



Capital Power Generation Services Inc.

Genesee Unit 3 Power Plant Alteration

June 18, 2021

Alberta Utilities Commission

Decision 26457-D01-2021

Capital Power Generation Services Inc.

Genesee Unit 3 Power Plant Alteration

Proceeding 26457

Application 26457-A001

June 18, 2021

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Alberta Utilities Commission

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The Commission may, within 30 days of the date of this decision and without notice, correct typographical, spelling and calculation errors and other similar types of errors and post the corrected decision on its website.

1 Decision summary

1. In this decision, the Alberta Utilities Commission approves an application from Capital Power Generation Services Inc. to alter Genesee Unit 3 Power Plant to enable construction and operation of Phase 1 of the Genesee Carbon Conversion Centre.

2 Application

2. Capital Power Generation Services Inc. filed a letter of enquiry application with the Commission requesting approval to alter Genesee Unit 3 Power Plant (G3) to enable construction and operation of a project for carbon capture, designated as Phase 1 of the Genesee Carbon Conversion Centre. The proposed alterations would include installation of a new flue gas inlet piping from the G3 stack to the Genesee Carbon Conversion Centre, a new 13.8-kilovolt switchgear section in the Genesee Generating Station's existing switchgear, and installation of a new transformer. G3 is located in the Genesee area.

3. Pursuant to Approval 25821-D02-2020,¹ Capital Power Management Inc. is the owner and Capital Power Generation Services Inc. is the operator (collectively referred to as Capital Power) of G3.

4. Capital Power's application included:

- A participant involvement program, which confirmed there were no outstanding objections from adjacent landowners. The participant involvement program also outlined concerns raised by the Paul First Nation, including the request for a site visit. Capital Power indicated that it was working with the Paul First Nation to address any questions and accommodate a tour with safety protocols in place due to COVID-19.
- A letter from Alberta Environment and Parks confirming that the project would not require an amendment to the Genesee Generating Station's *Environmental Protection and Enhancement Act* approval.²

5. Capital Power planned to complete the construction of the proposed alterations in the summer of 2021, to enable commencement of Genesee Carbon Conversion Centre operations in the second quarter of 2022.

¹ Power Plant Approval 25821-D02-2020, Proceeding 25821, Application 25821-A001, September 1, 2020.

² Exhibit 26457-X0005, Attachment 4 - Correspondence with Alberta Environment and Parks.

6. The Commission issued a notice of application and no submissions were received in response to the notice.

3 Findings

7. Capital Power stated that the alterations to G3 would be minor and would not result in any negative environmental or stakeholder impacts. Further, it stated that the alterations would not alter the rated gross capacity of G3 and there would be no changes to the fenceline, location of power plant, height, or dimensions of the facility. It also stated that the alterations would occur entirely within the fenced perimeter of the existing power plant and the amount of new infrastructure would be minor relative to the existing infrastructure at G3.

8. Capital Power further stated that the alterations would not negatively affect air emissions or groundwater, impact a water body, affect a known environmentally sensitive area or result in any other environmental impacts. Capital Power added that no alterations to existing water licences would be required and there would be no need for any additional studies or surveys because all changes would be within the existing G3 footprint.

9. The Commission finds Capital Power's participant involvement program satisfies the requirements of Rule 007: *Applications for Power Plants, Substations, Transmission Lines, Industrial System Designations and Hydro Developments* and notes that no submissions were received in response to the notice of application.

10. Capital Power has provided information respecting the need, nature, extent, land affected, land ownership and the timing of the alterations, in accordance with the requirements of Section 12 of the *Hydro and Electric Energy Regulation*. Capital Power has also stated that no adverse environmental impact will be caused by the alterations.

11. The Commission finds the alterations are of a minor nature, no person is directly and adversely affected by the proposal and no significant adverse environmental impact will be caused by the alterations, thereby meeting the requirements of Section 11 of the *Hydro and Electric Energy Regulation*.

4 Decision

12. The Commission approves Application 26457-A001. Due to the nature of the alterations, a new approval for G3 is not required.

Dated on June 18, 2021.

Alberta Utilities Commission

(original signed by)

Cairns Price
Commission Member