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Alberta Utilities Commission

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Energy Storage Facility
Approval 30958-D02-2026

Appendix 1 to Decision 30958-D01-2026	October 9, 2026
Kneehill Solar GP Inc. Kneehill Battery Energy Storage Facility Amendment	Proceeding 30958 Application 30958-A001

Kneehill Solar GP Inc., under Approval 30539-D02-2026,[1] has approval to construct and operate a 10-megawatt (MW) energy storage facility within the existing Kneehill Solar Generation Facility boundary in the Three Hills, Alberta area.

Kneehill Solar, by Application 30958-A001, registered on July 21, 2026, applied to the Alberta Utilities Commission for approval to make amendments to the energy storage facility and update the equipment of the battery energy storage system.

Pursuant to sections 13.01(1) and 19 of the *Hydro and Electric Energy Act*, the Commission approved the application in Decision 30958-D01-2026,[2] and granted an approval to Kneehill Solar to construct and operate the energy storage facility, subject to the provisions of the *Hydro and Electric Energy Act* and the *Alberta Utilities Commission Act*, any regulations made under the acts, any orders made under the acts, the Commission rules made pursuant to the *Alberta Utilities Commission Act*, and the following terms and conditions:

1. The energy storage facility shall be located in the southwest quarter of Section 13, Township 32, Range 24, west of the Fourth Meridian, as further described Application 29206-A001.

2. The energy storage facility shall consist of five lithium iron phosphate HyperBlock energy storage containers, three inverters, three transformers and other associated equipment with a total discharging capability of 10 MW and storage capacity of 20 megawatt-hours (MWh), and as further described in the application and Application 29206-A001.

3. The approval is subject to the following conditions which have been described in Decision 29206-D01-2024:[3]

    a. Kneehill Solar GP Inc. and any subsequent operator shall implement any ongoing upgrades to improve the safety of the project, including but not limited to firmware and software enhancements, monitoring capability enhancement, process changes and safety standards as they are developed.

[1] Energy Storage Facility Approval 30539-D02-2026, Proceeding 30539, Application 30539-A001, January 28, 2026.
[2] Decision 30958-D01-2026: Kneehill Solar GP Inc. – Kneehill Battery Energy Storage Facility Letter of Enquiry, Proceeding 30958, Application 30958-A001, October 9, 2026.
[3] Decision 29206-D01-2024: Kneehill Solar GP Inc. – Kneehill Battery Energy Storage System Project, Proceeding 29206, Application 29206-A001, December 12, 2024.

b. Kneehill Solar GP Inc. and any subsequent operator will continually update the site-specific emergency response plan and incorporate input received from local fire departments, Kneehill County and other interested stakeholders. The updated plans are to be provided to Kneehill County and local fire departments.

c. Kneehill Solar GP Inc. and any subsequent operator shall at all times during the construction and operation of the project, maintain insurance coverage that is sufficient to protect against any reasonably foreseeable liabilities.

d. Kneehill Solar GP Inc. shall submit a reclamation security plan with the Commission for review and approval. The reclamation security plan shall include a report prepared by a third-party estimating the costs of reclaiming the project and the estimated salvage value of project components that uses no more than 50 per cent of the estimated salvage value in the overall reclamation cost estimate. The updated reclamation security plan shall also include a proposal for the form and timing of security, justifying why these attributes were selected, with specific regard to how the secured party will be able to realize on the reclamation security should the project owner and operator be in default. The report shall be filed at least 60 days prior to the start of construction. The Commission will determine at that time whether further process is necessary to consider the reclamation security plan.

4. Unless otherwise authorized by the Commission, construction of the energy storage facility shall be completed by January 15, 2028.

5. Kneehill Solar GP Inc. shall notify the Commission within 30 days of completing the energy storage facility.

6. Kneehill Solar GP Inc. shall obtain Commission approval prior to making any substantive changes to the energy storage facility or substantially varying the design or specifications of the energy storage facility from what was stated in the application or what the Commission has approved.

7. This approval is not transferable unless approved by the Commission.

Approval 30539-D02-2026 is rescinded.

The Commission may cancel or suspend this approval, in whole or in part, in accordance with Section 41 of the *Hydro and Electric Energy Act*, or may review this approval, in whole or in part upon its own motion, or upon an application by an interested party, in accordance with Section 10 of the *Alberta Utilities Commission Act*.

The Commission may, no later than 60 days from the date of this approval and without notice, correct typographical, spelling and calculation errors and other similar types of errors and post the corrected approval on its website.

Alberta Utilities Commission

Rita Chan
Director – Power Plants, Facilities Division
On behalf of the Alberta Utilities Commission