NOTES

1. 2.5 MW PEM ELECTROLYSER, CONFIGURATION WILL BE VENDOR SPECIFIC.
2. ELECTROLYSER AUXILIARIES ARE INCLUDED IN THE PACKAGE I.E. AC-DC RECTIFIERS, ELECTRO DEIONISATION, COOLING, IA, H2 DE-OXYGENATION AND DRYER.
3. POWER SUPPLIED BY WTG (CW57 AND FLOATING SOLAR ARRAY).
4. HYDROGEN DRIERS, DE-OXYGENATION, WATER TREATMENT ARE VENDOR SPECIFIC. HYDROGEN DRIERS UTILIZE TEMPERATURE SWING ADSORPTION.
5. STREAM INFO IS PRESENTED IN H&MB (123A90-DDL-PR-BL-80002).
6. DELETED.

A-20000
ELECTROLYSER
PACKAGE

TO HYDROGEN VENT
KO DRUM V-43001

NNF

123A90-DDL-PR-UFD-80008

FROM WATER TREATMENT
PACKAGE (A-50000)

01

123A90-DDL-PR-UFD-80006

INSTRUMENT AIR
FROM IA PACKAGE (A-63000)

123A90-DDL-PR-UFD-80007

NITROGEN PURGE
FROM N2 GENERATOR
PACKAGE (A-64000)

123A90-DDL-PR-UFD-80007

A-20000
SEE VENDOR DRAWING
doc. n. C63-PFD-001_05

NOTE 1, 2, 3 & 4

FROM HYDROGEN
STORAGE INLET PT

123A90-DDL-PR-DG-80004

02

DRY H2 TO HYDROGEN
STORAGE VESSELS
V-25001A/B/C/D/E/F

123A90-DDL-PR-DG-80004

TO WASTE WATER TANK T-55001

123A90-DDL-PR-UFD-80006

04

TO BRINE DISCHARGE
CAISSON B-50014

123A90-DDL-PR-UFD-80006

HOLDS

1. "DELETED"

LEGEND

- MAJOR PROCESS LINE
- MINOR PROCESS LINE
- INSTRUMENT SIGNAL
- VENDOR PACKAGE

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	18/09/25	SPS	CIM	CGI	AS-BUILT (ASB)
03	10/04/25	SSE	CIM	CGI	ACCEPTED FOR CONSTRUCTION (AFC)
02	22/08/24	SSE	CIM	DLO	ACCEPTED FOR CONSTRUCTION (AFC)
01	23/11/23	SSE	CIM	DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	18/09/23	SSE	CIM	DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
PROCESS FLOW SCHEME
ELECTROLYSER AND HYDROGEN DRYING PACKAGE

CONTRACT NO./TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK		SCALE
DRAWN SPS	CHECKED CIM	APPROVED CGI	DATE 18/09/25

A1	DRAWING NO.	SHEET	REV.
	123A90-DDL-PR-DG-80003	001	04