

August 14, 2023

Decision 28316-D01-2023

Enterprise Solar GP Inc.
Suite 403, 119 Spadina Avenue
Toronto, Ont. M5V 2L1

Attention: Devyn Richardson

Vulcan County Community Solar Project Amendments
Proceeding 28316
Application 28316-A001

Letter of enquiry approval

1. Enterprise Solar GP Inc. filed a letter of enquiry with the Alberta Utilities Commission to amend the final equipment selection and site plan layout at the approved but not yet constructed Vulcan County Community Solar Project, located near the town of Vulcan, Alberta. The proposed work is related to facilities previously approved by the Commission in Approval 27793-D04-2022.¹ Approval is required for this work under Section 11 of the *Hydro and Electric Energy Regulation*.

2. The proposed changes and final equipment selection include the following:
- a. Modify the fenceline such that the western boundary fence will move to the west by approximately 155 metres and the northern boundary fence will move slightly back from Township Road 164 to the north. The fenced area will increase from 36.3 hectares to 39.1 hectares.
 - b. Change the solar panel layout and reduce the number of solar panels from 54,000 to 36,450. The model of the solar panels will be the LONGi LR5-72HBD 550M, which are rated at 550 watts each.
 - c. Change the solar panel tracking system from fixed-tilt to single-axis tracking.
 - d. Reduce the number of inverters from six to five. The inverter model will be the Sungrow SG3600UD-MV, which includes an integrated transformer. Each inverter is rated at 3,600 kilovolt ampere (kVA).

3. The amended project remains on private, cultivated lands within the same quarter section that was assessed in the original environmental evaluation and all identified environmental setbacks have been maintained. In response to an information request, Enterprise Solar

¹ Power Plant Approval 27793-D04-2022, Proceeding 27793, Application 27793-A002, December 23, 2022.

confirmed that an environmental protection plan is being prepared and will be utilized during the construction and operation of the project.

4. Enterprise Solar submitted an updated noise impact assessment, which concluded the predicted cumulative noise levels are slightly higher than the originally approved project nevertheless, the amended project is expected to comply with the daytime and nighttime permissible sound levels per Rule 012: *Noise Control*.

5. A revised solar glare assessment was submitted that predicted a reduction in the expected glare such that the amended project would not generate any glare that would be received by nearby receptors. This reduction is attributed to the switch from fixed-tilt to a single-axis tracking system for the solar panels. Enterprise Solar stated that both the original and revised glare assessments found there would be no risk of glare on nearby airports, flight paths, roadways, railways, buildings or structures that would require mitigation.

6. Enterprise Solar stated that it has notified stakeholders of the project amendments and there are no outstanding concerns.

7. Enterprise Solar has provided information respecting the need, nature, extent, land affected, land ownership and the timing of the work, in accordance with the requirements of Section 12 of the *Hydro and Electric Energy Regulation*. Enterprise Solar has also stated that no adverse environmental impact will be caused by the proposed work and confirmed that the project will continue to comply with Rule 012.

8. Based upon the information provided, the Commission is satisfied that the proposal is 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 proposed alterations, thereby meeting the requirements of Section 11 of the *Hydro and Electric Energy Regulation*.

9. The Commission approves the application. Approval 28316-D02-2023 is attached.

10. The Commission may, no later than 60 days from 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.

Alberta Utilities Commission

(original signed by)

Danielle Glover
Director – Electric Transmission, Facilities Division
On behalf of the Alberta Utilities Commission

Attachment