

**GENERATOR INTERCONNECTION  
MATERIAL MODIFICATION ASSESSMENT**

for integration of the proposed

**125 MW [REDACTED] PROJECT  
(IDAHO POWER QUEUE #588)**

to the

**IDAHO POWER COMPANY ELECTRICAL SYSTEM**

in

**ADA COUNTY, IDAHO**

for

**[REDACTED]  
REPORT v1**

**December 3, 2024**

*OFFICIAL USE ONLY*

*This report contains Idaho Power Company Critical Energy Infrastructure Information (CEII). Distribution of this report must be limited to parties that have entered into a non-disclosure agreement with Idaho Power Company and have a need to know.*

**Table of Contents**

1.0 Introduction..... 1

2.0 Assessment Results..... 1

3.0 Conclusions..... 1

## **1.0 INTRODUCTION**

██████ has requested a material modification evaluation to Idaho Power Company (Transmission Provider) which consisted of removing 75MW of battery energy storage system (BESS) from the ██████ (the Project), as well as a proposal to change the Photovoltaic (PV) inverters.

The Project location (██████) is in Idaho Power Company's (IPC) Capital Region in ADA county, Idaho. The Project is Generation Interconnect (GI) queue number 588 (GI #588). The specific Point of Interconnection (POI) is the PVSr 230kV station on the Danskin – Hubbard 230kV line.

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 #588.

## **2.0 ASSESSMENT RESULTS**

The material modification evaluation request consists of the removal of 75 MW BESS from the Project. The removal of the BESS includes the removal of the required collector system and transformers required to incorporate the BESS to the Project as well as an update to the inverters used for the PV portion of the project. This modification request does not increase the total deliverable capacity of the Project to the POI of 125 MW total injection capacity.

The removal of the BESS does not change the total POI injection of 125 MW and the remaining updated PV inverters have enough Mvar ( $\pm 88$  Mvar) to meet the .95 power factor requirements of the project. Thus, the removal 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 May 20, 2022, Facilities Study Report (FSR). The proposed changes may be incorporated in the Project's LGIA as an amendment.

### *OFFICIAL USE ONLY*

*This report contains Idaho Power Company Critical Energy Infrastructure Information (CEII). Distribution of this report must be limited to parties that have entered into a non-disclosure agreement with Idaho Power Company and have a need to know.*