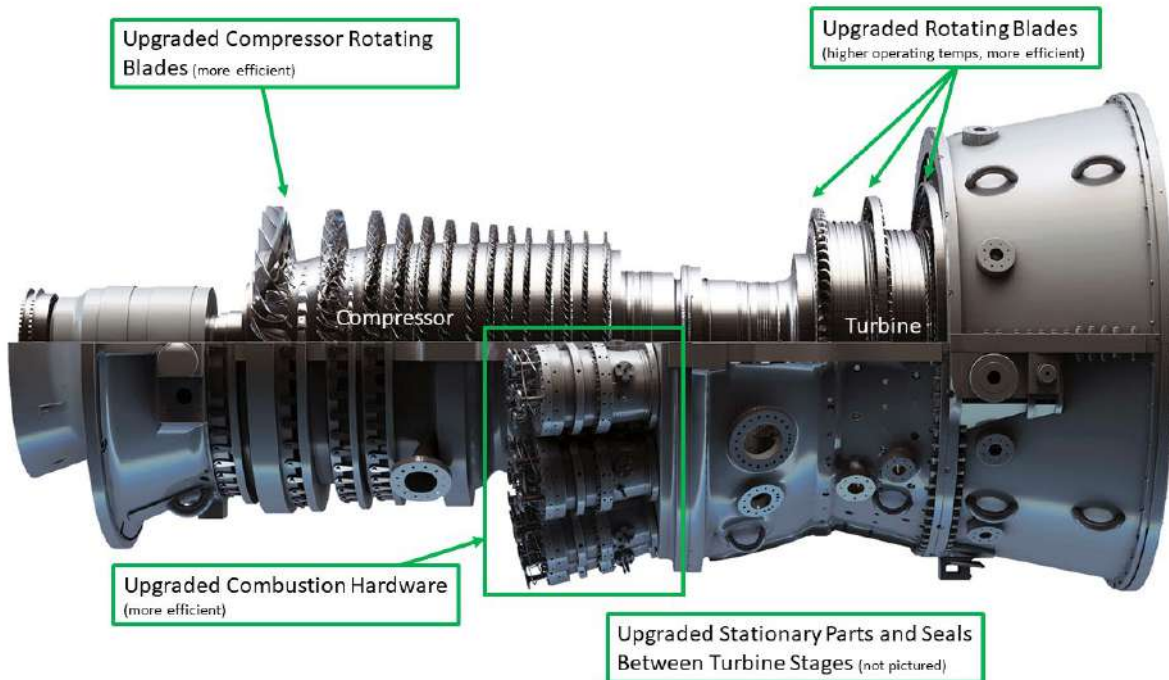
1.5 Project Parts and Activities

1.5.1 Project Parts

The planned project consists of replacing the existing parts within the turbines with new, improved parts made of materials with optimised heating and cooling characteristics that will allow operating at a higher temperature. This will increase the output of the gas turbine and therefore increase the electrical output of BBS by an average electrical output contract capacity of 42.5 MW.

Figure 1-4 illustrates the parts which will be replaced on both gas turbines currently located within BBS:

Figure 1-4: Parts to be Upgraded



The upgrades, including both the replaced parts of the turbine detailed in **Figure 1-4** as well as the parts being installed in the compressor extraction lines and the control system upgrade, will include the following:

AGP Tech Package – Advanced Gas Path (AGP)

- AGP Stage 1 Nozzle Kit and Support Ring
- AGP Stage 2 and 3 Nozzle Kits
- AGP Stage 1, 2, and 3 Bucket Kits
- AGP Stage 1, 2, and 3 Shroud Kits
- Cooling and sealing air orifice modification
- Installation and modification documents
- Firing temperature increase and revised Model Based Control software changes (formerly known as control curve change)
- 7FA.04 length 1AO, 2FO, 2AO wheelspace thermocouples
- 7F AGP Tech Stage 2 and 3 Bucket Kits

DLN 2.6+ GO Combustion System

- ML A033 Major Disassembly Tool Kit
- ML 0513 Gas-Only Fuel Nozzle Assembly
- ML 0572 Fuel Gas Emergency Stop Valve

- ML 0701 Combustion Chamber Arrangement
- ML 0702 Transition Piece Assembly
- ML 0703 Combustion Liner Arrangement
- ML 0717 Transition Piece Arrangement Combustion
- ML 0719 Aft Combustion Case Arrangement
- ML 0726 Combustion Tuning Piping
- ML 1214 Spark Plug Assembly

7FA.04 Extended Turndown Valves

Control System Upgrades

- OpFlex Balanced Enhanced Transient Stability (ETS)
- OpFlex Auto-Tune
- OpFlex Cold Day Performance
- Variable IGV Angle Optimisation
- Combustion Dynamics Monitoring (CDM) – Dual
- OpFlex Variable Peak Load

1.5.2 Activities

The upgrade-specific work will take approximately seven to eight weeks to complete and will take place during a standard major inspection in the spring of 2025. At this time specialised crews of skilled trades staff will disassemble the gas turbines, replace the existing parts with new ones, and reassemble the gas turbines. Project activities are anticipated to include site preparation, transportation of equipment and parts, replacement of parts, and returning the used parts back to the original equipment manufacturer. The facility will be shut down for this work. Once back in service, there will be no change to continued operations.

Table 1-1 summarises the anticipated schedule to complete the planned upgrades.

Table 1-1: Project Schedule

Activity	Timeline
IESO Contract Award	Announced May 16, 2023
Environmental Compliance Approval Amendment	To be Submitted Q2 2024
Environmental Screening Process	Fall 2023 to Spring 2024
Turbine Upgrades	Spring 2025
Commissioning & Testing	Spring 2025
Operations	Spring/Summer 2025 Onwards

1.6 Report Organisation

This Screening Report documents the Environmental Screening Process undertaken for the project and is organised as follows:

- **Section 1** – Introduction
- **Section 2** – Permits and Approvals
- **Section 3** – Environmental Screening
- **Section 4** – Engagement
- **Section 5** – Environmental Advantages and Disadvantages
- **Section 6** – References

The report also includes the following appendices which provide supplemental detail:

- **Appendix A** – Letters from General Electric (GE)
- **Appendix B** – Engagement Records
- **Appendix C** – Comments on Draft Screening Report

2. Permits and Approvals

2.1 Environmental Compliance Approval (Air/Noise)

An Environmental Compliance Approval (ECA) is required for air and noise emissions from the facility as required under Section 9 of Ontario's *Environmental Protection Act* (EPA). BBGS currently operates under ECA (air and noise) number 5175-ALBPAC issued May 16, 2017. Given that the facility upgrades will increase the output capacity of the facility an amendment to the ECA is required and will be submitted in Q2 2024.

2.2 Ontario Environmental Assessment Act

As noted in **Section 1.3** of this report, the planned upgrades at BBGS are subject to the Environmental Screening Process for Electricity Projects pursuant to O.Reg. 116/01⁶ under the *Act*. The upgrades will result in an increase in the nameplate capacity of more than 5 MW (to an output of 583.75 MW from the current 541.25 MW), classifying it as a Category B project under the Environmental Screening Process. This Screening Report addresses the requirements, and documents the results, of the Environmental Screening Process.

2.3 Other Permits and Approvals

Given that the upgrades will occur within the existing facility and no ground disturbance is required, no additional environmental permits and approvals will be required.

⁶ In February 2024, the Government of Ontario revoked O.Reg. 116/01, replacing it with O.Reg. 50/24 and made subsequent updates to the *Guide to Environmental Assessment Requirements for Electricity Projects*. See Note to Readers on page iv for more information.

3. Environmental Screening

3.1 Existing Conditions

BBGS is an industrial facility and the activities to complete the upgrades will take place entirely within the existing facility, on previously developed land, and will require no physical changes to the BBGS footprint. According to the City of Windsor Official Plan, the project is planned within the Ojibway planning district on lands designated as a “waterfront port” which is “intended to provide the main locations for port related employment activities along the waterfront” (City of Windsor, 2023). Uses permitted in the waterfront port include “industrial and business uses which require direct water access, multi-modal transportation facilities, docking facilities or dry docks.” Additionally, Schedule C of the Official Plan: Development Constraints identifies that the northwestern edge of project site is located within a shoreline and flood prone area and provides considerations for proposed developments in Chapter 5.4.7 of the Official Plan.

The project is located in an area regulated by the Essex Region Conservation Authority as it is located in a Significant Groundwater Recharge Area (SGRA) (Essex Region Conservation Authority, 2023) and Surface Water Intake Protection Zone (IPZ) 3 (MECP, 2023a). SGRAs identify areas where groundwater may be susceptible to contamination, however, there are no mandatory policies related to these areas because groundwater is not used to supply municipal water treatment plants (Essex Region Conservation Authority, 2021). IPZs describe areas where run-off from streams or drainage systems could carry contaminants and potentially impact the source water at municipal drinking water intakes. Mandatory policies apply in the IPZ areas closest to an intake where a spill would pose the greatest threat (IPZ-1) or areas just beyond the IPZ-1 (IPZ-2). The project is located in IPZ-3, which extends outward from the IPZ-2 and includes setbacks from streams or drainage systems where necessary (Essex Region Conservation Authority, 2021).

The project site is located on lands subject to the *Provincial Policy Statement* (Government of Ontario, 2020a). The *Provincial Policy Statement* provides policy direction on matters of provincial interest related to land use and development (Government of Ontario, 2020a). Section 1.6.11.1 of the *Provincial Policy Statement* provides a policy specifically related to energy supply and electricity generation:

“Planning authorities should provide opportunities for the development of energy supply including electricity generation facilities and transmission and distribution systems, district energy, and renewable energy systems and alternative energy systems, to accommodate current and projected needs.”

(Government of Ontario, 2020a)

The project site is not located on lands subject to the *Oak Ridges Moraine Conservation Plan* (2017), *Lake Simcoe Protection Plan* (2009), *Niagara Escarpment Plan* (2017), *Greenbelt Plan* (2023), *Growth Plan for Northern Ontario* (2011) or *A Place to Grow: Growth Plan for the Greater Golden Horseshow* (Government of Ontario, 2020b).

3.2 Rationale for Effects Assessment

Appendix B of the Guide includes a Screening Criteria Checklist that needs to be applied to every project subject to the Environmental Screening Process (see **Section 3.4**). As the proponent, Atura Power is required to identify potential negative environmental effects resulting from the project as it relates to each screening criterion based on current knowledge or preliminary investigations.

The Screening Criteria used to identify potential negative effects of the project are listed under the following categories:

1. Surface and ground water
2. Land
3. Air and noise
4. Natural environment
5. Resources
6. Socio-economics
7. Heritage and culture
8. Indigenous communities
9. Other (including wastes)

As demonstrated in **Sections 3.3** and **3.4** Atura Power is confident that there will be no potential for negative effects associated with the Screening Criteria under the nine categories listed above and no further studies are needed.

3.3 Environmental Effects Assessments

The Guide states that, in cases where there is uncertainty about the project's potential for negative effects pertaining to a select criterion within any of the nine categories, further studies may be undertaken to accurately identify and understand the potential for effects. As mentioned above, no further studies are needed as there are no identified negative environmental effects from the project related to the Screening Criteria. All planned project activities will occur within the footprint of the existing facility. Additionally, letters from General Electric (GE) Gas Power Services, the manufacturer of the equipment being installed for the upgrades, stated that the upgrades to the turbine generator "will maintain [air] emissions levels at or below site permit levels" and that the upgrades are "not expected to increase noise levels from the facility." As such, air and noise assessments are not needed and have not been undertaken for the project. Copies of the GE Gas Power Services letters are provided in **Appendix A**.

3.3.1 MECP Areas of Interest

In a letter to Atura Power dated Aug. 16, 2023, the MECP requested consideration of the ministry's "Areas of Interest" (v. Aug. 2022) with respect to the environmental effects associated with the

project and consequent Environmental Screening Process. Although no additional studies are required, **Table 3-1** provides Atura Power's consideration of these MECP Areas of Interest as they relate to the project.

Table 3-1: Consideration of MECP's Areas of Interest

MECP's Area of Interest	Consideration in Relation to the Project
<p>Planning and Policy</p> <p>Applicable plans and policies should be identified in the report, and the proponent should describe how the proposed project adheres to the relevant policies in these plans.</p> <ul style="list-style-type: none"> Projects located in MECP Central, Eastern or West Central Region may be subject to <i>A Place to Grow: Growth Plan for the Greater Golden Horseshoe</i> (Government of Ontario, 2020b). Projects located in MECP Central or Eastern Region may be subject to the <i>Oak Ridges Moraine Conservation Plan</i> (2017) or the <i>Lake Simcoe Protection Plan</i> (2014). Projects located in MECP Central, Southwest or West Central Region may be subject to the <i>Niagara Escarpment Plan</i> (2017). Projects located in MECP Central, Eastern, Southwest or West Central Region may be subject to the <i>Greenbelt Plan</i> (2017). Projects located in MECP Northern Region may be subject to the <i>Growth Plan for Northern Ontario</i> (2011). <p>The <i>Provincial Policy Statement</i> (2020) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the report, and the proponent should describe how the proposed project is consistent with these policies.</p> <p>In addition to the provincial planning and policy level, the report should also discuss the planning context at the municipal and federal levels, as appropriate.</p>	<p>The project complies with existing provincial, municipal and federal plans and policies. See Section 3.1 for additional details.</p>
<p>Source Water Protection</p> <p>The <i>Clean Water Act</i> (2006) (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), SGRAs, Event-Based Modelling Areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.</p> <p>Projects that are subject to the <i>Environmental Assessment Act</i> that fall under a Class EA, or one of the Regulations, have the potential to impact sources of drinking water if they occur in designated vulnerable areas or in the vicinity of other at-risk drinking water systems (i.e., systems that are not municipal residential systems). Projects may include activities that, if located in a</p>	<p>According to the Source Protection Information Atlas (MECP, 2023a), the project site is located within the Essex Source Protection Area (SPA). Source protection details for the project site, as of Mar. 27, 2024, are as follows (see below):</p> <ul style="list-style-type: none"> - Source Protection Area: Essex - Wellhead Protection Area: No - Wellhead Protection Area (WHPA-E): No - Intake Protection Zone: 3 - Issue Contributing Area: No - Significant Groundwater Recharge Area: Yes; score is 2 - Highly Vulnerable Aquifer: No - Event Based Area: Yes (For type: Stored/Transported Fuel/Oil Spill)

MECP's Area of Interest	Consideration in Relation to the Project
<p>vulnerable area, could be a threat to sources of drinking water (i.e., have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.</p> <ul style="list-style-type: none"> • The proponent should identify the source protection area and should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed. Specifically, the report should discuss whether or not the project is located in a vulnerable area and provide applicable details about the area. • If located in a vulnerable area, proponents should document whether any project activities are prescribed drinking water threats and thus pose a risk to drinking water (this should be consulted on with the appropriate Source Protection Authority). Where an activity poses a risk to drinking water, the proponent must document and discuss in the report how the project adheres to or has regard to applicable policies in the local source protection plan. This section should then be used to inform and be reflected in other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc. • While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems. • In order to determine if this project is occurring within a vulnerable area, proponents can use Source Protection Information Atlas, which is an online mapping tool available to the public. Note that various layers (including WHPAs, WHPA-Q1 and WHPA-Q2, IPZs, HVAs, SGRAs, EBAs, ICAs) can be turned on through the "Map Legend" bar on the left. The mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area. • For further information on the maps or source protection plan policies which may relate to their project, proponents must contact the appropriate source protection authority. Please consult with the local source protection authority to discuss potential impacts on drinking water. Please document the results of that consultation within the report and include all communication documents/correspondence. 	<ul style="list-style-type: none"> - Wellhead Protection Area: Q1: No - Wellhead Protection Area Q2: No - Intake Protection Zone Q: No <p>The planned project will occur within the existing facility and as such, pose no risk to drinking water supplies.</p>

MECP's Area of Interest	Consideration in Relation to the Project
<p><u>More Information</u> For more information on the <i>Clean Water Act</i>, source protection areas and plans, including specific information on the vulnerable areas and drinking water threats, please refer to Conservation Ontario's website where you will also find links to the local source protection plan/assessment report.</p> <p>A list of the prescribed drinking water threats can be found in Section 1.1 of Ontario Regulation 287/07 made under the <i>Clean Water Act</i>. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional "local" threat activities, as approved by the MECP.</p>	
<p>Climate Change</p>	
<p>The document "Considering Climate Change in the Environmental Assessment Process" (Guide) is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MECP's expectation for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide provides examples, approaches, resources, and references to assist proponents with consideration of climate change in their study. Proponents should review this Guide in detail.</p> <ul style="list-style-type: none"> • The MECP expects proponents of projects under a Class EA or <i>Environmental Assessment Act</i> Regulation to: <ol style="list-style-type: none"> 1. Consider during the assessment of alternative solutions and alternative designs, the following: <ol style="list-style-type: none"> a. the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation); and b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation). 2. Include a discrete section in the report detailing how climate change was considered in the EA. <p>How climate change is considered can be qualitative or quantitative in nature and should be scaled to the project's level of environmental effect. In all instances, both a project's impacts on climate change (mitigation) and impacts of climate change on a project (adaptation) should be considered. Please ensure climate change is considered in the report.</p> <ul style="list-style-type: none"> • The MECP has also prepared another guide to support provincial land use planning direction related to the completion of energy and emission plans. The "Community Emissions Reduction Planning: A Guide for Municipalities" document is designed to 	<p>The IESO is moving forward with a procurement process to meet near, medium, and long-term energy needs while maintaining the province's focus on cost-effective reliability. Part of this process is the province's request for upgrades to increase electricity production at existing facilities. Atura Power is responding to this need identified by the IESO through the contract awarded by the IESO as part of the competitive Expedited Long-Term Request for Proposal (E-LT1-RFP), in May 2023. Given the recommendations of the IESO and government initiatives, other alternatives were not considered as part of the project, nor are they required as part of the Screening Process being followed for the project.</p> <p>The upgrades involve replacing rotating and non-rotating parts within the gas turbines (blades, seals, nozzles, etc.). These upgraded parts are more efficient due to the advanced materials used to allow the turbines to run hotter and more fuel efficiently, extracting the maximum amount of power possible.</p> <p>After the upgrade, the plant's thermal efficiency will increase due to a reduced heat rate (British thermal unit/kilowatt-hour (BTU/kWh)). This means that the same amount of fuel used will produce more power after the upgrades.</p> <p>The net heat rate of the gas turbine generators (i.e., kilojoules/kilowatt-hours (kJ/kWh) higher heating value) is</p>

MECP's Area of Interest	Consideration in Relation to the Project
<p>educate stakeholders on the municipal opportunities to reduce energy and greenhouse gas emissions, and to provide guidance on methods and techniques to incorporate consideration of energy and greenhouse gas emissions into municipal activities of all types. We encourage you to review the Guide for information.</p>	<p>expected to reduce by approximately 2% at baseload and 15 degrees Celsius (°C) ambient temperature, following the upgrades. The greenhouse gas intensity (i.e., the ratio of carbon dioxide (CO₂) equivalent emissions to total electricity generation) of the facility is also expected to reduce by approximately 2%.</p>
<p>Air Quality, Dust and Noise</p>	
<p>If there are sensitive receptors in the surrounding area of this project, a quantitative air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterisation and a quantification of local air quality impacts on the sensitive receptors and the environment in the study area. The assessment will compare to all applicable standards or guidelines for all contaminants of concern. Please contact this office for further consultation on the level of Air Quality Impact Assessment required for this project if not already advised.</p> <p>If a quantitative Air Quality Impact Assessment is not required for the project, the MECP expects that the report contain a qualitative assessment which includes:</p> <ul style="list-style-type: none"> • A discussion of local air quality including existing activities/sources that significantly impact local air quality and how the project may impact existing conditions; • A discussion of the nearby sensitive receptors and the project's potential air quality impacts on present and future sensitive receptors; • A discussion of local air quality impacts that could arise from this project during both construction and operation; and • A discussion of potential mitigation measures. <p>As a common practice, "air quality" should be used an evaluation criterion for all road projects.</p> <p>Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.</p> <p>The MECP recommends that non-chloride dust-suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be applied, refer to <i>Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities</i> report prepared for Environment Canada (March 2005).</p>	<p>GE Gas Power Services, the manufacturer of the equipment being installed for the upgrades, provided a letter dated May 26, 2023, stating that the upgrades to the turbine generator "will maintain [air] emissions levels at or below site permit levels." Similarly, GE Gas Power Services further stated in a letter dated Mar. 30, 2023, that the upgrades are "not expected to increase noise levels from the facility."</p> <p>Copies of the GE Gas Power Services letters are provided in Appendix A.</p> <p>The facility will continue to operate within all environmental permitting requirements.</p> <p>The planned project will not require works outdoors and no dust or noise control measures are required during installation.</p>

MECP's Area of Interest	Consideration in Relation to the Project
<p>The report should consider the potential impacts of increased noise levels during the operation of the completed project. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.</p>	
<p>Ecosystem Protection and Restoration</p>	
<p>Any impacts to ecosystem form and function must be avoided where possible. The report should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.</p> <p>Natural heritage and hydrologic features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. The following sensitive environmental features may be located within or adjacent to the study area:</p> <ul style="list-style-type: none"> • Key Natural Heritage Features: Habitat of endangered species and threatened species, fish habitat, wetlands, Areas of Natural and Scientific Interest (ANSIs), significant valleylands, significant woodlands; significant wildlife habitat (including habitat of special concern species); sand barrens, savannahs, and tallgrass prairies; and alvars. • Key Hydrologic Features: Permanent streams, intermittent streams, inland lakes and their littoral zones, seepage areas and springs, and wetlands. • Other natural heritage features and areas such as: vegetation communities, rare species of flora or fauna, Environmentally Sensitive Areas (ESAs), Environmentally Sensitive Policy Areas, federal and provincial parks and conservation reserves, Greenland systems etc. <p>We recommend consulting with the Ministry of Natural Resources and Forestry (MNRF), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features. In addition, for projects located in Central Region you may consider the provisions of the Rouge Park Management Plan if applicable.</p>	<p>The planned project is located within an industrial site and will not require works beyond the footprint of the existing facility. Therefore, the planned project is not expected to have any negative effects on ecosystem forms and functions.</p>
<p>Species at Risk</p>	
<p>The Ministry of the Environment, Conservation and Parks has now assumed responsibility of Ontario's Species at Risk program. Information, standards, guidelines, reference materials and technical resources to assist you are found at https://www.ontario.ca/page/species-risk.</p> <p>The Client's Guide to Preliminary Screening for Species at Risk (Draft May 2019) has been attached to the covering email for your reference and use. Please review this document for next steps.</p> <p>For any questions related to subsequent permit requirements, please contact SAROntario@ontario.ca.</p>	<p>The planned project is located within an industrial site and will not require works beyond the footprint of the existing facility. Therefore, the planned project is not expected to have any negative effects on Species at Risk (SAR).</p>

MECP's Area of Interest	Consideration in Relation to the Project
<p>Surface Water</p>	
<p>The report must include enough information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g., spills, erosion, pollution) are mitigated as part of the proposed undertaking.</p> <p>Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's Stormwater Management Planning and Design Manual (2003) should be referenced in the report and utilised when designing stormwater control methods. A Stormwater Management Plan should be prepared as part of the Environmental Screening Process that includes:</p> <ul style="list-style-type: none"> • Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained • Watershed information, drainage conditions, and other relevant background information • Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works • Information on maintenance and monitoring commitments. <p>Any potential approval requirements for surface water taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the <i>Ontario Water Resources Act</i> (OWRA) will be required for any water takings that exceed 50,000 Litres (L)/day, except for certain water taking activities that have been prescribed by the Water Taking Environmental Activity and Sector Registry (EASR) Regulation – <i>O.Reg. 63/16</i>. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the Water Taking User Guide for EASR for more information. Additionally, an ECA under the OWRA is required for municipal stormwater management works.</p>	<p>The planned project will not affect the permeability or gradient of existing surfaces, as the project will not require works beyond the footprint of the existing facility. Therefore, the potential for negative effects to surface water from stormwater runoff due to the project are not different from the existing situation.</p>
<p>Groundwater</p>	
<p>The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the report.</p>	<p>The planned project does not involve groundwater takings or changes to drainage patterns. The project will not require works beyond the footprint of the existing facility, and as such the potential for negative effects on groundwater are no different than the existing situation.</p>

MECP's Area of Interest	Consideration in Relation to the Project
<p>If the potential construction or decommissioning of water wells is identified as an issue, the report should refer to Ontario Regulation 903, Wells, under the OWRA.</p> <p>Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.</p> <p>Any potential approval requirements for groundwater taking or discharge should be identified in the report. A PTTW under the OWRA will be required for any water takings that exceed 50,000 L/day, with the exception of certain water taking activities that have been prescribed by the Water Taking EASR Regulation – O.Reg. 63/16. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the Water Taking User Guide for EASR for more information.</p> <p>Consultation with the railroad authorities is necessary wherever there is a plan to use construction dewatering in the vicinity of railroad lines or where the zone of influence of the construction dewatering potentially intercepts railroad lines.</p>	
Excess Materials Management	
<p>In December 2019, MECP released a new regulation under the EPA, titled “On-Site and Excess Soil Management” (O.Reg. 406/19) to support improved management of excess construction soil. This regulation is a key step to support proper management of excess soils, ensuring valuable resources don’t go to waste and to provide clear rules on managing and reusing excess soil. New risk-based standards referenced by this regulation help to facilitate local beneficial reuse which in turn will reduce greenhouse gas emissions from soil transportation, while ensuring strong protection of human health and the environment. The new regulation is being phased in over time, with the first phase in effect on Jan. 1, 2021. For more information, please visit https://www.ontario.ca/page/handling-excess-soil.</p> <p>The report should reference that activities involving the management of excess soil should be completed in accordance with O.Reg. 406/19 and the MECP’s current guidance document titled “Management of Excess Soil – A Guide for Best Management Practices” (2014).</p> <p>All waste generated during construction must be disposed of in accordance with ministry requirements.</p>	<p>The planned project will not require works beyond the footprint of the existing facility, and as such will not produce excess soil.</p> <p>Regarding waste, the replaced parts will become the property of the original equipment manufacturer and will be refurbished or recycled.</p>

MECP's Area of Interest	Consideration in Relation to the Project
<p>Contaminated Sites</p>	
<p>Any current or historical waste disposal sites should be identified in the report. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the EPA may be required for land uses on former disposal sites. We recommend referring to the MECP's D-4 guideline for land use considerations near landfills and dumps.</p> <ul style="list-style-type: none"> Resources available may include regional/local municipal official plans and data; provincial data on large landfill sites and small landfill sites; ECA information for waste disposal sites on Access Environment. <p>Other known contaminated sites (local, provincial, federal) in the study area should also be identified in the report (Note – information on federal contaminated sites is found on the Government of Canada's website).</p> <p>The location of any underground storage tanks should be investigated in the report. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.</p> <p>Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with Part XV.1 of the EPA and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. Please contact the appropriate MECP District Office for further consultation if contaminated sites are present.</p>	<p>There are no known current or historical waste disposal sites within the project site according to the MECP landfill sites map (MECP, 2023b). According to the Treasury Board of Canada Secretariat's Federal Contaminated Sites Inventory (n.d.), there is one known contaminated area (site number: 00027533) in the vicinity of the project site (approximately one kilometre (km) away). The status of the site is as follows:</p> <ul style="list-style-type: none"> - Status: Remedial action plan completed. Remediation / risk management underway - Site Status: Active - Classification: Medium Priority for Action <p>The planned project will not disturb soils as the project will not require works below ground. Therefore, the project will not interact with contaminated sites.</p>
<p>Servicing, Utilities and Facilities</p>	
<p>The report should identify any above or underground utilities in the study area such as transmission lines, telephone/internet, oil/gas etc. The owners should be consulted to discuss impacts to this infrastructure, including potential spills.</p> <p>The report should identify any servicing infrastructure in the study area such as wastewater, water, stormwater that may potentially be impacted by the project.</p> <p>Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an ECA before it can operate lawfully. Please consult with MECP's Environmental Permissions Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.</p>	<p>The planned project will not interfere with existing servicing, utilities or facilities as the project will not require works beyond the footprint of the existing facility or require additional servicing.</p> <p>The existing transmission system will be able to manage the additional electrical load produced by the project.</p>

MECP's Area of Interest	Consideration in Relation to the Project
<p>We recommend referring to the ministry's environmental land use planning guides to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.</p>	
<p>Mitigation and Monitoring</p>	
<p>Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the report and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly.</p> <p>Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.</p> <p>The proponent's construction and post-construction monitoring plans must be documented in the report.</p>	<p>No changes to environmental features are expected given that the upgrades will take place within the existing facility and the existing facility footprint will not change. As such, the screening exercise in Section 3.4 identified that, without any mitigation, all regulatory requirements will be met, and no other impact management commitments will be required.</p> <p>Atura Power will continue to manage air emissions from BBGS through ongoing continuous emissions monitoring per the terms and conditions of their ECA.</p>
<p>Consultation</p>	
<p>The report must demonstrate how the consultation provisions of the Environmental Screening Process have been fulfilled, including documentation of all stakeholder consultation efforts undertaken during the planning process. This includes a discussion in the report that identifies concerns that were raised and describes how they have been addressed by the proponent throughout the planning process. The report should also include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments (as directed by the Guide to Environmental Assessment Requirements for Electricity Projects to include full documentation).</p> <p>Please include the full stakeholder distribution/consultation list in the documentation.</p>	<p>A description of engagement undertaken with municipal staff and elected officials, and agencies, and Indigenous communities, including a list of the Indigenous communities engaged during the Environmental Screening Process to date, is provided Section 4. Correspondence records are provided in Appendices B5 and B6, except for records capturing engagement between the project team and Indigenous communities, which have been shared directly with each Indigenous community engaged during the Environmental Screening Process.</p>
<p>Environmental Screening Process</p>	
<p>The purpose of the Environmental Screening Report is to document the process followed and the conclusions reached. It should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making and to allow for its timely review by government agencies, and interested persons, including Indigenous communities.</p> <p>The Environmental Screening Process requires the consideration of the effects of the project on all aspects of the environment (including planning, natural, social, cultural, economic, technical). The report should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments, cultural heritage assessments) such that all potential impacts can be</p>	<p>The requirements of the Environmental Screening Process are documented in Section 1.3 of this report. In addition to the requirements of the Environmental Screening Process, Atura Power voluntarily shared a draft Screening Report with Indigenous communities, key agencies, municipal staff and elected officials, and interested members of the public to offer an additional opportunity for those interested to review the project details, the Environmental Screening Process undertaken for the project, and the assessment findings.</p>

MECP's Area of Interest	Consideration in Relation to the Project
<p>identified, and appropriate mitigation measures can be developed. Any supporting studies conducted during the Environmental Screening Process should be referenced and included as part of the report.</p> <p>There are two possible stages of review required under the Environmental Screening Process, depending on the environmental effects of a project: a Screening stage and an Environmental Review stage.</p> <ul style="list-style-type: none"> • All projects that are subject to the process are required to go through the Screening stage, which requires proponents to apply a series of screening criteria to identify the potential environmental effects of the project. • A more detailed study (an Environmental Review) is required if potential concerns are raised during the Screening stage that could not be readily addressed. <p>Please include in the report a list of all subsequent permits or approvals that may be required for the implementation of the project, including but not limited to, MECP's PTTW, EASR Registrations and ECAs, conservation authority permits, species at risk permits, Ontario Ministry of Transportation (MTO) permits and approvals under the <i>Impact Assessment Act</i>, 2019.</p> <p>Proponents are encouraged to circulate a draft of the Environmental Review Report, or relevant sections of the report, to the appropriate agencies and key stakeholders for comment prior to the formal review periods.</p> <p>Ministry guidelines and other information related to the issues above are available at http://www.ontario.ca/environment-and-energy/environment-and-energy. We encourage you to review all the available guides and to reference any relevant information in the report.</p>	<p>Comments received on the draft Screening Report were responded to and incorporated into this final Screening Report, where applicable; these comments and responses are available in Appendix C.</p> <p>Requirements associated with other permits and approvals are documented in Section 2.</p>

3.3.2 Ministry of Citizenship and Multiculturalism (MCM) Areas of Interest

In a letter to Atura Power dated Feb. 1, 2024, the Ministry of Citizenship and Multiculturalism (MCM) requested consideration of two areas of interest with respect to the Cultural Heritage Environment associated with the project and consequent Environmental Screening Process. The two areas of interest MCM identified include Archaeological Resources and Built Heritage Resources and Cultural Heritage Landscapes.

Table 3-2 provides Atura Power's consideration of these MCM areas of interest as they relate to the project.

Table 3-2: Consideration of MCM's Areas of Interest

MCM's Area of Interest	Consideration in Relation to the Project
Archaeological Resources	
<p>Under the EA process, projects should be screened using the Ministry's <i>Criteria for Evaluating Archaeological Potential</i> to determine if an archaeological assessment is needed. MCM archaeological sites data are available at archaeology@ontario.ca.</p> <p>If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) shall be undertaken by an archaeologist licenced under the <i>Ontario Heritage Act</i> (OHA), who is responsible for submitting the report directly to MCM for review during this planning phase.</p> <p>Any further recommended archaeological assessments (e.g., Stage 2,3,4) should be completed as early as possible during detailed design and prior to any ground disturbing activities.</p>	<p>The planned upgrades do not require storage, staging and working areas, or temporary roads or detours beyond the facility footprint. All project activities will take place entirely within the facility.</p> <p>Since the facility footprint will not change, and the planned upgrades will not require any development beyond the facility footprint, the project was not screened against the Ministry's <i>Criteria for Evaluating Archaeological Potential</i>. MCM is aware of this approach and copies of correspondence on this matter between Atura Power and MCM can be found in Appendix B6b.</p>
Built Heritage Resources and Cultural Heritage Landscapes	
<p>The Ministry's <i>Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</i> should be completed to help determine whether this EA project may impact known or potential built heritage resources and/or cultural heritage landscapes.</p> <p>If there is potential for built heritage resources and/or cultural heritage landscapes on the property or within the project area, a Cultural Heritage Evaluation Report (CHER) should be undertaken by a qualified person to determine the cultural heritage value or interest of the project area. If the project area is determined to be of cultural heritage value or interest and alterations or development is proposed, MCM recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, be completed to assess potential project impacts as early as possible during detailed design prior to any construction activity. CHERs (and HIAs if recommended) should be sent to MCM and the City of Windsor heritage planning staff for review and comment and be made available to local organisations or individuals who have expressed interest in review.</p>	<p>The screening checklist, <i>Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</i>, developed by the MCM, was completed as part of the Environmental Screening Report (see Appendix B6b) which determined that the study area has low potential for built heritage resources and cultural heritage landscapes. Therefore, no technical cultural heritage studies have been undertaken.</p>

3.4 Review of Screening Criteria

The Screening Criteria Checklist as presented in Appendix B of the Guide provides the following questions that must be answered with ‘Yes’ or ‘No’ based on whether the project has potential for negative effects on these criteria prior to any mitigation being applied. Additional information is also provided to support the selected response. Each criterion is based on a question which is prefaced with the phrase: “Will the project...”

