# Base Load Power Hub (BLPH)

## Commissioning and 2 years spare parts list
## SDV-BDV AND TIGHT SHUT-OFF VALVES

Document Number: 1724000204-COM-LIS-00015

Document Class: 2

| | | | | | |
|---|---|---|---|---|---|
| 03 | 23/09/2025 | Accepted for construction (AFC) | A.Ceresoli | A.Testi | M.Carrara |
| 02 | 04/09/2025 | Accepted for construction (AFC) | A.Ceresoli | A.Testi | M.Carrara |
| 01 | 18/04/2025 | Accepted for construction (AFC) | I.Rizzo | A.Alborghetti | M.Carrara |
| 00 | 14/03/2025 | Issue for Review (IFR) | I.Rizzo | A.Alborghetti | M.Carrara |
| Rev. | Date | Description | Prepared | Reviewed | Approved |
| | | | | | |

Revision / Change Log

| Rev. | Description |
|---|---|
| 00 | Issue for Review (IFR) |
| 01 | Accepted for Construction (AFC) |
| 02 | Accepted for Construction (AFC) |
| 03 | Accepted for Construction (AFC) |
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HOLDS LIST

| No. | Description |
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ROSETTI MARINO

# SPARE PARTS LIST

CROSSWIND

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|---|---|---|---|---|---|
| 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° 1724000204-COM-LIS-00015 | Rev.: Accepted for Construction | Rev. Date: 23-Sep-25 | Status: AFC / Class: 2 |

The equipment consists of the following units/components

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | Tag no. | | | | | |
| 2 | Tag description | FLOATING B.V. DN 1" CL 300 | FLOATING B.V. DN 4" CL 300 | FLOATING B.V. DN 1"1/2 CL 300 | FLOATING B.V. DN 1"1/2 CL 150 | FLOATING B.V. DN 1" CL 150 |
| 3 | Manufacturer model/type no. | FB2 | FB2 | FB2 | FB2 | FB2 |
| 4 | Manufacturer serial no. | 24006202001001<br>24006202080001<br>24006202100001<br>24006202110001<br>24006202120001<br>24006202130001<br>24006202140001<br>24006202150001<br>24006202160001<br>24006202170001<br>24006202180001<br>24006202190001<br>24006202200001<br>24006202210001<br>24006202220001<br>24006202230001 | 24006202020001<br>24006202030001<br>24006202040001<br>24006202050001<br>24006202060001<br>24006202070001 | 24006202009001 | 24006202440001<br>24006202680001 | 24006202500001<br>24006202700001<br>24006202880001 |
| 5 | No. of units | 16 | 6 | 1 | 2 | 3 |
| 6 | Quantity of parts FITTED / INSTALLED per unit/component | 1 | 1 | 1 | 1 | 1 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Supplier: | FLUITEK VALVES S.r.l. | PO Number: | 1721002632 | PO description: | SDV/BDV AND TIGHT SHUT-OFF XV VALVES | Contact name: Mrs Ivana Rizzo |
| Address: | VIA DEI LIVELLI DI SOPRA 5/7<br>24060 COSTA DI MEZZATE BG<br>ITALY | | | Supplier telephone no: | +39 035 66 65 085 | Contact mobile no: |
| | | | | E-mail: | i.rizzo@fluitekvalves.com | WEBSITE: www.fluitekvalves.com |

General Information:

