

**GENERATOR INTERCONNECTION
MATERIAL MODIFICATION ASSESSMENT**

for integration of the proposed

210 MW [REDACTED]

(GI PROJECT #97/270/620)

to the

IDAHO POWER COMPANY ELECTRICAL SYSTEM

in

ELMORE COUNTY, IDAHO

for

[REDACTED]

Report v1.0

August 13, 2026

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1.0 INTRODUCTION

On July 14th, 2026, [REDACTED] requested a material modification assessment from Idaho Power Company (Transmission Provider), which consisted of updating the temperature versus output curve for [REDACTED] (the Project).

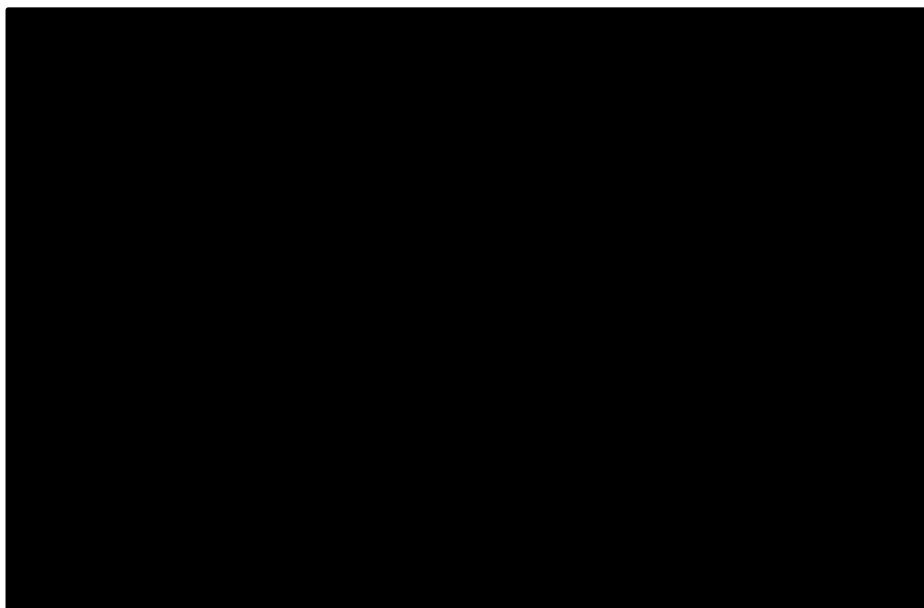
The Project is Generation Interconnection queue number 97/270/620 (GI #97/270/620) located in Elmore County, ID. The specific Point of Interconnection (POI) is at Idaho Power's Bennett Mountain 230kV bus.

This report describes the results of an assessment that was conducted to evaluate the potential impacts of the proposed modification in accordance with the Idaho Power Open Access Transmission Tariff (OATT) and Large Generator Interconnection Agreement (LGIA) for the Project.

2.0 DESCRIPTION OF PROPOSED TECHNOLOGICAL CHANGE

The proposed technological changes to [REDACTED] include:

- Update the temperature versus output curve.



3.0 ASSESSMENT RESULTS

3.1 Power Flow Results (Thermal and Voltage Analysis)

Because there are no changes to the Project's maximum real power output at the POI, the modifications will have no impact on the power flow results found in previous studies.

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3.2 Reactive Power Requirements

Because there are no changes to the Project's reactive capability at the POI, the modifications will have no impact on the reactive power results found in previous studies.

3.3 Transient Stability Results

Because there are no changes to the Project's maximum real and reactive power output at the POI, the modifications will have no impact on the transient stability results found in previous studies.

3.4 Post-Transient Voltage Stability (Reactive Margin) Results

Because there are no changes to the Project's maximum real power output at the POI, and the reactive power requirements are not changed at the POI, the proposed technological change will have no impact on the voltage stability analysis found in previous studies.

3.5 Short Circuit Results

The proposed technological change does not necessitate any changes to the required protection system.

3.6 Other Operating Requirements

The Project will be required to control voltage in accordance with a voltage schedule as provided by Idaho Power Load Serving Operations.

The Project will be required to reduce output to levels directed by IPC Load Serving Operations during transmission system contingencies and other reliability events.

4.0 CONCLUSIONS

An assessment was conducted which determined that the modification request is not considered a material modification. The proposed changes do not result in any new reliability concerns, nor do they require new facilities. The proposed changes may be incorporated into the Project's LGIA as an amendment.

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