1. Surface and Ground Water

Criterion	Yes	No	Additional Information
1.1 have negative effects on surface water quality, quantities or flow?		X	The planned project will not have any effects on the Detroit River or surrounding surface water sources. Surface water quality, quantities or flow will not be affected by project activities.
1.2 have negative effects on ground water quality, quantity or movement?		X	The planned project will not have any effects on ground water quality or quantity as project activities will not require water taking or changing water drainage at the existing BBGS facility.
1.3 cause significant sedimentation, soil erosion or shoreline or riverbank erosion on or off site?		X	All planned project activities will occur within the existing BBGS footprint and will not require soil movement.
1.4 cause potential negative effects on surface or ground water from accidental spills or releases to the environment?		X	All planned project activities will occur within the existing BBGS footprint within an industrial area and away from water resources. If an accidental spill occurred, it would be within the plant and existing spills management protocols will be undertaken to report and clean the spill.

2. Land

Criterion	Yes	No	Additional Information
2.1 have negative effects on residential, commercial or institutional land uses within 500 metres (m) of the site?		X	All planned project activities will occur within the existing BBGS footprint.
2.2 be inconsistent with the <i>Provincial Policy Statement</i> , provincial land use or resource management plans?		X	The planned project is consistent with Section 1.6.11.1 of the <i>Provincial Policy Statement</i> . Provincial land use will not change as a result of the project. The project is being undertaken in response to the IESO’s plan to meet Ontario’s energy needs.
2.3 be inconsistent with municipal land use policies, plans and zoning by-laws?		X	The planned project is consistent with municipal land use policies and zoning amendments will not be required as a result of the project.

Criterion	Yes	No	Additional Information
			The project is located on lands designated as waterfront port.
2.4 use hazard lands or unstable lands subject to erosion?		X	All planned project activities will occur within the existing BBGS footprint and will not affect hazard lands or unstable lands.
2.5 have potential negative effects related to the remediation of contaminated land?		X	The planned project works will not require remediation of contaminated land.

3. Air and Noise

Criterion	Yes	No	Additional Information
3.1 have negative effects on air quality due to emissions of nitrogen dioxide, sulphur dioxide, suspended particulates, or other pollutants?		X	GE Gas Power Services, the manufacturer of the equipment being installed for the upgrades, provided a letter dated May 26, 2023, stating that the upgrades to the turbine generator “will maintain [air] emissions levels at or below site permit levels.” A copy of the GE Gas Power Services letter can be found in Appendix A . The facility will continue to operate within all environmental permitting requirements.
3.2 cause negative effects from the emission of greenhouse gases (CO₂, methane)?		X	Planned project works will improve the efficiency of the gas turbines and as a result will reduce the greenhouse gas intensity (i.e., the ratio of CO ₂ equivalent emissions to total electricity generation) of the facility.
3.3 cause negative effects from the emission of dust or odour?		X	The project will not have effects from the emissions of dust or odour.
3.4 cause negative effects from the emission of noise?		X	GE Gas Power Services, the manufacturer of the equipment being installed for the upgrades, provided a letter dated Mar. 30, 2023, stating that the upgrades are “not expected to increase noise levels from the facility.” A copy of the GE Gas Power Services letter can be found in Appendix A . The facility will continue to operate within all environmental permitting requirements.

4. Natural Environment

Criterion	Yes	No	Additional Information
4.1 cause negative effects on rare, threatened or endangered species of flora or fauna or their habitat?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. Atura Power has procedures in place if rare, threatened or endangered species are encountered.
4.2 cause negative effects on protected natural areas such as ANSIs, ESAs or other significant natural areas?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on protected natural areas such as ANSIs, ESAs or other significant natural areas will occur.
4.3 cause negative effects on wetlands?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on wetlands will occur.
4.4 have negative effects on wildlife habitat; populations, corridors or movement?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on wildlife habitat, populations, corridors or movement will occur.
4.5 have negative effects on fish or their habitat, spawning, movement or environmental conditions (e.g., water temperature, turbidity, etc.)?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on fish or their habitat, spawning, movement or environmental conditions will occur.
4.6 have negative effects on migratory birds, including effects on their habitat or staging areas?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. Atura Power has procedures in place if migratory birds are encountered.
4.7 have negative effects on locally important or valued ecosystems or vegetation?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on locally important or valued ecosystems or vegetation will occur.

5. Resources

Criterion	Yes	No	Additional Information
5.1 result in inefficient (below 40%) use of a non-renewable resource (efficiency is defined as the ratio of output energy to input energy, where output energy includes electricity produced plus useful heat captured)?		X	There will be a decrease in -161.7 GJ/kWh higher heating value per unit. Improved thermal efficiency will occur. The overall plant efficiency will remain above the ECA thermal efficiency requirement.
5.2 have negative effects on the use of Canada Land Inventory Class 1-3, specialty crop or locally significant agricultural lands?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on agricultural lands will occur.
5.3 have negative effects on existing agricultural production?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on agricultural lands will occur.

Criterion	Yes	No	Additional Information
5.4 have negative effects on the availability of mineral, aggregate or petroleum resources?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on mineral, aggregate or petroleum resources will occur.
5.5 have negative effects on the availability of forest resources?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on forest resources will occur.
5.6 have negative effects on game and fishery resources, including negative effects caused by creating access to previously inaccessible areas?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on game and fishery resources will occur.

6. Socio-economic

Criterion	Yes	No	Additional Information
6.1 have negative effects on neighbourhood or community character?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on neighbourhood or community character will occur.
6.2 have negative effects on local businesses, institutions or public facilities?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on local businesses, institutions or public facilities will occur.
6.3 have negative effects on recreation, cottaging or tourism?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. No effects on neighbourhood or community recreation, cottaging or tourism will occur.
6.4 have negative effects related to increases in the demands on community services and infrastructure?		X	The planned project will not increase demands on community services and infrastructure.
6.5 have negative effects on the economic base of a municipality or community?		X	The planned project will not have negative effects on the economic base of a municipality or community.
6.6 have negative effects on local employment and labour supply?		X	The planned project will not have negative effects on local employment and labour supply.
6.7 have negative effects related to traffic?		X	The planned project will not have negative effects related to traffic as all the necessary parts will likely be delivered on regular delivery trucks, similar to current maintenance activities.
6.8 cause public concerns related to public health and safety?		X	The planned project will not affect public health or safety.

7. Heritage and Culture

Criterion	Yes	No	Additional Information
7.1 have negative effects on heritage buildings, structures or sites, archaeological resources, or cultural heritage landscapes?		X	The planned upgrades do not require storage, staging and working areas, or temporary roads or detours beyond the facility footprint. All project activities will take place entirely within the facility. Since the facility footprint will not change, and the planned upgrades will not require any development beyond the facility footprint, there will be no negative effects to archaeological resources. Further, planned project works will take place entirely within lands that do not include potential or identified cultural heritage resources. The lands are within the boundaries of the Turkey Creek/ Detroit River Watershed which is an identified Canadian Heritage River and a National Historic Site (NHS). However, based on the review of the proposed efficiency upgrades, it has been determined that there will be no negative effects to heritage buildings, structures, sites, or cultural heritage landscapes. See Appendix B6 for the Cultural Heritage Screening Checklist.
7.2 have negative effects on scenic or aesthetically pleasing landscapes or views?		X	Planned project works will take place entirely within lands that have been built-up and industrialised and will not result in taller structures. No effects on scenic or aesthetically pleasing landscapes or views will occur including those associated with the adjacent Canadian Heritage River. See Appendix B6 for the Cultural Heritage Screening Checklist.

8. Indigenous

Criterion	Yes	No	Additional Information
8.1 cause negative effects on Indigenous communities?		X	Planned project works will take place entirely within lands that have been built-up and industrialised. Engagement activities with Indigenous communities to date are documented in Section 4 ; engagement with these communities is ongoing and will continue beyond the Environmental Screening Process.

9. Other

Criterion	Yes	No	Additional Information
9.1 result in the creation of waste materials requiring disposal?		X	Waste disposal will not be required as replaced parts will become the property of the original equipment manufacturer and will be refurbished or recycled.
9.2 cause any other negative environmental effects not covered by the criteria outlined above?		X	No other environmental effects have been identified as a result of the planned project.

The above review of the BBGS Efficiency Upgrades project against the Screening Criteria in Appendix B of the Guide has determined that the response to all questions is "No", indicating that there are no potential negative environmental effects resulting from the project.

3.5 Mitigation Measures, Residual Net Effects, and Impact Management Commitments

The Screening identified that, without any mitigation, all regulatory requirements will be met, and no other impact management commitments will be required. Atura Power will continue to manage air emissions from BBGS through ongoing continuous emissions monitoring per the terms and conditions of the facility's ECA.

4. Engagement

Engagement with Indigenous communities, the public and agencies is a key component of the EA process and was integrated from the initial development stages of the project planning and throughout the Environmental Screening Process.

This section describes the engagement activities that were undertaken and demonstrates how Atura Power meets and exceeds the engagement requirements of the Environmental Screening Process. This section is organised as follows:

- **Section 4.1** – Engagement Program
- **Section 4.2** – Notice of Commencement
- **Section 4.3** – Public Engagement
- **Section 4.4** – Engagement with Municipal Staff and Elected Officials
- **Section 4.5** – Agency Engagement
- **Section 4.6** – Indigenous Engagement
- **Section 4.7** – Draft Screening Report
- **Section 4.8** – Notice of Completion & Final Screening Report

4.1 Engagement Program

According to the Guide, proponents are required to prepare a Notice of Commencement at the beginning of the Environmental Screening Process and a Notice of Completion upon the completion of the Environmental Screening Process. Proponents are also required to document the engagement program and engagement activities, agencies contacted, a summary of concerns or issues, and how concerns and issues have been addressed. Further, the public engagement program should:

- “identify potentially affected stakeholders;
- describe how the project may affect the environment;
- provide appropriate notification to identified stakeholders as prescribed in the Environmental Screening Process;
- inform the public where, when and how they can be involved;
- identify public concerns and issues related to the project;
- address public concerns and issues raised during the program; and
- document how public input is taken into account in the screening process and in the project planning and development” (Government of Ontario, 2024).

The goal of the BBGS upgrades engagement program is to facilitate information sharing and provide an opportunity for concerns and issues to be raised and responded to as part of the

Environmental Screening Process. Furthermore, it serves to build a positive relationship between Atura Power, the local community, Indigenous communities and any members of the public who may be interested in the project. To achieve this goal and meet the above EA engagement requirements, several communication tools and engagement activities were applied as described in **Section 4.1.1. Sections 4.2 to 4.8** provide a description of engagement with the public, municipal staff and elected officials, agencies and Indigenous communities to date.

4.1.1 Communication Tools and Engagement Activities

Below is an overview of the communication tools and engagement activities that were undertaken for the BBGS upgrades.

- **Project contact list** – a project contact list was developed by researching the area around BBGS to identify potentially interested groups, including elected officials and municipal staff. Agencies were identified using the “Environmental Assessment Government Review Team Master Distribution List” (MECP, 2023c). Indigenous communities were initially identified based upon proximity to, and potential interest in, the project and confirmed through correspondence with the MECP. Copies of this correspondence are provided in **Appendix B6**.
- **Comment tracking tool** – a database was developed to track comments that were received on the project. The database includes details such as who provided comments and when and how comments were received, as well as responses provided by the project team, and when and how the responses were provided.
- **Project webpage** – a project webpage (<https://aturapower.com/brightonupgrade>) was developed and maintained throughout the duration of the project. The webpage contains information on the project, the Environmental Screening Process, project timeline, project documents, public meeting materials, and a contact form for sending questions and comments to the project team.
- **Newspaper advertisements, emails and direct mailouts of notices and accompanying letters** – several methods were used to distribute project notices. These methods were selected based on either identified preference or previous project experience as the most appropriate and effective way of communicating with the public, agencies and Indigenous communities. **Sections 4.2 to 4.8** note the distribution methods for each notice.
- **Project email address** – a project-specific email address was established to help interested members of the public contact the project team with any questions and comments regarding the project and associated Environmental Screening Process. The email address was included on project notices, advertisements, etc. and was available for the duration of the Environmental Screening Process. The email inbox was monitored frequently and comments/questions received were responded to by a member of the project team.

- **Public meeting** – a virtual public meeting was hosted to share information about the project and provide an opportunity for attendees to ask questions and provide feedback. More information on the meeting is provided in **Section 4.3.1**.
- **Frequently Asked Questions (FAQs)** – a FAQs document was developed and provided on the project webpage, including general project information as well as responses to commonly asked questions and comments received on the project.
- **Draft Screening Report** – a *draft* Screening Report was distributed to Indigenous communities, key agencies, municipal staff and elected officials, and interested members of the public to offer an additional opportunity for those interested to review project details, the Environmental Screening Process undertaken, and assessment findings. Atura Power voluntarily provided this opportunity so that comments could be incorporated where applicable, prior to preparing the final Screening Report. Comments on the draft Screening Report and how they were addressed are provided in **Appendix C**.
- **Final Screening Report** – this *final* Screening Report was distributed to Indigenous communities, key agencies, municipal staff and elected officials, and the public in May 2024, along with an accompanying Notice of Completion. The final Screening Report will be available for a 30-day mandated review period, during which time Indigenous communities, agencies, municipal staff and elected officials, and interested members of the public can review and provide comments on the report. More information on the mandatory 30-day review period is provided in **Section 4.8**.⁷

4.1.2 Documentation and Record of Engagement

Sections 4.3 to 4.7 document the comments received from the public, municipal staff and elected officials, agencies and Indigenous communities to date. Copies of correspondence are provided in the following Appendices, which contain correspondence from the date the project commenced on Jul. 26, 2023, to late April 2024, when the final Screening Report was prepared.

- **Appendix B4:** Correspondence Records with Members of the Public (*Note: Atura Power has not received any correspondence from members of the public regarding the BBGS Efficiency Upgrades project, to date.*)
- **Appendix B5:** Correspondence Records with Municipal Staff and Elected Officials
- **Appendix B6:** Correspondence Records with Agencies
- **Appendix C:** Comments on the Draft Screening Report.

Note, correspondence records capturing engagement between Atura Power and each Indigenous community were shared directly with each respective Indigenous community during the Environmental Screening Process.

⁷ Atura Power posted the draft Screening Report on the project webpage, aturapower.com/brightonupgrade, and shared a copy of the draft Screening Report via email with interested parties in December 2023. See **Section 4.7** for details.

4.2 Notice of Commencement

The project commenced with the publication of the Notice of Commencement on Jul. 26, 2023, in several local and regional newspapers including the *Windsor Star*, *Southpoint Sun* and *Rivertown Times*. Copies of the publications are provided in **Appendix B1**. The notice included a project description stating the nature of the project, location, details, and purpose. The notice also communicated the start of the Environmental Screening Process and concluded by providing project contacts and details of an upcoming virtual meeting. This notice can be found in **Appendix B1**.

The notice was distributed to recipients potentially interested in the project via a variety of methods as shown in **Table 4-1**. Covering letters, when provided, included details on the project and explained the planned engagement process, including the virtual public meeting (see **Appendix B1**).

Table 4-1: Notice of Commencement Recipients

Type	Recipient	Method	Date
Provincial and Federal Ministries	Member of Parliament (MP) for Essex - Lewis	Mail / email of covering letter and notice	Jul. 26, 2023
	Member of Provincial Parliament (MPP) for Windsor West		
	Environment and Climate Change Canada		
	Independent Electricity System Operator		
	Ministry of Citizenship and Multiculturalism		
	Ministry of Colleges and Universities		
	Ministry of Education		
	Ministry of Energy		
	Ministry of Environment, Conservation and Parks		
	Ministry of Infrastructure		
	Ministry of Mines		
	Ministry of Natural Resources and Forestry		
	Ministry of the Solicitor General		
Ministry of Transportation			
Regional and Municipal Contacts	City of Windsor – Mayor Sherry Bondy	Mail / email of covering letter and notice	Jul. 26, 2023
	City of Windsor – City Councillor Fred Francis		
	County of Essex – Clerk		
	Essex Fire and Rescue		
	Essex Region Conservation Authority		

Type	Recipient	Method	Date
Other Agencies/Utilities and Nearby Businesses	Bell Canada	Mail / email of covering letter and notice	Jul. 26, 2023
	Cogeco		
	E.L.K. Energy Inc.		
	Ontario Power Generation		
	Starlink		
	TekSavvy		
	WaveDirect		
	Xplornet		
	Hydro One Networks Inc.		Aug. 16, 2023
Indigenous Communities ⁸	Aamjiwnaang First Nation	Email of covering letter and notice	Jul. 26, 2023
	Métis Nation of Ontario		
	Walpole Island First Nation		

Indigenous communities were contacted through an early engagement process (**Section 4.6**). The Notice of Commencement and an accompanying covering letter to contacts were shared on Jul. 26, 2023.

A separate letter was emailed on Jul. 26, 2023, to the MECP. This letter contained information about the project, including a completed copy of the MECP’s Project Information Form, as well as a request for any Indigenous communities to be engaged as part of the planned project. This MECP covering letter can be found in **Appendix B1**.

4.3 Public Engagement

Atura Power facilitated public engagement opportunities and processes throughout the project. Public engagement began with the distribution of the Notice of Commencement on Jul. 26, 2023. Through the notice, members of the public were encouraged to share their questions or feedback with the project team through the project email address. Additionally, the notice directed members of the public to additional project information and resources accessible on the project webpage. The notice also invited members of the public to a virtual public meeting where they would have the opportunity to learn more about the project and share their questions during a moderated question and answer period (see **Section 4.3.1**).

Both the project email and webpage have been available to the public throughout the life of the project. It should be noted that Atura Power has not received any comments/questions from members of the public regarding the BBGS Efficiency Upgrades project, to date.

⁸ Indigenous communities who received the Notice of Commencement on Jul. 26, 2023 include the three Indigenous communities with whom Atura Power initiated engagement at the start of the project. Additional Indigenous communities referenced in this Screening Report were added to the project contact list later, based on correspondence the MECP provided in August 2023.

4.3.1 Virtual Public Meeting

An invitation to the virtual public meeting was provided in the Notice of Commencement. Along with the initial distribution of the Notice of Commencement on Jul. 26, 2023, Atura Power sent an email to remind participants of the upcoming virtual public meeting on Aug. 16, 2023.

The virtual public meeting took place over Microsoft Teams Live on Aug. 17, 2023. The meeting began at 6:30 p.m. Eastern Time (ET) and ended at 6:48 p.m. ET. During the virtual public meeting the project team shared a presentation on the upgrades project description and associated Environmental Screening Process and provided time for questions and answers.

There were no external attendees at the virtual public meeting; as such, no questions from the public were received during the meeting. Following the meeting, Atura Power compiled a list of questions and answers to support a deeper understanding of the project description and associated Environmental Screening Process. Atura Power posted these questions and answers (titled Frequently Asked Questions) on the project webpage. A copy of the meeting presentation was also posted to the project webpage. Copies of these materials are provided in **Appendix B2**.

4.4 Engagement with Municipal Staff and Elected Officials

Throughout the operation of BBGS, Atura Power has endeavoured to build strong relationships with the City of Windsor leadership and elected officials and continues to do so. To support that effort, communication between the project team and municipal staff and elected officials has been ongoing to ensure that the City of Windsor and its representatives are aware of the project's status and activities. As mentioned in **Section 4.2**, the City of Windsor was provided a Notice of Commencement. The notice was sent via email to municipal staff, the mayor, a city councillor, and the relevant provincial and federal Members of Parliament on Jul. 26, 2023. Municipal staff and elected officials were also sent a reminder of the Aug. 17, 2023, virtual public meeting the day prior to the meeting. Additionally, municipal contacts received a copy of the draft Screening Report in Dec. 2023 via email, along with details explaining the opportunity to review the report and provide comments. Details associated with sharing the draft Screening Report are available in **Section 4.7**.

Table 4-2 below documents the correspondence between the municipal representatives and the project team following the distribution of the Notice of Commencement. All correspondence with municipal staff and elected officials occurred via email; copies of the emails are provided in **Appendix B5**.

Table 4-2: Correspondence with Municipal Staff and Elected Officials

Organisation	Title and/or Department	Communication Summary
City of Windsor	Mayor & Chief of Staff, City of Windsor	On Jul. 26, 2023, the City of Windsor, Chief of Staff responded to Atura Power via email to note that they would be unable to attend the public meeting.
		On Jul. 26, 2023, Atura Power responded to note that project information is available on the project webpage and that a summary of questions and answers would be posted on the project webpage following the meeting.
		On Aug. 16, 2023, Atura Power provided a reminder of the upcoming public meeting and noted that project information could be accessed on the project webpage, along with a summary of questions and answers which would be posted following the meeting.
		On Dec. 21, 2023, Atura Power provided a copy of the draft Screening Report and noted that any feedback or comments on the report could be shared with the project team via the project email by Feb. 2, 2024.
	Environmental Sustainability and Climate Change, City of Windsor	On Feb. 1, 2024, a representative from the Environmental Sustainability and Climate Change department responded to Atura Power noting that they had been forwarded the Dec. 21, 2023 email and draft Screening Report from the Mayor’s Office. They provided comments on the draft Screening Report and shared three additional contacts requesting that Atura Power add them to the project contact list.
		On Feb. 23, 2024 Atura Power responded to the comments provided by the Community Energy Plan Administrator and noted that they were available for any further questions from the department.
Councillor, City of Windsor	On Aug. 16, 2023, Atura Power provided a reminder of the upcoming public meeting and noted that project information could be accessed on the project webpage, along with a summary of questions and answers which would be posted following the meeting.	
	On Dec. 21, 2023, Atura Power provided a copy of the draft Screening Report and noted that any feedback or comments on the report could be shared with the project team via the project email by Feb. 2, 2024.	
Town of Essex (MP)	Member of Parliament (MP), Essex	On Aug. 16, 2023, Atura Power provided a reminder of the upcoming public meeting and noted that project information could be accessed on the project webpage, along with a summary of questions and answers which would be posted following the meeting.
		On Dec. 21, 2023, Atura Power provided a copy of the draft Screening Report and noted that any feedback or comments on the report could be shared with the project team via the project email by Feb. 2, 2024.
Windsor West	Member of Provincial Parliament (MPP), Windsor West	On Aug. 16, 2023, Atura Power provided a reminder of the upcoming public meeting and noted that project information could be accessed on the project webpage, along with a summary of questions and answers which would be posted following the meeting.
		On Dec. 21, 2023, Atura Power provided a copy of the draft Screening Report and noted that any feedback or comments on the report could be shared with the project team via the project email by Feb. 2, 2024.

4.5 Agency Engagement

As discussed in **Section 4.2**, several agencies were sent a Notice of Commencement for the project. A full list of agency contacts can be found in **Appendix B3**.

Table 4-3 below notes the correspondence between agencies and the project team following the distribution of the Notice of Commencement.

Correspondence records with agencies are provided in **Appendix B6**.

Table 4-3: Correspondence with Agencies

Organisation	Title and/or Department	Communication Method	Communication Summary
Essex Region Conservation Authority (ERCA)	Resource Planner	Email	On Dec. 21, 2023, Atura Power provided a copy of the draft Screening Report and noted that any feedback or comments on the report could be shared with the project team via the project email by Feb. 2, 2024.
Hydro One Networks Inc. (HONI)	Secondary Land Use, Asset Optimisation, Strategy & Integrated Planning	Email	On Aug. 30, 2023, HONI provided a response to the Notice of Commencement noting that their preliminary assessment found no HONI assets within the project area and requesting that Atura Power keep HONI informed should the project or site area change.
			On Dec. 21, 2023, Atura Power provided a copy of the draft Screening Report and noted that any feedback or comments on the report could be shared with the project team via the project email by Feb. 2, 2024.
Ministry of Citizenship and Multiculturalism (MCM)	Heritage Planner, Heritage Planning Unit	Email	On Aug. 8, 2023, the MCM provided information noting MCM's interest in the project and informed that the <i>Ontario Heritage Act</i> that was formerly administered by the Ministry of Tourism, Culture and Sports is now managed by the MCM. A copy of the attachment is provided in Appendix B6 .
			On Dec. 21, 2023, Atura Power shared a response to the MCM's materials describing their interest in the project, along with a copy of the draft Screening Report to support Atura Power's response. Atura Power also invited the MCM to review the draft Screening Report and provide any feedback or comments by Feb. 2, 2024.
			On Dec. 28, 2023, a representative from the MCM confirmed that they received the response and indicated they would provide comments on the draft Screening Report as appropriate by Feb. 2, 2024.
			On Jan. 8, 2024, Atura Power confirmed receipt of MCM's acknowledgement message and intention to provide any comments by Feb. 2, 2024.
			On Feb. 2, 2024, MCM sent an attached letter with their comments on the draft Screening Report and recommended that the project be screened using the 'Ministry's Criteria for Evaluating Archaeological Potential' to determine if an archaeological assessment would be needed.
			On Mar. 4, 2024, Atura Power thanked MCM for their comments on the draft Screening Report and confirmed that the project would not involve changes or expansion beyond the existing BBGS footprint. They also confirmed that they would complete a screening, per MCM's recommendation, to identify any cultural heritage resources for the project, and include results from the screening in the final Screening Report.
			On Apr. 15, 2024, Atura Power followed up with MCM to provide a copy of the results from the screening, which concluded that, "no adverse impacts are anticipated to the identified cultural heritage resources (i.e. the Canadian Heritage River System watershed) as a result of the proposed upgrades and therefore, no

Organisation	Title and/or Department	Communication Method	Communication Summary
			<p>mitigation and conservation measures are warranted". Regarding potential for impacts to archaeological resources, Atura Power noted that a screening for archaeological potential was not undertaken since "the planned upgrades do not require storage, staging and working areas, or temporary roads or detours beyond the facility footprint. All project activities will take place entirely within the facility. The facility footprint will not change, and no additional external laydown areas will be required."</p> <p>On Apr. 23, 2024, MCM thanked Atura Power for sharing information associated with the screening, acknowledged Atura Power's assessment approach, and shared recommendations related to communicating the screening results and sharing copies of the correspondence with MCM in the final Screening Report. A copy of the attachments are provided in Appendix B6.</p> <p>On Apr. 29, 2024, Atura Power thanked MCM for completing their review of the screening materials and confirmed that they would incorporate MCM's comments in the final Screening Report.</p>
<p>Ministry of Environment, Conservation and Parks (MECP)</p>	<p>Senior Project Evaluator</p>	<p>Email</p>	<p>On Aug. 16, 2023, a representative from the MECP confirmed receipt of the Notice of Commencement, provided a letter of acknowledgement, and shared guidance for consideration over the course of the Environmental Screening Process. A copy of the attachment is provided in Appendix B6.</p>
			<p>On Aug. 30, 2023, Atura Power shared a response letter requesting clarification on the guidance document MECP provided regarding Indigenous consultation.</p>
			<p>On Sept. 6, 2023, MECP provided clarification on the triggers for Indigenous consultation in relation to the project.</p>
			<p>On Sept. 14, 2023, Atura Power requested a meeting with MECP to discuss the project and consultation process.</p>
			<p>On Sept. 21, 2023, MECP exchanged emails with Atura Power to coordinate meeting dates.</p>
		<p>Meeting (via Microsoft Teams)</p>	<p>On Sept. 29, 2023, Atura Power met with MECP to discuss the project and consultation expectations.</p>
		<p>Email</p>	<p>On Oct. 4, 2023, Atura Power sent a follow-up email sharing key discussion points from the meeting that was held on Sept. 29, 2023.</p>
			<p>On Oct. 5, 2023, MECP thanked Atura Power for the September meeting and for Atura Power's follow-up message.</p>
			<p>On Dec. 21, 2023, Atura Power provided a copy of the draft Screening Report and noted that any feedback or comments on the report could be shared with the project team via the project email by Feb. 2, 2024.</p>
			<p>On Jan. 2, 2024, MECP thanked Atura Power for providing the draft Screening Report and noted they would return any comments as applicable by the Feb. 2, 2024, deadline.</p>

Organisation	Title and/or Department	Communication Method	Communication Summary
			<p>On Jan. 8, 2024, Atura Power thanked MECP for their acknowledgement of receipt and willingness to provide comments.</p> <p>On Jan. 31, 2024, MECP provided their comments on the report and noted the new contact person for the project. MECP’s comments related to engagement with Indigenous communities and included a request that correspondence with Indigenous communities be shared with the MECP along with the final Screening Report.</p> <p>On Feb. 27, 2024, Atura Power responded to MECP with a letter addressing their comments and inviting MECP to continue to reach out with any additional questions.</p>
Ministry of Natural Resources and Forestry (MNRF)	Land Use Planning Supervisor Regional Planning Coordinator	Email	On Dec. 21, 2023, Atura Power provided a copy of the draft Screening Report and noted that any feedback or comments on the report could be shared with the project team via the project email by Feb. 2, 2024.
Windsor Port Authority	General Contact	Email	On Aug. 17, 2023, Atura Power sent an email reminding recipients of the virtual public meeting scheduled for later that evening.
Detroit River Canadian Cleanup Group	General Contact	Email	On Aug. 17, 2023, Atura Power sent an email reminding recipients of the virtual public meeting scheduled for later that evening.
Ontario Power Generation	Senior Environment Specialist	Email	On Aug. 17, 2023, Atura Power sent an email reminding recipients of the virtual public meeting scheduled for later that evening.

4.6 Indigenous Engagement

Atura Power engaged with nine Indigenous communities as they moved through the Environmental Screening Process. Atura Power initiated engagement with three communities, Aamjiwnaang First Nation (AMFN), Métis Nation of Ontario (MNO), and Walpole Island First Nation (WIFN) prior to publicly issuing the Notice of Commencement in July 2023. Since that time, Atura Power worked to foster continuous dialogue with these communities. Additionally, Atura Power initiated engagement with six more communities based on guidance received from the MECP in a letter to Atura Power on Aug. 16, 2023. These communities included: Caldwell First Nation (CFN), Chippewas of Kettle and Stony Point First Nation (CKSPFN), Chippewas of the Thames First Nation (COTTFN), Delaware Nation Council (DNC), Munsee-Delaware Nation (MDN), and Oneida Nation of the Thames (ONTT).

The following **Sections 4.6.1 to 4.6.9** provide a narrative of the engagement that was undertaken with these communities from the pre-engagement phase initiated with AMFN, MNO and WIFN in July 2023 to April 2024 when this final Screening Report was prepared. **Section 4.6.10** provides a summary of comments from Indigenous communities during the course of the project along with Atura Power's response.

Correspondence records documenting engagement between Atura Power and each Indigenous community have been shared with each Indigenous community engaged during the Environmental Screening Process.

4.6.1 Summary of Engagement with Aamjiwnaang First Nation (AMFN)

Atura Power has been in ongoing communication with AMFN regarding the BBSG upgrades. These discussions began with Atura Power reaching out to the AMFN band office to identify the appropriate contacts for the project. The identified contacts within AMFN were the Environmental Coordinator and the Consultation and Outreach Coordinator. There have been multiple exchanges between Atura Power and AMFN, including phone calls and emails, to ensure that AMFN is informed about the upgrades and to confirm that the community has received the Notice of Request to Consult as per AMFN's Consultation Protocols. Additionally, Atura Power provided information on the project details, such as its capacity increase and submission to the Environmental Screening Process under O.Reg. 116/01 (now O.Reg. 50/24). AMFN has been actively logging this information and plans to present it to its Environment Committee for further review.

Environmental considerations have been central to these discussions. Atura Power has shared information on the upgrades, emphasising their alignment with environmental standards and commitment to engaging Indigenous communities. AMFN's Environment Committee is tasked with reviewing all provided documents and determining if further technical information or resources are required. AMFN has protocols to determine the consultation requirements if the project progresses, and Atura Power has actively engaged in discussions about supporting AMFN in their review of project documents. Project materials, including a PowerPoint presentation summarising key project details, have been shared with the Environmental Committee. Atura Power has also offered to

present project details to AMFN's Chief and Council to review the project materials together. AMFN has not pursued a meeting, at this time.

4.6.2 Summary of Engagement with Caldwell First Nation (CFN)

Atura Power initiated several communications with the CFN concerning the BBSG upgrades. These communications primarily centred on the project details, specifically replacing existing turbines parts with more efficient ones and the required modifications to the facility's air emissions permit. The interactions highlighted the importance of CFN's Consultation Protocols, with Atura Power expressing interest in engaging CFN for a detailed discussion on the project, understanding community preferences, and ensuring meaningful engagement. Furthermore, Atura Power proposed discussing the Environmental Screening status and potential results of the assessment.

In response, CFN's Environment and Consultation Manager acknowledged the communications and was willing to participate in discussions. CFN highlighted their consultation portal to log incoming engagements and shared their interest in virtual meetings to delve deeper into the project specifics. Key documents were shared, emphasising the need for comprehensive project reviews. Atura Power and CFN continue to participate in ongoing discussions related to the review of the Screening Report and other Atura project materials. Most recently, Atura Power followed up with CFN in April 2024 to share a PowerPoint presentation summarising key project details and offered to meet to review the materials together. CFN has not pursued a meeting, at this time.

4.6.3 Summary of Engagement with Chippewas of Kettle and Stony Point First Nation (CKSPFN)

Atura Power reached out to the CKSPFN to discuss the BBSG upgrades. In their communication, Atura Power emphasised the importance of seeking the community's feedback and engaging with them respectfully, especially concerning their Consultation and Engagement Protocols. CKSPFN acknowledged the outreach and expressed interest in setting a meeting to discuss these protocols further, asking for potential dates and times for the discussion.

In subsequent interactions, Atura Power provided more details about the BBSG upgrades, discussing their aim to increase the station's output capacity by 42.5 MW by upgrading parts of the existing natural gas-fired turbines. The project does not impact CKSPFN or its Traditional Territory and adheres to the Ontario Environmental Screening Process. Furthermore, Atura Power's initiative will not affect the current emission concentrations, ensuring compliance with environmental standards. Atura Power reached out multiple times to various contacts associated with CKSPFN, expressing their dedication to transparently engaging with Indigenous communities. Atura Power met with CKSPFN on Apr. 19, 2024 to support CKSPFN in reviewing the project materials and to provide an opportunity to raise any further comments regarding the project.

