

HUTCHISON BATTERY ENERGY STORAGE FACILITY

What is this Project?

As you may already know, Enfinite is proposing the construction and operation of the Hutchison Battery Energy Storage Facility, a 100-megawatt (MW) battery energy storage project (the Project) located in Cypress County. The Project includes a battery energy storage facility (BESF), a new collector substation (1170S), and a transmission line (1132L) that will connect the BESF to the Alberta Interconnected Electric System (AIES).

How will it work?

The Hutchison Battery Energy Storage Facility will store electricity during periods of lower demand and discharge energy back to the AIES during times of higher demand or system needs. This helps improve reliability and supports the overall stability of Alberta's electricity system.

Project Update

Through ongoing discussions with landowners and land users in the area, Enfinite is evaluating a new potential route option for the transmission line on the west side of the road (Range Road 43). This additional route is being considered alongside previously identified options as part of the continued project planning and stakeholder feedback.

Proposed transmission line routes are identified based on a range of considerations, including technical requirements, environmental factors, existing infrastructure, land use, and cost. Feedback from landowners and stakeholders is an important part of this process and helps inform refinements to the routes under evaluation.

The transmission lines being proposed will be approximately 5 kilometers in length, and rendering of proposed pole types can be found on the FAQ page included.

Project components

- A 100 MW Energy Storage Facility containing approximately 50 battery containers and associated works yard.
- Approximately 5-kilometre (km) of single circuit 240-kilovolt (kV) transmission line, transmission structures, permanent easement, temporary workspace, and laydown areas.
- A 240 kV collector substation containing:
  - One 240/34.5 kV power transformer with a minimum rating of 111.2 megavolt-amperes
  - One 240 kV motor-operated disconnect switch
  - One 240 kV breaker
  - One 240 kV CT/VT combo for metering

Who is the Alberta Electric System Operator (AESO)?

The AESO is an independent, not-for-profit organization responsible for the safe, reliable and economic planning and operation of the provincial transmission grid. For more information about why this project is needed, please refer to the AESO's Need Overview included with this package, or visit www.aeso.ca. If you have any questions or concerns about the need for this project or the proposed transmission development to meet the need you may contact the AESO directly. You can make your questions or concerns known to a transmission facility owner representative who will collect your personal information for the purpose of addressing your questions and/or concerns to the AESO. This process may include disclosure of your personal information to the AESO.

Stakeholder.relations@aeso.ca 1-888-866-2959 www.aeso.ca

Engagement

Engagement with landowners, residents, and other stakeholders is ongoing. Feedback gathered during this time will help inform project design and routing decisions prior to regulatory review.

What is the Project timeline?

*Schedule subject to change

Project design (2025-2026)

Engagement (2025 – 2026)

BESF application to be filed to the AUC (September 2026)

Transmission line facility application to be filed to the AUC: (November 2026)

Regulatory review (Q4 2026 – Q1 2027)

Anticipated Project approval, pending AUC decision: (Q2 2027)

Construction (Q3 2027)

In-service date (Q4 2029)



Questions or comments about the Project?

Contact us!

HutchisonBESF@enfinite.com
1-888-868-5301
www.enfinite.com/projects/Hutchison

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