GENERATOR INTERCONNECTION
MATERIAL MODIFICATION ASSESSMENT

for integration of the proposed

222 MW [redacted]

(GI PROJECT # 798)

to the

IDAHO POWER COMPANY ELECTRICAL SYSTEM

in

TWIN FALLS COUNTY, IDAHO

for

[redacted]

Report v1.0

November 5th, 2026

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1.0 Introduction

[redacted] (Interconnection Customer) has requested a Material Modification Assessment (MMA) for the proposed 222 MW [redacted] (the Project) located in the Idaho Power's Southern Region in Twin Falls County, Idaho. The Project is proposing to interconnect at Idaho Power Company's (IPC) Milner 138kV Station and has been assigned an Idaho Power Generation Interconnection (GI) queue number 798 (GI #798).

The MMA request consists of a proposed change to the Project configuration. The current configuration has a single generation tie line connected to a straight bus with [redacted] generation step-up transformers (GSU) integrating the [redacted] engine halls. The proposed configuration has [redacted] GSU terminated generation tie lines, [redacted].

This report describes the results of the MMA that was conducted to evaluate the potential impacts of the proposed modification in accordance with IPC's Tariff.

2.0 Assessment Results

2.1 Power Flow Results (Thermal and Voltage Analysis)

Power flow analysis indicates that there are no junior queued projects impacted by any of the proposed changes.

2.2 Reactive Power Requirements

Power flow analysis indicates that the Project has sufficient reactive power capability to provide a 0.95 leading/lagging power factor at the Point of Interconnection (POI) at a maximum output of 222 MW based on the provided data.

2.3 Transient Stability Results

Transient stability data provided by the customer was reviewed and deemed usable. A transient stability analysis was performed, and the results were deemed acceptable.

2.4 Post-Transient Voltage Stability (Reactive Margin) Results

Because there are no changes to the Project's maximum real power output at the POI, and reactive power requirements are not changes at the POI, the proposed changes will have no impact on the voltage stability analysis results performed in the Cluster Study.

2.5 Short Circuit Results

The proposed changes do not necessitate any changes to the current or proposed fault interrupting devices. This proposed change may be incorporated into the Cluster 2 study should the Project elect to move forward with the proposed change.

3.0 Conclusion

An MMA was conducted, which determined that the requested modification does not have a material impact on the cost or timing of any Interconnection Requests with an equal or later Queue Position.

Revision History

Date	Revision	Initials	Summary of Changes
2026-11-05	1.0	LMG	Initial report