4.6.4 Summary of Engagement with Chippewas of the Thames First Nation (COTTFN)

Atura Power initiated dialogues with the COTTFN regarding the BBGS upgrades. The discussions began with Atura Power seeking clarity on COTTFN's Consultation Protocols and the potential for

an agreement to review the project. Atura Power also informed COTTFN about its decision to prioritise the BBGS project, reassuring that it would not adversely impact COTTFN's Traditional Territory and would comply with Ontario's environmental guidelines.

In subsequent communications, Atura Power detailed the BBGS project's scope, highlighting the anticipated output increase and construction timeframe. They stressed their commitment to meeting environmental standards and maintaining transparency with COTTFN. The discussions further encompassed the preparation of a Screening Report, with Atura Power expressing their intent to facilitate a comprehensive review by COTTFN. COTTFN recommended utilising the Nations Connect Portal to streamline communication and information sharing. This collaborative approach continued with Atura Power updating project details on the Nations Connect Portal and showing eagerness for continued engagement and discussions on the project's nuances. More recently, COTTFN shared a letter with Atura Power noting their comments on the draft Screening Report, to which Atura Power provided responses on Apr. 10, 2024. Atura Power also met with COTTFN on Apr. 25, 2024, to support COTTFN in reviewing the project materials and to provide an opportunity to raise any further comments regarding the response Atura Power shared on Apr. 10, 2024.

4.6.5 Summary of Engagement with Delaware Nation Council (DNC)

Atura Power has been actively engaging with the DNC regarding the BBGS upgrades. Atura Power has sought guidance from the DNC on Consultation Protocols for energy projects and has expressed its commitment to engage and consult with the community respectfully and meaningfully. Atura Power is keen on understanding if the community has a set Consultation Protocol to ensure proper communication. Atura Power also shared information about the planned upgrades at BBGS, resulting in a 42.5 MW increase in output capacity. It has been clarified that the project will not impact the DNC or its Traditional Territory and will remain compliant with the environmental regulations set by the Ontario government.

During their communication, Atura Power reached out to various members of the DNC to discuss the project details and the best ways to engage with the community. Atura Power emphasised its intention to move forward with the BBGS upgrades and sought to establish lines of communication with DNC senior staff and leadership. Atura Power expressed their desire for meaningful engagement with DNC, inviting them to participate in the Screening Report review process and inquiring about the community's preferred engagement methods and any resources they might need for a comprehensive review. Atura Power expressed their dedication to transparently engaging with Indigenous communities. In April 2024, Atura Power followed up with DNC to share a PowerPoint presentation summarising key project details and offered to meet to review the materials together. DNC has not pursued Atura Power's offer to meet, at this time.

4.6.6 Summary of Engagement with Métis Nation of Ontario (MNO)

Atura Power communicated with the Consultation staff for the MNO concerning the upgrades at BBGS. A formal letter and a Notice of Commencement were provided by Atura Power to offer in-depth details on the proposed activities, available engagement opportunities, and other pertinent

project information. Atura Power expressed its dedication to transparently engaging with Indigenous communities.

4.6.7 Summary of Engagement with Munsee-Delaware Nation (MDN)

Atura Power initiated communications with MDN concerning the planned upgrades at BBGS. Atura Power communicated that the upgrades aim to augment the station's capacity by 42.5 MW. Importantly, Atura Power has confirmed that this project will not impact MDN or its Traditional Territory, adhering to the stipulated Environmental Screening Process for Electricity Projects in accordance with O.Reg. 116/01 (now O.Reg. 50/24) under the *Act*. Furthermore, these modifications will not alter the current emissions concentrations, ensuring continued compliance with set environmental standards.

In the spirit of collaboration and respect, Atura Power expressed its intention to engage thoroughly with the MDN community, emphasising the importance of maintaining open dialogue throughout the project's lifecycle. To achieve this, Atura Power has been in dialogue with the Nation Manager regarding MDN's review of the Screening Report. Atura Power has expressed their dedication to transparently engaging with Indigenous communities. In the spirit of ongoing communication, Atura Power shared a PowerPoint Presentation summarising key project details in early April 2024 and offered to meet to go over any comments from the community. At this time, MDN has not pursued a meeting and Atura Power awaits any further communications with the community.

4.6.8 Summary of Engagement with Oneida Nation of the Thames (ONTT)

Atura Power has initiated dialogues with the ONTT about the planned upgrades at BBSG. Atura Power shared project details with ONTT, reiterating their adherence to regional environmental guidelines and confirming that the ONTT's Traditional Territory would remain unaffected.

Atura Power communicated its wishes to understand and align with community engagement norms, specifically about the BBGS project and prospective regional initiatives. Atura Power is dedicated to transparently engaging with Indigenous communities and is awaiting further communications with ONTT. Atura Power met with ONTT on Apr. 17, 2024, to support ONTT in reviewing the project materials and to provide an opportunity to raise any further comments regarding the project.

4.6.9 Summary of Engagement with Walpole Island First Nation (WIFN)

Representatives from Atura Power have been actively engaging with WIFN concerning the BBGS upgrades. Initial communications involved Atura Power reaching out to WIFN to discuss the upgrades, with WIFN's Consultation and Engagement Protocols indicating that they require a Notice of Request to Consult for such projects. In a more detailed communication, Atura Power informed WIFN about the planned upgrades at BBGS, which would involve replacing existing turbine parts to improve performance. Atura Power is collaborating with Indigenous communities, including WIFN, for insights and participation in the upgrades process.

Atura Power and WIFN have had several virtual meetings to delve deeper into the project details as part of their ongoing dialogue. Discussions centred around WIFN's broader interests in energy generation and their involvement in other projects, such as wind farms. Emphasis was placed on the importance of considering the environmental and economic implications of the BBGS upgrades, with WIFN highlighting their keen interest in the upgrades and the entire BBGS asset. The community's rich history, connection to treaty areas, and aspirations for future energy projects were also addressed. Both parties expressed the importance of sharing information, resources, and perspectives to ensure that the project benefits all stakeholders.

Most recently, Atura Power followed up with WIFN in April 2024 to share a PowerPoint presentation summarising key project details and offered to meet to review the materials together. However, since the community expressed previously that they did not have any issues with the Screening Report, Atura does not expect a follow-up meeting.

4.6.10 Summary of Engagement

In addition to engagement with each community noted above with respect to the Screening Process for the efficiency upgrades project, Atura Power has been actively engaging with Indigenous communities regarding supporting resources where necessary, to facilitate communities' review of project materials and foster continued dialogue. Discussions will continue beyond the duration of the BBGS upgrades project, such that Atura Power can continue to support community resources and carry out their commitment to meaningful engagement.

As noted in **Sections 4.6.1 to 4.6.9** above, Atura Power has actively sought to address any comments about the project raised by Indigenous communities throughout the engagement process. While Atura Power is committed to continuing to build relationships and ongoing engagement with Indigenous communities, there are no outstanding concerns from the nine Indigenous communities listed above regarding the Screening Report and associated Environmental Screening Process, at this time.

Table 4-4 provides a summary of concerns from Indigenous communities and Atura Power's response.

Table 4-4: Summary of Comments and Responses

Topic	Community	Date and Method of Comment	Comment	Summary of Atura Power’s Response
Capacity to review project materials	AMFN	Email, phone, and virtual meetings; Feb-Mar 2024	AMFN has expressed that they do not have sufficient capacity to review the project Screening Report.	Atura Power has expressed willingness to offer whatever internal or external support is needed to facilitate a comprehensive review. This has included an expanded budget beyond the initial CFA to support the engagement of external consultant services, legal and technical reviews, Consultation Department and Environmental Committee costs, and any additional costs submitted by AMFN.
	CFN	Email, phone, and virtual meetings; Jan-Mar 2024	CFN has expressed that they do not have sufficient capacity to review the project Screening Report.	Atura Power has offered CFN several options for financial support, including expanding their CFA and budget, or billing Atura Power directly for any additional services needed to review the Screening Report. Discussions are ongoing to ensure CFN has the resources they need to review all necessary project materials.
Project emissions information and emission limits	WIFN	Email and virtual meeting; Sept-Oct 2023	WIFN requested information regarding the emissions limits BBGS is permitted to operate within, during a virtual meeting.	Atura Power provided information via email explaining BBGS’s regulatory performance limits per their Environmental Compliance Approval and their systems for ensuring continued monitoring and compliance.
	COTTFN	Email; Apr 2024	COTTFN expressed interest in more information regarding current air emissions and future air emissions of BBGS post-upgrades, such that COTTFN suggest Atura Power conduct an air quality assessment.	Atura Power responded to COTTFN’s enquiry via a letter explaining Atura Power’s approach to air assessment and availability of emissions information. Atura Power also communicated that they have not received any requests to date from the MECP indicating that any other assessments are required with respect to air quality. <i>Atura Power also met with COTTFN on Apr. 25, 2024 to offer COTTFN an opportunity to raise any further comments regarding Atura Power’s</i>

Topic	Community	Date and Method of Comment	Comment	Summary of Atura Power's Response
				<i>response to COTTFN's comments. Following the meeting, COTTFN had no outstanding concerns regarding the BBGS Screening Report or associated Environmental Assessment Process.</i>
Concern the project will not help Canada reach decarbonisation goals/targets	COTTFN	Email; Apr 2024	COTTFN expressed that while a diverse energy portfolio is important, increasing reliance on natural gas for power generation is counter to Canada's intent to reduce greenhouse gas emissions.	Atura Power responded to COTTFN's enquiry via a letter explaining that the upgrades to improve efficiency at existing facilities such as BBGS are one part of the IESO's approach to addressing the Ontario's predicted energy supply gap. Atura Power agreed that the efficiency upgrades alone will not be enough to address the gap and went on to share that multiple energy sources, including renewable energy sources, are required to ensure a reliable electricity system.
Seeking additional information related to current and future operations at BBGS	COTTFN	Email; Apr 2024	COTTFN expressed interest in more details associated with current and future operations and efficiencies of BBGS post-upgrades.	Atura Power responded to COTTFN's enquiry via a letter explaining the scope of the assessment required for the proposed efficiency upgrades as well as a technical explanation as to why it is challenging to estimate any changes in overall greenhouse gas emissions. Atura Power reiterated that BBGS will continue to operate as direction of the IESO and the facility will produce more power from the same amount of fuel after the upgrades are complete.

4.6.11 Ongoing Engagement

Copies of the draft Screening Report and this final Screening Report were also shared with the above nine communities engaged during the Environmental Screening Process.

Atura Power is committed to a continuous process of relationship-building and communication with Indigenous communities neighbouring current and future projects. As such, engagement is ongoing to provide continued open communication and dialogue between Indigenous communities engaged on this project.

4.7 Draft Screening Report

To further support engagement during the Environmental Screening Process, Atura Power voluntarily shared a *draft* Screening Report with Indigenous communities, key agencies, municipal staff and elected officials, and interested members of the public on Dec. 21, 2023. The purpose of preparing and releasing the draft Screening Report was to provide an additional opportunity for anyone wishing to share comments, questions, or concerns regarding the BBGS upgrades and the associated Environmental Screening Process prior to Atura Power preparing the final Screening Report. The draft Screening Report was shared with Indigenous communities, key agencies and organisations, municipal staff and elected officials, and interested members of the public via a variety of methods as shown in **Table 4-5**. Emails noting the release of the draft Screening Report, associated Environmental Screening Process, and details about the review period were shared with each recipient. Copies of the emails are provided in **Appendix B**.

Through this process, feedback and comments received about the draft Screening Report were responded to and incorporated into this final Screening Report, where applicable (see **Appendix C**).

Table 4-5: Draft Screening Report Recipients

Type	Recipient	Method
Key Agencies	HONI	Email with attached copy of the draft Screening Report
	MECP	
	MCM	
	MNRF	
	ERCA	
Regional and Municipal Contacts	Member of Parliament	Email with attached copy of the draft Screening Report
	Member of Provincial Parliament	
	County of Essex	
	City of Windsor Mayor	
	City of Windsor Councillor	
Indigenous Communities	AMFN	Email with attached copy of the draft Screening Report
	CFN	
	CKSPFN	
	COTTFN	
	DNC	
	MNO	
	MDN	
	ONTT	
	WIFN	
Members of the Public	N/A	Link to draft Screening Report posted on project webpage

Atura Power received a few questions and comments on the draft Screening Report during the comment period. No comments were received from members of the public. The only comments received were from municipal staff and agencies, which included:

- City of Windsor (Environmental Sustainability and Climate Change department)
- Ministry of Citizenship and Multiculturalism
- Ministry of Environment, Conservation and Parks

Generally, comments on the draft Screening Report related to the following themes:

- Archaeology, Heritage, and Culture
- Consideration of Alternatives
- Greenhouse Gas Emissions
- Indigenous Engagement

All enquiries specific to the draft Screening Report, and Atura Power’s responses to them, can be found in **Appendices B5** and **B6**. **Appendix C** also indicates where and how comments received were considered and incorporated into this final Screening Report, where applicable. Additional

changes made to the draft Screening Report include revisions to the language regarding O.Reg. 116/01 (now O.Reg. 50/24), and updates to **Section 4** to reflect communication that occurred since publishing the draft in December 2023.

4.8 Notice of Completion & Final Screening Report

Following the comment period for the *draft* Screening Report, Atura Power took steps to respond to the comments and incorporate them into the *final* Screening Report, where applicable (see **Appendix C**). Per the Guide, a Notice of Completion was prepared and released to the public. The Notice of Completion informs all interested parties when the Environmental Screening Process for the project is complete and provides details regarding the 30-day review and comment period for the *final* Screening Report. As required, the notice includes: a map identifying the project location; the proponent and contact information; a description of the project; the results of the Environmental Screening Process; details regarding the review period; the online location where the final Screening Report may be reviewed; and instructions for making an elevation request in accordance with the provisions of the Guide. The Notice of Completion was distributed to the same project contacts who received the Notice of Commencement via the same methods as on July 26, 2023, as well as project contacts who received the draft Screening Report. Additionally, it was advertised in the same publications used to share the Notice of Commencement on July 26, 2023, which include the *Rivertown Times*, *Southpoint Sun*, and *Windsor Star* newspapers. A copy of the Notice of Completion is available in **Appendix B7**.

As noted in **Section 4.6**, a copy of this final Screening Report was shared with the nine Indigenous communities engaged during the Environmental Screening Process, prior to the public release of the report.

According to the Guide, and as described in the Notice of Completion, if a concerned party has outstanding environmental concerns about the project, they should raise these concerns with Atura Power. If Atura Power and the interested party are unable to resolve the matter, the concerned party may make a written request to the Minister, copying the Director of the Environmental Assessment Branch, MECP, and Atura Power, to elevate the project to either an Environmental Review or to a Comprehensive EA. Elevation requests must be submitted within the 30-day review period and must be made in accordance with the provisions set out in the MECP's Environmental Screening Process for Electricity Projects.

5. Environmental Advantages and Disadvantages

In concluding the Environmental Screening, the overall advantages and disadvantages of the BBGS upgrades are presented in **Table 5-1**. This section provides an overall conclusion as to whether the negative net environmental effects of the project are acceptable, based on a balanced assessment against the positive benefits.

Table 5-1: Environmental Advantages and Disadvantages of the Project

Advantages	Disadvantages
<ul style="list-style-type: none"> • As part of the replacement of equipment at the end of their service life that would normally occur at this time, the existing equipment would be upgraded with more efficient equipment resulting in more electrical output. • Helps to address energy supply gap in Ontario by providing additional power generation capacity to meet the growing demand (through increased efficiency without expanding the facility). • Close proximity to existing transmission facilities and natural gas supply. • Allows BBGS to continue to provide electricity system reliability by operating on demand in times when intermittent energy sources (e.g., wind and solar) alone cannot meet energy demand. • After the upgrades, the plant's thermal efficiency will increase due to a reduced heat rate (BTU/kWh). This means that the same amount of fuel used will produce more power after the upgrades. • Provides a cost-effective and timely solution to secure operational flexibility in the Ontario electricity grid. • Brings economic benefits through procurement of local labour and materials. 	<ul style="list-style-type: none"> • None

As shown in **Table 5-1**, a consideration of the overall advantages and disadvantages of the project indicates that the project advantages outweigh the disadvantages. Further, the Environmental Screening determined that all Screening Criteria scored 'No' as a result of the BBGS upgrades project, and without any mitigation, all regulatory requirements will be met.

Atura Power remains committed to continuing to build relationships with Indigenous communities and the local community throughout and beyond the EA process.

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Atura Power

Appendix A

Letters from General Electric (GE)



GE Gas Power - Services

Richard Loud

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March 30, 2023

Andrea Coutu
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Atura Power – Portlands Energy Centre & Brighton Beach Power - AGP, DLN2.6+ and High Output S0/R0 Upgrades - Noise

Dear Andrea:

We have reviewed proposed changes to the gas turbines and have concluded that the Advanced Gas Path Upgrades, DLN2.6+ combustion system additions and High Output R0/S0 Upgrades to the gas turbine generator are not expected to increase noise levels from the Facility. This conclusion is based on the following aspects of the upgrade.

- The inlet guide vanes will be opened slightly increasing the airflow by 1% resulting in an immeasurable increase in the inlet noise of 0.04 dB*.
- Changes to the combustor will improve efficiency but do not affect noise. The combustion system is located within the gas turbine enclosure which itself is located within the turbine building. The enclosures and building work together to mitigate noise from the combustion system.
- The exhaust gas flow will increase by less than 1% resulting in an immeasurable increase in the exhaust noise of 0.04 dB*.

* For IEC 61672-1 Class 1 sound level meters, acceptance limits are generally +/- 1.0 dB.

In its experience installing the Advanced Gas Path upgrades and High Output R0/S0 upgrades on the 7F fleet, GE is not aware of any instance in which the upgrades resulted in a material increase in noise emissions from a facility. GE has no evidence indicating that the upgrades resulted in extra turbulence in the exhaust that could result in damage to the stack silencer.

Sincerely,

A handwritten signature in black ink that reads 'Richard Loud'.

Richard Loud
Consulting Engineer - Acoustics



GE Gas Power - Services

Mark Brache
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May 26th, 2023

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Atura Power – Portlands Energy Centre & Brighton Beach Power - AGP, DLN2.6+ and High Output S0/R0 Uprates - Noise

Dear Andrea,

We have reviewed proposed changes to the gas turbines and have concluded that the Advanced Gas Path Upgrades, DLN2.6+ combustion system additions and High Output R0/S0 Upgrades to the gas turbine generator will Maintain emissions levels at or below site permit levels. This is also stated in proposal, "The proposed AGP Tech, DLN2.6+ upgrade will maintain NOx emission at 9 ppm."

This conclusion is based on the following aspects of the upgrade.

- The 7FA DLN2.6+ Combustor is a common architecture across the 7FA.03, 7FA.04 and 7FA.05 gas turbine models. The combustor can deliver lower NOx and equal CO emissions guaranteed levels as compared with the DLN 2.6e system. It also provides improved Combustion Inspection (CI) intervals, higher ethane and H2 tolerance, and improved flexibility with lower turndown levels with increased Modified Wobbe Index (MWI) range.
- DLN tuning is required following installation of the uprate to ensure emission estimates contained here-in.
- Start-up emissions are NOT addressed in this letter as they are dependent on the given site specific start-up profile.

GE's 2.6+ combustor was designed originally to offer lower emissions. GE's expectation is that the emissions of the gas turbine in minimum emission mode and above will maintain the 9 PPM.

Sincerely,

Mark Brache
Account Manager

Appendix B

Engagement Records

- **Appendix B1: Distribution of Notice of Commencement**
- **Appendix B2: Virtual Public Meeting Materials**
- **Appendix B3: Project Contact List**
- **Appendix B4: Correspondence Records with Members of the Public**
- **Appendix B5: Correspondence Records with Municipal Staff and Elected Officials**
- **Appendix B6: Correspondence Records with Agencies**
- **Appendix B7: Notice of Completion**

Note: Project materials released in 2023 note the upgrades to BBGS will increase the facility generating contract capacity by an average of 42.5 MW (from 570 MW to 612.5 MW), based on a winter (Season 1) contract capacity. When accounting for seasonable variability, BBGS generating contract capacity will increase by an average of 42.5 MW but from an average electrical output contract capacity of 541.25 MW to a total average electrical output contract capacity of 583.75 MW.

Note: In February 2024, the Government of Ontario revoked O.Reg. 116/01, replacing it with O.Reg. 50/24 and made subsequent updates to the Guide to Environmental Assessment Requirements for Electricity Projects. See Note to Readers on page iv for more information.

Appendix B1: Distribution of Notice of Commencement

Notice of Commencement of a Screening and Invitation to a Virtual Public Meeting

Brighton Beach Generating Station Upgrades

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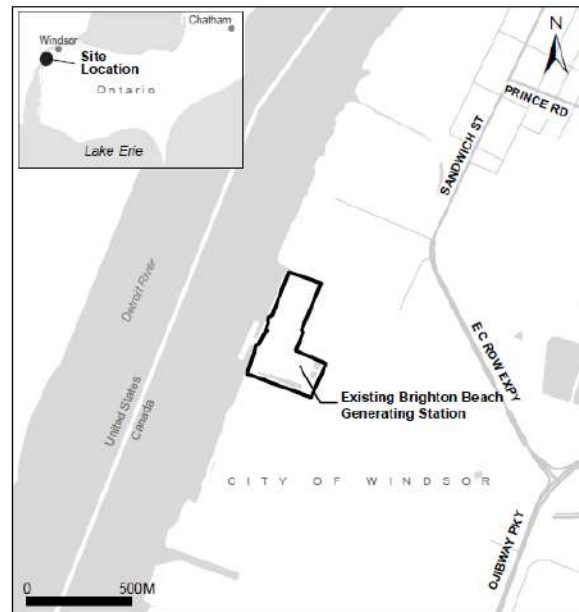
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Atura Power



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How to Join

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Time: 6:30 to 7:30 p.m. EST
Project webpage: aturapower.com/brightonupgrade

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Project Contacts

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"Market on the Turf" presented by The Mom Market Windsor



Deanna Santos, market director for The Mom Market Windsor, helped organize "Market on the Turf" last Saturday at the Libro Centre in Amherstburg.

By Ron Giofu

Moms were featured as part of a vendor market last weekend in Amherstburg.

The Mom Market Windsor presented "Market on the Turf" last Saturday with a slow but steady crowd

coming through the indoor soccer facility at the Libro Centre. Deanna Santos, market director for the Windsor-Essex area, said there were 35 vendors this time around. She was pleased with that number but was hoping for more, believing that because it was summer, it may have kept numbers a bit lower.

"We're all across Canada," said Santos. "We do local pop-up shows to support vendors and local small businesses."

Santos pointed out The Mom Market is a nationwide company whose CEO is based in Nova Scotia.

"We're all over Canada," said Santos. "There wasn't one in Windsor so I reached out and got the Windsor-Essex region."

Stating she is currently on maternity leave, Santos said she still wanted to do something and give back to the community so she became involved with The Mom Market. She added there are some vendors with limited to no access to social media so The Mom Market helps them promote their small businesses

and goods.

There were raffles and giveaways to try and entice crowds to come in.

Future markets include one at the Fogolar Furlan Club Nov. 4 and the WFCU Centre in Windsor Dec. 16. Santos said she hopes to return to Amherstburg next year.

The Mom Market also partnered with the cause "Help Her Fly," with founder Stacey MacKinnon explaining they award bursaries to female students entering post-secondary education. MacKinnon added they also work with elementary school girls to improve self-esteem and establish confidence.

For more information on The Mom Market, visit www.themommarketco.com/windsor or visit them on Instagram at [themommarket_windsor](https://www.instagram.com/themommarket_windsor).

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Myrna Bustard of Amherstburg was one of the 35 vendors at "Market on the Turf" held last Saturday.

8	6	3	5	9	2	1	7	4
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SUDOKU ANSWERS

SCRAMBLE ANSWER REPORT

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PUZZLE SOLUTION

Musical open house by Essex Vocal Express

On Monday, July 17, The Essex Vocal Express held an Open House Guest Night with an a cappella performance for a large audience at Essex United Church.

"This was an amazing turnout," said Chapter President Ron McDermott. "Barbershop singing provides that fun niche activity people are looking for, especially now as we move forward from the social restrictions Covid brought on."

The 30-member chorus is based out of Essex with members from across the County, Windsor, Michigan, Pelee Island and Chatham. The open house brought in 24 guests to sing with them from as far east as London, and west coming from areas in eastern Michigan.

Andy McCann — a 63-year barber-shop singer in the group — said, "I have been singing here for 63 years and I can't recall a bigger guest night turnout."

Many members of the group expressed pride in their renewed efforts, saying rehearsals and performances are both meaningful and fun.

Tom Grimes, Chorus Manager, said, "We have been working really hard on

our craft with multi-talented director Steve Pauling at the helm now, and it definitely shows in the quality of our performances."

The Essex Vocal Express was once known as the Sun Parlour Chorus and belongs to the Windsor Chapter of the Barbershop Harmony Society (BHS).

They've recently re-branded their chapter and have made notable improvements in their sound, performance and size of the group, clearly demonstrated by the growing positive feedback and performance requests they received between last year's rollout and this summer's performance schedule.

They rehearse every Monday evening at 7:00 pm at the Essex United Church (lower hall), 53 Talbot Street S., Essex, and welcome anyone who loves singing, both men and women, to come out and see what all the fun is about.

Future performances include Waterfront Ice Cream in Amherstburg on August 6, North Ridge Dairy Freez on August 14, and Leamington's Mill Street Market on August 18.

For more information visit www.essexvocalexpress.com.



FRESH BREATH AT TWO CREEKS SUNDAY

Two Creeks Conservation Area will welcome Fresh Breath to its stage on Sunday, July 30 at 6:30 p.m. Fresh Breath plays a wide array of genres, from Fleetwood Mac and Brandi Carlile to Alanis Morissette, The Allman Brothers and much more. No admission, but the hat is passed to help offset costs. Food and drink available from the Scouts, as well as craft beer from Cured. Bring a lawn chair or blanket, and if it rains the show will go on in the Two Creeks pavilion. Two Creeks is located on Kent Rd. 1, a kilometre north of Wheatley. For the full summer lineup, check out www.twocreeks.ca.

Submitted photo

Leamington Bridge scores

The following are the top scoring teams in recent Bridge games at the Leamington Half Century Centre.

July 17: North/South – 1st Henry Hildebrandt and Bob Lee, 2nd Pau-

line Mikolash and Roger Cote, 3rd Sharon Lutz and Remi Fournier. East/West - 1st Kate Comiskey and Frank Duransky, 2nd Al Morrison and Agnes Fraser, 3rd Ross Macintosh and JC Leeson.

July 21: 1st Henry Hildebrandt and Bob Lee, 2nd Sharon Lutz and Remi Fournier, 3rd Dave Derbyshire and Dale Smith.

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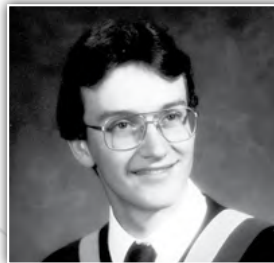
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Announcements

— Birthdays • Memoriams • Thanks • Anniversaries • Congratulations —



In Loving Memory of a dear and loving son, brother, brother-in-law and uncle, who passed away 27 years ago,
KEVIN HENRY SLINGERLAND

April 17, 1968 – July 23, 1996

Gone are the days we used to share,
But in our hearts you are always there.
The gates of memories will never close,
Because we miss you more than anybody knows.
Kevin, we love and miss you every day,
Always & Forever.

From your loving family...

Mom, Dad, Stephen, Laurie, Christopher & Danielle

If you require assistance in placing an announcement ad, please call our office at 519-398-9098

In Loving Memory of
GEORGE EDWARD BIEKX
July 23, 1999



Biekx Family: In front, left to right, brother Red, mother Audrey, George Edward Biekx. In back, left to right, brother Ted, brother Odiel, father Victor, brother Frank.

Love Family



TAYLOR CAMPBELL

STAYIN' COOL Ahmad Almana, 11, helped neighbours beat the heat Monday with his lemonade stand at the corner of Prince Road and Peter Street in the west end. Environment Canada forecasts the hot and humid weather will continue, with even overnight lows remaining in the 20s until Saturday. Wednesday's humidex high is 37 C.

London council approves homeless hub plan after move to delay quashed

RANDY RICHMOND

LONDON, ONT. After a five-hour debate, London city politicians late Monday agreed to go ahead with a homeless hub plan.

Although the debates and questions took a long time, the votes supporting the plan weren't close. By an 11-4 vote, city council members, sitting as the strategic priorities and policy committee, endorsed the plan's principles. And by a 12-3 vote, they directed staff to take steps to determine the agencies that will lead operation of the first five hubs and locations for those hubs. Opposed were Paul Van Meerbergen, Susan Stevenson and Peter Cuddy.

Staff will also begin looking for financing for the hubs, including requesting money from the Fund for Change that was kick-started by a \$25-million private donation.

A move by a handful of politicians to delay the vote for a month was defeated, with most saying the crisis needs action now.

Staff was directed to create "a continuous public feedback loop" on the hubs' implementation plan and the system changes in general, and hold some public education sessions on the rollout.

The mayor and budget chief will now get a seat at the strategy and leadership table of the health and homelessness network that developed the hubs plan.

At the meeting Monday, politicians also directed the mayor and staff to advocate for a provincial addictions rehabilitation site in London.

The votes are essentially recommendations to city council, which was set to meet Tuesday for a final vote on the matter.

Council members had dozens of questions to staff and community leaders about how the hubs will begin. Still to be discussed fully is the potentially contentious matter of people using illicit drugs at the hubs, which arose briefly Monday night and will likely return when individual hubs are debated.

Here's a sampling of what council members said about the plan. ■ Ward 6 Coun. Sam Trosow: "This is an important milestone for the

city. We are about to do something new, we are about to do something very different. One of the questions tonight is, if we're successful, people are going to flock here, what are we going to do? My answer to that is, if we're successful, people are going to be doing what we're doing. People are looking up to London because people in other jurisdictions know we are ahead of the game."

■ Mayor Josh Morgan: "This was designed by our hospitals, front line workers, people with lived or living experience, social service agencies, emergency services, outreach workers, the private sector. Can any of us in good faith look at these individuals and all of the groups and honestly say, I think we've got a better way. I think we've got more expertise. And if we reject this system, who are we going to ask to design the next one?"

■ Ward 7 Coun. Corrine Rahman: "The easy thing to do is to put a decision like this off and the hard thing to do is to make a decision. We've had five community open houses and we heard from 600 individuals. There were 41,870 times that the consultation posts were viewed."

■ Ward 4 Coun. Susan Stevenson: "I think the easy thing is to just say yes and go along and not have those interactions with the public. The details only came out a week ago. A lot of information is coming out in this question-and-answer period tonight, and in less than 24 hours later we're going to make a decision. There is not time to interact with the public and for them to digest something that is so important."

WHAT THE HUBS ARE:

■ 24/7 safe spaces: Provide immediate basic needs, including places to rest and sleep, clothing, food, wound care, hygiene. Around 25 to 30 beds are transitional (a reserved stay with a bed dedicated to an individual).

■ Roughly five to 10 are respite beds (non-reserved, with flexible in and out). Hubs also provide health care, housing help, income supports, transportation aid, justice system services. Once a person is stabilized, getting housing is the focus.

INTERNATIONAL MARKET

<p>ASPARAGUS WED-SUN ONLY PRODUCT OF PERU \$1.99 LB BUNCH</p>	<p>FRESH LEAN GROUND BEEF \$4.99 LB 10LB BAG</p>	<p>SWEET GREEN SEEDLESS \$1.99 LB</p>
<p>BLOW OUT SALE ALL PERENNIALS & ANNUALS HALF PRICE! EXCLUDES TROPICALS</p>	<p>HUGE BOSTON FERNS 2 FOR \$30 \$17.99 EA</p>	
<p>SWEET LARGE SEEDLESS WATERMELON \$4.99 EA</p>	<p>FRESH OUT OF SHELL CALIFORNIA WALNUTS 5LB BAG \$2.99 LB</p>	
<p>FRESH SOUTHERN FIELD TOMATOES \$1.49 LB</p>	<p>LARGE RED SWEET BELL PEPPERS 4 FOR \$3.49</p>	
<p>JUICY SWEET GOLDEN PINEAPPLES \$2.99 EA</p>	<p>SWEET JUMBO BLACK BING CHERRIES \$2.99 LB</p>	
<p>FRESH CRISP CELERY HEARTS 2 FOR \$4</p>	<p>FRESH MADE GOURMET BURGERS ALPENO CHEDDAR, BACON MUSHROOM SWISS & MEDITERRANEAN PORK & BEEF \$6.99 LB</p>	
<p>SUMMER SPECIAL!!! DIRECT FROM MONTREAL</p>	<p>FRESH WHOLE BEEF TENDERLOIN \$13.99 LB</p>	
<p>PREMIUM CORNED BEEF BRISKET \$7.99 LB</p>	<p>FRESH MADE AUTHENTIC MEDITERRANEAN BEEF KAFTA \$5.99 LB</p>	
<p>FRESH CANADIAN AAA RIBEYE STEAKS \$18.99 LB</p>	<p>HUNGARIAN AND GERMAN SALAMI \$7.99 LB</p>	
<p>SAPUTO MILD PROVOLONE REG \$11.99 PIECE OR SLICED \$7.99 LB</p>	<p>SLICED YOUR WAY \$7.99 LB</p>	

MON-SAT 8-8 SUNDAY 8-6
2144 Huron Church Rd. • 519-966-2241

We reserve the right to limit quantities. While Quantities Last. All offers valid from Wednesday, July 26th till Tuesday Aug 1st, 2023.

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Want to advertise with us? Get in touch at 519-255-5555 or adquiries@windsorstar.com.

Wednesday, July 26, 2023

[Cover Letter sent to Agency Contacts](#)

To whom it may concern,

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Currently, BBGS is capable of outputting 570 megawatts (MW) to Ontario's electricity grid. The upgrades will increase the turbine firing temperature, resulting in an output capacity of 612.5 MW. This proposed increase of 42.5 MW results in the upgrades being subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. The attached Notice was issued to communicate the start of the Environmental Screening Process. A copy of the Notice was published in the Windsor Star, Southpoint SUN and River Town Times on Wednesday, July 26, 2023, and is also available on the project webpage at aturapower.com/brightonupgrade.

