



MAIN INFORMATION	
INVERTERS	SMA MVPS 4200 S2
NB INVERTERS	111
TRACKERS TYPE	Nextracker Nx Horizon
MODULES (Wp)	85% 580Wp / 15% 575Wp
MODULES/ROW	1V56 / 1V84 / 1V112
NB ROWS	7,517
NB PV MODULES	759,360
TOTAL DC CAPACITY	439,859,280 Wp
PERIMETER	16,030 m
AREA INSIDE FENCES	956 ha
GPS MAX. CAPACITY AT POC	350 MW AC
PITCH	7.0 m

LEGEND:

	Tracker 112 panels +/- 60°		Available PV areas
	Tracker 84 panels +/- 60°		11kV electrical lines and associated easement
	Tracker 56 panels +/- 60°		Waterpipeline
	Tracker 112 panels +/- 50°		330kV OHL and associated easement
	Tracker 84 panels +/- 50°		APA gas pipeline
	Tracker 56 panels +/- 50°		Existing drainage and buffer
	PCS		Neighbour or biodiversity screening
	Road - 4m width		AC BESS Area (3ha)
	Road - 7m width		40,000L water tanks (x10)
	Fences		Weather station (x7)
	Gates (x8)		

No.	Date	Modifications	Made by	Check by	Approved by
O	04/03/2024	UPDATED TRACKER & PCS LAYOUT	RRO	LDA	MDO
N	26/02/2024	UPDATED TRACKER LOCATION	RRO	LDA	-
M	05/02/2024	UPDATED TRACKER AND PCS LAYOUT	RRO	LDA	-
L	19/01/2024	PRELIMINARY DESIGN AFTER NTP	RRO	LDA	-

Project : **CULCAIRN SOLAR FARM**

Client : **NEOEN**

EPC Contractor : **BOUYGUES CONSTRUCTION AUSTRALIA**
BOUYGUES CONSTRUCTION AUSTRALIA PTY LTD
BOUYGUES ENERGIES & SERVICES AUSTRALIA PTY LTD

Consultant :

Document Title : **GENERAL LAYOUT PRELIMINARY DESIGN**
NOT FOR CONSTRUCTION

Drawing No: **NEO-CUSF-1000-PV-DWG** Design Phase: **CONCEPT - 30%**

Scale	N.T.S.
Format	A0
Sheet	1
Sheets	1
Rev:	O