

Environmental Effects Screening Form

P3076 Thornton Area Load ("the Project")

The purpose of this form is to obtain information to support the AESO's abbreviated needs identification document (ANID) application or consideration under Section 501.3 of the ISO Rules, Abbreviated Needs Approval Process, including whether the Project could be eligible as an ANID Checklist Application. The information provided in this form may be made public as part of an AUC proceeding or in response to an AUC compliance review in accordance with Section 7.1 of AUC Rule 007, *Facility Applications*, effective November 6, 2025.

ENVIRONMENTAL EFFECTS OF THE PROJECT

Please identify and explain whether any of the applied for routes occur within or intersect:

- Waterbodies (if yes, please specify)
- Crown land (other than the beds and shores of waterbodies and wetlands)
- National or Provincial Parks
- Caribou Range
- Mountain Goat and Sheep Area
- Key Wildlife and Biodiversity Zones
- Lands with Historic Resource Values of 1, 2 or 3
- Any other environmental or land use features of concern

The proposed Project is within the existing Thornton 2091S substation fenced enclosure and on the developed substation property. The Project does not intersect any waterbodies, Parks, or lands with Historic Resource Value. The Project is in the Grizzly Bear zone.

A project-specific environmental protection plan will be developed for the Project.

With the implementation of planned mitigation measures, is the Project expected to result in significant environmental effects?

☐ Yes

☒ No

Provide additional explanation as necessary.

ATCO will address the environmental and land use effects in its Application for the Project as per AUC Rule 007. Based on the scope of the Project, data available, and ATCO's mitigative measures,

the Project is not expected to result in significant environmental effects.

SIGNATURE

I, Laurie Jenkin, understand this form has been completed to the best of ATCO Electric Ltd.'s knowledge and based on project area information available to date.

Company Representative	Signature:	
	Print Name:	Laurie Jenkin
	Job Title:	Land Planning, Land & Environment
	Company:	ATCO Electric Ltd.
	Date:	May 29, 2026