Atura is committed to engaging Indigenous communities, agencies, the public and other interested parties on all projects. A virtual public meeting will be hosted on **Thursday, August 17, 2023, from 6:30 to 7:30 p.m.** to share more about the planned upgrades and collect feedback from members of the public. The attached Notice includes details on how to join. Outreach to Indigenous communities is also underway to learn how they wish to be engaged about the project.

For more information about the project, please visit our project webpage (see link above). If you have any other questions or inquiries, please do not hesitate to contact us at brightonupgrade@aturapower.com.

Sincerely,



Ryan Dube
Project Manager, Technical Development
Atura Power

Wednesday, July 26, 2023

[Cover Letter sent to MECP Contacts](#)

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Atura is seeking input from the Ministry of Environment, Conservation and Parks (MECP) regarding the Indigenous communities that should be engaged as part of the Environmental Screening Process. The attached Notice includes a map of the project location. We would appreciate if the MECP would provide us with a list of communities with whom we should engage on this project. Given that the planned upgrades to BBGS are minor, similar to routine maintenance activities and will be contained entirely within the footprint of BBGS, Atura will be in contact with Mr. Nick Colella, Manager (Acting) of Environmental Assessment Services with the MECP, to pursue an exemption to the Ontario *Environmental Assessment Act* for this project.

For more information about the project, please visit our project webpage (see link above). If you have any other questions or inquiries, please do not hesitate to contact us at brightonupgrade@aturapower.com.

Sincerely,



Ryan Dube
Project Manager, Technical Development
Atura Power

Wednesday, July 26, 2023

[Cover Letter sent to Other
Agencies/Utilities and Nearby Businesses](#)

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Atura is committed to engaging all interested parties on all our projects. This includes you, our valued neighbours. We want to hear from you and would like to **invite you to attend a virtual public meeting on Thursday, August 17, 2023, from 6:30 to 7:30 p.m.** to learn more about the planned upgrades and give us your feedback. The attached Notice includes details on how to join.

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Sincerely,



Ryan Dube
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Atura Power

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[Cover Letter sent to Indigenous Communities](#)

[address]
[address]
[address]

Dear [Recipient],

This letter is to inform you that Atura Power (Atura) is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS), also known as Brighton Beach Power, at 100 Broadway St., Windsor, Ont. The proposed work will be limited to replacing parts of the existing combustion turbines with more efficient parts that will allow a higher turbine firing temperature. These upgrades will occur during a regular maintenance cycle but, due to improved technology, will result in better performance. All activities to complete the upgrades will take place within the footprint of the existing facility. This project is part of Atura's effort to build a more efficient and resilient electricity grid in Ontario.

Currently, BBGS is capable of outputting 570 megawatts (MW) to Ontario's electricity grid. The upgrades will increase the turbine firing temperature, resulting in an output capacity of 612.5 MW. Since the upgrades will result in a 42.5 MW increase in the electrical output of BBGS, it is subject to the Environmental Screening Process for Electricity Projects per Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. The attached Notice was issued to communicate the start of the Environmental Screening Process. A copy of the Notice was also published in the Windsor Star, Southpoint SUN and River Town Times on Wednesday, July 26, 2023, and is also available on the project webpage at aturapower.com/brightonupgrade.

Atura is committed to engaging with interested Indigenous communities on all projects. In addition to reaching out through this letter, we have been reaching out to your offices to share information about the project and learn how you wish to participate in this process. A virtual public meeting will be hosted on **Thursday, August 17, 2023, from 6:30 to 7:30 p.m.** where members of the public can learn more about the planned upgrades and provide feedback, and we are also planning separate engagement sessions with interested Indigenous communities such as yourselves. We look forward to connecting with you further to begin learning how you might wish to participate.

For more information about the project, please visit our project webpage (see link above). If you have any other questions or inquiries, please do not hesitate to contact Kelly Grieves at kelly.grieves@aturapower.com.

Sincerely,



Shelley Babin
President and CEO
Atura Power

Appendix B2: Virtual Public Meeting Materials

Appendix B2a: Virtual Public Meeting Presentation

Atura Power

Brighton Beach Generating Station Efficiency Upgrades

Public Meeting

An opportunity to learn about the proposed efficiency upgrades and share your feedback.

August 17, 2023



Order of Events

Agenda

1. Introductions and Land Acknowledgement

2. Project and Proponent Information



Presentation is being recorded

3. Environmental Assessment Process



Materials will be available online

4. Next Steps

5. Question Period



Moderator will mute participants; chat function is available for questions

6. Closing Comments



Comments or questions can be sent to: brightonupgrade@aturapower.com

Land Acknowledgement

Atura Power respectfully acknowledges that the land we're gathered on today is the traditional territory of the Three Fires Confederacy of First Nations, comprised of the Ojibwe, the Odawa and the Potawatomi Peoples.

Atura Power is committed to fostering positive and mutually beneficial relationships with Indigenous people and communities across Ontario. We are grateful to work, learn, and live in this area.



Comments or questions can be sent to: brightonupgrade@aturapower.com

Project Information

Name of Project

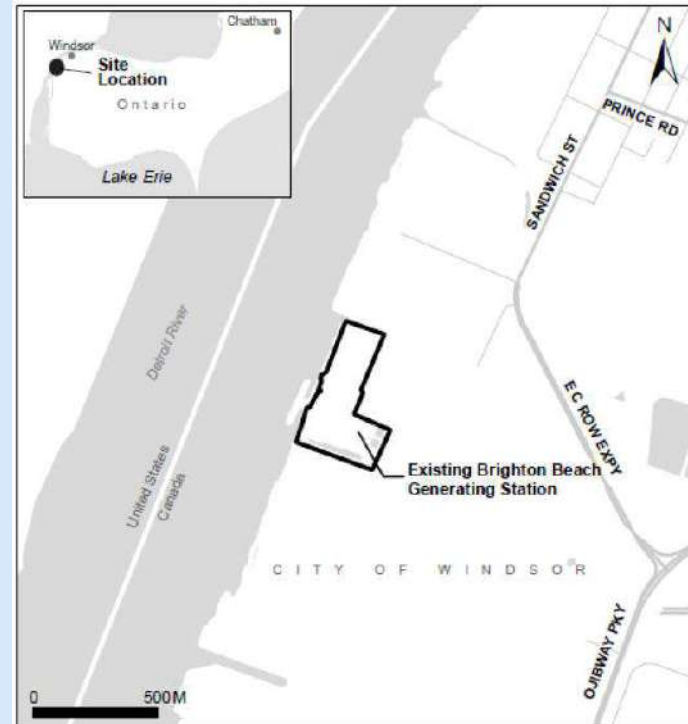
- Brighton Beach Generating Station (BBGS) Efficiency Upgrades

Location

- 100 Broadway Street, Windsor, Ontario

Proposed Activity

- Replacing parts of the combustion turbines with upgraded parts that will result in a minor increase in plant output capacity



Comments or questions can be sent to: brightonupgrade@aturapower.com

Proponent Information

Atura Power's Fleet of Generation Assets

A subsidiary of Ontario Power Generation, Atura Power owns and operates Ontario's largest fleet of combined-cycle gas turbine power plants, with 2,715 megawatts (MW) of capacity across four facilities



1. Brighton Beach Generating Station
Capacity 570 MW



2. Halton Hills Generating Station
Capacity 683 MW



4. Napanee Generating Station
Capacity 900 MW



3. Portlands Energy Centre
Capacity 562 MW



5. Oakville Head Office

Comments or questions can be sent to: brightonupgrade@aturapower.com



Community Outreach and Support

Strong Local Partner for 19 Years

Atura Power annually donates more than \$20,000 to local charities and organizations including:

- Gen. Brock Public School Breakfast Club
- Windsor 131st Birthday Celebration/Mayor's Walk
- UHC-Hub of Opportunities
- 2022 Windsor Sponsor Recognition Award
- Harmony In Action
- Sparky's Toy Drive



Comments or questions can be sent to: brightonupgrade@aturapower.com

Project Need

- The Independent Electricity System Operator (IESO) is the Crown corporation responsible for operating the electricity market in Ontario
- The IESO predicts Ontario will face an energy shortage as a result of growing demand and nuclear refurbishments; an additional 4,000 MW are needed by the end of the decade to maintain the system's reliability
- Proposed BBGS upgrades are part of Atura Power's efforts to address this supply gap, providing a cost-effective and timely solution to secure operational flexibility in the Ontario electricity grid
- Upgrading the two turbines with more efficient parts will increase the output capacity of BBGS by 42.5 MW



Comments or questions can be sent to: brightonupgrade@aturapower.com



Project Description

- Replacing parts of the existing turbines with parts made of materials with optimized cooling characteristics
- Will allow BBGS to generate more electricity using a similar amount of natural gas
- All activities will be within the existing facility; **no changes or expansion of existing footprint**

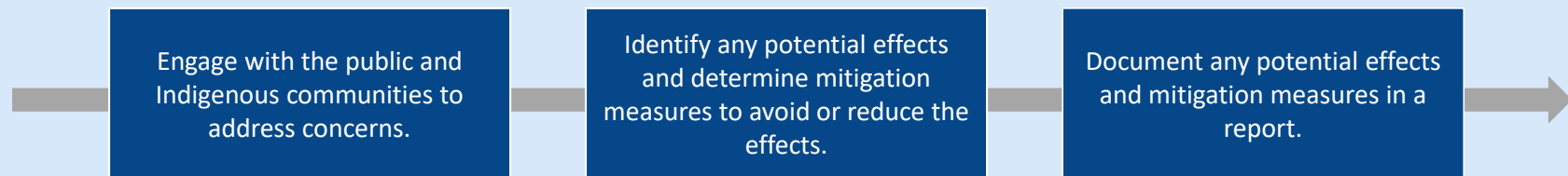


Comments or questions can be sent to: brightonupgrade@aturapower.com

Environmental Assessment (EA) Process

- The project will result in a >5 MW increase in the output capacity of BBGS
- The capacity increase of 42.5 MW triggers the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario Environmental Assessment Act
- The Project is classified as a Category B project under the Environmental Screening Process
- Atura Power is proceeding with a **Screening Stage assessment**

Purpose of the Screening Stage Assessment

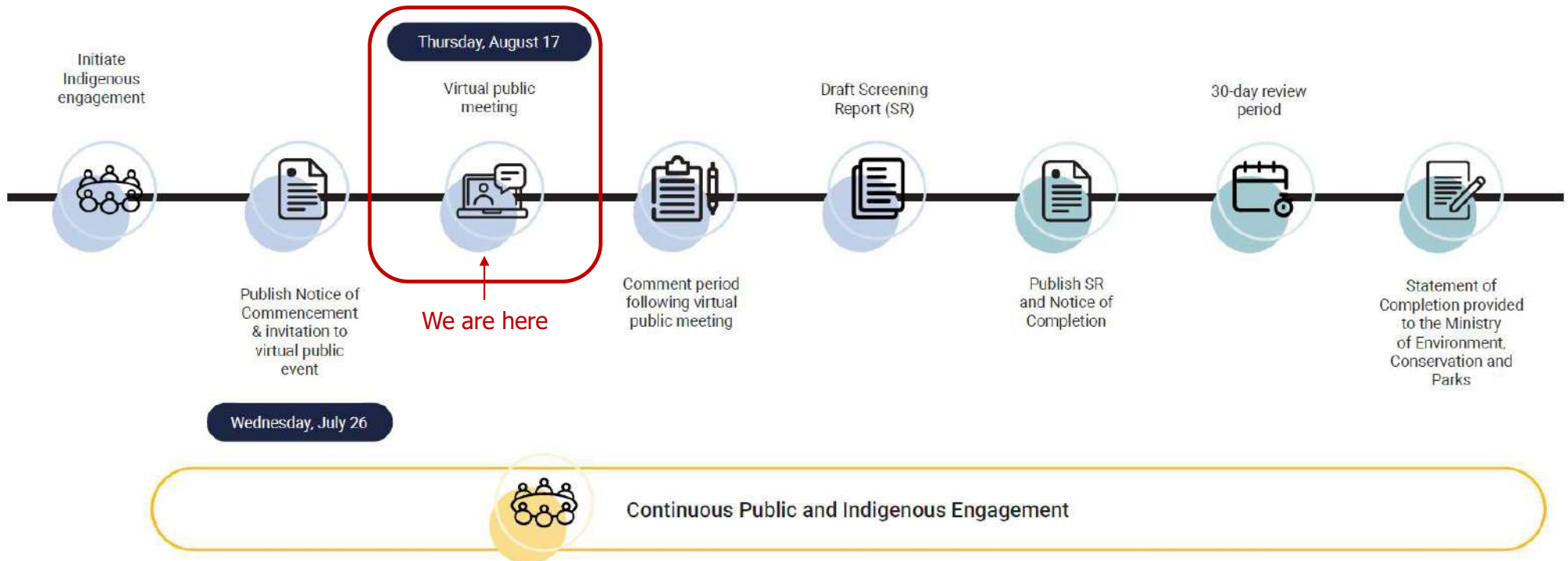


Comments or questions can be sent to: brightonupgrade@aturapower.com

Public and Indigenous Engagement

July - September 2023

October - November 2023



Comments or questions can be sent to: brightonupgrade@aturapower.com



Environmental Effects

- The Screening criteria in Ontario Regulation 116/01 require the project to be reviewed against the following criteria:
 1. Surface and groundwater
 2. Land
 3. Air and noise
 4. The natural environment
 5. Resources
 6. Socio-economic
 7. Heritage and culture
 8. Other environmental features
- Engagement with Indigenous communities and the public is also an important part of the Screening Process. Engagement is ongoing and will continue throughout the life of the project.



Comments or questions can be sent to: brightonupgrade@aturapower.com

Environmental Effects

- No changes to the Screening criteria are anticipated given that the upgrade activities are limited to the footprint and will occur within the existing facility.
- Emission concentrations (NO, NO₂, and CO) will remain the same following the upgrades according to General Electric (GE) Gas Power, the manufacturer of the equipment being installed for the upgrades.
- Further, BBGS will continue to meet relevant air quality regulations required by the Ministry of Environment, Conservation and Parks (MECP) and will continue to operate in accordance with the emissions permit requirements.



Comments or questions can be sent to: brightonupgrade@aturapower.com

Next Steps and Timeline

Next steps and timelines associated with completing the upgrades are:

Activity	Timeline
Permits and Approvals: Environmental Compliance Approval Amendment	Submitted Q3/Q4 2023
IESO New Contract Extension	Announced May 16, 2023
Turbine Upgrades	Spring 2025
Commissioning and Testing	Spring 2025
Operations	Spring/Summer 2025



Comments or questions can be sent to: brightonupgrade@aturapower.com

Exemption Process

- Proponents can request the MECP exempt a project from the Ontario *Environmental Assessment Act*. Atura Power is requesting an exemption from the MECP based on the following rationale :
 - BBGS facility activities are heavily regulated under permits
 - Activities to complete the upgrades will occur within the existing facility
 - Upgrades will improve operational efficiency, grid resiliency, and bring economic benefits
 - Atura Power is in the process of obtaining an amended air emissions permit which includes updated technical studies and engagement with agencies, and
 - BBGS will continue to meet relevant air quality regulations required by the MECP and will continue to operate in accordance with the emissions permit requirements.
- Atura Power will be undertaking this process in parallel with the Environmental Screening Process.



Comments or questions can be sent to: brightonupgrade@aturapower.com

Closing

Thank You

Questions?

Please email further comments and feedback to:
brightonupgrade@aturapower.com



Atura Power

Appendix B2b: Frequently Asked Questions (FAQs)

Brighton Beach Generating Station Efficiency Upgrades Frequently Asked Questions

Below are some frequently asked questions and answers about the Brighton Beach Generating Station (BBGS) efficiency upgrades. If you have a question that is not shown below, please send us an email at brightonupgrade@aturapower.com and a project representative will respond to your inquiry.

Why is Atura Power making these efficiency upgrades?

After years of strong energy supply, Ontario is entering a period of growing electricity system demand (a predicted energy supply gap) and actions are needed to ensure the continued reliability of the electricity grid.

To close this gap and meet the projected demand, the Independent Electricity System Operator (IESO) is moving forward with a procurement process to meet near, medium, and long-term energy needs while maintaining the province's focus on cost-effective reliability. The upgrades to BBGS are part of Atura Power's efforts to address this supply gap. The upgrades will mean BBGS will produce more electricity for a similar amount of natural gas consumed.

What is causing the energy supply gap in Ontario?

Ontario's electricity sector is undergoing a period of major transformation. New decarbonization policies coupled with rapid growth in the mining, greenhouse and industrial sectors are accelerating electricity demand growth across the province and heightening needs in certain regions.

The IESO's most recent Annual Planning Outlook (APO) reflects these trends. It projects a steady rise in electricity demand that highlights the strengths of Ontario's communities and economy to navigate the challenges of the pandemic, pursue electrification and support economic growth.

I thought we wanted to stay away from coal and/or natural gas. Why are we upgrading a natural gas power plant?

To address this changing environment, the IESO established the Resource Adequacy Framework in 2021 to provide a flexible and cost-effective approach for competitively securing the resources necessary to meet demand. These upgrades are part of the plan IESO put in place to meet Ontario's energy needs.

What will the upgrades include? What changes will be made?

We will be replacing rotating and non-rotating components within the gas turbine (blades, seals, nozzles, etc.). These upgraded parts are more efficient due to the advanced materials used to allow the turbine to run hotter and more fuel efficiently, extracting the maximum amount of power possible.

How long will the upgrades take?

The upgrades will be done as part of our annual spring plant outage in 2025. The upgrade specific work will take approximately four weeks per unit to disassemble, replace parts and reassemble the gas turbines. There are two units and they will be completed one at a time.

Will there be more upgrades in the future?

These are the only current upgrade plans for BBGS, as this is the latest technology available. That being said, Atura Power always strives to be on the leading edge of technology and will be open to future advancements that make the engines run more efficiently.

Who will be undertaking the upgrades?

General Electric (GE) Gas Power – Services will be providing the new parts and performing the work using local skilled trades from Ontario.

What environmental effects will the upgrades have?

No environmental effects are anticipated given that the upgrades will take place within the existing facility and GE Gas Power – Services, the manufacturer of the equipment being installed for the upgrades, has provided guarantees that the air pollutant and noise emissions are not expected to change as a result of the upgrades.

BBGS will continue to meet the relevant Ministry of Environment, Conservation and Parks (MECP) air quality regulations and will continue to operate in accordance with the environmental permitting requirements.

Will the upgrades increase the noise at the plant?

GE Gas Power – Services, the manufacturer of the equipment being installed for the upgrades, has confirmed that noise levels from the facility are not expected to change as a result of the upgrades.

How much more air pollutants will be released because of these upgrades?

GE Gas Power – Services, the manufacturer of the equipment being installed for the upgrades, has confirmed that there will be no change to the in-stack concentrations of air pollutants (NO_x and CO) as a result of the facility upgrades.

What is a Screening Stage assessment?

A Screening Stage assessment is a specific environmental assessment process that certain projects that fall under the Ontario Electricity Project Regulation must complete to meet the environmental assessment requirements under the Ontario *Environmental Assessment Act*.

Will I get to review the Screening Report?

Yes, the assessment process includes a 30-day review period during which time anyone, including members of the public, can review the Screening Report. Information on the availability of the Screening Report will be published in the same publications used to announce the project in July, 2023: the *Windsor Star*, *River Town Times*, and *Southpoint Sun*. Information will also be posted on our project webpage at aturapower.com/brightonupgrade.

Who can give me answers about this project?

Comments and questions about the project can be sent to brightonupgrade@aturapower.com at any time. A project representative will respond to your inquiry.

Appendix B3: Project Contact List

Atura - Brighton Beach GS Upgrades Contact List



Category	Subcategory	Organization	Contact Name & Title	Email	Phone Number	Address
MECP Contacts						
Agency	Provincial	Ministry of Environment, Conservation and Parks	General Contact	ClassEAnotices@ontario.ca	-	-
Agency	Provincial	Ministry of Environment, Conservation and Parks	General contact	eanotification.swregion@ontario.ca	-	-
Agency	Provincial	Ministry of Environment, Conservation and Parks	Monika Macki, Environmental Resource Planner	monika.macki@ontario.ca	-	-
Elected Officials						
Elected Official	Federal	Member of Parliament	Chris Lewis	Chris.Lewis@parl.gc.ca	519-776-4700	35 Victoria Avenue Unit 7B Essex, Ontario N8M 1M4
Elected Official	Provincial	Member of Provincial Parliament	Lisa Gretzky	LGretzky-CO@ndp.on.ca	519-977-7191	2443 Dougall Ave. Windsor, ON N8X 1T3
Elected Official	Municipal	Town of Essex	Sherry Bondy, Mayor	sbondy@essex.ca	-	-

Category	Subcategory	Organization	Contact Name & Title	Email	Phone Number	Address
Elected Official	Municipal	City of Windsor	Fred Francis, Councillor	ffrancis@citywindsor.ca	519-250-4607	350 City Hall Square West, Suite 530 Windsor, ON N9A 6S1
Elected Official	Municipal	City of Windsor	Drew Dilkens, Mayor	mayoro@citywindsor.ca	519-255-6315	350 City Hall Square West, Suite 530 Windsor, ON N9A 6S1
Elected Official	Municipal	City of Windsor	Abe Taqtaq, Mayor's Chief of Staff	ataqtaq@citywindsor.ca	519-990-8171	350 City Hall Square West, Suite 530 Windsor, ON N9A 6S1
Elected Official	Municipal	City of Windsor	Christine Chauvin, Mayor's Office	CChauvin@citywindsor.ca	-	350 City Hall Square West, Suite 530 Windsor, ON N9A 6S1
Elected Official	Municipal	County of Essex	Mary Birch, Director, Legislative and Community Services / Clerk	mbirch@countyofessex.ca	519-776-6441 x 1335	Essex County Civic Centre Community Services, 360 Fairview Avenue West Suite 310 Essex, Ontario N8M 1Y6

Category	Subcategory	Organization	Contact Name & Title	Email	Phone Number	Address
Elected Official	Municipal	City of Windsor	Matthew Johnson, Executive Director (Economic Development)	majohnson@citywindsor.ca	-	-
Elected Official	Municipal	City of Windsor	Karina Richters, Supervisor (Environmental Sustainability and Climate Change)	krichters@citywindsor.ca	-	-
Elected Official	Municipal	City of Windsor	Michelle Moxley-Peltier, Community Energy Plan Administrator	mmoxleypeltier@citywindsor.ca	-	-
Agencies - Federal						
Agency	Federal	Environment and Climate Change Canada	Rob Clavering, Manager Environmental Assessment Section	robert.clavering@ec.gc.ca	416-458-9670	-
Agencies - Provincial						
Agency	Provincial	Independent Electricity System Operator (IESO)	General Contact	contract.management@ieso.ca	905-403-6900	1600-120 Adelaide Street W Toronto, ON M5H 1T1
Agency	Provincial	Ministry of Citizenship and Multiculturalism – Heritage, Tourism and Culture Division	Karla Barboza, Team Lead(A), Heritage	karla.barboza@ontario.ca	416-660-1027	c/o Heritage Planning Unit 400 University Ave 5th Floor

Category	Subcategory	Organization	Contact Name & Title	Email	Phone Number	Address
						Toronto, ON M7A 2R9
Agency	Provincial	Ministry of Citizenship and Multiculturalism – Heritage, Tourism and Culture Division	Joseph Harvey, Heritage Planner	joseph.harvey@ontario.ca	613-242-3743	Ministry of Citizenship and Multiculturalism 400 University Ave. 5th Floor Toronto, ON M7A 2R9
Agency	Provincial	Ministry of Colleges and Universities	Lindsey Harrold, Director	lindsey.harrold@ontario.ca	437-227-5276	Postsecondary Finance and Information Management Branch Ministry of Colleges and Universities 315 Front Street W, 16th Floor Toronto, ON M7A 0B8
Agency	Provincial	Ministry of Energy	Michael Di Cosmo, A/Coordinator	michael.dicosmo@ontario.ca	437-770-7960	Ministry of Energy 77 Grenville St., 6th Floor Toronto, ON M7A 1B4
Agency	Provincial	Ministry of Infrastructure – Infrastructure Ontario	Joanna Craig, Planner	noticereview@infrastructureontario.ca	647-965-6703	1 Dundas St W 20th Floor, Toronto, ON M5G 1Z3

Category	Subcategory	Organization	Contact Name & Title	Email	Phone Number	Address
Agency	Provincial	Ministry of Mines	Tracey Burton, Manager (A) – Strategic Support Unit	tracey.burton@ontario.ca	705-918-1609	Willet Green Miller Centre 933 Ramsey Lake Rd, 2nd Floor Sudbury, ON P3E 6B5
Agency	Provincial	Ministry of Mines	Melanie Johnson, Senior Strategic Initiatives Lead	melanie.johnson@ontario.ca	705-698-5041	Willet Green Miller Centre 933 Ramsey Lake Rd, 2nd Floor Sudbury, ON P3E 6B5
Agency	Provincial	Ministry of Natural Resources and Forestry	Jessica Post, Land Use Planning and Strategic Issues Section Administrative Assistant	SR.Planning@ontario.ca	705-761-4839	Ministry of Natural Resources and Forestry 300 Water Street, Box 7000 4th Floor, South Tower Peterborough, ON K9J 8MS Attn: Jessica Post, Land Use Planning and Strategic Issues Section Administrative Assistant
Agency	Provincial	Ministry of Transportation	Michael Nadeau, Manager (Engineering Program Delivery West))	michael.nadeau@ontario.ca	226-688-4799	Ministry of Transportation 159 Sir William Hearst Ave 5th Floor, Building D Toronto, ON M3M 0B7
Agency	Provincial	Ministry of the Solicitor General	Wagdy Guirgis, Manager(A), Capital	wagdy.guirgis@ontario.ca	647-201-6169	25 Grosvenor St., 13th Floor,

Category	Subcategory	Organization	Contact Name & Title	Email	Phone Number	Address
			Planning Facilities and Capital Planning Branch			Toronto, ON M7A 1Y6
Agency	Provincial	Ministry of the Solicitor General	Amorette Rodrigues, Manager(A), P3 Delivery and Operations Facilities and Capital Planning Branch	amorette.rodriques@ontario.ca	647-244-6341	25 Grosvenor St., 13th Floor, Toronto, ON M7A 1Y6
Agency	Provincial	St. James Catholic Elementary School	Kim Capaldi, Principal	-	(519) 252-9960	1601 St. James Street, Windsor, Ontario, N9C 3P6
Agencies – Regional						
Agency	Regional	Bell Canada	General Contact	-	519-735-1447	23 Amy Croft Dr, Windsor, ON N9K 1C7
Agency	Regional	Cogeco	General Contact	Windsor.Storefront@cogeco.com	1-866-261-4447	Devonshire Mall, 3100 Howard Ave, Windsor, ON N8X 3Y8
Agency	Regional	Detroit River Canadian Cleanup Group	General Contact	lanoue@detroitriver.ca	519-982-2210	311-360 Fairview Ave West Essex, Ontario N8M 1Y6
Agency	Regional	E.L.K. Energy Inc.	General Contact	customer.service@elkenenergy.com	519-776-5291	E.L.K. Energy Inc., 172 Forest Ave, Essex ON,

Category	Subcategory	Organization	Contact Name & Title	Email	Phone Number	Address
					Toll Free: 1-877-355-7798	N8M 3E4
Agency	Regional	Essex Region Conservation Authority	General contact	admin@erca.org	519-776-5209	360 Fairview Avenue West, Suite 311 Essex, ON N8M 1Y6
Agency	Regional	Essex Region Conservation Authority	Kathleen Schnekenburger, Resource Planner	kschnekenburger@erca.org	519-776-5209 x 215	360 Fairview Avenue West, Suite 311 Essex, ON N8M 1Y6
Agency	Regional	Essex Fire and Rescue	Jason Pillon, Deputy Chief	Contact through website https://www.essex.ca//Modules/email/emailattachment.aspx?CV2=YKCsbyyeyq3xP2wiqZRbPQeQuAleQuAl&ref=https://www.essex.ca/en/news/town-of-essex-names-new-deputy-fire-chief.aspx&lang=en	-	Essex Fire Station #1 55 Alice Street Essex, Ontario N8M 1C6
Agency	Regional	Lou Romano Water Reclamation Plant	General Contact	-	-	4155 Ojibway Pkwy, Windsor, ON N9C 4C3
Agency	Regional	Starlink	General Contact	info@swarm.space	-	-
Agency	Regional	WaveDirect	General Contact	-	519-737-9283	158 Erie St. N. Leamington, ON

Category	Subcategory	Organization	Contact Name & Title	Email	Phone Number	Address
						N8H 3A4
Agency	Regional	Windsor Detroit Bridge Authority	General Contact	-	FAX 1-800-862-1233	400 - 100 Ouellette Ave. Windsor, ON N9A 6T3
Agency	Regional	Windsor Port Authority	General Contact	wpa@portwindsor.com	-	-
Agency	Regional	Windsor Police Service	Jason Bellaire, Chief of Police	info@police.windsor.on.ca	-	150 Goyeau Street P.O. Box 60 Windsor, ON N9A 6J5
Agency	Regional	Xplornet	Corporate Office	-	905-513-9757	625 Cochrane Drive, Suite 1000, Markham, Ontario, L3R 9R9
Utilities						
Agency	Utility	Hydro One Networks Inc.	General Contact	SecondaryLandUse@HydroOne.com	-	P.O. Box 5700 Markham, ON L3R 1C8
Agency	Utility	Ontario Power Generation (OPG)	Tammy Wong, Senior Environment Specialist	tammy.wong@opg.com	416-592-4548	700 University Avenue Toronto, ON M5G 1X6

Appendix B4: Correspondence Records with Members of the Public

Atura Power has not received any comments/questions from members of the public regarding the BBGS Efficiency Upgrades project, to date.

Appendix B5: Correspondence Records with Municipal Staff and Elected Officials

Email sent by Atura Power to Municipal Staff and Elected Officials, including cover letter and Notice of Commencement, on Jul. 26, 2023

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Sent: July-26-23 7:38 AM

To: Darius Sokal <Darius.Sokal@aturapower.com>

Subject: Efficiency Upgrades at Brighton Beach Generating Station

Good morning.

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station, located at 100 Broadway St. in Windsor, Ont. This email, attached letter and *Notice of Commencement of a Screening and Invitation to a Virtual Public Meeting* provide more details on the proposed activities, engagement opportunities and how to learn more.

Thank you,

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

Wednesday, July 26, 2023

To whom it may concern,

This letter is to inform you that Atura Power (Atura) is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS), also known as Brighton Beach Power, at 100 Broadway St., Windsor, Ont. The proposed work will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts that will allow a higher turbine firing temperature. These upgrades will occur during a regular maintenance cycle but, due to improved technology, will result in better performance. All activities to complete the upgrades will take place within the footprint of the existing BBGS. This project is part of Atura's effort to build a more efficient and resilient electricity grid in Ontario.

Currently, BBGS is capable of outputting 570 megawatts (MW) to Ontario's electricity grid. The upgrades will increase the turbine firing temperature, resulting in an output capacity of 612.5 MW. This proposed increase of 42.5 MW results in the upgrades being subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. The attached Notice was issued to communicate the start of the Environmental Screening Process. A copy of the Notice was published in the Windsor Star, Southpoint SUN and River Town Times on Wednesday, July 26, 2023, and is also available on the project webpage at aturapower.com/brightonupgrade.

Atura is committed to engaging Indigenous communities, agencies, the public and other interested parties on all projects. A virtual public meeting will be hosted on **Thursday, August 17, 2023, from 6:30 to 7:30 p.m.** to share more about the planned upgrades and collect feedback from members of the public. The attached Notice includes details on how to join. Outreach to Indigenous communities is also underway to learn how they wish to be engaged about the project.

For more information about the project, please visit our project webpage (see link above). If you have any other questions or inquiries, please do not hesitate to contact us at brightonupgrade@aturapower.com.

Sincerely,



Ryan Dube
Project Manager, Technical Development
Atura Power

Notice of Commencement of a Screening and Invitation to a Virtual Public Meeting

Brighton Beach Generating Station Upgrades

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station (BBGS – also known as Brighton Beach Power).

Project Description

BBGS has operated since 2004 in the County of Essex at 100 Broadway St., Windsor, Ont. It's capable of outputting 570 megawatts (MW) to Ontario's electricity grid.

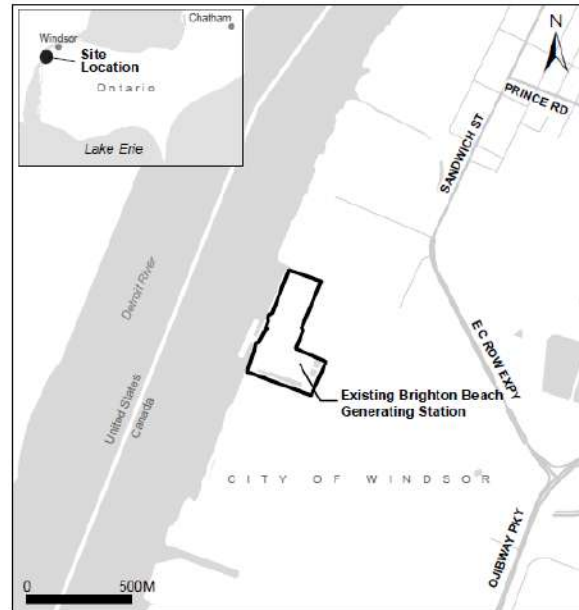
The upgrades will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts during a regular maintenance cycle and will result in an increase in output capacity to 612.5 MW. All upgrades will take place within the existing building and there will be no changes or expansion beyond the existing BBGS footprint.

Atura Power is committed to building a resilient electricity grid in Ontario and is working to address the energy supply shortfall that Ontario will experience in the near future. The planned efficiency upgrades to BBGS are part of Atura Power's efforts to address this supply gap and to make energy production more efficient and affordable.

Environmental Screening Process

Since the project will result in a 42.5 MW increase in output capacity of BBGS, it's subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. This Notice is issued to communicate the start of the Environmental Screening Process.

Atura Power



Virtual Public Meeting

Atura Power is committed to engaging with Indigenous communities, the public and other stakeholders on all our projects. We invite you to attend an upcoming virtual public meeting to learn more and provide feedback. **You can access the link to join the public meeting on the project webpage.**

How to Join

Date: August 17, 2023
Time: 6:30 to 7:30 p.m. EST
Project webpage: aturapower.com/brightonupgrade

If you are unable to participate, meeting materials will be posted on the project webpage for review following the meeting.