| 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. | Manufacturer name | Commissioning spares: Quantity ordered | 2 Years spares: Quantity ordered | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 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 |
| 1 | 16 | KIT FOR FLOATING DN 1" CL 300 COMPOSED BY:<br>SEAT IN RPTFE (PART 02)<br>FLANGE O-RING IN VITON GLT AED (PART 72.1)<br>STEM O-RING IN VITON GLT AED (PART 72.4)<br>STEM GASKET IN GRAPHITE (PART 75.4)<br>FLANGE GASKET IN GRAPHITE (PART 75.6) | N.A. | D240062-01<br>D240062-08 | 10<br>80<br>100<br>110<br>120<br>130<br>140<br>150<br>160<br>170<br>180<br>190<br>200<br>210<br>220<br>230 | RPTFE<br>VITON GLT AED<br>VITON GLT AED<br>GRAPHITE<br>GRAPHITE | N.A. | N.A. | 2 | N.A. | N.A. | N.A. | | N.A. | N.A. | ITALY | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | FLUITEK VALVES S.r.l. | N.A. | 2 | |
| 2 | 6 | KIT FOR FLOATING DN 4" CL 300 COMPOSED BY:<br>SEAT IN RPTFE (PART 02)<br>FLANGE O-RING IN VITON GLT AED (PART 72.1)<br>STEM O-RING IN VITON GLT AED (PART 72.4)<br>STEM GASKET IN GRAPHITE (PART 75.4)<br>FLANGE GASKET IN GRAPHITE (PART 75.6) | N.A. | D240062-02-03-04-05-06-07 | 20<br>30<br>40<br>50<br>60<br>70 | RPTFE<br>VITON GLT AED<br>VITON GLT AED<br>GRAPHITE<br>GRAPHITE | N.A. | N.A. | 2 | N.A. | N.A. | N.A. | | N.A. | N.A. | ITALY | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | FLUITEK VALVES S.r.l. | N.A. | 1 | |
| 3 | 1 | KIT FOR FLOATING DN 1"1/2 CL 300 COMPOSED BY:<br>SEAT IN RPTFE (PART 02)<br>FLANGE O-RING IN VITON GLT AED (PART 72.1)<br>STEM O-RING IN VITON GLT AED (PART 72.4)<br>STEM GASKET IN GRAPHITE (PART 75.4)<br>FLANGE GASKET IN GRAPHITE (PART 75.6) | N.A. | D240062-09 | 90 | RPTFE<br>VITON GLT AED<br>VITON GLT AED<br>GRAPHITE<br>GRAPHITE | N.A. | N.A. | 2 | N.A. | N.A. | N.A. | | N.A. | N.A. | ITALY | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | FLUITEK VALVES S.r.l. | N.A. | 1 | |
| 4 | 2 | KIT FOR FLOATING DN 1"1/2 CL 150 COMPOSED BY:<br>SEAT IN RPTFE (PART 02)<br>FLANGE O-RING IN VITON GLT AED (PART 72.1)<br>STEM O-RING IN VITON GLT AED (PART 72.4)<br>STEM GASKET IN GRAPHITE (PART 75.4)<br>FLANGE GASKET IN GRAPHITE (PART 75.6) | N.A. | D240062-24-26 | 240<br>260 | RPTFE<br>VITON GLT AED<br>VITON GLT AED<br>GRAPHITE<br>GRAPHITE | N.A. | N.A. | 2 | N.A. | N.A. | N.A. | | N.A. | N.A. | ITALY | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | FLUITEK VALVES S.r.l. | N.A. | 1 | |
| 5 | 3 | KIT FOR FLOATING DN 1" CL 150 COMPOSED BY:<br>SEAT IN RPTFE (PART 02)<br>FLANGE O-RING IN VITON GLT AED (PART 72.1)<br>STEM O-RING IN VITON GLT AED (PART 72.4)<br>STEM GASKET IN GRAPHITE (PART 75.4)<br>FLANGE GASKET IN GRAPHITE (PART 75.6) | N.A. | D240062-08<br>D240062-25-27 | 250<br>270<br>280 | RPTFE<br>VITON GLT AED<br>VITON GLT AED<br>GRAPHITE<br>GRAPHITE | N.A. | N.A. | 2 | N.A. | N.A. | N.A. | | N.A. | N.A. | ITALY | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | PART.02<br>PART.72.1<br>PART 72.4<br>PART 75.4<br>PART 75.6 | FLUITEK VALVES S.r.l. | N.A. | 1 | |

ROSETTI MARINO

# SPARE PARTS LIST

CROSSWIND

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|---|---|
| Document Title | **Commissioning and 2 years spare parts list** |
| The document relates to | **HOLLANDSE KUST NOORD WIND PARK Project - Base Load Power Hub (BLPH)** |
| Project ID | **123A90** |

| Contract | Doc. n° | Rev. | Rev. Date | Status | Class |
|---|---|---|---|---|---|
| **CW-I-WP4-2023-05** | **1724000204-COM-LIS-00015** | **Accepted for Construction** | **23-Sep-25** | **AFC** | **2** |

