



SITE ENTRANCE

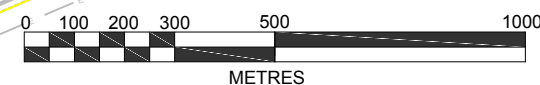
132KV CABLE UNDERGROUND
O&M BUILDING
HV SUBSTATION

DRAINAGE CHANNEL

PROPOSED IRRIGATION
CHANNEL CROSSINGS

DRAINAGE CHANNEL

MVPS N°	RATING OF PANELS	N° PANELS PER ROW	N° OF ROWS	N° OF MODULES	DC POWER (W)
MVPS1	325	90	153	13,770	4,475,250
MVPS2	325	90	102	9,180	2,983,500
MVPS3	330	90	42	3,780	1,247,400
MVPS4	330	90	144	12,960	4,276,800
MVPS5	330	90	144	12,960	4,276,800
MVPS6	325	90	153	13,770	4,475,250
MVPS7	330	90	144	12,960	4,276,800
MVPS8	330	90	144	12,960	4,276,800
MVPS9	330	90	144	12,960	4,276,800
MVPS10	330	90	144	12,960	4,276,800
MVPS11	330	90	144	12,960	4,276,800
MVPS12	330	90	144	12,960	4,276,800
MVPS13	330	90	144	12,960	4,276,800
MVPS14	330	90	144	12,960	4,276,800
MVPS15	330	90	144	12,960	4,276,800
MVPS16	330	90	144	12,960	4,276,800
MVPS17	330	90	144	12,960	4,276,800
MVPS18	325	90	152	13,680	4,446,000
MVPS19	325	90	144	12,960	4,212,000
MVPS20	330	90	144	12,960	4,276,800
MVPS21	330	90	144	12,960	4,276,800
MVPS22	330	90	144	12,960	4,276,800
MVPS23	330	90	144	12,960	4,276,800
MVPS24	330	90	144	12,960	4,276,800
MVPS25	325	90	144	12,960	4,212,000
MVPS26	345	87	132	11,484	3,961,980
MVPS27	345	87	132	11,484	3,961,980
MVPS28	345	87	132	11,484	3,961,980
MVPS29	345	87	132	11,484	3,961,980
MVPS30	345	87	132	11,484	3,961,980
MVPS31	345	87	132	11,484	3,961,980
MVPS32	345	87	132	11,484	3,961,980
MVPS33	345	87	132	11,484	3,961,980
MVPS34	345	87	132	11,484	3,961,980
MVPS35	345	87	132	11,484	3,961,980
MVPS36	345	87	132	11,484	3,961,980
MVPS37	345	87	132	11,484	3,961,980
MVPS38	330	90	144	12,960	4,276,800
MVPS39	325	90	144	12,960	4,212,000
MVPS40	325	90	144	12,960	4,212,000
MVPS41	325	90	144	12,960	4,212,000
MVPS42	325	90	144	12,960	4,212,000
MVPS43	325	90	144	12,960	4,212,000
MVPS44	325	90	144	12,960	4,212,000
MVPS45	330	90	144	12,960	4,276,800
TOTAL			6362	567,828	188,679,960



Main Information	
Nb of Inverter Stations	45*4=180MVA
Nb of strings	19 086
Nb of trackers	6,362
Nb of panels	565,488
Nb of panels/Strings	30 for 325/330Wp modules 29 for 345Wp modules
Nb of Strings/Tracker	3
DC Power of PV plant	188,679,960
Modules nameplate (Wp)	325/330Wp for 33 BLOCKS 345Wp for 12 BLOCKS
AC Power of PV plant (at 25°C)	180 MVA
Area of PV plant	513 Ha
Perimeter of PV plant	16,300 m
Type of Inverter	SC2000
Pitch	6.00m for Eastern & Southern Portion; 6.10m for Northern & Western Portion
Azimuth	0° for Eastern & Southern Portion; 8.6°m for Northern & Western Portion

- LEGEND :**
- FENCE
 - INVERTER BLOCK BOUNDARY
 - ROAD TYPE 1 (3M)
 - ROAD TYPE 1 (7M)
 - ROAD TYPE 2 (3M) : TEMPORARY
 - VEGETATION EXCLUSION
 - BUFFER FOR VEGETATION SCREENING
 - MVPS BLOCK 325/330Wp
 - MVPS BLOCK 345Wp
- NOTE : ASSET PROTECTION ZONE (APZ) OF MINIMUM 10M AROUND SOLAR ARRAY

N° Modifications	Made by	Date	Check by	Date
E ADD 28 ROWS (325Wp MODULES) + ADJUSTMENT ROAD + NEW TOPO	FDI	11/01/18	CDB	11/01/18
D ADDITIONAL BLOCK, MVPS, ROAD, LEGEND & TABLE	CDB	10/01/18		
C 330 & 345 WP MODULES + ADD ONE INVERTER	CDB	6/12/17		
B ROAD RE-ADJUSTED, AZIMUTH ADDED	CDB	05/10/17		
A Preliminary design	CDB	24/07/17		

Customer :

N° of Project :

**NEOEN SOLAR FARMS
COLEAMBALLY SOLAR FARM 150MVA**

EPC Contractor :

Title document :

GENERAL LAYOUT

Drawn By :	Checked By :	Approved By :	Date	Scale	Format	Sheet
WLG	CDB		10/01/18	1:15,000	A3	1/1

Project Title	Area Code	Issuer	Doc type	Pack code	Seq N°	Rev
NEON	COBY	GDW	LA	1000	0	E