Project Contacts

Please email your questions or comments to brightonupgrade@aturapower.com.

For more information: aturapower.com/brightonupgrade

Comments and information regarding this project are being collected in accordance with the *Freedom of Information and Protection of Privacy Act* for the purpose of meeting environmental assessment requirements.

FW: Efficiency Upgrades at Brighton Beach Generating Station

From: Darius Sokal <Darius.Sokal@aturapower.com>
Sent: Wednesday, July 26, 2023 12:30 PM
To: LGretzky-QP@ndp.on.ca
Subject: Efficiency Upgrades at Brighton Beach Generating Station

Good afternoon, Ms. Gretzky.

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station, located at 100 Broadway St. in Windsor, Ont. This email, attached letter and *Notice of Commencement of a Screening and*

Invitation to a Virtual Public Meeting provide more details on the proposed activities, engagement opportunities and how to learn more.

Please let me know if you have any questions.

Thank you,

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

 **2023-07-26_BBGS Upgrades Letter and Notice.pdf**
186K

FW: Brighton Beach Generating Station Efficiency Upgrades

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: Wednesday, August 16, 2023 11:21 AM
To: LGretzky-CO@ndp.on.ca
Subject: Brighton Beach Generating Station Efficiency Upgrades

Good afternoon.

This email is to remind you that Atura Power will be hosting a virtual public meeting on Thursday, August 17th, from 6:30 to 7:30 p.m. ET about the proposed efficiency upgrades at Brighton Beach Generating Station.

A link to access the meeting will be available on the Brighton Beach Generating Station upgrades project webpage here: aturapower.com/brightonupgrade.

If you are unable to participate, links to meeting materials will be posted on the project webpage following the meeting.

Thank you and please email your questions or comments to brightonupgrade@aturapower.com.

Sincerely,

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

FW: Efficiency Upgrades at Brighton Beach Generating Station

From: Darius Sokal
Sent: Wednesday, July 26, 2023 8:16 AM
To: ffrancis@citywindsor.ca
Subject: Efficiency Upgrades at Brighton Beach Generating Station

Good morning, Councillor Francis.

It's Darius Sokal from Atura Power, owner and operator of Brighton Beach Generating Station.

Please note that I sent an email and PDF to you, plus the Mayor and his Chief of Staff, to make you all aware of our planned efficiency upgrades at our Brighton Beach Generating Station and forthcoming virtual public meeting on August 17, 2023.

Project details are available in the attached letter and Notice, as well as on the project webpage, at www.aturapower.com/brightonupgrade.

Thank you for your attention, and please reach out to me with any questions.

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

 **2023-07-26_BBGS Upgrades Letter and Notice.pdf**
186K

FW: Efficiency Upgrades at Brighton Beach Generating Station

From: Darius Sokal <Darius.Sokal@aturapower.com>
Sent: July 26, 2023 8:12 AM
To: mayoro <mayoro@citywindsor.ca>; Taqtaq, Abe <ataqtaq@citywindsor.ca>
Cc: Chauvin, Christine <CChauvin@citywindsor.ca>
Subject: Efficiency Upgrades at Brighton Beach Generating Station

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Mayor Dilkens and Abe.

Please note that I sent an email and PDF to both of you, plus Councillor Francis, to make you aware of our planned efficiency upgrades at our Brighton Beach Generating Station and forthcoming virtual public meeting on August 17, 2023.

Project details are available in the attached letter and Notice, as well as on the project webpage, at www.aturapower.com/brightonupgrade.

Thank you for your ongoing support, and please reach out to me with any questions.

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

FW: Efficiency Upgrades at Brighton Beach Generating Station

From: Taqtaq, Abe <ataqtaq@citywindsor.ca>
Sent: Wednesday, July 26, 2023 9:38 AM
To: Darius Sokal <Darius.Sokal@aturapower.com>
Subject: RE: Efficiency Upgrades at Brighton Beach Generating Station

Thank you for the email, Darius.

Unfortunately, I will be traveling and unable to attend the virtual session but will get a recap from the recording.

Abe

Abe Taqtaq

Chief of Staff, Office of the Mayor

City of Windsor

ataqtaq@citywindsor.ca

P: (519) 255-6100 ext. 6977

C: (519) 990-8171

350 City Hall Square West

Windsor ON N9A 6S1



FW: Efficiency Upgrades at Brighton Beach Generating Station

From: Darius Sokal
Sent: Wednesday, July 26, 2023 9:48 AM
To: Taqtaq, Abe <ataqtaq@citywindsor.ca>
Subject: RE: Efficiency Upgrades at Brighton Beach Generating Station

Hi Abe.

Thanks for letting me know. We will also post the presentation and a summary of the questions and answers on the webpage.

And, of course, I'd be happy to walk you through the project at a time that works for you.

Darius

Email sent by Atura Power to key municipal staff and elected officials, including a copy of the draft Screening Report, on Dec. 21, 2023

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: December 21, 2023 9:33 PM
To: Stephen Smith <Stephen.Smith@aturapower.com>
Subject: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report
Greetings Interested Parties,

As you know, Atura Power is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS). The upgrades are subject to the Environmental Screening Process for Electricity Projects pursuant to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. Atura Power has prepared a *draft* copy of the Screening Report which documents the results of the Environmental Screening Process undertaken to identify whether any potential environmental effects of the project would occur ('Yes' or 'No'). The Environmental Screening Process determined that the response to all questions is "No", indicating that there are no potential negative environmental effects resulting from the project.

Attached to this email is the draft copy of the Screening Report. We are sharing this draft with Indigenous communities, key agencies and officials such as yourselves, and we will be posting this report to our [project webpage](#) for interested members of the public, to offer an additional opportunity for those interested to review the project details, the Environmental Screening Process undertaken, and assessment findings. Atura Power is voluntarily providing this opportunity so that comments can be incorporated in the final Screening Report. We invite you to review the draft report and share any comments on the report via our project email address, brightonupgrade@aturapower.com. Given we are sharing the report shortly before the holiday season, we are providing an extended review period and will be **accepting comments on the draft report until February 2, 2024**, after which time we will prepare the final version of the Screening Report which will be released later in 2024.

Thank you very much and please contact us at brightonupgrade@aturapower.com with any questions.

Stephen Smith
Environmental Specialist | **Atura Power**
289-259-2377 | Stephen.smith@aturapower.com

From: Moxleypeltier, Michelle (She/Her) <MMoxleypeltier@citywindsor.ca>

Sent: Thursday, February 1, 2024 2:36 PM

To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Cc: Richters, Karina <krichters@citywindsor.ca>

Subject: Re: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

You don't often get email from mmoxleypeltier@citywindsor.ca. [Learn why this is important](#)

Good Afternoon Stephen,

I was forwarded your email from December 21, 2023 by the Mayor's Office at the City of Windsor. Please find below our comments.

Overall, the Environmental Sustainability and Climate Change (ESCC) department at the City of Windsor has no issues with the draft Screening Report (output of the Environmental Screening Process), as the proposed project work to increase BBGS capability will be completed within the existing facility footprint.

The only comment on the draft report is in regards to Table 3-1: Consideration of MECP's Areas of Interest, Climate Change.

On page 17 of the report:

The MECP expects proponents of projects under a Class EA or Environmental Assessment Act Regulation to:

1. Consider during the assessment of alternative solutions and alternative designs, the following:
 - a. **the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation);** and
 - b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation).

Although the report does discuss at a high level changes in greenhouse gas intensity on page 17, no detail is provided for the expected production of GHG emissions for the incremental 42.5MW. ESCC understands that the actual generation at BBGS will be dispatched based on IESO direction and as such it may be challenging to provide an estimate, but we'd like to gain a better understanding of the net impact to BBGS' GHG emissions with the incremental 42.5MW of capability included (i.e. emission reductions due to increased efficiency of equipment vs. emission increases due to increased hourly/annual generation).

Moving forward, the City of Windsor recommends that the following staff be added to the distribution list for engagement events.

Matthew Johnson - Executive Director, Economic Development – majohnson@citywindsor.ca

Karina Richters – Supervisor, Environmental Sustainability and Climate Change – krichters@citywindsor.ca

Michelle Moxley-Peltier – Community Energy Plan Administrator – mmoxleypeltier@citywindsor.ca

Please let me know if you require additional clarification.

Thank you

Michelle

Michelle Moxley-Peltier P. Eng | Community Energy Plan Administrator (she/her)
Environmental Sustainability and Climate Change
mmoxleypeltier@citywindsor.ca

Asset Planning
350 City Hall Square, Suite 410, N9A 6S1
(519) 255-6100 ext. 6109
www.citywindsor.ca

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Sent: Friday, February 23, 2024 12:46 PM

To: Moxleypeltier, Michelle (She/Her) <MMoxleypeltier@citywindsor.ca>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Cc: Richters, Karina <krichters@citywindsor.ca>

Subject: RE: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Some people who received this message don't often get email from brightonupgrade@aturapower.com. [Learn why this is important](#)

Good afternoon Michelle,

Thank you for taking the time to review our draft Brighton Beach Generating Station (BBGS) Efficiency Upgrades Screening Report.

Regarding your comment on Section 3.3 in Table 3-1: Consideration of the MECP's Areas of Interest (Climate Change), as noted in your response, the quantity of natural gas consumed after the efficiency upgrades are complete will depend on the how often the IESO calls on BBGS to operate. As stated in the draft Screening Report, BBGS operations are dictated by the IESO based on the electricity supply and demand balance, which fluctuates season by season and year to year. In addition, when BBGS is called upon by the IESO to operate the electricity MW demand ranges from a contracted minimum MW load operations to full MW load operations and only at full load operations would the efficiency upgrades be utilized, making it challenging to estimate any changes in overall GHG emissions.

Please also note that, as per Section 3.3 in Table 3-1 of the draft PEC Efficiency Upgrades Screening Report, the facility will produce more power from the same amount of fuel after the upgrades are complete.

Should you or department have any further questions or concerns, we would be happy to meet with you to discuss the project in more detail. We appreciate your department's interest in our project and look forward to engaging with you further. Please do not hesitate to reach out.

Thank you,

Stephen Smith

Environmental Specialist | **Atura Power**

289-259-2377 | Stephen.smith@aturapower.com

Appendix B6: Correspondence with Agencies

Appendix B6a: Correspondence Records with MECP

FW: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

From: David Patterson <david.patterson@aturapower.com>

Sent: Wednesday, July 26, 2023 9:28 AM

To: ClassEAnotices@ontario.ca; eanotification.swregion@ontario.ca

Subject: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

Good morning,

The attached materials are to inform you that Atura Power (Atura) is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS) at 100 Broadway St., Windsor, Ont. Please see the letter, Notice of Commencement, and MECP Project Information Form attached for more detail on the proposed activities, engagement opportunities, and how to learn more.

Thank you,

David Patterson

David Patterson

EHS Manager | **Atura Power**

905 870-4233 | david.patterson@aturapower.com

3 attachments

 **2023-07-26_BBGS Upgrades NOC MECP Letter.pdf**
82K

 **2023-07-26_BBGS Upgrades NOC.pdf**
116K

 **2023-07-26_BBGS_Streamlined_EA_PIF.xlsx**
121K

Wednesday, July 26, 2023

To whom it may concern,

This letter is to inform you that Atura Power (Atura) is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS), also known as Brighton Beach Power, at 100 Broadway St., Windsor, Ont. The proposed work will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts that will allow a higher turbine firing temperature. These upgrades will occur during a regular maintenance cycle but, due to improved technology, will result in better performance. All activities to complete the upgrades will take place within the footprint of the existing BBGS. This project is part of Atura's effort to build a more efficient and resilient electricity grid in Ontario.

Currently, BBGS is capable of outputting 570 megawatts (MW) to Ontario's electricity grid. The upgrades will increase the turbine firing temperature, resulting in an output capacity of 612.5 MW. This proposed increase of 42.5 MW results in the upgrade being subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. The attached Notice was issued to communicate the start of the Environmental Screening Process. A copy of the Notice was published in the Windsor Star, Southpoint SUN and River Town Times on Wednesday, July 26, 2023, and is also available on the project webpage at aturapower.com/brightonupgrade.

Atura is committed to engaging Indigenous communities, agencies, the public and other interested parties on all projects. A virtual public meeting will be hosted on **Thursday, August 17, 2023, from 6:30 to 7:30 p.m.** to share more about the planned upgrades and collect feedback from members of the public. The attached Notice includes details on how to join.

Atura is seeking input from the Ministry of Environment, Conservation and Parks (MECP) regarding the Indigenous communities that should be engaged as part of the Environmental Screening Process. The attached Notice includes a map of the project location. We would appreciate if the MECP would provide us with a list of communities with whom we should engage on this project. Given that the planned upgrades to BBGS are minor, similar to routine maintenance activities and will be contained entirely within the footprint of BBGS, Atura will be in contact with Mr. Nick Colella, Manager (Acting) of Environmental Assessment Services with the MECP, to pursue an exemption to the Ontario *Environmental Assessment Act* for this project.

For more information about the project, please visit our project webpage (see link above). If you have any other questions or inquiries, please do not hesitate to contact us at brightonupgrade@aturapower.com.

Sincerely,



Ryan Dube
Project Manager, Technical Development
Atura Power

Notice of Commencement of a Screening and Invitation to a Virtual Public Meeting

Brighton Beach Generating Station Upgrades

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station (BBGS – also known as Brighton Beach Power).

Project Description

BBGS has operated since 2004 in the County of Essex at 100 Broadway St., Windsor, Ont. It's capable of outputting 570 megawatts (MW) to Ontario's electricity grid.

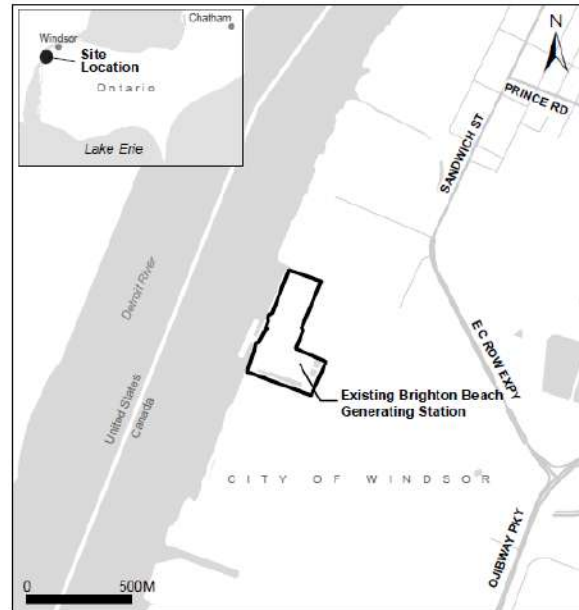
The upgrades will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts during a regular maintenance cycle and will result in an increase in output capacity to 612.5 MW. All upgrades will take place within the existing building and there will be no changes or expansion beyond the existing BBGS footprint.

Atura Power is committed to building a resilient electricity grid in Ontario and is working to address the energy supply shortfall that Ontario will experience in the near future. The planned efficiency upgrades to BBGS are part of Atura Power's efforts to address this supply gap and to make energy production more efficient and affordable.

Environmental Screening Process

Since the project will result in a 42.5 MW increase in output capacity of BBGS, it's subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. This Notice is issued to communicate the start of the Environmental Screening Process.

Atura Power



Virtual Public Meeting

Atura Power is committed to engaging with Indigenous communities, the public and other stakeholders on all our projects. We invite you to attend an upcoming virtual public meeting to learn more and provide feedback. **You can access the link to join the public meeting on the project webpage.**

How to Join

Date: August 17, 2023
Time: 6:30 to 7:30 p.m. EST
Project webpage: aturapower.com/brightonupgrade

If you are unable to participate, meeting materials will be posted on the project webpage for review following the meeting.

Project Contacts

Please email your questions or comments to brightonupgrade@aturapower.com.

For more information: aturapower.com/brightonupgrade

Comments and information regarding this project are being collected in accordance with the *Freedom of Information and Protection of Privacy Act* for the purpose of meeting environmental assessment requirements.

What to do:

Step 1: Look for the type of EA project in column B that applies to you.

Step 2: Complete columns C to J for that project.

Step 3: Send this form in Excel format to the MECP regional office email address where the project is located.

MECP regional office email addresses are listed at www.ontario.ca/page/preparing-environmental-assessments

	Class EA/Streamlined EA	Proponent Name	Proponent Contact	Project Name	Project Schedule	Project Type	Project Location	MOECC Region	Project Initiation Date
1	CO - Remedial flood and erosion control projects								
2	GO Transit - Class EA								
3	Hydro One - Minor transmission facilities								
4	MEA - Class EA for municipal infrastructure projects								
5	Ministry of Infrastructure - Public work								
6	MNDM - Activities of the Ministry of Northern Development and Mines under the Mining Act								
7	MNRF - Provincial parks and conservation reserves								
8	MNRF - Resource stewardship and facility development projects								
9	MTO - Provincial transportation facilities								
10	O. Reg. 101/07 - Waste management projects								
11	O. Reg. 116/01 - Electricity projects	Aura Power	Ryan Dube brightonupgrade@aturapower.com	Brighton Beach Generating Station Upgrades Project	Category B	Natural gas	Essex, County of	Southwestern	2023-07-26
12	OWA - Waterpower projects								

Enter the proponent's name.

Enter the name and email address of the person who the MECP should contact about your project. This should be the same contact person who is listed on the notice.

Enter the project name as it appears on the notice.

Select the project schedule from the drop-down menu.

Select the project type from the drop-down menu.

Select the name of the municipality or unorganized/unsurveyed area where your project is located from the drop-down menu.

Select the MECP region from the drop-down menu. Read the "MECP regions" worksheet to find the MECP region where your project is located.

Enter the date that the streamlined EA process was initiated (e.g. notice of commencement). This date may be when the project notice was first published.

FW: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

From: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>

Sent: Wednesday, August 16, 2023 10:01 AM

To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Cc: Battarino, Gavin (MECP) <Gavin.Battarino@ontario.ca>; Wilson, Marcelina (MECP) <Marcelina.Wilson@ontario.ca>; David Patterson <david.patterson@aturapower.com>

Subject: RE: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

Good morning,

Please find the attached letter of acknowledgement and supporting attachments in response to the Notice of Commencement of the Brighton Beach Generating Station Upgrades project being undertaken by Atura Power in accordance with the Environmental Screening Process for a Category B project set out in the Electricity Projects Regulation, *O. Reg. 116/01*. The letter includes a list of Indigenous communities who have been identified as potentially affected by the proposed project with whom the proponent is required to consult.

Best regards,


Mark Badali (he/him) | Senior Project Evaluator

Environmental Assessment Program Support | Environmental Assessment Branch

Ontario Ministry of the Environment, Conservation and Parks

Mark.Badali1@ontario.ca | (416) 457-2155

3 attachments

 **MECP Acknowledgement of NOC - O. Reg. 116-01 Cat B - Atura Brighton Beach GS Upgrades.pdf**
241K

 **Supporting Attachment - Proponent's Intro to Delegation of Procedural Aspects of Consultation with Aboriginal Communities.pdf**
174K

 **Supporting Attachment - Species at Risk Proponents Guide to Preliminary Screening (May 2019).pdf**
373K

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment
Branch

Direction des évaluations
environnementales

1st Floor
135 St. Clair Avenue W
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax.: 416 314-8452

Rez-de-chaussée
135, avenue St. Clair Ouest
Toronto ON M4V 1P5
Tél. : 416 314-8001
Télééc. : 416 314-8452

August 16, 2023

Ryan Dube
Project Manager, Technical Development
Atura Power
brightonupgrade@aturapower.com

BY EMAIL ONLY

**Re: Brighton Beach Generating Station Upgrades Project
Atura Power
Electricity Projects Regulation, O. Reg. 116/01 (Category B)
Acknowledgement of Notice of Commencement**

Dear Ryan Dube,

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment, Conservation and Parks (MECP) acknowledges that Atura Power (proponent) has indicated that the study is following the approved environmental planning process for a Category B project set out in the *Electricity Projects Regulation, O. Reg. 116/01* (the "Environmental Screening Process"), made under the *Environmental Assessment Act*.

The **updated (August 2022)** attached "Areas of Interest" document provides guidance regarding the ministry's interests with respect to the Environmental Screening Process. Please address all areas of interest in the Environmental Screening and Environmental Review at an appropriate level for the Environmental Screening Process. Proponents who address all the applicable areas of interest can minimize potential delays to the project schedule. **Further information is provided at the end of the Areas of Interest document relating to recent changes to the Environmental Assessment Act through Bill 197, Covid-19 Economic Recovery Act 2020.**

The Crown has a legal duty to consult Aboriginal communities when it has knowledge, real or constructive, of the existence or potential existence of an Aboriginal or treaty right and contemplates conduct that may adversely impact that right. Before authorizing this project, the Crown must ensure that its duty to consult has been fulfilled, where such a duty is triggered. Although the duty to consult with Aboriginal peoples is a duty of the Crown, the Crown may delegate procedural aspects of this duty to project proponents while retaining oversight of the consultation process.

The proposed project may have the potential to affect Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982. Where the Crown's duty to consult is triggered in relation to the proposed project, **the MECP is delegating the procedural aspects of rights-based consultation to the proponent through this letter.** The Crown intends to rely on the delegated consultation process in discharging its duty to consult and maintains the right to participate in the consultation process as it sees fit.

Based on information provided to date and the Crown's preliminary assessment the proponent is required to consult with the following communities who have been identified as potentially affected by the proposed project:

- Aamjiwnaang First Nation
- Bkejwanong (Walpole Island)
- Caldwell First Nation
- Chippewas of Kettle and Stony Point
- Chippewas of the Thames First Nation
- Oneida Nation of the Thames
- Munsee Delaware
- Delaware Nation

Steps that the proponent may need to take in relation to Aboriginal consultation for the proposed project are outlined in the "[Code of Practice for Consultation in Ontario's Environmental Assessment Process](#)". Additional information related to Ontario's Environmental Assessment Act is available online at: www.ontario.ca/environmentalassessments.

Please also refer to the attached document "A Proponent's Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities" for further information, including the MECP's expectations for Screening/Environmental Review Report documentation related to consultation with communities.

The proponent must contact the Director of Environmental Assessment Branch (EABDirector@ontario.ca) under the following circumstances after initial discussions with the communities identified by the MECP:

- Aboriginal or treaty rights impacts are identified to you by the communities;
- You have reason to believe that your proposed project may adversely affect an Aboriginal or treaty right;
- Consultation with Indigenous communities or other stakeholders has reached an impasse; or
- An elevation request is expected on the basis of outstanding environmental concerns.

The MECP will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role you will be asked to play should additional steps and activities be required.

A draft copy of the Screening/Environmental Review Report should be sent directly to me prior to the filing of the final report, allowing a minimum of 30 days for the ministry's technical reviewers to provide comments.

Please also ensure a copy of the final notice is sent to the ministry's Southwest Region Environmental Assessment (EA) notification email account (eanotification.swregion@ontario.ca) after the draft report is reviewed and finalized.

Should you or any members of your project team have any questions regarding the material above, please contact me at Mark.Badali1@ontario.ca.

Sincerely,



Mark Badali
Senior Project Evaluator
Environmental Assessment Program Support, Environmental Assessment Branch

Cc: Gavin Battarino, Supervisor, Project Review Unit, MECP
Marcelina Wilson, Supervisor, Windsor Area Office, MECP
David Patterson, EHS Manager, Atura Power

Enclosed: Areas of Interest

Attached: Client's Guide to Preliminary Screening for Species at Risk
A Proponent's Introduction to the Delegation of Procedural Aspects of Consultation with Aboriginal Communities

AREAS OF INTEREST (v. August 2022)

It is suggested that you check off each section after you have considered / addressed it.

Planning and Policy

- Applicable plans and policies should be identified in the report, and the proponent should describe how the proposed project adheres to the relevant policies in these plans.
 - Projects located in MECP Central, Eastern or West Central Region may be subject to [A Place to Grow: Growth Plan for the Greater Golden Horseshoe \(2020\)](#).
 - Projects located in MECP Central or Eastern Region may be subject to the [Oak Ridges Moraine Conservation Plan \(2017\)](#) or the [Lake Simcoe Protection Plan \(2014\)](#).
 - Projects located in MECP Central, Southwest or West Central Region may be subject to the [Niagara Escarpment Plan \(2017\)](#).
 - Projects located in MECP Central, Eastern, Southwest or West Central Region may be subject to the [Greenbelt Plan \(2017\)](#).
 - Projects located in MECP Northern Region may be subject to the [Growth Plan for Northern Ontario \(2011\)](#).
- The [Provincial Policy Statement \(2020\)](#) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the report, and the proponent should describe how the proposed project is consistent with these policies.
- In addition to the provincial planning and policy level, the report should also discuss the planning context at the municipal and federal levels, as appropriate.

Source Water Protection

The *Clean Water Act, 2006* (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.

Projects that are subject to the Environmental Assessment Act that fall under a Class EA, or one of the Regulations, have the potential to impact sources of drinking water if they occur in designated vulnerable areas or in the vicinity of other at-risk drinking water systems (i.e.

systems that are not municipal residential systems). Projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

- The proponent should identify the source protection area and should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed. Specifically, the report should discuss whether or not the project is located in a vulnerable area and provide applicable details about the area.
- If located in a vulnerable area, proponents should document whether any project activities are prescribed drinking water threats and thus pose a risk to drinking water (this should be consulted on with the appropriate Source Protection Authority). Where an activity poses a risk to drinking water, the proponent must document and discuss in the report how the project adheres to or has regard to applicable policies in the local source protection plan. This section should then be used to inform and be reflected in other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc.
- While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems.
- In order to determine if this project is occurring within a vulnerable area, proponents can use [Source Protection Information Atlas](#), which is an online mapping tool available to the public. Note that various layers (including WHPAs, WHPA-Q1 and WHPA-Q2, IPZs, HVAs, SGRAs, EBAs, ICAs) can be turned on through the “Map Legend” bar on the left. The mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area.
- For further information on the maps or source protection plan policies which may relate to their project, proponents must contact the appropriate source protection authority. **Please consult with the local source protection authority to discuss potential impacts on drinking water. Please document the results of that consultation within the report and include all communication documents/correspondence.**

More Information

For more information on the *Clean Water Act*, source protection areas and plans, including specific information on the vulnerable areas and drinking water threats, please refer to [Conservation Ontario's website](#) where you will also find links to the local source protection plan/assessment report.

A list of the prescribed drinking water threats can be found in [section 1.1 of Ontario Regulation 287/07](#) made under the *Clean Water Act*. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional "local" threat activities, as approved by the MECP.

Climate Change

The document "[Considering Climate Change in the Environmental Assessment Process](#)" (Guide) is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MECP's expectation for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide provides examples, approaches, resources, and references to assist proponents with consideration of climate change in their study. Proponents should review this Guide in detail.

• **The MECP expects proponents of projects under a Class EA or EA Act Regulation to:**

1. Consider during the assessment of alternative solutions and alternative designs, the following:
 - a. the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation); and
 - b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation).
2. Include a discrete section in the report detailing how climate change was considered in the EA.

How climate change is considered can be qualitative or quantitative in nature and should be scaled to the project's level of environmental effect. In all instances, both a project's impacts on climate change (mitigation) and impacts of climate change on a project (adaptation) should be considered. **Please ensure climate change is considered in the report.**

- The MECP has also prepared another guide to support provincial land use planning direction related to the completion of energy and emission plans. The "[Community Emissions Reduction Planning: A Guide for Municipalities](#)" document is designed to educate stakeholders on the municipal opportunities to reduce energy and greenhouse gas emissions, and to provide guidance on methods and techniques to incorporate consideration of energy and greenhouse gas emissions into municipal activities of all types. We encourage you to review the Guide for information.

□ Air Quality, Dust and Noise

- If there are sensitive receptors in the surrounding area of this project, a quantitative air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterization and a quantification of local air quality impacts on the sensitive receptors and the environment in the study area. The assessment will compare to all applicable standards or guidelines for all contaminants of concern. **Please contact this office for further consultation on the level of Air Quality Impact Assessment required for this project if not already advised.**
- If a quantitative Air Quality Impact Assessment is not required for the project, the MECP expects that the report contain a qualitative assessment which includes:
 - A discussion of local air quality including existing activities/sources that significantly impact local air quality and how the project may impact existing conditions;
 - A discussion of the nearby sensitive receptors and the project's potential air quality impacts on present and future sensitive receptors;
 - A discussion of local air quality impacts that could arise from this project during both construction and operation; and
 - A discussion of potential mitigation measures.
- As a common practice, "air quality" should be used as an evaluation criterion for all road projects.
- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.
- The MECP recommends that non-chloride dust-suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be applied, refer to [Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities](#) report prepared for Environment Canada. March 2005.
- The report should consider the potential impacts of increased noise levels during the operation of the completed project. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.

□ **Ecosystem Protection and Restoration**

- Any impacts to ecosystem form and function must be avoided where possible. The report should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.
- Natural heritage and hydrologic features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. The following sensitive environmental features may be located within or adjacent to the study area:
 - Key Natural Heritage Features: Habitat of endangered species and threatened species, fish habitat, wetlands, areas of natural and scientific interest (ANSIs), significant valleylands, significant woodlands; significant wildlife habitat (including habitat of special concern species); sand barrens, savannahs, and tallgrass prairies; and alvars.
 - Key Hydrologic Features: Permanent streams, intermittent streams, inland lakes and their littoral zones, seepage areas and springs, and wetlands.
 - Other natural heritage features and areas such as: vegetation communities, rare species of flora or fauna, Environmentally Sensitive Areas, Environmentally Sensitive Policy Areas, federal and provincial parks and conservation reserves, Greenland systems etc.

We recommend consulting with the Ministry of Natural Resources and Forestry (MNRF), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features. In addition, for projects located in Central Region you may consider the provisions of the Rouge Park Management Plan if applicable.

□ **Species at Risk**

- The Ministry of the Environment, Conservation and Parks has now assumed responsibility of Ontario's Species at Risk program. Information, standards, guidelines, reference materials and technical resources to assist you are found at <https://www.ontario.ca/page/species-risk>.
- The Client's Guide to Preliminary Screening for Species at Risk (Draft May 2019) has been attached to the covering email for your reference and use. Please review this document for next steps.
- For any questions related to subsequent permit requirements, please contact SAROntario@ontario.ca.

□ **Surface Water**

- The report must include enough information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's [Stormwater Management Planning and Design Manual \(2003\)](#) should be referenced in the report and utilized when designing stormwater control methods. **A Stormwater Management Plan should be prepared as part of the Environmental Screening Process** that includes:
 - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
 - Watershed information, drainage conditions, and other relevant background information
 - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
 - Information on maintenance and monitoring commitments.
- Any potential approval requirements for surface water taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the *Ontario Water Resources Act* (OWRA) will be required for any water takings that exceed 50,000 L/day, except for certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the [Water Taking User Guide for EASR](#) for more information. Additionally, an Environmental Compliance Approval under the OWRA is required for municipal stormwater management works.

□ **Groundwater**

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells

such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the report.

- If the potential construction or decommissioning of water wells is identified as an issue, the report should refer to Ontario Regulation 903, Wells, under the OWRA.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.
- Any potential approval requirements for groundwater taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, with the exception of certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the [Water Taking User Guide for EASR](#) for more information.
- Consultation with the railroad authorities is necessary wherever there is a plan to use construction dewatering in the vicinity of railroad lines or where the zone of influence of the construction dewatering potentially intercepts railroad lines.

Excess Materials Management

- In December 2019, MECP released a new regulation under the Environmental Protection Act, titled “On-Site and Excess Soil Management” (O. Reg. 406/19) to support improved management of excess construction soil. This regulation is a key step to support proper management of excess soils, ensuring valuable resources don’t go to waste and to provide clear rules on managing and reusing excess soil. New risk-based standards referenced by this regulation help to facilitate local beneficial reuse which in turn will reduce greenhouse gas emissions from soil transportation, while ensuring strong protection of human health and the environment. The new regulation is being phased in over time, with the first phase in effect on January 1, 2021. For more information, please visit <https://www.ontario.ca/page/handling-excess-soil>.
- The report should reference that activities involving the management of excess soil should be completed in accordance with O. Reg. 406/19 and the MECP’s current guidance

document titled "[Management of Excess Soil – A Guide for Best Management Practices](#)" (2014).

- All waste generated during construction must be disposed of in accordance with ministry requirements.

Contaminated Sites

- Any current or historical waste disposal sites should be identified in the report. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the EPA may be required for land uses on former disposal sites. We recommend referring to the [MECP's D-4 guideline](#) for land use considerations near landfills and dumps.
 - Resources available may include regional/local municipal official plans and data; provincial data on [large landfill sites](#) and [small landfill sites](#); Environmental Compliance Approval information for waste disposal sites on [Access Environment](#).
- Other known contaminated sites (local, provincial, federal) in the study area should also be identified in the report (Note – information on federal contaminated sites is found on the Government of Canada's [website](#)).
- The location of any underground storage tanks should be investigated in the report. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.
- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act* (EPA) and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. Please contact the appropriate MECP District Office for further consultation if contaminated sites are present.

Servicing, Utilities and Facilities

- The report should identify any above or underground utilities in the study area such as transmission lines, telephone/internet, oil/gas etc. The owners should be consulted to discuss impacts to this infrastructure, including potential spills.
- The report should identify any servicing infrastructure in the study area such as wastewater, water, stormwater that may potentially be impacted by the project.

- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with MECP's Environmental Permissions Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.
- We recommend referring to the ministry's [environmental land use planning guides](#) to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

Mitigation and Monitoring

- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the report and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly.
- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.
- The proponent's construction and post-construction monitoring plans must be documented in the report.

Consultation

- The report must demonstrate how the consultation provisions of the Environmental Screening Process have been fulfilled, including documentation of all stakeholder consultation efforts undertaken during the planning process. This includes a discussion in the report that identifies concerns that were raised and **describes how they have been addressed by the proponent** throughout the planning process. The report should also include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments (as directed by the Guide to Environmental Assessment Requirements for Electricity Projects to include full documentation).
- Please include the full stakeholder distribution/consultation list in the documentation.

