Battery Energy Storage System (BESS)
BASE LOAD POWER HUB

Statron ref. 331497

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# Cable Schedule
# E13

## for Base Load Power Hub (BLPH) Project

## Classification: confidential

| | |
|---|---|
| **Document no.** | E13 |
| **Document name** | Cable Schedule |
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| 1.0 | 2023-03-28 | C. Palenzuela | First version |
| 2.0 | 2024-11-14 | M. Müller | First revised version |
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**Table 1: Version overview**

| | Date | Name |
|---|---|---|
| Editor | 2023-03-28 | C. Palenzuela |
| Checked by | 2023-03-31 | A. Fritz |
| Approved by | 2023-03-31 | C. Palenzuela |

**Table 2: Approval overview**

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# Identification

## Product Version / Document Version

**Product version**
Prototype

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K559-2254-CWIWP4202201-E13-001

## Name and Address of Manufacturer

**Manufacturer of the product**
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## Original document

This document is an original document of FREQCON GmbH.

# 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 :**<br>**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 |
|---|---|
| BESS and PCS circuit diagram | 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_20241105_V1.2 |
| Extract of BESS and PCS circuit diagram (Cable schedule PCS) | 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule PCS |
| Extract of BESS and PCS circuit diagram (Cable schedule Battery 1) | 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule Battery 1 |
| Extract of BESS and PCS circuit diagram (Cable schedule Battery 2) | 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule Battery 2 |

## 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 |
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**Table 2: Generic terms and abbreviations used**

## 2 General

The cable schedules of the PCS and BESS containers are part of the circuit diagram of the complete system attached to this document (*see section 1.3 "Other Applicable Documents"*). The relevant pages are extracted into separate files as shown in the following table.

| Container | Document Name |
|---|---|
| PCS | 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule PCS |
| Battery 1 | 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule Battery 1 |
| Battery 2 | 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule Battery 2 |

# 3 Appendix

1. 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_20241105_V1.2
2. 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule PCS
3. 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule Battery 1
4. 10354_23A2007_CAE_Statron_Shell Crosswind BESS FQ 1MW 5MWh Offshore_Cable Schedule Battery 2