



Natural Resources
Canada

Ressources naturelles
Canada

2 September 2025

CIAR File No: 89790

Chineye Ewelike
Impact Assessment Agency of Canada
Prairie and Northern Region

Submitted by email: Greenlight@iaac-aeic.gc.ca

Subject: NRCan Federal Authority Advice Record for Greenlight Electricity Centre Project

On August 11, 2025, Natural Resources Canada (NRCan) received a request from the Impact Assessment Agency to review the initial project description for the Greenlight Electricity Centre Project, located near Gibbons, Alberta and complete the federal authority advice form.

Pursuant to section 23 of Impact Assessment Act (IAA 2019), NRCan is participating in the impact assessment of the Greenlight Electricity Centre. NRCan has reviewed the Greenlight Electricity Centre Initial Project Description and Summary of the Initial Project Description. NRCan does not have specific expertise relevant to this project and its response is included in the Appendix 1: Federal Authority Advice Record (FAAR) form.

If you have any questions, comments, or concerns, please contact Natalie.Robinson@nrcan-rncan.gc.ca

Sincerely,

Natalie Robinson

Senior Impact Assessment Officer
Impact Assessment Division, Office of the Chief Scientist
Natural Resources Canada

CC: Annie Montpetit, Acting Team Lead, Impact Assessment Division
Sonja Kosuta – Senior Director, Impact Assessment & Science Capacity

Appendix 1 Federal Authority Advice Record Greenlight Electricity Centre Project

Appendix 1: Federal Authority Advice Record (FAAR)**FAAR Response must be submitted by September 2, 2025**Greenlight Electricity Centre Project – Greenlight Electricity Centre Limited Partnership.
Registry File: 89790

| | |
|-------------------|--|
| Department/Agency | Natural Resources Canada |
| Lead Contact | Natalie Robinson |
| Full Address | 580 Booth Street Ottawa ON K1A 0Y7 |
| Email | Natalie.Robinson@nrca-nrcan.gc.ca |
| Telephone | 403.483.4587 |
| Alternate Contact | Annie Montpetit Annie.Montpetit@nrca-nrcan.gc.ca |

1. Will your department or agency exercise a **power, perform a duty or function**, or provide **financial assistance**, related to the project to enable it to be carried out in whole or in part?

As relevant,

- a) Specify the power, duty or function, or financial assistance, and the likelihood that it will be required to construct the project, based on the Initial Project Description, as either Required, Potential, Likely, Unlikely or Not Required

Based on the information provided to date, NRCAN is unlikely to exercise a power or perform a duty or function pursuant to the Department's regulatory role under the Explosives Act.

- b) Describe any associated Indigenous or public consultation, including timelines

No Indigenous or public consultation is anticipated in relation to the exercise of that function.

- c) Describe any associated information requirements (e.g., alternative means assessment, habitat offsetting), and specify those that may be coordinated with the impact assessment process, if an impact assessment is required¹

Not applicable

- d) Identify any associated project-specific guidance or issues of which the proponent should be aware, or information the proponent should provide.

In regards to other project related information the Proponent should be aware of, Natural Resources Canada leads the [Open Science and Data Platform](#), an open catalogue of thousands of federal, provincial and territorial government records, including, datasets, scientific publications, and regulatory information relating to impact assessment and cumulative effects. The diverse information accessible through the Platform would be useful to the proponent to inform the identification of issues, analysis and drafting of their impact statement should a federal impact assessment be required.

2. **Using Table 1**, identify project- and context- specific **key issues**, based on the expertise within your mandate² and the information in your possession, including the Initial Project Description, any exchanges with the proponent or others related to the project and known means to address the effects of the project. For each key issue:

- a) Specify the key issue (e.g., specific species and location)
b) Specify the project component or activity linked to the key issue
c) Explain why it's a key issue based on:

¹ The Government of Canada has set a target of five years or less to complete federal impact assessments and related permitting processes for federally designated projects and a three-year target for nuclear project reviews.

² Refer to the [Memoranda of Understanding with IAAC](#).

