

**GENERATOR INTERCONNECTION
MATERIAL MODIFICATION ASSESSMENT**

for integration of the proposed

**80 MW [REDACTED] PROJECT
(IDAHO POWER QUEUE #638)**

to the

IDAHO POWER COMPANY ELECTRICAL SYSTEM

in

CANYON COUNTY, IDAHO

for

[REDACTED]

REPORT v1

March 10, 2025

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1.0 INTRODUCTION

██████ has requested a material modification evaluation to Idaho Power Company (Transmission Provider) which consisted of updating the number of inverters and total MWh of the battery energy storage system (BESS) from the ██████ project (the Project).

The Project location (██████) is in Idaho Power Company's (IPC) Canyon Region in Canyon County, Idaho. The Project is Generation Interconnect (GI) queue number 638 (GI #638). The specific Point of Interconnection (POI) is the 138kV Happy Valley substation.

This report describes the results of an assessment that was conducted to evaluate the potential impacts of the proposed modification in accordance with the executed Large Generator Interconnection Agreement (LGIA) for GI #638.

2.0 ASSESSMENT RESULTS

The material modification evaluation request consists of changing the BESS modules from ██████ to ██████. This modification request increases the Project's capacity from 80 MW and 320 MWh to 82 MW and 328 MWh. The Project will be set up such that it remains limited to the 80 MW POI limit.

The modification of the BESS with the artificial MW limit does not change the total POI injection of 80 MW and the inverters have enough reactive power capability to meet the 0.95 power factor requirements of the Project. Thus, the modification of the BESS element from the Project does not constitute a Material Modification as there are no impacts to other junior-queued generation interconnection requests.

3.0 CONCLUSIONS

An assessment was conducted, which determined that the Project's modification request does not constitute a Material Modification. The proposed changes do not result in any new reliability concerns, nor do they require new facilities beyond what was already described in the February 3, 2023, Facilities Study Report (FSR). The proposed changes may be incorporated in the Project's LGIA as an amendment.

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