STATRON
NON STOP POWER

Battery Energy Storage System (BESS)
BASE LOAD POWER HUB

Statron ref. 331497

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General Arrangements
B01

for Base Load Power Hub (BLPH) Project

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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 project phase “Detailed Design Engineering” 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
General arrangement drawing – Compete system	508261 BESS 1 MW 5.5 MWh 6.6 kV Complete System
General arrangement drawing – PCS	53396 PCS Container
General arrangement drawing – BESS 1	53406 BESS Container 1
General arrangement drawing – BESS 2	53412 BESS Container 2
General arrangement drawing – Battery Cabinets 1	53432 Battery Cabinets 1
General arrangement drawing – Battery Cabinets 2	53408 Battery Cabinets 2

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

Drawings of the PCS and BESS general arrangements are attached to this document (*see section 1.3 "Other Applicable Documents"*).

Component	Manufacturer	FRQ part no.	File Name
PCS	FREQCON	53396	53396 PCS Container.pdf
BESS 1		53406	53406 BESS Container 1 Foundation Load.pdf
BESS 2		53412	53412 BESS Container 2 Foundation Load.pdf
Battery Cabinets 1		53432	53432 Battery Cabinets 1
Battery Cabinets 2		53408	53408 Battery Cabinets 2
Complete System		508261	508261 BESS 1 MW 5.5 MWh 6.6 kV Complete System

Table 4: Other applicable documents