□ Environmental Screening Process

- The purpose of the Environmental Screening report is to document the process followed and the conclusions reached. It should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making and to allow for its timely review by government agencies, and interested persons, including Indigenous communities.
- The Environmental Screening Process requires the consideration of the effects of the project on all aspects of the environment (including planning, natural, social, cultural, economic, technical). The report should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments, cultural heritage assessments) such that all potential impacts can be identified, and appropriate mitigation measures can be developed. Any supporting studies conducted during the Environmental Screening Process should be referenced and included as part of the report.
- There are two possible stages of review required under the Environmental Screening Process, depending on the environmental effects of a project: a Screening stage and an Environmental Review stage.
 - All projects that are subject to the process are required to go through the Screening stage, which requires proponents to apply a series of screening criteria to identify the potential environmental effects of the project.
 - A more detailed study (an Environmental Review) is required if potential concerns are raised during the Screening stage that could not be readily addressed.
- Please include in the report a list of all subsequent permits or approvals that may be required for the implementation of the project, including but not limited to, MECP's PTTW, EASR Registrations and ECAs, conservation authority permits, species at risk permits, MTO permits and approvals under the *Impact Assessment Act, 2019*.
- Proponents are encouraged to circulate a draft of the Environmental Review Report, or relevant sections of the report, to the appropriate agencies and key stakeholders for comment prior to the formal review periods.
- Ministry guidelines and other information related to the issues above are available at <http://www.ontario.ca/environment-and-energy/environment-and-energy>. We encourage you to review all the available guides and to reference any relevant information in the report.

Once the Environmental Screening Report is finalized, the proponent must issue a Notice of Completion providing a minimum 30-day period during which documentation may be reviewed and comment and input can be submitted to the proponent. The Notice of Completion must be sent to the appropriate MECP Regional Office email address.

The public can submit an elevation request, which requests a higher level of assessment on a project if they have outstanding environmental concerns. In addition, at any point in the Environmental Screening Process, if it is determined that a project is likely to have significant negative environmental effects, and that the scope and scale of these effects are such that an individual EA is warranted, the Minister of the Environment may of his or her own initiative require that a project be made subject to Part II of the *Environmental Assessment Act* (an individual EA). If the Minister requires an individual EA, the proponent will be informed in writing, stating reasons for the decision.

The proponent cannot proceed with the project until at least 30 days after the end of the comment period provided for in the Notice of Completion. Further, the proponent may not proceed after this time if:

- an elevation request has been submitted by any interested person including Indigenous communities to the ministry regarding outstanding environmental concerns, or
- the Minister has given notice to the proponent requiring that an environmental assessment be prepared.

Please ensure that the Notice of Completion advises that outstanding concerns are to be directed to the proponent for a response, and that in the event there are outstanding environmental concerns, elevation requests should be addressed in writing to:

Director, Environmental Assessment Branch
Ministry of Environment, Conservation and Parks
135 St. Clair Ave. W, 1st Floor
Toronto ON, M4V 1P5
EABDirector@ontario.ca

For more information on the Environmental Screening Process and environmental assessment requirements for Electricity Projects, please visit the following link: [Guide to Environmental Assessment Requirements for Electricity Projects | ontario.ca](#)

A PROPONENT’S INTRODUCTION TO THE DELEGATION OF PROCEDURAL ASPECTS OF CONSULTATION WITH ABORIGINAL COMMUNITIES

DEFINITIONS

The following definitions are specific to this document and may not apply in other contexts:

Aboriginal communities – the First Nation or Métis communities identified by the Crown for the purpose of consultation.

Consultation – the Crown’s legal obligation to consult when the Crown has knowledge of an established or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. This is the type of consultation required pursuant to s. 35 of the *Constitution Act, 1982*. Note that this definition does not include consultation with Aboriginal communities for other reasons, such as regulatory requirements.

Crown – the Ontario Crown, acting through a particular ministry or ministries.

Procedural aspects of consultation – those portions of consultation related to the process of consultation, such as notifying an Aboriginal community about a project, providing information about the potential impacts of a project, responding to concerns raised by an Aboriginal community and proposing changes to the project to avoid negative impacts.

Proponent – the person or entity that wants to undertake a project and requires an Ontario Crown decision or approval for the project.

I. PURPOSE

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that may adversely impact that right. In outlining a framework for the duty to consult, the Supreme Court of Canada has stated that the Crown may delegate procedural aspects of consultation to third parties. This document provides general information about the Ontario Crown’s approach to delegation of the procedural aspects of consultation to proponents.

This document is not intended to instruct a proponent about an individual project, and it does not constitute legal advice.

II. WHY IS IT NECESSARY TO CONSULT WITH ABORIGINAL COMMUNITIES?

The objective of the modern law of Aboriginal and treaty rights is the *reconciliation* of Aboriginal peoples and non-Aboriginal peoples and their respective rights, claims and interests. Consultation is an important component of the reconciliation process.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. For example, the Crown’s duty to consult is triggered when it considers

issuing a permit, authorization or approval for a project which has the potential to adversely impact an Aboriginal right, such as the right to hunt, fish, or trap in a particular area.

The scope of consultation required in particular circumstances ranges across a spectrum depending on both the nature of the asserted or established right and the seriousness of the potential adverse impacts on that right.

Depending on the particular circumstances, the Crown may also need to take steps to accommodate the potentially impacted Aboriginal or treaty right. For example, the Crown may be required to avoid or minimize the potential adverse impacts of the project.

III. THE CROWN'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

The Crown has the responsibility for ensuring that the duty to consult, and accommodate where appropriate, is met. However, the Crown may delegate the procedural aspects of consultation to a proponent.

There are different ways in which the Crown may delegate the procedural aspects of consultation to a proponent, including through a letter, a memorandum of understanding, legislation, regulation, policy and codes of practice.

If the Crown decides to delegate procedural aspects of consultation, the Crown will generally:

- Ensure that the delegation of procedural aspects of consultation and the responsibilities of the proponent are clearly communicated to the proponent;
- Identify which Aboriginal communities must be consulted;
- Provide contact information for the Aboriginal communities;
- Revise, as necessary, the list of Aboriginal communities to be consulted as new information becomes available and is assessed by the Crown;
- Assess the scope of consultation owed to the Aboriginal communities;
- Maintain appropriate oversight of the actions taken by the proponent in fulfilling the procedural aspects of consultation;
- Assess the adequacy of consultation that is undertaken and any accommodation that may be required;
- Provide a contact within any responsible ministry in case issues arise that require direction from the Crown; and
- Participate in the consultation process as necessary and as determined by the Crown.

IV. THE PROPONENT'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

Where aspects of the consultation process have been delegated to a proponent, the Crown, in meeting its duty to consult, will rely on the proponent's consultation activities and documentation of those activities. The consultation process informs the Crown's decision of whether or not to approve a proposed project or activity.

A proponent's role and responsibilities will vary depending on a variety of factors including the extent of consultation required in the circumstance and the procedural aspects of consultation the Crown has delegated to it. Proponents are often in a better position than the Crown to discuss a project and its potential impacts with Aboriginal communities and to determine ways to avoid or minimize the adverse impacts of a project.

A proponent can raise issues or questions with the Crown at any time during the consultation process. If issues or concerns arise during the consultation that cannot be addressed by the proponent, the proponent should contact the Crown.

a) What might a proponent be required to do in carrying out the procedural aspects of consultation?

Where the Crown delegates procedural aspects of consultation, it is often the proponent's responsibility to provide notice of the proposed project to the identified Aboriginal communities. The notice should indicate that the Crown has delegated the procedural aspects of consultation to the proponent and should include the following information:

- a description of the proposed project or activity;
- mapping;
- proposed timelines;
- details regarding anticipated environmental and other impacts;
- details regarding opportunities to comment; and
- any changes to the proposed project that have been made for seasonal conditions or other factors, where relevant.

Proponents should provide enough information and time to allow Aboriginal communities to provide meaningful feedback regarding the potential impacts of the project. Depending on the nature of consultation required for a project, a proponent also may be required to:

- provide the Crown with copies of any consultation plans prepared and an opportunity to review and comment;
- ensure that any necessary follow-up discussions with Aboriginal communities take place in a timely manner, including to confirm receipt of information, share and update information and to address questions or concerns that may arise;

- as appropriate, discuss with Aboriginal communities potential mitigation measures and/or changes to the project in response to concerns raised by Aboriginal communities;
- use language that is accessible and not overly technical, and translate material into Aboriginal languages where requested or appropriate;
- bear the reasonable costs associated with the consultation process such as, but not limited to, meeting hall rental, meal costs, document translation(s), or to address technical & capacity issues;
- provide the Crown with all the details about potential impacts on established or asserted Aboriginal or treaty rights, how these concerns have been considered and addressed by the proponent and the Aboriginal communities and any steps taken to mitigate the potential impacts;
- provide the Crown with complete and accurate documentation from these meetings and communications; and
- notify the Crown immediately if an Aboriginal community not identified by the Crown approaches the proponent seeking consultation opportunities.

b) What documentation and reporting does the Crown need from the proponent?

Proponents should keep records of all communications with the Aboriginal communities involved in the consultation process and any information provided to these Aboriginal communities.

As the Crown is required to assess the adequacy of consultation, it needs documentation to satisfy itself that the proponent has fulfilled the procedural aspects of consultation delegated to it. The documentation required would typically include:

- the date of meetings, the agendas, any materials distributed, those in attendance and copies of any minutes prepared;
- the description of the proposed project that was shared at the meeting;
- any and all concerns or other feedback provided by the communities;
- any information that was shared by a community in relation to its asserted or established Aboriginal or treaty rights and any potential adverse impacts of the proposed activity, approval or disposition on such rights;
- any proposed project changes or mitigation measures that were discussed, and feedback from Aboriginal communities about the proposed changes and measures;
- any commitments made by the proponent in response to any concerns raised, and feedback from Aboriginal communities on those commitments;
- copies of correspondence to or from Aboriginal communities, and any materials distributed electronically or by mail;

- information regarding any financial assistance provided by the proponent to enable participation by Aboriginal communities in the consultation;
- periodic consultation progress reports or copies of meeting notes if requested by the Crown;
- a summary of how the delegated aspects of consultation were carried out and the results; and
- a summary of issues raised by the Aboriginal communities, how the issues were addressed and any outstanding issues.

In certain circumstances, the Crown may share and discuss the proponent's consultation record with an Aboriginal community to ensure that it is an accurate reflection of the consultation process.

c) Will the Crown require a proponent to provide information about its commercial arrangements with Aboriginal communities?

The Crown may require a proponent to share information about aspects of commercial arrangements between the proponent and Aboriginal communities where the arrangements:

- include elements that are directed at mitigating or otherwise addressing impacts of the project;
- include securing an Aboriginal community's support for the project; or
- may potentially affect the obligations of the Crown to the Aboriginal communities.

The proponent should make every reasonable effort to exempt the Crown from confidentiality provisions in commercial arrangements with Aboriginal communities to the extent necessary to allow this information to be shared with the Crown.

The Crown cannot guarantee that information shared with the Crown will remain confidential. Confidential commercial information should not be provided to the Crown as part of the consultation record if it is not relevant to the duty to consult or otherwise required to be submitted to the Crown as part of the regulatory process.

V. WHAT ARE THE ROLES AND RESPONSIBILITIES OF ABORIGINAL COMMUNITIES' IN THE CONSULTATION PROCESS?

Like the Crown, Aboriginal communities are expected to engage in consultation in good faith. This includes:

- responding to the consultation notice;
- engaging in the proposed consultation process;
- providing relevant documentation;

- clearly articulating the potential impacts of the proposed project on Aboriginal or treaty rights; and
- discussing ways to mitigate any adverse impacts.

Some Aboriginal communities have developed tools, such as consultation protocols, policies or processes that provide guidance on how they would prefer to be consulted. Although not legally binding, proponents are encouraged to respect these community processes where it is reasonable to do so. Please note that there is no obligation for a proponent to pay a fee to an Aboriginal community in order to enter into a consultation process.

To ensure that the Crown is aware of existing community consultation protocols, proponents should contact the relevant Crown ministry when presented with a consultation protocol by an Aboriginal community or anyone purporting to be a representative of an Aboriginal community.

VI. WHAT IF MORE THAN ONE PROVINCIAL CROWN MINISTRY IS INVOLVED IN APPROVING A PROPONENT'S PROJECT?

Depending on the project and the required permits or approvals, one or more ministries may delegate procedural aspects of the Crown's duty to consult to the proponent. The proponent may contact individual ministries for guidance related to the delegation of procedural aspects of consultation for ministry-specific permits/approvals required for the project in question. Proponents are encouraged to seek input from all involved Crown ministries sooner rather than later.

Client's Guide to Preliminary Screening for Species at Risk

***Ministry of the Environment, Conservation and Parks
Species at Risk Branch, Permissions and Compliance***

DRAFT - May 2019

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1.0 Purpose, Scope, Background and Context

1.1 Purpose of this Guide

This guide has been created to:

- help clients better understand their obligation to gather information and complete a preliminary screening for species at risk before contacting the ministry,
- outline guidance and advice clients can expect to receive from the ministry at the preliminary screening stage,
- help clients understand how they can gather information about species at risk by accessing publicly available information housed by the Government of Ontario, and
- provide a list of other potential sources of species at risk information that exist outside the Government of Ontario.

It remains the client's responsibility to:

- carry out a preliminary screening for their projects,
- obtain best available information from all applicable information sources,
- conduct any necessary field studies or inventories to identify and confirm the presence or absence of species at risk or their habitat,
- consider any potential impacts to species at risk that a proposed activity might cause, and
- comply with the *Endangered Species Act* (ESA).

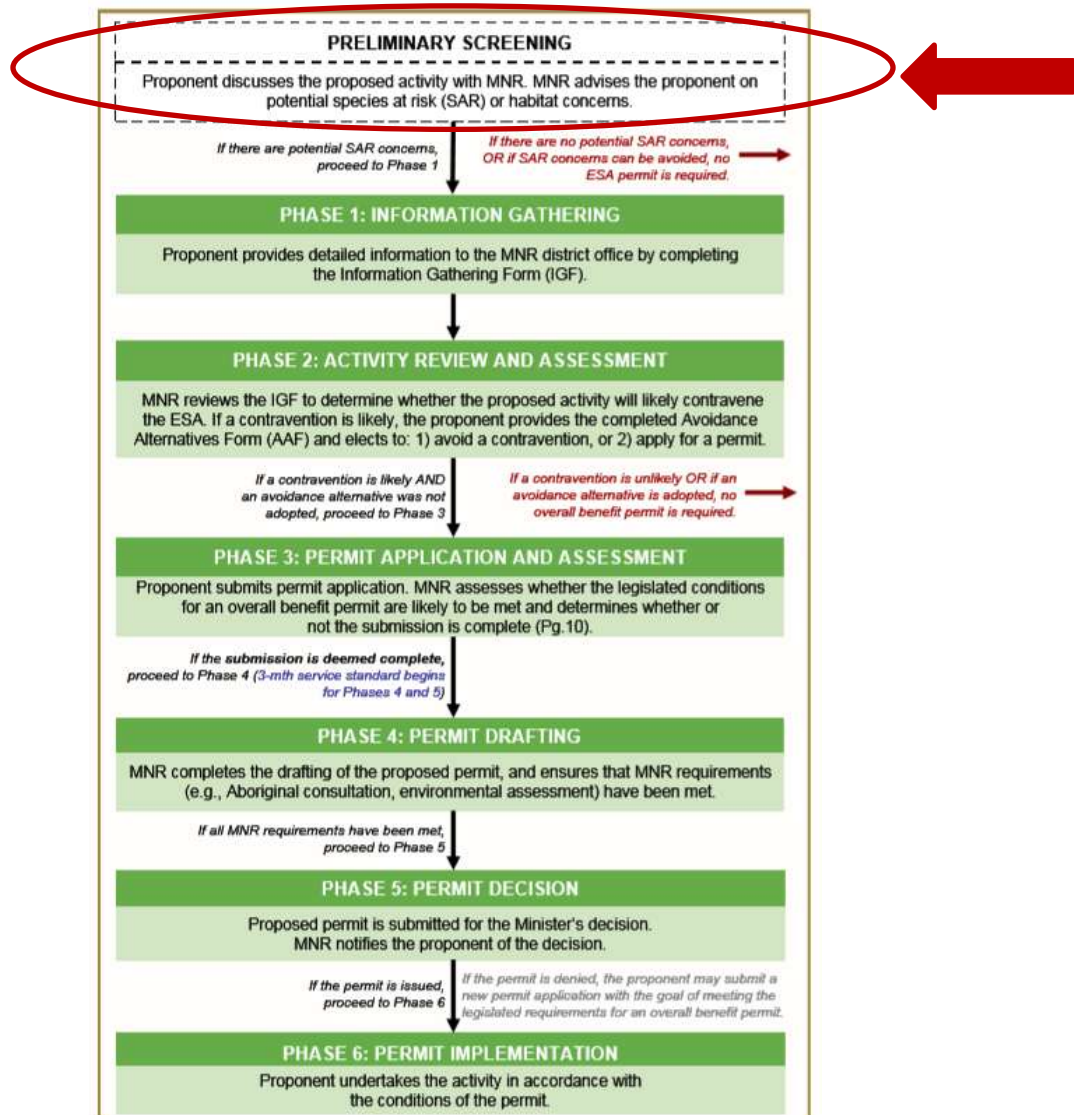
To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide, at a minimum, prior to contacting Government of Ontario ministry offices for further information or advice.

1.2 Scope

This guide is a resource for clients seeking to understand if their activity is likely to impact species at risk or if they are likely to trigger the need for an authorization under the ESA. It is not intended to circumvent any detailed site surveys that may be necessary to document species at risk or their habitat nor to circumvent the need to assess the impacts of a proposed activity on species at risk or their habitat. This guide is not an exhaustive list of available information sources for any given area as the availability of information on species at risk and their habitat varies across the province. This guide is intended to support projects and activities carried out on Crown and private land, by private landowners, businesses, other provincial ministries and agencies, or municipal government.

1.3 Background and Context

To receive advice on their proposed activity, clients must first determine whether any species at risk or their habitat exist or are likely to exist at or near their proposed activity, and whether their proposed activity is likely to contravene the ESA. Once this step is complete, clients may contact the ministry at SAROntario@ontario.ca to discuss the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. At this stage, the ministry can provide advice and guidance to the client about potential species at risk or habitat concerns, measures that the client is considering to avoid adverse effects on species at risk or their habitat and whether additional field surveys are advisable. This is referred to as the “Preliminary Screening” stage. For more information on additional phases in the diagram below, please refer to the *Endangered Species Act Submission Standards for Activity Review and 17(2)(c) Overall Benefit Permits* policy available online at <https://www.ontario.ca/page/species-risk-overall-benefit-permits>



2.0 Roles and Responsibilities

To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide prior to contacting Government of Ontario ministry offices for further information or advice.

Step 1: Client seeks information regarding species at risk or their habitat that exist, or are likely to exist, at or near their proposed activity by referring to all applicable information sources identified in this guide.

Step 2: Client reviews and consider guidance on whether their proposed activity is likely to contravene the ESA (see section 3.4 of this guide for guidance on what to consider).

Step 3: Client gathers information identified in the checklist in section 4 of this guide.

Step 4: Client contacts the ministry at SAROntario@ontario.ca to discuss their preliminary screening. Ministry staff will ask the client questions about the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. Ministry staff will also ask the client for their interpretation of the impacts of their activity on species at risk or their habitat as well as measures the client has considered to avoid any adverse impacts.

Step 5: Ministry staff will provide advice on next steps.

Option A: Ministry staff may advise the client they can proceed with their activity without an authorization under the ESA where the ministry is confident that:

- no protected species at risk or habitats are likely to be present at or near the proposed location of the activity; or
- protected species at risk or habitats are known to be present but the activity is not likely to contravene the ESA; or
- through the adoption of avoidance measures, the modified activity is not likely to contravene the ESA.

Option B: Ministry staff may advise the client to proceed to Phase 1 of the overall benefit permitting process (i.e. Information Gathering in the previous diagram), where:

- there is uncertainty as to whether any protected species at risk or habitats are present at or near the proposed location of the activity; or
- the potential impacts of the proposed activity are uncertain; or
- ministry staff anticipate the proposed activity is likely to contravene the ESA.

3.0 Information Sources

Land Information Ontario (LIO) and the Natural Heritage Information Centre (NHIC) maintain and provide information about species at risk, as well as related information about fisheries, wildlife, crown lands, protected lands and more. This information is made available to organizations, private individuals, consultants, and developers through online sources and is often considered under various pieces of legislation or as part of regulatory approvals and planning processes.

The information available from LIO or NHIC and the sources listed in this guide should not be considered as a substitute for site visits and appropriate field surveys. Generally, this information can be regarded as a starting point from which to conduct further field surveys, if needed. While this data represents best available current information, it is important to note that a lack of information for a site does not mean that species at risk or their habitat are not present. There are many areas where the Government of Ontario does not currently have information, especially in more remote parts of the province. The absence of species at risk location data at or near your site does not necessarily mean no species at risk are present at that location. On-site assessments can better verify site conditions, identify and confirm presence of species at risk and/or their habitats.

Information on the location (i.e. observations and occurrences) of species at risk is considered sensitive and therefore publicly available only on a 1km square grid as opposed to as a detailed point on a map. This generalized information can help you understand which species at risk are in the general vicinity of your proposed activity and can help inform field level studies you may want to undertake to confirm the presence, or absence of species at risk at or near your site.

Should you require specific and detailed information pertaining to species at risk observations and occurrences at or near your site on a finer geographic scale; you will be required to demonstrate your need to access this information, to complete data sensitivity training and to obtain a Sensitive Data Use License from the NHIC. Information on how to obtain a license can be found online at <https://www.ontario.ca/page/get-natural-heritage-information>.

Many organizations (e.g. other Ontario ministries, municipalities, conservation authorities) have ongoing licensing to access this data so be sure to check if your organization has this access and consult this data as part of your preliminary screening if your organization already has a license.

3.1 Make a Map: Natural Heritage Areas

The Make a Natural Heritage Area Map (available online at http://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html?site=MNR_NHLUPS_NaturalHeritage&viewer=NaturalHeritage&locale=en-US) provides public access to natural heritage information, including species at risk, without the user needing to have Geographic Information System (GIS) capability. It allows users to view and identify generalized species at risk information, mark areas of interest, and create and print a custom map directly from the web application. The tool also shows topographic information such as roads, rivers, contours and municipal boundaries.

Users are advised that sensitive information has been removed from the natural areas dataset and the occurrences of species at risk has been generalized to a 1-kilometre grid to mitigate the risks to the species (e.g. illegal harvest, habitat disturbance, poaching).

The web-based mapping tool displays natural heritage data, including:

- Generalized Species at risk occurrence data (based on a 1-km square grid),
- Natural Heritage Information Centre data.

Data cannot be downloaded directly from this web map; however, information included in this application is available digitally through Land Information Ontario (LIO) at <https://www.ontario.ca/page/land-information-ontario>.

3.2 Land Information Ontario (LIO)

Most natural heritage data is publicly available. This data is managed in a large provincial corporate database called the LIO Warehouse and can be accessed online through the LIO Metadata Management Tool at <https://www.javacoeapp.lrc.gov.on.ca/geonetwork/srv/en/main.home>. This tool provides descriptive information about the characteristics, quality and context of the data. Publicly available geospatial data can be downloaded directly from this site.

While most data are publicly available, some data may be considered highly sensitive (i.e. nursery areas for fish, species at risk observations) and as such, access to some data maybe restricted.

3.3 Additional Species at Risk Information Sources

- The Breeding Bird Atlas can be accessed online at <http://www.birdsontario.org/atlas/index.jsp?lang=en>
- eBird can be accessed online at <https://ebird.org/home>
- iNaturalist can be accessed online at <https://www.inaturalist.org/>
- The Ontario Reptile and Amphibian Atlas can be accessed online at <https://ontarionature.org/programs/citizen-science/reptile-amphibian-atlas>
- Your local Conservation Authority. Information to help you find your local Conservation Authority can be accessed online at <https://conservationontario.ca/conservation-authorities/find-a-conservation-authority/>

Local naturalist groups or other similar community-based organizations

- Local Indigenous communities
- Local land trusts or other similar Environmental Non-Government Organizations
- Field level studies to identify if species at risk, or their habitat, are likely present or absent at or near the site.
- When an activity is proposed within one of the continuous caribou ranges, please be sure to consider the caribou Range Management Policy. This policy includes figures and maps of the continuous caribou range, can be found online at <https://www.ontario.ca/page/range-management-policy-support-woodland-caribou-conservation-and-recovery>

3.4 Information Sources to Support Impact Assessments

- Guidance to help you understand if your activity is likely to adversely impact species at risk or their habitat can be found online at <https://www.ontario.ca/page/policy-guidance-harm-and-harass-under-endangered-species-act> and <https://www.ontario.ca/page/categorizing-and-protecting-habitat-under-endangered-species-act>
- A list of species at risk in Ontario is available online at <https://www.ontario.ca/page/species-risk-ontario>. On this webpage, you can find out more about each species, including where it lives, what threatens it and any specific habitat protections that apply to it by clicking on the photo of the species.

4.0 Check-List

Please feel free to use the check list below to help you confirm you have explored all applicable information sources and to support your discussion with Ministry staff at the preliminary screening stage.

- ✓ Land Information Ontario (LIO)
- ✓ Natural Heritage Information Centre (NHIC)
- ✓ The Breeding Bird Atlas
- ✓ eBird
- ✓ iNaturalist
- ✓ Ontario Reptile and Amphibian Atlas
- ✓ List Conservation Authorities you contacted: _____

- ✓ List local naturalist groups you contacted: _____

- ✓ List local Indigenous communities you contacted: _____

- ✓ List any other local land trusts or Environmental Non-Government Organizations you contacted: _____

- ✓ List and field studies that were conducted to identify species at risk, or their habitat, likely to be present or absent at or near the site: _____

- ✓ List what you think the likely impacts of your activity are on species at risk and their habitat (e.g. damage or destruction of habitat, killing, harming or harassing species at risk): _____

FW: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

From: Stephen Smith <Stephen.Smith@aturapower.com>
Sent: Wednesday, August 30, 2023 5:07 PM
To: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>
Cc: Battarino, Gavin (MECP) <Gavin.Battarino@ontario.ca>; Wilson, Marcelina (MECP) <Marcelina.Wilson@ontario.ca>; David Patterson <david.patterson@aturapower.com>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Subject: RE: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

Good Afternoon Mark,

I'm emailing in response to the 'MECP Acknowledgement of NOC – O. Reg. 116-01 Cat B – Atura Brighton Beach GS Upgrades' letter we received from you and your team on August 16th, 2023 where Atura Power is seeking clarification on the trigger for indigenous consultation.

I have attached a formal letter that outlines our understanding of the project and specifics of our request.

Please let me know if there are any issues.

Thank you,

Stephen Smith
Environmental Specialist | **Atura Power**
289-259-2377 | Stephen.smith@aturapower.com

 **Atura Power - BBP Upgrade Project MECP Letter 08302023.pdf**
112K

August 30, 2023

Mark Badali
Senior Project Evaluator
Environmental Assessment Program Support, Environmental Assessment Branch

Subject: Clarification on why the Duty to Consult got triggered so early in the process.

Dear Mr. Badali,

As you are aware Atura Power has submitted a Notice of Commencement for our Brighton Beach Generating Station Efficiency Upgrades project, which was sent to both the regional EA Notification email and the EAB Director on July 26th, 2023. We then received your letter of acknowledgement and supporting documentation on August 16th, 2023.

Atura Power is seeking clarification of the acknowledgment letter to Ryan Dube. As we understand from the correspondence and the attached documentation title '*Proponent's Intro to Delegation of Procedural Aspects of Consultation with Aboriginal Communities*', that a project in the Environmental Screening Stage under the Electricity Projects Regulation (O.Reg 116/01), Category B, Atura Power's obligations as the proponent are to provide:

- a description of the proposed project or activity.
- mapping.
- proposed timelines.
- details regarding anticipated environmental and other impacts.
- details regarding opportunities to comment; and
- any changes to the proposed project that have been made for seasonal conditions or other factors, where relevant.
- allow Aboriginal communities to provide meaningful feedback regarding the potential impacts of the project.
- bear the reasonable costs associated with the consultation/engagement process such to address technical & capacity issues during review of the Screen Report and relevant studies.
- provide the Crown with all the details about potential impacts on established or asserted Aboriginal or treaty rights, how these concerns have been considered and addressed by the proponent and the Aboriginal communities and any steps taken to mitigate the potential impacts.
- provide the Crown with complete and accurate documentation from these meetings and communications; and
- notify the Crown immediately if an Aboriginal community not identified by the Crown approaches the proponent seeking consultation opportunities.

Could you please provide clarity on why the trigger for Indigenous Consultation has been brought forward so early in the process as it involves an upgrade project with no activities outside the footprint of the facility and no environmental effects beyond the current operation. It is also Atura Power's understanding that the Crown will not initiate such a trigger until after review of the Environmental Screening Report when they will determine if there is a trigger for a fuller Indigenous Consultation as a Category C project with a requirement for an Individual EA.

Sincerely,

Stephen Smith,
Environmental Specialist, Atura Power

FW: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

From: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>
Sent: Wednesday, September 6, 2023 1:42 PM
To: Stephen Smith <Stephen.Smith@aturapower.com>
Cc: Battarino, Gavin (MECP) <Gavin.Battarino@ontario.ca>; Wilson, Marcelina (MECP) <Marcelina.Wilson@ontario.ca>; David Patterson <david.patterson@aturapower.com>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Subject: RE: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

Good afternoon Stephen,

In response to the request outlined in your letter dated August 30, 2023 (attached) for MECP to provide clarity on why the trigger for Indigenous consultation has been brought forward at this stage of the Environmental Screening Process, I offer the following guidance.

The communities MECP has identified at the onset of this Environmental Screening Process hold established treaty rights in the project area and have been identified on an interest basis, as the project either has the potential to impact asserted treaty rights (e.g., hunting, fishing, trapping, archaeology) or the communities have previously informed MECP that they want to be included in consultation for this type of infrastructure project. Communities need to inform the proponent and the ministry if there is a potential to impact a treaty right, and in order for them to be provided a reasonable opportunity to do this they should be engaged throughout the Environmental Screening Process and as early in the process as possible.

Furthermore, section A.6.2.3 and Appendix C of the Guide to Environmental Assessment Requirements for Electricity Projects indicate that one of the project screening criteria is identification of negative effects of the project on First Nations and other Aboriginal communities. This is one of the earliest steps in the Screening Stage of the Environmental Screening Process, and necessitates consultation with potentially impacted communities.

Please do not hesitate to reach out if you have any further questions or concerns regarding this topic or the process in general.

Best regards,

Mark Badali (he/him) | Senior Project Evaluator
Environmental Assessment Program Support | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Mark.Badali1@ontario.ca | (416) 457-2155

Subject: FW: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

From: Stephen Smith <Stephen.Smith@aturapower.com>

Sent: September 14, 2023 4:58 PM

To: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>; Stephen Smith <Stephen.Smith@aturapower.com>

Cc: Battarino, Gavin (MECP) <Gavin.Battarino@ontario.ca>; Wilson, Marcelina (MECP) <Marcelina.Wilson@ontario.ca>; David Patterson <david.patterson@aturapower.com>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Subject: RE: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Good afternoon, Mark,

Thank you for your response and guidance we're committed to meeting all our regulatory requirements for our efficiency upgrade project, if you and your team are available would you be open to having a call to discuss the project and the consultation process with my team so we can better align on what is expected going forward?

Let me know if you're available and if a particular time works best.

I look forward to hearing from you,

Thanks,

Stephen Smith
Environmental Specialist | **Atura Power**
289-259-2377 | Stephen.smith@aturapower.com

Subject: FW: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

From: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>

Sent: Thursday, September 21, 2023 2:49 PM

To: Stephen Smith <Stephen.Smith@aturapower.com>

Cc: Battarino, Gavin (MECP) <Gavin.Battarino@ontario.ca>; David Patterson <david.patterson@aturapower.com>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Subject: RE: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

Some people who received this message don't often get email from mark.badali1@ontario.ca. [Learn why this is important](#)

Hi Stephen,

The ministry would be pleased to attend a pre-consultation meeting to discuss your project. Our current earliest availability is as follows:

- Mon Sept 25: 2:30-4pm
- Tues Sept 26: 9:30-11am
- Wed Sept 27: 2:30-4pm
- Thurs Sept 28: 1-4pm
- Fri Sept 29: 1-2pm, 3-4pm

- Wed Oct 4: 9:30-11am, 1-2pm
- Thurs Oct 5: 9:30-11am, 2-4pm
- Fri Oct 6: 9:30-11am, 1-2pm, 3-4pm

If any of these dates/times work for your project team then please feel free to circulate a meeting invitation. If our additional availability for a later date is required please let me know.

When you send out the meeting invitation please include the following MECP staff:

- Mark Badali, Senior Project Evaluator, mark.badali1@ontario.ca
- Gavin Battarino, Supervisor, Project Review Unit, gavin.battarino@ontario.ca
- Jason Suprovich, Senior Advisor, jason.suprovich@ontario.ca
- Al MacKinnon, Senior Environmental Officer, allan.mackinnon@ontario.ca

Best regards,

Mark Badali ([he/him](#)) | Senior Project Evaluator
Environmental Assessment Program Support | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Mark.Badali1@ontario.ca | (416) 457-2155

Subject: FW: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

From: Stephen Smith
Sent: Wednesday, October 4, 2023 5:01 PM
To: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>; jason.suprovich@ontario.ca
Cc: Battarino, Gavin (MECP) <Gavin.Battarino@ontario.ca>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>; Kelly Grieves <Kelly.Grieves@aturapower.com>
Subject: RE: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

Afternoon Mark and Jason,

Thank you for taking the time to meet with us on September 29th to discuss the Brighton Beach Efficiency Upgrade project and indigenous engagement requirements.

In follow up to our call I wanted to reiterate Atura Power's take aways from our discussion.

- Atura Power will continue to engage with both the public and indigenous communities including the communities the MECP identified at the onset of the project. Our project has begun to develop plans to commence engagement with the identified communities and share information to identify, discuss, and mitigate any concerns or impacts the project may have on their community rights.
- Throughout the EA screening process Atura will continuously engage with both the public and indigenous communities, documenting all engagement activities as required and include them with our EA Screening report.

Thank you again from our project team, please don't hesitate if you you'd like to discuss any details further.