- i. biophysical effect pathway(s) from the specific project component or activity
 - ii. concern unique to the project or a priority within your mandate
 - iii. the issue being material³ to decision making under the *Impact Assessment Act*
- d) Identify how the issue could be resolved, including through means other than an impact assessment
- e) Identify additional information the proponent could provide including to give confidence on how the issue can be addressed through other means.

No key issues were identified.

Natalie Robinson
Sr. Impact Assessment Officer

Name and title of Departmental /
Agency Responder

September 2, 2025

Date

³ An issue is material to decision making if its analysis is anticipated to affect the conclusions on (1) whether adverse effects within federal jurisdiction or direct and incidental adverse effects (collectively adverse federal effects) are likely not significant, or of low, medium or high significance; (2) appropriate mitigation measures for significant adverse federal effects; or (3) justification in the public interest.

Table 1: Key Issues to inform the impact assessment process

This table should outline key issues to inform the impact assessment process, including whether an impact assessment is required and, if so, the scope of the assessment and tailoring of the Tailored Impact Statement Guidelines.

Key issues are the major concerns directly related to a project component or activity, the analysis of which is anticipated to be material to decision-making under the *Impact Assessment Act*.

Federal authorities' advice should be guided by the identification and resolution of key issues. If an impact assessment is required, it will be focused on key issues.

| Comment ID | a) Key issue | b) Project component or activity | c)(i) Biophysical effect pathway(s) | c)(ii) Concern unique to the project or a priority within your mandate | c)(iii) Material to federal decision-making | d) Means for issue resolution | e) Additional information from the proponent |
|---|--|---|---|---|--|---|--|
| <p><i>Identify comments by organization and comment number.</i></p> <p><i>e.g.: IAAC-01</i></p> | <p><i>Specify the key issue (e.g., specific species and location).</i></p> | <p><i>Identify the project component or activity linked to the key issue.</i></p> <p><i>Be specific about the nature, scale, novelty and complexity or the component or activity.</i></p> | <p><i>Identify the specific biophysical effect pathway between the project component or activity and the affected environmental or human receptor (including Indigenous Peoples).</i></p> | <p><i>Describe why it's a key issue within the mandate of your department or agency, including in terms of priorities of the federal government and in terms of anticipated likelihood, severity or uncertainty of effects.</i></p> <p><i>Identify if the key issue is common for projects of this nature or in this sector, or whether it's unique to this project due to its complexity, size or novelty; a sensitive or rare receiving environment; and/or proximity of sensitive environmental or human receptors (including Indigenous Peoples).</i></p> | <p><i>Describe why the key issue is material to decision-making as either:</i></p> <ul style="list-style-type: none"> • <i>an adverse effect within federal jurisdiction, or a direct or incidental adverse effect, that may be significant based on available evidence including:</i> <ul style="list-style-type: none"> ○ <i>federal experts' knowledge and experience with past project assessments;</i> ○ <i>presence of sensitive species, habitats or human receptors (including Indigenous Peoples);</i> ○ <i>novel or complex project activities, components or technologies;</i> ○ <i>high uncertainties in effects or in the effectiveness of mitigation measures;</i> ○ <i>unknown or unproven mitigation; or</i> • <i>a factor for the justification in the public interest anticipated to be material to decision-making such as a likely positive effect contributing to sustainability, to Canada's environmental obligations or climate change commitments or in supporting governmental priorities, such as reconciliation with Indigenous Peoples.</i> | <p><i>Describe how the key issue could be resolved or addressed by:</i></p> <ul style="list-style-type: none"> • <i>Any means, including powers, duties, functions, frameworks, policies or guidance that your department or agency has;</i> • <i>Any means, including powers, duties, functions, frameworks, policies or guidance from another jurisdiction, including the province;</i> • <i>Common, proven, well-understood or standard mitigation measures to mitigate the effect or effect pathway(s); or</i> • <i>Commitments made by the proponent (e.g., in the Initial Project Description).</i> | <p><i>Describe information the proponent can provide, or commitments the proponent can make, in their Response to the Summary of Issues that would provide confidence that the issue can be resolved by existing means.</i></p> <p><i>Consider whether information, studies, analyses or collaborative work with other authorities would be required to address the issue beyond existing means.</i></p> |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Please insert additional rows as necessary.