Base Load Power Hub (BLPH)

COMMISSIONING SPARES AND 2 YEARS OPERATIONAL SPARES LIST

Document Number: 1723001697-EL-LIS-00017

Document Class: 2

03	09/09/2025	Accepted for construction (AFC)	Landi	Festa	Festa
02	06/11/2024	Accepted for construction (AFC)	Landi	Festa	Festa
01	14/10/2024	Issue for Review (IFR)	Landi	Festa	Festa
00	14/06/2024	Issue for Review (IFR)	Landi	Festa	Festa
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

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

HOLDS LIST

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ROSETTI MARINO

SPARE PARTS LIST

CROSSWIND

Document Title	**Commissioning and 2 years spare parts list**
The document relates to	**HOLLANDSE KUST NOORD WIND PARK Project - Base Load Power Hub (BLPH)**
Contract	**CW-I-WP4-2023-05**
Project ID	**123A90**
Doc. n°	**1723001697-EL-LIS-00017**
Rev.	**3**
Rev. Date	**09-Sep-25**
Status	**AFC**
Class	**2**

The equipment consists of the following units/components

1	Tag no.	TR100-AD1	TR200-DE1	TR200-ED1		
2	Tag description	66/6.6kV Power Transformer	6.6/0.42kV Power Transformer	6.6/0.8kV Power Transformer		
3	Manufacturer model/type no.					
4	Manufacturer serial no.	1810232/1	1810232/2	1810232/3		
5	No. of units	1	1	1		
6	Quantity of parts FITTED / INSTALLED per unit/component					

Supplier: MF TRASFORMATORI SRL

Address: LOC. S. ANNA 22-24
CALCINATO - BRESCIA
ITALY

PO Number: 1723001697

PO description: MANUAL GLOBE AND PISTON CHECK VALVES

Supplier telephone no: +39 0309636020

E-mail: claudio.toniolo@mftrasformatori.it

Contact name: Mr. Claudio Toniolo

Contact mobile no:

WEBSITE http://www.mftrasformatori.it

General Information:

	Item Number	Total number of identical spares installed	Description of recommended spare parts	Parts/drawing ref.			Material	Certificate Type (if applicable)	Certificate 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.	Manufacturer name	Commissioning spares	2 Years spares	Remarks
				Project Datasheet no.	Project Detail dwg. no.	Item ref.															Quantity ordered	Quantity ordered	
	7		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3	1	1	66kV H.V. Terminals	1723001697-EL-TDS-00005	1723001697-EL-DA-00006	1	Epoxy resin											R900AR-8-L/J*CS620		NEXANS	0	1	RECCOMENDED
4	2	1	6,9kV H.V. Terminals	1723001697-EL-TDS-00005	1723001697-EL-DA-00006	2	Porcellaine											UNEL12kV/630A		EMC	0	1	RECCOMENDED
3	3	1	6,6kV H.V. Terminals	1723001697-EL-TDS-00005	1723001697-EL-DA-00007	1	Porcellaine											UNEL12kV/250A		EMC	0	1	RECCOMENDED
3	4	1	6,6kV H.V. Terminals	1723001697-EL-TDS-00005	1723001697-EL-DA-00008	13	Porcellaine											UNEL12kV/250A		EMC	0	1	RECCOMENDED
5	5	1	420V L.V. Terminals	1723001697-EL-TDS-00005	1723001697-EL-DA-00007	2	Porcellaine											DIN1kV/3150A		EMC	0	1	RECCOMENDED
4	6	1	800V L.V. Terminals	1723001697-EL-TDS-00005	1723001697-EL-DA-00007	2	Porcellaine											DIN1kV/630A		EMC	0	1	RECCOMENDED
1	7	1	Dehydrating breather (Silicagel)	1723001697-EL-TDS-00005	1723001697-EL-DA-00006	6	/											ESDB 14C		COMEM	0	1	RECCOMENDED
1	8	1	Dehydrating breather (Silicagel)	1723001697-EL-TDS-00005	1723001697-EL-DA-00007	11	/											EM1DB		COMEM	0	1	SUPPLIED
1	9	1	Dehydrating breather (Silicagel)	1723001697-EL-TDS-00005	1723001697-EL-DA-00008	11	/											EM1DB		COMEM	0	1	SUPPLIED
1	10	1	Buchholz relay	1723001697-EL-TDS-00005	1723001697-EL-DA-00006	12	/											BR50 - L		COMEM	0	1	RECCOMENDED
	11		Paint	1723001697-EL-TDS-00005	1723001697-EL-DA-00006		Epoxy paint											RAL7031		MF	0	20	RECCOMENDED
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