Stephen Smith
Environmental Specialist | **Atura Power**
289-259-2377 | Stephen.smith@aturapower.com

From: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>
Sent: Thursday, October 5, 2023 1:10 PM
To: Stephen Smith <Stephen.Smith@aturapower.com>
Cc: Battarino, Gavin (MECP) <Gavin.Battarino@ontario.ca>; Suprovich, Jason (MECP) <Jason.Suprovich@ontario.ca>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>; Kelly Grieves <Kelly.Grieves@aturapower.com>
Subject: RE: County of Essex, Environmental Screening Process, Brighton Beach Generating Station Efficiency Upgrades

Some people who received this message don't often get email from mark.badali1@ontario.ca. [Learn why this is important](#)

Hi Stephen,

Thank you for the conversation and for sharing your notes. Please feel free to reach out to me any time as your project study proceeds.

Best regards,

Mark Badali ([he/him](#)) | Senior Project Evaluator
Environmental Assessment Program Support | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Mark.Badali1@ontario.ca | (416) 457-2155

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: December 21, 2023 9:33 PM
To: Stephen Smith <Stephen.Smith@aturapower.com>
Subject: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Greetings Interested Parties,

As you know, Atura Power is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS). The upgrades are subject to the Environmental Screening Process for Electricity Projects pursuant to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. Atura Power has prepared a *draft* copy of the Screening Report which documents the results of the Environmental Screening Process undertaken to identify whether any potential environmental effects of the project would occur ('Yes' or 'No'). The Environmental Screening Process determined that the response to all questions is "No", indicating that there are no potential negative environmental effects resulting from the project.

Attached to this email is the draft copy of the Screening Report. We are sharing this draft with Indigenous communities, key agencies and officials such as yourselves, and we will be posting this report to our [project webpage](#) for interested members of the public, to offer an additional opportunity for those interested to review the project details, the Environmental Screening Process undertaken, and assessment findings. Atura Power is voluntarily providing this opportunity so that comments can be incorporated in the final Screening Report. We invite you to review the draft report and share any comments on the report via our project email address, brightonupgrade@aturapower.com. Given we are sharing the report shortly before the holiday season, we are providing an extended review period and will be **accepting comments on the draft report until February 2, 2024**, after which time we will prepare the final version of the Screening Report which will be released later in 2024.

Thank you very much and please contact us at brightonupgrade@aturapower.com with any questions.

Stephen Smith
Environmental Specialist | **Atura Power**
289-259-2377 | Stephen.smith@aturapower.com

From: Badali, Mark (He/Him) (MECP) <Mark.Badali1@ontario.ca>
Sent: Tuesday, January 2, 2024 8:46 PM
To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>; Stephen Smith <Stephen.Smith@aturapower.com>
Subject: RE: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Some people who received this message don't often get email from mark.badali1@ontario.ca. [Learn why this is important](#)

Hi Stephen,

Thank you for providing this draft Screening Report of the above-noted Class EA project for the ministry's consideration, in advance of the final Notice of Completion.

I will coordinate the ministry's review and aim to return any comments that we may have by February 2, 2024, as requested.

Happy New Year,

Mark Badali ([he/him](#)) | Senior Project Evaluator
Environmental Assessment Program Support | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Mark.Badali1@ontario.ca | (416) 457-2155

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Sent: Monday, January 8, 2024 5:46 PM

To: Badali, Mark (He/Him) (MECP) <Mark.Badali1@ontario.ca>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>; Stephen Smith <Stephen.Smith@aturapower.com>

Subject: RE: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Happy New Year, Mark.

On behalf of Stephen and Atura Power, thank you for your message and acknowledgement of our Feb. 2, 2024, deadline. We look forward to receiving your comments.

Best regards,

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

From: Macki, Monika (MECP) <Monika.Macki@ontario.ca>

Sent: Wednesday, January 31, 2024 9:35 PM

To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Subject: RE: Brighton Beach Generating Station (BBS) Efficiency Upgrades: Draft Screening Report

You don't often get email from monika.macki@ontario.ca. [Learn why this is important](#)

Hello,

In response to the draft Screening Report provided for the Brighton Beach Generation Station Efficiency Upgrades (Environmental Assessment, Electricity Project, Schedule B) being completed by Atura Power, please find the ministry's comments attached for your consideration.

Thank you for providing the ministry with an opportunity to comment on the above noted draft Report.

Please note that I am now the new environmental resource planner/assessment coordinator for South West Region, taking over for Mark.

Thank you,

Monika Macki

Environmental Resource Planner/Assessment Coordinator

Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks

monika.macki@ontario.ca

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment
Branch

Direction des évaluations
environnementales

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Fax.: 416 314-8452

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135, avenue St. Clair Ouest
Toronto ON M4V 1P5
Tél. : 416 314-8001
Télééc. : 416 314-8452

Via E-mail Only

January 31, 2024

Ryan Dube
Project Manager, Technical Development
Atura Power
brightonupgrade@aturapower.com

**Re: Brighton Beach Generating Station Upgrades Project
Atura Power
Electricity Projects Regulation, O. Reg. 116/01 (Category B)**

Dear Ryan Dube,

Thank you for providing the ministry with an opportunity to comment on the draft Screening Report for the above noted Class Environmental Assessment (EA) project. Our understanding is that to make efficiency upgrades within the existing facility, Atura Power (the proponent) has determined that replacing internal parts of the natural gas fired combustion turbines with more efficient parts will result in greater electrical output from the gas turbine generators. The Ministry of the Environment, Conservation and Parks (ministry) provides the following comments for your consideration.

Indigenous Engagement

- 1) The proponent should continue to engage with all communities that have been engaged with to date as the Class EA process proceeds.
- 2) Please continue reaching out to communities if there are any substantial changes to the project/process or if the proponent is applying for subsequent permits from the ministry that may be of interest or concern to communities. We recommend that the proponent include the record of consultation with any subsequent applications to the ministry to help in our review of those applications.

- 3) The ministry recommends that proponents include a summary of questions, comments and concerns raised by communities, and how they have been or will be addressed. If none were received, then this should be documented in the Report. It is noted that Caldwell First Nation expressed concern regarding impacts to Species of Risk. It is not clear if and how this concern will be addressed.
 - 4) Documentation of the actual correspondences with Indigenous communities should be included in the final report. The Report should be revised to include a record of consultation with all Indigenous communities contacted during the Class EA process. This draft report contained the template that was sent out indigenous communities, but not the actual correspondences.
-

Thank you for circulating this draft Report for the ministry's consideration. Please document the provision of the draft Report to the ministry as well as this Project Review Unit Comments letter in the final report, and please provide an accompanying response letter to support our review of the final report. A copy of the final Notice should be sent to the ministry's Southwest Region EA notification email account (eanotification.swregion@ontario.ca).

We look forward to receiving a written response from Atura Power to address our comments provided above.

Should you or any members of your project team have any questions regarding the material above, please contact me at monika.macki@ontario.ca.

Sincerely,

Monika Macki

Monika Macki
Environmental Resource Planner/ Environmental Assessment Coordinator
Environmental Assessment Program Support, Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: Tuesday, February 27, 2024 5:22 AM
To: Macki, Monika (MECP) <Monika.MacKi@ontario.ca>
Cc: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>; Darius Sokal <Darius.Sokal@aturapower.com>
Subject: RE: Brighton Beach Generating Station (BBS) Efficiency Upgrades: Draft Screening Report

You don't often get email from brightonupgrade@aturapower.com. [Learn why this is important](#)

Good morning, Monika,

Thank you for sharing the Ministry's review of the draft Screening Report for the Brighton Beach Generating Station Efficiency Upgrades project. I've attached a letter addressing the comments noted in the Project Review Unit Comments letter you shared on Jan. 31, 2024.

Our letter of response will be documented in the final report along with your comments and the invitation to review the draft Screening Report that we shared on Dec. 21, 2023.

Thank you again, and please don't hesitate to contact us with any questions.

Darius Sokal ([hear it](#))

Sr. Communications & Stakeholder Relations Advisor | Atura Power

1415 Joshuas Creek Dr., Unit 200, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

Feb. 27, 2024

Ministry of the Environment,
 Conservation and Parks
 Environmental Assessment Branch
 135 St. Clair Ave. W
 Toronto ON M4V 1P5

Ms. Monica Macki,

**Re: Brighton Beach Generating Station Upgrades Project
 Atura Power
 Electricity Projects Regulation, O. Re. 116/01 (Category B)**

Thank you for providing Atura Power with the Ministry of Environment, Conservation and Park's (MECP) comments on the draft Screening Report for the Brighton Beach Generating Station (BBGS) Upgrades Project, which we shared with you on Dec. 21, 2023. This letter is a response to the comments you shared with the project team in a letter dated Jan. 31, 2024.

Please find responses to each of the questions/comments noted in your letter below.

MECP Comment	Atura Power's Response
1) The proponent should continue to engage with all communities that have been engaged with to date as the Class EA process proceeds.	1) As the Environmental Screening Process proceeds, Atura Power will continue to engage with the Indigenous communities that have been engaged on the project, to date.
2) Please continue reaching out to communities if there are any substantial changes to the project/process or if the proponent is applying for subsequent permits from the ministry that may be of interest or concern to communities. We recommend that the proponent include the record of consultation with any subsequent applications to the ministry to help in our review of those applications.	2) Atura Power will continue to reach out to Indigenous communities in the event of any substantial changes to the project/process and/or in the event Atura Power is submitting any relevant permit applications of interest or concern to those Indigenous communities. Atura Power will include records of engagement with Indigenous communities in any subsequent applications to the ministry.
3) The ministry recommends that proponents include a summary of questions, comments and concerns raised by communities, and how they have been or will be addressed. If none were received, then this should be documented in the Report. It is noted that Caldwell First Nation expressed concern regarding impacts to Species of Risk. It is not clear if and how this concern will be addressed.	3) Atura Power will include a summary of questions, comments and concerns raised by Indigenous communities and how they have been or will be addressed, in the final Screening Report. This summary will include the item regarding impacts to Species at Risk noted by Caldwell First Nation.

<p>4) Documentation of the actual correspondences with Indigenous communities should be included in the final report. The Report should be revised to include a record of consultation with all Indigenous communities contacted during the Class EA process. This draft report contained the template that was sent out indigenous communities, but not the actual correspondences.</p>	<p>4) To aid in the Ministry's review of Indigenous engagement conducted over the Environmental Screening Process, we will provide separate documentation of the actual correspondences with Indigenous communities to the Ministry along with the final Screening Report and Notice of Completion. However, please note that, to respect privacy of Indigenous communities engaged during the process, we will only publish <i>summaries</i> of our engagement with Indigenous communities in the final Screening Report.</p>
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We hope that the responses above address your comments and support your review process. This correspondence will be included as part of the record of engagement in the final Screening Report.

Should you require further clarification, please contact us anytime.

Sincerely,

Darius Sokal
Atura Power
289-795-6573
darius.sokal@aturapower.com

Note: After revisiting the Indigenous engagement records, Atura Power has confirmed that the comment from Caldwell First Nation (#3 in the table above) regarding Species at Risk relates to the Project Report Atura Power completed in CFN's Consultation Portal. Atura Power has revised the engagement record accordingly and there are no outstanding issues/concerns from CFN regarding the BBGS Upgrades project at this time.

Appendix B6b: Correspondence Records with Other Agencies

Email sent by Atura Power to Agencies, including cover letter and Notice of Commencement, on Jul. 26, 2023

FW: File 0019754: Efficiency Upgrades at Brighton Beach Generating Station

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: July-26-23 7:38 AM
To: Darius Sokal <Darius.Sokal@aturapower.com>
Subject: Efficiency Upgrades at Brighton Beach Generating Station

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Good morning.

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station, located at 100 Broadway St. in Windsor, Ont. This email, attached letter and *Notice of Commencement of a Screening and*

Invitation to a Virtual Public Meeting provide more details on the proposed activities, engagement opportunities and how to learn more.

Thank you,

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

 **2023-07-26_BBGS Upgrades Letter and Notice.pdf**
186K

Wednesday, July 26, 2023

To whom it may concern,

This letter is to inform you that Atura Power (Atura) is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS), also known as Brighton Beach Power, at 100 Broadway St., Windsor, Ont. The proposed work will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts that will allow a higher turbine firing temperature. These upgrades will occur during a regular maintenance cycle but, due to improved technology, will result in better performance. All activities to complete the upgrades will take place within the footprint of the existing BBGS. This project is part of Atura's effort to build a more efficient and resilient electricity grid in Ontario.

Currently, BBGS is capable of outputting 570 megawatts (MW) to Ontario's electricity grid. The upgrades will increase the turbine firing temperature, resulting in an output capacity of 612.5 MW. This proposed increase of 42.5 MW results in the upgrades being subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. The attached Notice was issued to communicate the start of the Environmental Screening Process. A copy of the Notice was published in the Windsor Star, Southpoint SUN and River Town Times on Wednesday, July 26, 2023, and is also available on the project webpage at aturapower.com/brightonupgrade.

Atura is committed to engaging Indigenous communities, agencies, the public and other interested parties on all projects. A virtual public meeting will be hosted on **Thursday, August 17, 2023, from 6:30 to 7:30 p.m.** to share more about the planned upgrades and collect feedback from members of the public. The attached Notice includes details on how to join. Outreach to Indigenous communities is also underway to learn how they wish to be engaged about the project.

For more information about the project, please visit our project webpage (see link above). If you have any other questions or inquiries, please do not hesitate to contact us at brightonupgrade@aturapower.com.

Sincerely,



Ryan Dube
Project Manager, Technical Development
Atura Power

Notice of Commencement of a Screening and Invitation to a Virtual Public Meeting

Brighton Beach Generating Station Upgrades

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station (BBGS – also known as Brighton Beach Power).

Project Description

BBGS has operated since 2004 in the County of Essex at 100 Broadway St., Windsor, Ont. It's capable of outputting 570 megawatts (MW) to Ontario's electricity grid.

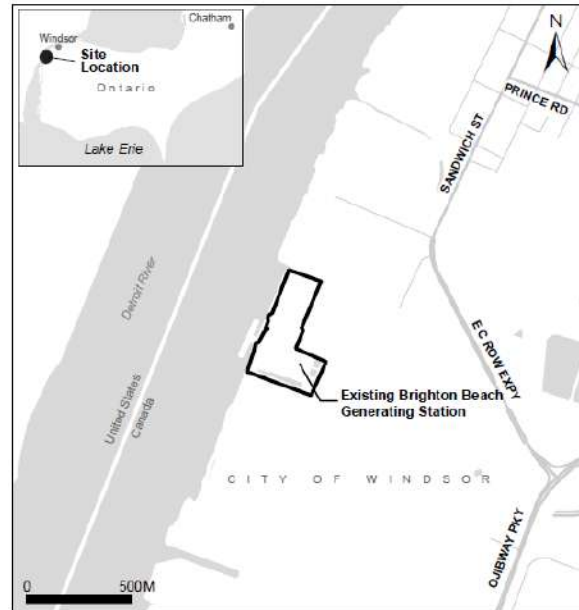
The upgrades will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts during a regular maintenance cycle and will result in an increase in output capacity to 612.5 MW. All upgrades will take place within the existing building and there will be no changes or expansion beyond the existing BBGS footprint.

Atura Power is committed to building a resilient electricity grid in Ontario and is working to address the energy supply shortfall that Ontario will experience in the near future. The planned efficiency upgrades to BBGS are part of Atura Power's efforts to address this supply gap and to make energy production more efficient and affordable.

Environmental Screening Process

Since the project will result in a 42.5 MW increase in output capacity of BBGS, it's subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. This Notice is issued to communicate the start of the Environmental Screening Process.

Atura Power



Virtual Public Meeting

Atura Power is committed to engaging with Indigenous communities, the public and other stakeholders on all our projects. We invite you to attend an upcoming virtual public meeting to learn more and provide feedback. **You can access the link to join the public meeting on the project webpage.**

How to Join

Date: August 17, 2023
Time: 6:30 to 7:30 p.m. EST
Project webpage: aturapower.com/brightonupgrade

If you are unable to participate, meeting materials will be posted on the project webpage for review following the meeting.

Project Contacts

Please email your questions or comments to brightonupgrade@aturapower.com.

For more information: aturapower.com/brightonupgrade

Comments and information regarding this project are being collected in accordance with the *Freedom of Information and Protection of Privacy Act* for the purpose of meeting environmental assessment requirements.

FW: File 0019754: Efficiency Upgrades at Brighton Beach Generating Station

From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Sent: Tuesday, August 8, 2023 10:42 AM
To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Cc: Darius Sokal <Darius.Sokal@aturapower.com>
Subject: FW: File 0019754: Efficiency Upgrades at Brighton Beach Generating Station

Ryan Dube,

Please find attached our initial advice on the above referenced undertaking.

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Individual staff roles and contact information remain unchanged. Please continue to send any notices, report and/or documentation to both Karla Barboza and myself.

Please do not hesitate to contact me with any questions or concerns.

Regards,

Joseph Harvey | Heritage Planner

Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit

Ministry of Citizenship and Multiculturalism

613.242.3743

Joseph.Harvey@ontario.ca

 2023-08-08_BrightonBeachGS-MCM-Ltr.pdf
212K

**Ministry of Citizenship
and Multiculturalism**

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Tel.: 613.242.3743

**Ministère des Affaires civiques
et du Multiculturalisme**

Unité de la planification relative au
patrimoine
Direction du patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
Tél.: 613.242.3743



August 8, 2023

EMAIL ONLY

Ryan Dube
Project Manager
Technical Development
Atura Power
brightonupgrade@aturapower.com

MCM File : **0019754**
Proponent : **Atura Power**
Subject : **Environmental Screening Process for Electricity Projects (Ontario Regulation 116/01) – Notice of Commencement**
Project : **Brighton Beach Generating Station Upgrades**
Location : **Brighton Beach Generating Station (BBGS), also known as Brighton Beach Power, at 100 Broadway St., Windsor**

Dear Ryan Dube:

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Notice of Commencement for the above-referenced project.

MCM's interest in this project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- archaeological resources, including land and marine);
- built heritage resources, including bridges and monuments; and
- cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on known (previously recognized) and potential cultural heritage resources.

Please note that the [Standards and Guidelines for Conservation of Provincial Heritage Properties](#) (S&Gs), prepared pursuant to Section 25.2 of the *Ontario Heritage Act* (OHA), came into effect on July 1, 2010. All Ontario government ministries and public bodies that are prescribed under Ontario Regulation 157/10 must comply with the S&Gs. They apply to property that is owned or controlled by the Crown in right of Ontario or by a prescribed public body.

Project Summary

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station (BBGS – also known as Brighton Beach Power). The upgrades will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts during a regular maintenance cycle and will result in an increase in output capacity to 612.5 MW. All upgrades will

take place within the existing building and there will be no changes or expansion beyond the existing BBGS footprint. Since the project will result in a 42.5 MW increase in output capacity of BBGS, it's subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*.

Identifying Cultural Heritage Resources

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation.

Archaeological Resources

This EA project may impact archaeological resources and should be screened using the Ministry's [Criteria for Evaluating Archaeological Potential](#) to determine if an archaeological assessment is needed. MCM archaeological sites data are available at archaeology@ontario.ca.

If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) shall be undertaken by an archaeologist licenced under the *Ontario Heritage Act (OHA)*, who is responsible for submitting the report directly to MCM for review.

Built Heritage Resources and Cultural Heritage Landscapes

The Ministry's [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) should be completed to help determine whether this EA project may impact known or potential built heritage resources and/or cultural heritage landscapes.

If there is potential for built heritage resources and/or cultural heritage landscapes on the property or within the project area, a Cultural Heritage Evaluation Report (CHER) should be undertaken by a qualified person to determine the cultural heritage value or interest of the property (or project area). If the property (or project area) is determined to be of cultural heritage value or interest and alterations or development is proposed, MCM recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, be completed to assess potential project impacts. Please send the HIA to MCM and the City of Windsor for review and comment and make it available to local organizations or individuals who have expressed interest in review.

Community input should be sought to identify locally recognized and potential cultural heritage resources. Sources include, but are not limited to, municipal heritage committees, historical societies and other local heritage organizations.

Cultural heritage resources are often of critical importance to Indigenous communities. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to them.

Environmental Assessment Reporting

All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MCM whether any technical cultural heritage studies will be completed for this EA project, and provide them to MCM before issuing a Notice of Completion or commencing any work on the site. If screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Individual staff roles and contact information remain unchanged. Please continue to send any notices, report and/or documentation electronically to both Karla Barboza and myself.

- Karla Barboza, Team Lead - Heritage | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-660-1027 | karla.barboza@ontario.ca
- Joseph Harvey, Heritage Planner | Heritage Planning Unit (Citizenship and Multiculturalism) | 613. 242. 3743 | joseph.harvey@ontario.ca

Thank you for consulting MCM on this project and please continue to do so throughout the EA process. If you have any questions or require clarification, please do not hesitate to contact me.

Sincerely,

Joseph Harvey
Heritage Planner
Heritage Planning Unit
joseph.harvey@Ontario.ca

Copied to: Darius Sokal, Sr. Communications Advisor, Atura Power

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

The *Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33* requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with *Ontario Regulation 30/11* the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified ([at archaeology@ontario.ca](mailto:archaeology@ontario.ca)) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: December 21, 2023 11:12 PM
To: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>
Cc: Stephen Smith <Stephen.Smith@aturapower.com>
Subject: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hello Joseph Harvey and Karla Barboza,

Thank you for your letter to Atura Power on August 8, 2023, acknowledging our plans to make efficiency upgrades at the Brighton Beach Generating Station (BBGS) and noting the Ministry of Citizenship and Multiculturalism's (MCM) guidance for consideration.

Given that the upgrades will involve replacing the same parts that would normally be replaced at regular maintenance overhauls, will take place within the existing facility, and the existing facility footprint will not change, we do not anticipate any effects to the MCM interests identified. As you are aware, the upgrades are subject to the Environmental Screening Process for Electricity Projects pursuant to Ontario Regulation 116/01, under the Ontario Environmental Assessment Act. Atura Power has prepared a draft copy of the Screening Report which documents the results of the Environmental Screening Process undertaken to identify whether any potential environmental effects of the project would occur ('Yes' or 'No'). The Environmental Screening Process determined that the response to all questions is "No", indicating that there are no potential negative environmental effects resulting from the project.

Attached to this email is the draft copy of the Screening Report. We invite you to review the draft report and share any comments on the report via our project email address, brightonupgrade@aturapower.com. Given we are sharing the report shortly before the holiday season, we will be providing a more extended review period and accepting comments on the draft report until February 2, 2024, after which time we will prepare the final version of the Screening Report which will be released later in 2024.

Thank you very much and please contact us at brightonupgrade@aturapower.com with any questions.

Stephen Smith

Environmental Specialist | **Atura Power**

289-259-2377 | Stephen.smith@aturapower.com

From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Sent: Thursday, December 28, 2023 2:38 PM
To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>; Stephen Smith <Stephen.Smith@aturapower.com>
Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Stephen Smith <Stephen.Smith@aturapower.com>
Subject: FW: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Some people who received this message don't often get email from joseph.harvey@ontario.ca. [Learn why this is important](#)

Hi Stephen,

Thanks for providing us with this update. We will provide comments on the draft Environmental Screening Report as appropriate by February 2, 2023.

Thanks,

Joseph Harvey | Heritage Planner
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
Ministry of Citizenship and Multiculturalism
613.242.3743
Joseph.Harvey@ontario.ca

Effective October 17, 2022, units responsible for cultural heritage matters have been transferred from the Ministry of Tourism, Culture and Sport (MTCSS) to the Ministry of Citizenship and Multiculturalism (MCM). Responsibility for the Ontario Heritage Act and associated Provincial functions is now held by MCM. Individual staff roles and contact information remain unchanged.

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: Monday, January 8, 2024 5:44 PM
To: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>; Stephen Smith <Stephen.Smith@aturapower.com>
Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Stephen Smith <Stephen.Smith@aturapower.com>
Subject: RE: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Happy New Year, Joseph.

On behalf of Stephen and Atura Power, thank you for your message and acknowledgement of our Feb. 2, 2024, deadline for comments.

Best regards,

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Sent: Thursday, February 1, 2024 3:58 PM
To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; EA Notices to SWRegion (MECP) <eanotification.swregion@ontario.ca>; Macki, Monika (MECP) <Monika.MacKi@ontario.ca>
Subject: FW: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

You don't often get email from joseph.harvey@ontario.ca. [Learn why this is important](#)

Stephan Smith,

Please find attached our comments on the draft Screening Report prepared for the above referenced undertaking.

Please do not hesitate to contact me with any questions or concerns.

Regards,

?

Joseph Harvey | Heritage Planner

Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit

Ministry of Citizenship and Multiculturalism

613.242.3743

Joseph.Harvey@ontario.ca

**Ministry of Citizenship
and Multiculturalism**

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Tel.: 613.242.3743

**Ministère des Affaires civiques
et du Multiculturalisme**

Unité de la planification relative au
patrimoine
Direction du patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
Tél.: 613.242.3743



February 1, 2024

EMAIL ONLY

Stephan Smith
Environmental Specialist
Atura Power
brightonupgrade@aturapower.com

MCM File : **0019754**
Proponent : **Atura Power**
Subject : **Environmental Screening Process for Electricity Projects (Ontario Regulation 116/01) – Draft Screening Report**
Project : **Brighton Beach Generating Station Efficiency Upgrades**
Location : **Brighton Beach Generating Station (BBGS), also known as Brighton Beach Power, at 100 Broadway St., Windsor**

Dear Ryan Dube:

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with your email, dated December 21, 2023, which included the Draft Screening Report (ESR) (dated December 2023, prepared by Avaanz Ltd.) for our review and comment. MCM's interest in this project relates to its mandate of conserving Ontario's cultural heritage.

Under the EA process, the proponent is required to determine a project's potential impact on known (previously recognized) and potential cultural heritage resources.

Project Summary

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station (BBGS – also known as Brighton Beach Power). The upgrades will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts during a regular maintenance cycle and will result in an increase in output capacity to 612.5 MW. All upgrades will take place within the existing building and there will be no changes or expansion beyond the existing BBGS footprint. Since the project will result in a 42.5 MW increase in output capacity of BBGS, it's subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*.

Comments

The ESR does not fully address cultural heritage resources, the screening carried out to identify them, or measures to be taken to avoid or mitigate impacts on them. MCM's letter, dated August 8, 2023, (See ESR Appendix B5b) included advice on how to screen the project area for cultural heritage resources. We continue to recommend the following:

- This EA project should be screened using the Ministry's [Criteria for Evaluating Archaeological Potential](#) to determine if an archaeological assessment is needed. MCM archaeological sites data are available at archaeology@ontario.ca.

If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) shall be undertaken by an archaeologist licenced under the Ontario Heritage Act (OHA), who is responsible for submitting the report directly to MCM for review during this planning phase.

Any further recommended archaeological assessments (e.g., Stage 2,3,4) should be completed as early as possible during detailed design and prior to any ground disturbing activities.

- The Ministry's [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) should be completed to help determine whether this EA project may impact known or potential built heritage resources and/or cultural heritage landscapes.

If there is potential for built heritage resources and/or cultural heritage landscapes on the property or within the project area, a Cultural Heritage Evaluation Report (CHER) should be undertaken by a qualified person to determine the cultural heritage value or interest of the project area. If the project area is determined to be of cultural heritage value or interest and alterations or development is proposed, MCM recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, be completed to assess potential project impacts as early as possible during detailed design prior to any construction activity. CHERs (and HIAs if recommended) should be sent to MCM and the City of Windsor heritage planning staff for review and comment and be made available to local organizations or individuals who have expressed interest in review.

We have attached a table with additional comments and recommendations to support the ESR's documentation of cultural heritage due diligence for your consideration.

Thank you for making the ESR available for our review. If you have any questions or require clarification, please do not hesitate to contact me.

Sincerely,

Joseph Harvey
Heritage Planner
Heritage Planning Unit
joseph.harvey@Ontario.ca

Copied to: Karla Barboza, Team lead, Heritage Planning Unit, MCM
Monika Macki, Environmental Resource Planner & EA Coordinator, MECP
EA Notices to SW Region, MECP

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

The *Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33* requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with *Ontario Regulation 30/11* the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Document Section	Given Text	MCM Comments
<p>3.1 (Existing Conditions)</p> <p>p. 11</p>	<p>NA</p>	<p>Under an EA process, proponents should identify and describe the existing baseline conditions (see comments in the cover letter). We suggest including the following text in ESR section 3.1:</p> <p style="padding-left: 40px;">Cultural Heritage Environment:</p> <p style="padding-left: 40px;">Cultural heritage resources include archaeological resources, built heritage resources and cultural heritage landscapes.</p> <p>[The suggested text below is if the checklist indicates that there is low potential for archaeological resources]</p> <p style="padding-left: 40px;">Archaeological Resources</p> <p style="padding-left: 40px;">The screening checklist, Criteria for Evaluating Archaeological Potential, developed by the Ministry of Citizenship and Multiculturalism, was completed as part of the Environmental Screening Report (see Appendix X) determining that archaeological potential within the study area is low and therefore archaeological assessment was not undertaken.</p> <p>[The text below would apply if the checklist indicates that the study area has archaeological potential]</p> <p style="padding-left: 40px;">A Stage 1 archaeological assessment (AA) (under Project Information Form number XX) was undertaken on [Date] by [Consultant] in support of this environmental assessment. A Stage 1 AA consists of a review of geographic, land use and historical information for the property and the relevant surrounding area. Its purpose is to identify areas of archaeological potential and further archaeological assessment (e.g., Stage 2, 3, and 4) as necessary. The Stage 1 AA has been entered into the Ontario Public Register of Archaeological Reports. The Stage 1 AA is included in Appendix X.</p> <p style="padding-left: 40px;">[Please include the Stage 1 and MCM letter indicating that the report has been entered into the Register. Then include the outcomes and recommendations of the report, as is in the Executive Summary – just copy and paste, don't summarize.]</p>

Document Section	Given Text	MCM Comments
		<p>[The suggested text below is if the checklist indicates that there is low potential for built heritage resources and cultural heritage landscapes within the study area]</p> <p style="text-align: center;">Built Heritage Resources and Cultural Heritage Landscapes</p> <p>The screening checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes, developed by the Ministry of Citizenship and Multiculturalism, was completed as part of the Environmental Screening Report (see Appendix X) determining that the study area has low potential for built heritage resources and cultural heritage landscapes. Therefore, no technical cultural heritage studies have been undertaken.</p> <p>[The text below may apply if the checklist indicates the presence of identified or potential built heritage resources and cultural heritage landscapes within the study area]</p> <p>The screening checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes, developed by the Ministry of Tourism, Culture and Sport (now MCM), was completed as part of the Environmental Screening Report (see Appendix x). The study area was determined to have potential for built heritage resources and cultural heritage landscapes.</p> <p>[include the appropriate technical cultural heritage study addressing BHR/CHL. The following text is just an example.]</p> <p>A Cultural Heritage Evaluation Report (CHER) (dated xx and prepared by xx) (See appendix x) determined the property to be of CHVI. A Heritage Impact Assessment (HIA) (dated x and prepared by x) was undertaken to identify potential impacts to the property's CHVI (see Appendix x).</p>

Document Section	Given Text	MCM Comments
3.5 (Mitigation Measures, Residual Net Effects, and Impact Management Commitments) p. 28	NA	<p>We recommend including the following mitigation measures addressing impacts to the cultural environment:</p> <ul style="list-style-type: none"> - Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the <i>Ontario Heritage Act</i>. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the <i>Ontario Heritage Act</i>. - The <i>Funeral, Burial and Cremation Services Act, 2002</i>, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with Ontario Regulation 30/11 the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that <i>Act</i> related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the <i>Ontario Heritage Act</i>.

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: Monday, March 4, 2024 12:18 PM
To: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; EA Notices to SWRegion (MECP) <eanotification.swregion@ontario.ca>; Macki, Monika (MECP) <Monika.MacKi@ontario.ca>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Subject: RE: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

You don't often get email from brightonupgrade@aturapower.com. [Learn why this is important](#)

Good afternoon, Mr. Harvey.

On behalf of Stephen Smith and Atura Power, thank you for your email and attached letter dated Feb. 1, 2024, and for confirming that MCM staff completed their review of the draft Screening Report for our Brighton Beach Generating Station (BBGS) Efficiency Upgrades project.

The letter attached to this email confirms that the upgrades will be limited to replacing parts of the existing natural gas fired combustion turbines, that the upgrades will take place within the current facility, and that there will be no changes or expansion beyond the existing BBGS footprint. The letter also confirms that we will screen for and evaluate any cultural heritage resources for this project and ensure the results become part our final Screening Report.

Thank you again for your review of our project materials, and please reach out with any further questions.

Darius Sokal ([hear it](#))

Sr. Communications & Stakeholder Relations Advisor | Atura Power

1415 Joshuas Creek Dr., Unit 200, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

March 4, 2024

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and Heritage Division
5th Floor, 400 University Ave.

Dear Mr. Joseph Harvey,

Re: Environmental Screening Process for Electricity Projects (Ontario Regulation 116/01) – Draft Screening Report

Thank you for confirming MCM staff have completed their review of the draft Screening Report for our Brighton Beach Generating Station (BBGS) Efficiency Upgrades project and sharing the letter containing MCM's comments on Feb. 1, 2024.

As noted in your Feb. 1, 2024, letter, we are confirming that the upgrades will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts, all upgrades will take place within the existing facility, and that there will be no changes or expansion beyond the existing BBGS footprint. We understand that the Ministry has recommended that Atura Power complete screening and evaluation to identify any cultural heritage resources for this project. As such, we will undertake this screening and include the results in our final Screening Report.

Thank you again for your review of our draft Screening Report and project materials. Please reach out if you have any further questions.

Stephen Smith
Environmental Specialist
Atura Power

From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>

Sent: Tuesday, March 12, 2024 4:33 PM

To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; EA Notices to SWRegion (MECP) <eanotification.swregion@ontario.ca>; Macki, Monika (MECP) <Monika.Macki@ontario.ca>

Subject: FW: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Hi Darius,

Thanks for providing us with your response. We look forward to reviewing the screening and final ESR.

Regards,

Joseph Harvey | Heritage Planner

Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit

Ministry of Citizenship and Multiculturalism

613.242.3743

Joseph.Harvey@ontario.ca

Effective October 17, 2022, units responsible for cultural heritage matters have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Responsibility for the Ontario Heritage Act and associated Provincial functions is now held by MCM. Individual staff roles and contact information remain unchanged.

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Sent: Monday, April 15, 2024 3:51 PM

To: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; EA Notices to SWRegion (MECP) <eanotification.swregion@ontario.ca>; Macki, Monika (MECP) <Monika.MacKi@ontario.ca>; Darius Sokal <Darius.Sokal@aturapower.com>

Subject: RE: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Good afternoon, Mr. Harvey.

