Base Load Power Hub (BLPH)

Commissioning Spares and 2 years Operational Spares List

Document Number: 1723001595-EL-LIS-00030

Document Class: 2

02	14/03/2025	Accepted for Construction (AFC)	Y.D.LEE	Y.W.LEE	S.J.CHO
01	06/11/2024	Issue for Review (IFR)	Y.D.LEE	Y.W.LEE	S.J.CHO
00	07/02/2024	Issue for Review (IFR)	Y.D.LEE	Y.W.LEE	S.J.CHO
Rev.	Date	Description	Prepared	Reviewed	Approved

HYOSUNG HEAVY INDUSTRIES

This document undergoes an issuance cycle within EDMS "Fusionlive".
File: 1723001595-EL-LIS-00030_Commissioning spares and 2 years operational spares list_R2_AFC_250314.xlsx
Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

Table of Contents

SH.	DESCRIPTION	REVISIONS							
		00	01	02					
1	Cover	X	X	X					
2	Table of Contents	X	X	X					
3	Revision / Change Log	X	X	X					
4	Spare part list - GIS	X	X	X					
5	Spare part list - LPIT	X	X	X					

This document undergoes an issuance cycle within EDMS "Fusionlive".
File: 1723001595-EL-LIS-00030_Commissioning spares and 2 years operational spares list_R2_AFC_250314.xlsx Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

Revision / Change Log

Rev.	Description
00	ISSUE FOR REVIEW (IFR)
01	ISSUE FOR REVIEW (IFR)
02	ACCEPTED FOR CONSTRUCTION (AFC)

HOLDS LIST

No.	Description
1.	
2.	
3.	
4.	

This document undergoes an issuance cycle within EDMS "Fusionlive".
Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

SPARE PARTS LIST - GIS

cument Title	**Commissioning and 2 years spare parts list**
cument relates to	**HOLLANDSE KUST NOORD WIND PARK Project - Base Load Power Hub (BLPH)**
Contract	**CW-I-WP4-2023-05**
Project ID	**123A90**
Doc. n°	**1723001595-EL-LIS-00030**
	Accepted for Construction
Rev. / Date	02 / 14/03/2025
	AFC
Class	**2**

The equipment consists of thefollowing units/components

1	Tag no.	HNA6-AFA70	CP-1001
2	Tag description	GIS	Local Control Panel
3	Manufacturer model/type no.	HSGE-0748	-
4	Manufacturer serial no.	10248704_0002	10248704_0003
5	No. of units	1	1

Supplier:	Hyosung Heavy Industries Corporation	PO Number:	1721002632
Address:	119, Mapo-daero, Mapo-gu, Seoul, Republic of Korea 04144		
General Information:			

PO description:	123A90-SDA-00004 66KV SWITCHGEARS (GIS)	Contact name:	Hyosung Heavy Industries Corporation
Supplier telephone no:	+82-2-707-6747	Contact mobile no:	
E-mail:	jessmpark@hyosung.com	WEBSITE	www.hyosungheavyindustries.com

						MATERIALS DATA																Commissioning spares		2 Years spares		Remarks
				Item Number	Total number of identical spares installed	Description of recommended spare parts	Parts/drawing ref.			Material	Certicate Type (if applicable)	Certicate Reference (if applicable)	Shelf life (years)	Weight (net)	Weight (gross)	Volume	HS Code	ECCN Code	% US Content	Country of origin	Supplier part no.	Manufacturer part no.	Manufacturername	Quantity ordered		Quantity ordered		
							Project Datasheet no.	Project Detail dwg. no.	Item ref.																	
				7		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26		27		28
6	Quantity of parts FITTED / INSTALLED per unit/component	1	-	1	1	Closing coil for Circuit Breaker	1723001595-EL-SP-00005	1723001595-EL-DG-00015	DYD0200402H0006	COIL										KOREA		DYD0200402H0006	HYOSUNG	1	EA	1	EA	
		2	-	2	2	Open coil for Circuit Breaker	1723001595-EL-SP-00005	1723001595-EL-DG-00015	DYD0203300H0001	COIL										KOREA		DYD0203300H0001	HYOSUNG	2	EA	2	EA	
		1		3	1	Motor for Circuit Breaker	1723001595-EL-SP-00005	1723001595-EL-DG-00015	DYD0210534H0001	MOTOR										KOREA		DYD0210534H0001	DMK	1	EA	1	EA	
		2	-	4	2	Motor for Disconnecting Switch and Earthing Switch	1723001595-EL-SP-00005	1723001595-EL-DG-00015	DYD0210002P0001	MOTOR										KOREA		DYD0210002P0001	DMK	1	EA	1	EA	
		1 LOT	-	5	1 LOT	Set of O-ring (gasket)	N/A	N/A	DYC0601003P0001 DYC0601009P0006 DYC0601009P0046 DYC0601009P0107 DYC060100AP0004 DYC060100AP0008 DYC060100AP0010 DYC060100AP0011 DYC060100AP0026 DYC060100AP0027 DYC060100AP0031 DYC060100AP0068 DYC060100AP0102 DYC060100AP0108 DYC060100AP0113 DYC060100AP0118	EPDM										KOREA		DYC0601003P0001 DYC0601009P0006 DYC0601009P0046 DYC0601009P0107 DYC060100AP0004 DYC060100AP0008 DYC060100AP0010 DYC060100AP0011 DYC060100AP0026 DYC060100AP0027 DYC060100AP0031 DYC060100AP0068 DYC060100AP0102 DYC060100AP0108 DYC060100AP0113 DYC060100AP0118	HYOSUNG	1	SET	1	SET	
		2	-	6	2	Set of Relays	1723001595-EL-SP-00005	1723001595-EL-DG-00015	DYA0330745H0001	RELAY										KOREA		DYA0330745H0001	HYOSUNG	1	SET	1	SET	Relays in operating mechanism box
		1 SET	-	7	1 SET	Moisture absorbent	N/A	N/A	10093758	ZEOLITE										KOREA		10093758	JiShim Tech	1	SET	1	SET	
		15kg	-	8	15kg	Dry air for spare	1723001595-EL-SP-00022	1723001595-EL-SP-00022	10343029	Mix gas										ITALY		10033518	AIRLIQUIDE	1	BT	1	BT	with bottle (50L/1 BT)
		1 LOT	-	9	1 1	Fiber Optic Cable with LC connectors	1723001595-EL-SP-00005	1723001595-EL-DG-00015	10336176 (15.5 M) 10336177 (12 M)	Cable										KOREA		10336176 (15.5 M) 10336177 (12 M)	LS			1 1	EA EA	