Battery Energy Storage System (BESS)
BASE LOAD POWER HUB

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Interconnection Diagram
E01

for Base Load Power Hub (BLPH) Project

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2.0	2023-03-13	C. Palenzuela	Added earthing cables to interconnection diagram
3.0	2023-04-12	C. Palenzuela	Updated according to KBR comments
4.0	2024-12-13	C. Palenzuela	Updated labeling of Container 1 and 2 in interconnection diagram to as build

Table 1: Version overview

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Table 2: Approval overview

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Original document

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1 Introduction

1.1 About this Document

This document is part of the documentation for the Base Load Power Hub (BLPH) Project (K559-2254). In case of any contradiction resulting by the information or specification given in this document, phase 2 or later documents supersede the information provided in this document.

1.2 Display Elements

Symbol	Meaning
➜	Action with one or several steps for which the sequence is irrelevant.
Step 1 : **Step 2 :**	Action with several steps for which the sequence is relevant.
•	First level of list.
-	Second level of list.

Table 1: Display Elements

1.3 Other Applicable Documents

The following documents are applicable:

Document type	Document Name
Interconnection Diagram	23A2007_241213_FREQCON_Interconnection_Diagram_v4.0.pdf

Table 2: Other applicable documents

1.4 Generic Terms and Abbreviations Used

This following list should help you understand some of the abbreviations used in this document.

Generic Term and Abbreviation	Description
BESS	Battery Energy Storage System
BLPH	Base Load Power Hub
PCS	Power Conversion System

Table 3: Generic terms and abbreviations used

2 General

The interconnection of the proposed BESS and PCS system is depicted in the interconnection diagram, attached to this document (*see section 1.3 "Other Applicable Documents"*).

3 Appendix

1. FREQCON Interconnection Diagram:
   23A2007_241213_FREQCON_Interconnection_Diagram_v4.0