The equipment consists of the following units/components

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Tag no. | 25-BDV-022 | 25-BDV-005 | 25-BDV-007 | 25-BDV-010 | 25-BDV-013 | 25-BDV-016 | 25-BDV-019 | 25-SDV-001 | 25-SDV-023 | 64-SDV-001 | 25-XV-004 | 25-XV-006 | 25-XV-008 | 25-XV-009 | 25-XV-011 | 25-XV-012 | 25-XV-014 | 25-XV-015 | 25-XV-017 | 25-XV-018 | 25-XV-020 | 25-XV-021 | 25-XV-024 | 150-XV-001 | 50-XV-002 | 50-XV-003 | 50-XV-004 | 80-XV-001 |
| 2 | Tag description | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Manufacturer model/type no. | CF/S-035-080A/AA | CF/S-055-200A/BA | CF/S-055-200A/BA | CF/S-055-200A/BA | CF/S-055-200A/BA | CF/S-055-200A/BA | CF/S-055-200A/BA | CF/S-035-080A/AA | CF/S-035-100A/BA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-100A/BA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA | CF/S-035-080A/AA |
| 4 | Manufacturer serial no. | AF7703001 | AF7703002 | AF7703003 | AF7703004 | AF7703005 | AF7703006 | AF7703007 | AF7703008 | AF7703009 | AF7703010 | AF7703011 | AF7703012 | AF7703013 | AF7703014 | AF7703015 | AF7703016 | AF7703017 | AF7703018 | AF7703019 | AF7703020 | AF7703021 | AF7703022 | AF7703023 | AF7703024 | AF7703025 | AF7703026 | AF7703027 | AF7703028 |
| 5 | No. of units | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | Quantity of parts FITTED / INSTALLED per unit/component | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | |
| | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | 1 | | | |
| | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |

Supplier: FLUITEK VALVES S.r.l.
Address: VIA DEI LIVELLI DI SOPRA 5/7, 24060 COSTA DI MEZZATE BG, ITALY

PO Number: 1721002632

PO description: SDV/BDV AND TIGHT SHUT-OFF XV VALVES
Supplier telephone no: +39 035 66 65 085
E-mail: i.rizzo@fluitekvalves.com

Contact name: Mrs Ivana Rizzo
Contact mobile no:
WEBSITE www.fluitekvalves.com

General Information:

| Item Number | Total number of identical spares installed | MATERIALS DATA: Description of recommended spare parts | Parts/drawing ref.: Project Datasheet no. | Project Detail dwg. no. | Item 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: Quantity ordered | 2 Years spares: Quantity ordered | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 1 | 28 | LIMIT SWITCH BOX, 2 ELECTRIC CONNECTION | | AF7703PDA01 / AF7703PDC01 | 12B0 | AISI 316 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | SQN120E-20X23L7 | 00K085QN120E20X23L7 | SOLDO | | | |
| 2 | 28 | SOLENOID VALVE, DIRECT ACTING, 3/2 UNIVERSAL TYPE, SPRING RETURN | | AF7703PDA01 / AF7703PDC01 | 1V10 | AISI316L | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | FP06P-S1-04-32-NU-V-77A-24D-S7 | 00D135BE0052 | BIFOLD | 3 | | |
| 3 | 28 | PRESSURE RELIEF VALVE, FREE EXHAUST | | AF7703PDA01 / AF7703PDC01 | 1V91 | AISI 316 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | D10 | 00F16D10SSVNPXX047 | N.G.I. | | | |
| 4 | 28 | FILTER REGULATOR, SELF RELIEVING, FILTER WITH MANUAL DRAIN | | AF7703PDA01 / AF7703PDC01 | 1Z16 | AISI 316L | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | SH06-FR-SR-MD-10-X1 | 00G09BEA0007 | BIFOLD | 3 | | |
| 5 | 28 | PRESSURE GAUGE, GAUGE TYPE | | AF7703PDA01 / AF7703PDC01 | 1Z31 | AISI316 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 233.50 | 00F32P6318010ALP | WIKA | 3 | | |
| 6 | 19 | ACTUATOR SEAL KIT | | GD01800-1 | N.A. | BUNA | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | WCP8035080 | WCP8035080 | RFS | 2 | | |
| 7 | 3 | ACTUATOR SEAL KIT | | GD01800-1 | N.A. | BUNA | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | WCP8035100 | WCP8035100 | RFS | 1 | | |
| 8 | 6 | ACTUATOR SEAL KIT | | GD01800-1 | N.A. | BUNA | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | WCP8055200 | WCP8055200 | RFS | 1 | | |
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