Thank you for your continued interest in our Brighton Beach Power project. As mentioned below by Darius, please see the attached letter and technical memo regarding the results of *Criteria for Evaluation Potential for Built Heritage Resources and Cultural Heritage Landscapes: A Checklist for the Non-Specialists*.

If you have any questions or comments, please let me and our project team know. I would also extend the invitation to have a meeting to discuss the results and the project itself with you as needed.

Thank you,

Stephen Smith

Environmental Specialist | **Atura Power**

289-259-2377 | Stephen.smith@aturapower.com

April 15 2024

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and Heritage Division
5th Floor, 400 University Ave.

Dear Mr. Joseph Harvey,

Re: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Thank you for your email on March 12, 2024, confirming receipt of our letter and indicating you look forward to reviewing the final Screening Report for our BBGS Efficiency Upgrades (Upgrades) project.

We are reaching out to share that we have completed the *Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes: A Checklist for the Non-Specialist*, as recommended by the Ministry of Citizenship and Multiculturalism. The screening determined that, "Based on the review of the proposed efficiency upgrades and the potential cultural heritage value identified through the screening process, no adverse (direct or indirect) impacts are anticipated". The screening concluded that, "no adverse impacts are anticipated to the identified cultural heritage resources (i.e. the Canadian Heritage River System watershed) as a result of the proposed upgrades and therefore, no mitigation and conservation measures are warranted". As mentioned in our previous correspondence, we will include these findings as well as a copy of the Cultural Heritage Screening Checklist in our final Screening Report and will notify you when the final Screening Report is available. In the meantime, please also find a copy of the Cultural Heritage Screening Checklist attached to this letter.

Regarding potential for impacts to archaeological resources, we would like to note that the planned upgrades do not require storage, staging and working areas, or temporary roads or detours beyond the facility footprint. All project activities will take place entirely within the facility. The facility footprint will not change, and no additional external laydown areas will be required. We hope this addresses MCM's comments related to archaeological potential.

Thank you again for your review and comments regarding this project. Please reach out should you have any further questions or comments. We will notify you when the final Screening Report is available for review as part of the mandated 30-day comment period associated with the Environmental Screening Process.



Stephen Smith
Environmental Specialist
Atura Power



MEMO

To:	Krishana Gnanachandran, Atura Power
From:	Rachel Redshaw, Associate and Christy Kirwan, Heritage Planner, MHBC
Date:	April 3, 2024
File:	22357F
Subject:	Brighton Beach Generating Station (BBGS) Efficiency Upgrades Cultural Heritage Screening- Technical Memorandum

MHBC was retained by Atura Power (part of the Independent Environmental Consultants project team) to complete the *Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes: A Checklist for the Non-Specialist*, a checklist provided by the Ministry of Citizenship and Multiculturalism for the Brighton Beach Generating Station (BBGS).

The BBGS is located at 100 Broadway Street, Windsor, Ontario which, for the purpose of the screening, is considered the "Project Area" (see **Attachment No.1**). Atura Power is proposing efficiency upgrades to increase the facility generating capacity by an average of 42.5MW to achieve a total average electrical output contract capacity of 583.75MW². The upgrades are proposed to occur within existing buildings located in CT1A and CT1B within a facility that was opened in 2004 (see **Attachment No.3**). The proposed upgrades will occur exclusively within the interior of the CTG enclosures, and tools, parts, and equipment will be stored temporarily only in the area immediately surrounding the enclosures. The storage of tools, parts, and equipment is temporary and will be removed following the completion of the project.

The proposed upgrades to the BBGS are subject to the Environmental Screening Process for Electricity Projects pursuant to *Ontario Regulation 50/24* under the *Ontario Environmental Assessment Act*. The purpose of this Technical Memorandum is to summarize the results of the screening required for Electricity Projects as it relates to cultural heritage resources and describe any potential impact and subsequent mitigation measures.

The Project Area meets one of the potential considerations for cultural heritage value assessed in Part B of the Screening Questionnaire because the Project Area is in a Canadian Heritage River watershed (see **Attachment No. 2** for completed checklist). The Detroit River is an identified a Canadian Heritage River and a National Historic Site ("NHS"), and the Project Area lies within the boundaries of the Turkey Creek/Detroit River Watershed.

Based on the review of the proposed efficiency upgrades and the potential cultural heritage value identified through the screening process, no adverse (direct or indirect) impacts are anticipated. No impacts are anticipated particularly because the planned upgrades will be located within the existing buildings of the facility. Therefore, the proposed upgrades will not result in destruction, alteration, shadows, isolation, change of land use or land disturbances as it relates to the Detroit River watershed.

Significant views or vistas of the river will not be altered or impacted because the proposed upgrades are located within existing buildings.

In conclusion, no adverse impacts are anticipated to the identified cultural heritage resources (i.e. the Canadian Heritage River System watershed) as a result of the proposed upgrades and therefore, no mitigation and conservation measures are warranted.

Yours truly,

A handwritten signature in blue ink that reads "Rachel Redshaw". The signature is fluid and cursive, with the first name "Rachel" and last name "Redshaw" clearly legible.

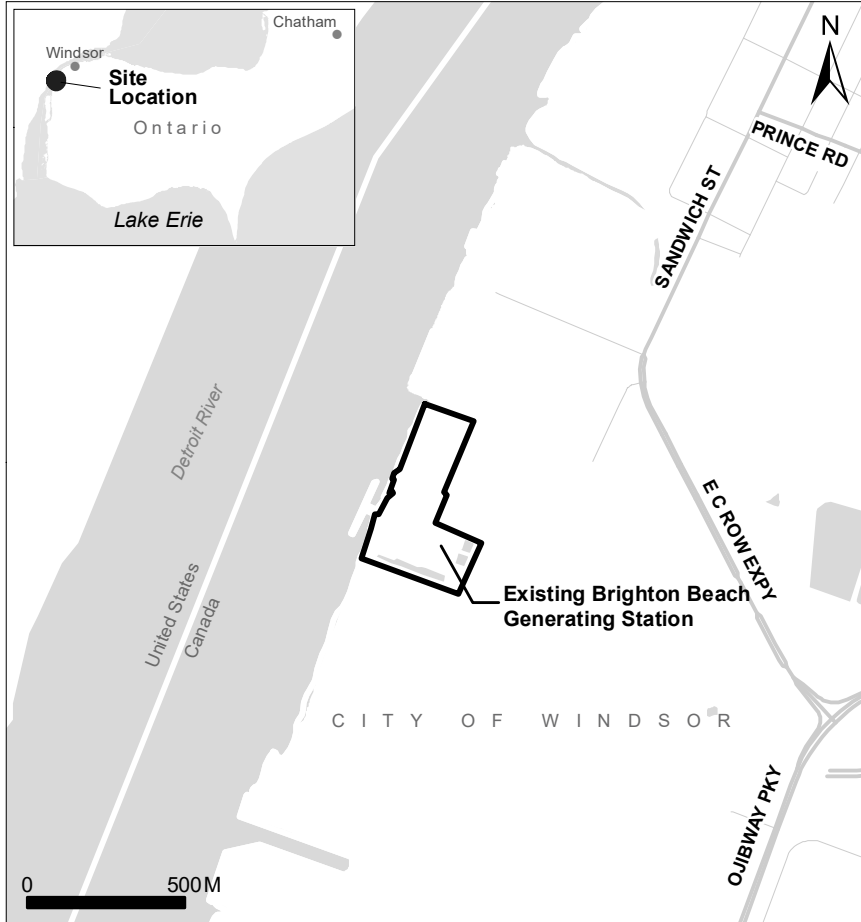
MHBC

Rachel Redshaw, Associate/ Heritage Planner, MA, H.E. Dipl., CAHP

cc. Dan Currie, Managing Director of Cultural Heritage

Attachment No.1

Project Area Map



Attachment No.2

Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes: A Checklist for the Non-Specialist

Project or Property Name

Brighton Beach Generating Station (BBGS) Efficiency Upgrades

Project or Property Location (upper and lower or single tier municipality)

100 Broadway St, Windsor, ON N9C 4J3

Proponent Name

Atura Power

Proponent Contact Information

Krishana Gnanachandran, krishana.gnanachandran@aturapower.com

Screening Questions

	Yes	No
1. Is there a pre-approved screening checklist, methodology or process in place?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If Yes, please follow the pre-approved screening checklist, methodology or process.

If No, continue to Question 2.

Part A: Screening for known (or recognized) Cultural Heritage Value

	Yes	No
2. Has the property (or project area) been evaluated before and found not to be of cultural heritage value?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If Yes, do **not** complete the rest of the checklist.

The proponent, property owner and/or approval authority will:

- summarize the previous evaluation and
- add this checklist to the project file, with the appropriate documents that demonstrate a cultural heritage evaluation was undertaken

The summary and appropriate documentation may be:

- submitted as part of a report requirement
- maintained by the property owner, proponent or approval authority

If No, continue to Question 3.

	Yes	No
3. Is the property (or project area):		
a. identified, designated or otherwise protected under the <i>Ontario Heritage Act</i> as being of cultural heritage value?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. a National Historic Site (or part of)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. designated under the <i>Heritage Railway Stations Protection Act</i> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. designated under the <i>Heritage Lighthouse Protection Act</i> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. identified as a Federal Heritage Building by the Federal Heritage Buildings Review Office (FHBRO)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. located within a United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If Yes to any of the above questions, you need to hire a qualified person(s) to undertake:

- a Cultural Heritage Evaluation Report, if a Statement of Cultural Heritage Value has not previously been prepared or the statement needs to be updated

If a Statement of Cultural Heritage Value has been prepared previously and if alterations or development are proposed, you need to hire a qualified person(s) to undertake:

- a Heritage Impact Assessment (HIA) – the report will assess and avoid, eliminate or mitigate impacts

If No, continue to Question 4.

Part B: Screening for Potential Cultural Heritage Value

	Yes	No
4. Does the property (or project area) contain a parcel of land that:		
a. is the subject of a municipal, provincial or federal commemorative or interpretive plaque?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. has or is adjacent to a known burial site and/or cemetery?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. is in a Canadian Heritage River watershed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. contains buildings or structures that are 40 or more years old?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part C: Other Considerations

	Yes	No
5. Is there local or Aboriginal knowledge or accessible documentation suggesting that the property (or project area):		
a. is considered a landmark in the local community or contains any structures or sites that are important in defining the character of the area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. has a special association with a community, person or historical event?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. contains or is part of a cultural heritage landscape?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If Yes to one or more of the above questions (Part B and C), there is potential for cultural heritage resources on the property or within the project area.

You need to hire a qualified person(s) to undertake:

- a Cultural Heritage Evaluation Report (CHER)

If the property is determined to be of cultural heritage value and alterations or development is proposed, you need to hire a qualified person(s) to undertake:

- a Heritage Impact Assessment (HIA) – the report will assess and avoid, eliminate or mitigate impacts

If No to all of the above questions, there is low potential for built heritage or cultural heritage landscape on the property.

The proponent, property owner and/or approval authority will:

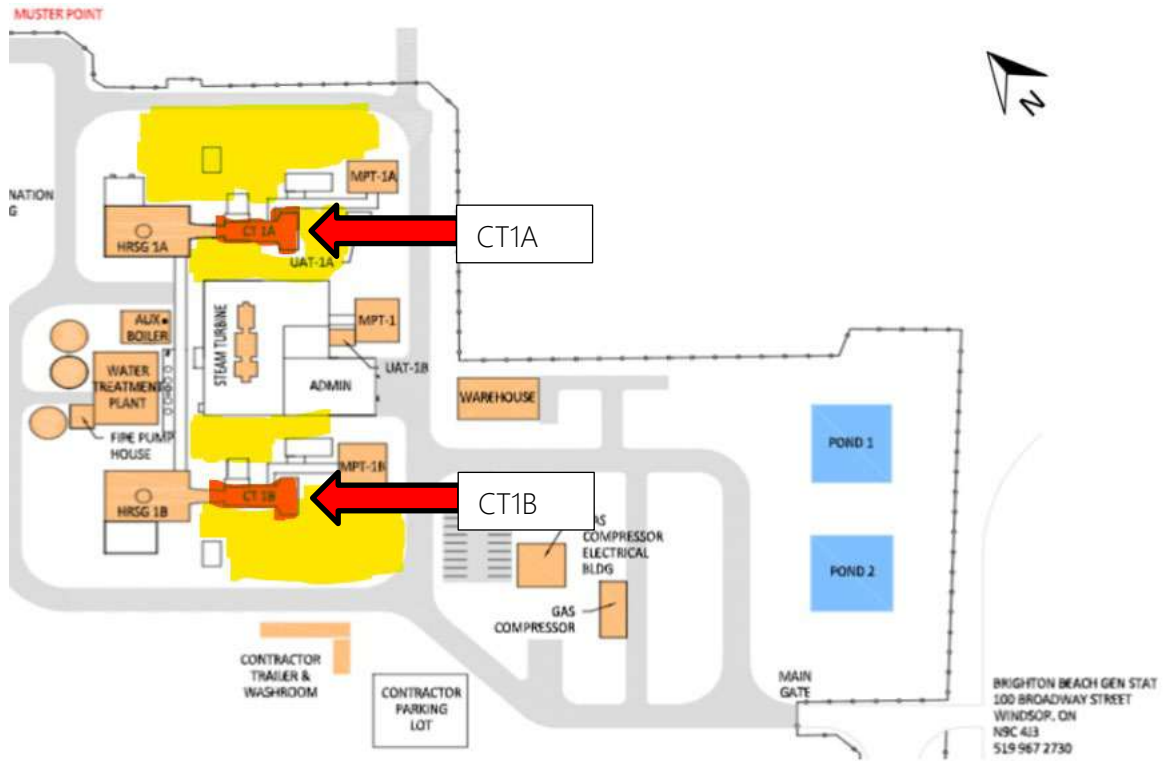
- summarize the conclusion
- add this checklist with the appropriate documentation to the project file

The summary and appropriate documentation may be:

- submitted as part of a report requirement e.g. under the *Environmental Assessment Act*, *Planning Act* processes
- maintained by the property owner, proponent or approval authority

Attachment No.3

Location of Proposed Upgrades



Note: This email included copies of two (2) response records shared between MCM and Atura Power regarding the BBGS Upgrades project. Copies are provided in the pages above.

From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Sent: Tuesday, April 23, 2024 11:07 AM
To: Stephen Smith <Stephen.Smith@aturapower.com>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; EA Notices to SWRegion (MECP) <eanotification.swregion@ontario.ca>; Macki, Monika (MECP) <Monika.MacKi@ontario.ca>; Darius Sokal <Darius.Sokal@aturapower.com>
Subject: RE: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Stephen Smith,

Thanks for providing us with your response. We have reviewed the response and have the following comments regarding the status of cultural heritage due diligence:

Archaeological Resources

We note that the project area was not screened for archaeological potential as section 2.3 (Other Permits and Approvals) of the draft Screening Report (prepared by Avaanz Ltd., dated December 2023) indicates that no ground disturbance is planned as part of this undertaking. In addition, the attached response states that the planned upgrades will not require development beyond the facility footprint at 100 Broadway Street (e.g., storage, staging and working areas, or temporary roads or detours).

Please include this email and all related correspondence between MCM and Atura in the final Screening Report.

Built heritage Resources and Cultural Heritage Landscapes

The completed Ministry checklist: [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes: A Checklist for the Non-Specialist](#), indicates there is low potential for built heritage resources and cultural heritage landscapes within the project area. We continue to recommend that a (sub)section be included under ESR section 3 (Existing Conditions) which documents the result of the checklist. Please include the completed checklist and any supporting documentation in the final Screening Report.

We continue to look forward to reviewing the final Screening Report

Thanks,

Joseph Harvey

Heritage Planner | Heritage Branch | Citizenship Inclusion and Heritage Division
Ministry of Citizenship and Multiculturalism | Ontario Public Service
613.242.3743 | Joseph.Harvey@ontario.ca

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Sent: Monday, April 29, 2024 12:53 PM

To: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Stephen.Smith <Stephen.Smith@aturapower.com>; Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; EA Notices to SWRegion (MECP) <eanotification.swregion@ontario.ca>; Macki, Monika (MECP) <Monika.Macki@ontario.ca>; Darius Sokal <Darius.Sokal@aturapower.com>

Subject: RE: File 0019754: Brighton Beach Generating Station (BBGS) Efficiency Upgrades: Draft Screening Report

Good afternoon Mr. Harvey,

Thank you for your recent correspondence received on Apr. 23, 2024, regarding our BBGS Efficiency Upgrades project. We will incorporate your comments in our final Screening Report which we expect to share with you early next month.

Thanks,

Stephen Smith

Environmental Specialist | **Atura Power**

289-259-2377 | Stephen.smith@aturapower.com

FW: Brighton Beach Generating Station Efficiency Upgrades

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: Wednesday, August 16, 2023 10:59 AM
To: SecondaryLandUse@HydroOne.com
Subject: Brighton Beach Generating Station Efficiency Upgrades

Good afternoon.

The attached letter and Notice of Commencement are to inform you that Atura Power is planning to make efficiency upgrades at the Brighton Beach Generating Station located at 100 Broadway St., Windsor, Ont.

We shared the attached PDF with those on our project contact list in late July and recently realized that you may not have received it as part of that distribution. Please review the attached PDF for more details about the proposed activities, engagement opportunities, and how to learn more.

Thank you and please contact us anytime by emailing brightonupgrade@aturapower.com.

Sincerely,

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

 **2023-07-26_BBGS Upgrades Letter and Notice.pdf**
186K

Wednesday, July 26, 2023

To whom it may concern,

This letter is to inform you that Atura Power (Atura) is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS), also known as Brighton Beach Power, at 100 Broadway St., Windsor, Ont. The proposed work will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts that will allow a higher turbine firing temperature. These upgrades will occur during a regular maintenance cycle but, due to improved technology, will result in better performance. All activities to complete the upgrades will take place within the footprint of the existing BBGS. This project is part of Atura's effort to build a more efficient and resilient electricity grid in Ontario.

Currently, BBGS is capable of outputting 570 megawatts (MW) to Ontario's electricity grid. The upgrades will increase the turbine firing temperature, resulting in an output capacity of 612.5 MW. This proposed increase of 42.5 MW results in the upgrades being subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. The attached Notice was issued to communicate the start of the Environmental Screening Process. A copy of the Notice was published in the Windsor Star, Southpoint SUN and River Town Times on Wednesday, July 26, 2023, and is also available on the project webpage at aturapower.com/brightonupgrade.

Atura is committed to engaging Indigenous communities, agencies, the public and other interested parties on all projects. A virtual public meeting will be hosted on **Thursday, August 17, 2023, from 6:30 to 7:30 p.m.** to share more about the planned upgrades and collect feedback from members of the public. The attached Notice includes details on how to join. Outreach to Indigenous communities is also underway to learn how they wish to be engaged about the project.

For more information about the project, please visit our project webpage (see link above). If you have any other questions or inquiries, please do not hesitate to contact us at brightonupgrade@aturapower.com.

Sincerely,



Ryan Dube
Project Manager, Technical Development
Atura Power

Notice of Commencement of a Screening and Invitation to a Virtual Public Meeting

Brighton Beach Generating Station Upgrades

Atura Power is planning to make efficiency upgrades at its Brighton Beach Generating Station (BBGS – also known as Brighton Beach Power).

Project Description

BBGS has operated since 2004 in the County of Essex at 100 Broadway St., Windsor, Ont. It's capable of outputting 570 megawatts (MW) to Ontario's electricity grid.

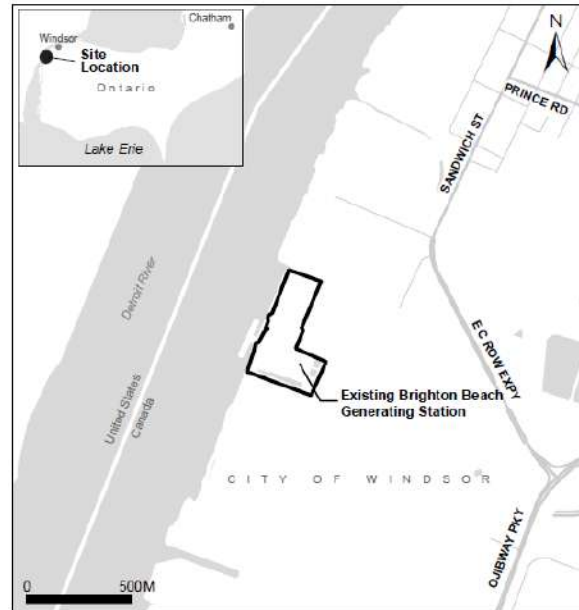
The upgrades will be limited to replacing parts of the existing natural gas fired combustion turbines with more efficient parts during a regular maintenance cycle and will result in an increase in output capacity to 612.5 MW. All upgrades will take place within the existing building and there will be no changes or expansion beyond the existing BBGS footprint.

Atura Power is committed to building a resilient electricity grid in Ontario and is working to address the energy supply shortfall that Ontario will experience in the near future. The planned efficiency upgrades to BBGS are part of Atura Power's efforts to address this supply gap and to make energy production more efficient and affordable.

Environmental Screening Process

Since the project will result in a 42.5 MW increase in output capacity of BBGS, it's subject to the Environmental Screening Process for Electricity Projects subject to Ontario Regulation 116/01, under the Ontario *Environmental Assessment Act*. This Notice is issued to communicate the start of the Environmental Screening Process.

Atura Power



Virtual Public Meeting

Atura Power is committed to engaging with Indigenous communities, the public and other stakeholders on all our projects. We invite you to attend an upcoming virtual public meeting to learn more and provide feedback. **You can access the link to join the public meeting on the project webpage.**

How to Join

Date: August 17, 2023
Time: 6:30 to 7:30 p.m. EST
Project webpage: aturapower.com/brightonupgrade

If you are unable to participate, meeting materials will be posted on the project webpage for review following the meeting.

Project Contacts

Please email your questions or comments to brightonupgrade@aturapower.com.

For more information: aturapower.com/brightonupgrade

Comments and information regarding this project are being collected in accordance with the *Freedom of Information and Protection of Privacy Act* for the purpose of meeting environmental assessment requirements.

FW: Hydro One Response: 20230830-NoticeOfPIC1-Brighton Beach Generating Station Upgrades

-----Original Message-----

From: SUN Hongxia <Susan.SUN@HydroOne.com> On Behalf Of SECONDARY LAND USE Department

Sent: Wednesday, August 30, 2023 2:24 PM

To: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>

Cc: SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>

Subject: Hydro One Response: 20230830-NoticeOfPIC1-Brighton Beach Generating Station Upgrades

[You don't often get email from department.secondarylanduse@hydroone.com. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Please see the attached for Hydro One's Response.

Hydro One Networks Inc

SecondaryLandUse@HydroOne.com

This email and any attached files are privileged and may contain confidential information intended only for the person or persons named above. Any other distribution, reproduction, copying, disclosure, or other dissemination is strictly prohibited. If you have received this email in error, please notify the sender immediately by reply email and delete the transmission received by you. This statement applies to the initial email as well as any and all copies (replies and/or forwards) of the initial email



20230830-NoticeOfPIC1-Brighton Beach Generating Station Upgrades.pdf

33K



Hydro One Networks Inc.

483 Bay Street
8th Floor South Tower
Toronto, Ontario M5G 2P5

HydroOne.com

August 30, 2023

Re: Brighton Beach Generating Station Upgrades

Attention:
Ryan Dube
Project Manager, Technical Development
Atura Power

Thank you for sending us notification regarding (Brighton Beach Generating Station Upgrades). In our preliminary assessment, we confirm there are no existing Hydro One Transmission assets in the subject area. Please be advised that this is only a preliminary assessment based on current information.

If plans for the undertaking change or the study area expands beyond that shown, please contact Hydro One to assess impacts of existing or future planned electricity infrastructure.

Any future communications are sent to Secondarylanduse@hydroone.com.

Be advised that any changes to lot grading and/or drainage within proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Sent on behalf of,

**Secondary Land Use
Asset Optimization
Strategy & Integrated Planning
Hydro One Networks Inc.**

Reminder email sent by Atura Power to key agencies on Aug. 17, 2023"

FW: Brighton Beach Generating Station Efficiency Upgrades

From: Upgrade project for Brighton Beach <brightonupgrade@aturapower.com>
Sent: Thursday, August 17, 2023 8:23 AM
To: Darius Sokal <Darius.Sokal@aturapower.com>
Subject: Brighton Beach Generating Station Efficiency Upgrades

Good morning.

This email is to inform you that Atura Power will be hosting a virtual public meeting tonight, August 17th, from 6:30 to 7:30 p.m. about proposed efficiency upgrades at Brighton Beach Generating Station.

A link to access the meeting is available on the Brighton Beach Generating Station upgrades project webpage here: aturapower.com/brightonupgrade.

If you are unable to participate, links to meeting materials will be posted on the project webpage following the meeting.

Thank you and please email your questions or comments to brightonupgrade@aturapower.com.

Sincerely,

Darius Sokal ([hear it](#))

Sr. Communications Advisor | Atura Power

1415 Joshuas Creek Dr., Unit #101, Oakville, ON L6H 7G4

E: darius.sokal@aturapower.com

M: 289-795-6573

Appendix B7: Notice of Completion

Notice of Completion of a Screening Report

Brighton Beach Generating Station Upgrades

Atura Power, a subsidiary of Ontario Power Generation, is planning to make efficiency upgrades at the Brighton Beach Generating Station (BBGS).

Project Description

BBGS is a combined-cycle natural gas-fueled electricity generating station with an average electrical output contract capacity of about 541 megawatts (MW). The station is located at 100 Broadway St., in Windsor, Ont.

The upgrades will involve replacing internal parts of the natural gas fired combustion turbines with more efficient parts which will increase the facility generating contract capacity by an average of 42.5 MW to achieve a total average contract capacity of approximately 584 MW. All upgrades will take place within the facility and there will be no changes or expansion beyond the existing BBGS footprint.

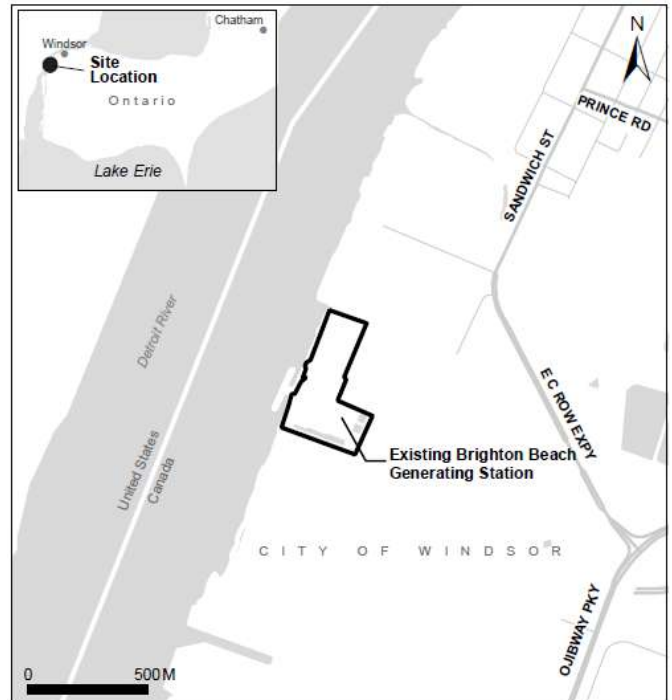
The Independent Electricity System Operator (IESO) quantified the near-term additional electricity supply need in Ontario, stating that an additional 4,000 MW of new capacity is required by May 2027. Procurements for projects capable of meeting the increased electricity demand in 2027 will need to be completed in the short term. Atura Power is prepared to help meet that need and support Ontarians through upgrades that will optimise and increase energy generation at BBGS.

Environmental Screening Process

Since the project will increase the facility generating contract capacity (electrical output) by an average of 42.5 MW, the upgrades are subject to the Environmental Screening Process for Electricity Projects pursuant to Ontario Regulation (O.Reg.) 116/01, under the Ontario *Environmental Assessment Act*. Note: Since starting the project in July 2023, the Government of Ontario revoked O.Reg. 116/01 so the upgrades are now subject to the Environmental Screening Process pursuant to O.Reg. 50/24.

Atura Power prepared a Screening Report according to the Environmental Screening Process for Electricity Projects (pursuant to O.Reg. 50/24). The Screening Report documents the results of the Environmental Screening Process undertaken to identify whether any potential environmental effects of the project would occur ('Yes' or 'No'). The Environmental Screening Process determined that all Screening Criteria scored 'No' as a result of the BBGS upgrades

Atura Power



project, and without any mitigation, all regulatory requirements will be met. Atura Power intends to move forward with implementing the upgrades subject to other required approvals.

Indigenous communities, agencies, municipal staff, elected officials, and members of the public are invited to review the Screening Report beginning on May 8, 2024, at aturapower.com/brightonupgrade. The last day comments can be submitted is June 7, 2024.

Any outstanding concerns about the project should be emailed to Atura Power at brightonupgrade@aturapower.com. If the matter is unable to be resolved, the concerned individual may submit a written request to the Minister of the Environment, Conservation and Parks, copying the Director of the Environmental Assessment and Approvals Branch, at the Ministry of the Environment, Conservation and Parks (MECP) and Atura Power, to elevate the project to either an Environmental Review or to a Comprehensive Environmental Assessment. Elevation requests must be made according to the provisions set out in the MECP's Environmental Screening Process for Electricity Projects.

Note that elevation requests must be submitted to the Minister and a copy sent to the Director and Atura Power within the 30-day review period between May 8 and June 7, 2024.

MECP Contact Information

	Minister	Director
Mailing Address	Ministry of the Environment, Conservation and Parks 777 Bay St., 5 th Floor Toronto, ON M7A 2J3	Environmental Assessment Branch Ministry of the Environment, Conservation and Parks 135 St. Clair Ave. W., 1 st Floor Toronto, ON M4V 1P5
Email Address	minister@mecp@ontario.ca	EABDirector@ontario.ca

Project Contact Information

More information, including other project-related documentation, is available at aturapower.com/brightonupgrade.

If you require any assistance regarding accessibility concerns or wish to share questions or comments, please email us at brightonupgrade@aturapower.com.

For more information: <https://aturapower.com/>

Comments and information regarding this project are being collected in accordance with the *Freedom of Information and Protection of Privacy Act* for the purpose of meeting environmental assessment requirements.

Appendix C

Comments on the Draft Screening Report

- **Appendix C1: Comments from Members of the Public**
- **Appendix C2: Comments from Municipal Staff and Elected Officials**
- **Appendix C3: Comments from Agencies**

Note: Project materials released in 2023 note the upgrades to BBGS will increase the facility generating contract capacity by an average of 42.5 MW (from 570 MW to 612.5 MW), based on a winter (Season 1) contract capacity. When accounting for seasonable variability, BBGS generating contract capacity will increase by an average of 42.5 MW but from an average electrical output contract capacity of 541.25 MW to a total average electrical output contract capacity of 583.75 MW.

Note: In February 2024, the Government of Ontario revoked O.Reg. 116/01, replacing it with O.Reg. 50/24 and made subsequent updates to the Guide to Environmental Assessment Requirements for Electricity Projects. See Note to Readers on page iv for more information.

Appendix C1: Comments from Members of the Public

Atura Power has not received any comments/questions from members of the public regarding the BBGS Efficiency Upgrades project, to date.

Appendix C2: Comments from Municipal Staff and Elected Officials

Summary of Draft Screening Report Comments from Municipal Staff and Elected Officials

The following table captures questions and comments received from municipal staff and elected officials during the draft Screening Report review period from Dec. 21, 2023, to Feb. 2, 2024. Copies of the emails containing the comments referenced in the table below can be viewed in **B5: Correspondence Records with Municipal Staff and Elected Officials**.

Name/Title	Organisation	Date of Comment	Comment	Draft Screening Report Section Reference	How Atura Power Addressed the Comment/Question	Section of the Final Screening Report that was Updated, if applicable
Michelle Moxley-Peltier, Community Energy Plan Administrator	City of Windsor, Environmental Sustainability and Climate Change Department	Feb. 1, 2024	The City of Windsor expressed an interest in understanding changes to Greenhouse Gas (GHG) emissions associated with the BBGS Upgrades.	Section 3.4: Review of Screening Criteria	Atura Power responded to the City of Windsor via email on Feb. 23, 2024, to provide a technical response noting the conditions under which Atura Power operates and how that influences Atura Power's ability to estimate changes in overall GHG emissions.	n/a

Appendix C3: Comments from Agencies

Summary of Draft Screening Report Comments from Agencies

The following table captures questions and comments received from agencies during the draft Screening Report review period from Dec. 21, 2023, to Feb. 2, 2024. Copies of the emails containing the comments referenced in the table below can be viewed in **B6: Correspondence Records with Agencies**.

Name/Title	Organisation	Date of Comment	Comment	Draft Screening Report Section Reference	How Atura Power Addressed the Comment/Question	Section of the Final Screening Report that was Updated, if applicable
Monika Macki, Environmental Resource Planner/ Environmental Assessment Coordinator	Ministry of the Environment, Conservation, and Parks (MECP)	Jan. 31, 2024	The MECP thanked Atura Power for the opportunity to comment on the draft Screening Report and shared comments related to Atura Power's engagement with Indigenous communities. Specifically, the MECP requested that Atura Power: continue to engage with Indigenous communities; share relevant information with Indigenous communities; document any project-related comments/concerns raised by the community and how they were/will be addressed; and prepare Indigenous engagement records.	Section 4.6: Indigenous Engagement	Atura Power responded to the MECP via email on Feb. 27, 2024 and included a letter thanking MECP for their comments and confirming that Atura Power will undertake documenting, information-sharing, and engagement with Indigenous communities, per the MECP's direction.	Section 4.6: Indigenous Engagement
Joseph Harvey, Heritage Planner	Ministry of Citizenship and Multi-culturalism (MCM)	Feb. 1, 2024	The MCM thanked Atura Power for the opportunity to comment on the draft Screening Report and recommended consideration of two areas of interest with respect to the Cultural Heritage Environment associated with the project and related Environmental Screening Process.	Section 3: Environmental Screening	Atura Power responded to the MCM via email on Mar. 4, 2024 to confirm Atura Power would complete a screening to address MCM's comments. Atura Power followed up with the MCM on Apr. 15, 2024, to share a letter and technical memo demonstrating Atura Power's consideration and findings associated with the MCM's areas of interest.	Section 3.4: Review of Screening Criteria See Section 3.3.2 of the Screening Report for more information. In addition, copies of the correspondence including the technical memo are provided in Appendix B6b.