

6911 Southpoint Drive (B03)  
Burnaby, BC  
V3N 4X8

November 24, 2025

[REDACTED]

via email: [REDACTED]

**RE: CEAP IR #68 – [REDACTED] – Interconnection Feasibility Study**

Dear [REDACTED]

An Interconnection Feasibility Study for the proposed Interconnection Request (IR), [REDACTED], submitted under Attachment M-2: Transmission Service and Interconnection Service Procedures for Competitive Electricity Acquisition Process (CEAP) of the Open Access Transmission Tariff (OATT) has been completed, and your IR has been deemed not feasible resulting from limitations at the proposed Point of Interconnection (POI). BC Hydro is not permitted to provide an alternate POI during the CEAP if the POI specified by the Interconnection Customer is determined to be infeasible, per OATT Attachment M-2, Section 4.7 Interconnection Feasibility Studies, Clause (d).

### **Point of Interconnection Feasibility**

Based on the Interconnection Feasibility Study completed, the requested POI at George M. Shrum substation's (GMS) 230 kV switchyard is not feasible. Because it is not feasible, we cannot complete a power flow and short circuit analysis and therefore cannot provide a list of facilities and a non-binding good faith estimate of cost responsibility and a non-binding good faith estimated time to construct.

The GMS substation, which includes 500 kV, 230 kV, and 138 kV switchyards, has already been developed to its ultimate configuration. Within the 230 kV switchyard, where the POI has been requested, there is currently one active line terminal (2L308) connected to BC Hydro Dokie Terminal (DKT) substation. The only remaining position has already been designated for the future interconnection of line 2L311 for another Interconnection Customer. As a result, there are no additional line positions available on the GMS 230 kV bus.

Accommodating a new position would require significant modifications to the existing 230 kV bus, including expansion beyond the current station fence and a new transmission line approach from the south. However, the GMS substation cannot be expanded within its existing footprint due to space limitations, and any expansion beyond the fence faces severe topographical constraints. The site is surrounded by steep mountainous terrain, and the southern boundary presents particularly challenging conditions for transmission line access. The steep slope on the southern side effectively precludes any future expansion of the 230 kV switchyard, rendering the requested interconnection unviable under current conditions. If a new customer requires a 230 kV connection near GMS, the POI must be specified somewhere else such as a nearby substation or circuit.

Please note BC Hydro published [Transmission System Information for 2025 call for power in May 2025](#). Its Appendix A. Preliminary New Line Position Assessment at Existing BC Hydro Substations did not identify GMS 230 kV, which means "a new line position cannot be accommodated in a straightforward manner". This Interconnection Feasibility Study confirms that the requested POI at GMS 230 kV is not feasible.

If you have any questions, please contact the BC Hydro CEAP Team at [ceap2025@bchydro.com](mailto:ceap2025@bchydro.com).

Sincerely,



Manager, Customer Interconnections

BC Hydro