



PCC

This capped document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright.

ADVERTISED PLAN

GENERAL NOTES:

- EQUIPMENT LAYOUT AND SITE BOUNDARY BASED ON THE PROVIDED INFORMATION AND SATELLITE IMAGE NOT ACTUAL SURVEY DATA
- FOR PRELIMINARY DESIGN ONLY. ACTUAL DETAIL TO BE FINALISED DURING DETAILED DESIGN
- TRACKER DIMENSION IS ESTIMATED ONLY
- DIMENSION SHOWN FOR MVPS, SWITCHGEAR, AND BESS ARE INDICATIVE. THIS IS SUBJECT TO FINAL SELECTION OF THE TECHNOLOGIES AND THEIR INSTALLATION REQUIREMENT
- SPATIAL DATA IS IN GDA2020

PROJECT SPECIFICATIONS

AC CAPACITY AT POINT OF CONNECTION	TBC	MW ac
INSTALLED AC CAPACITY	4.60	MW ac
DC CAPACITY AT STC	6.13	MW dc
DC:AC RATIO	1.31	
TRACKER CONFIGURATION	1P	
3-STRING TRACKER DIMENSIONS (78 MODULE)	100 x 2.31	m
2-STRING TRACKER DIMENSIONS (52 MODULE)	68 x 2.31	m
1-STRING TRACKER DIMENSIONS (26 MODULE)	40 x 2.31	m
TRACKER PITCH	5	m
TRACKER AZIMUTH	0	°
INVERTER CAPACITY	4.60	MVA
MODULE TYPE	Mono PERC Bi-Facial	
MODULE POWER	530	W
MODULES PER STRING	28	
MODULES PER TRACKER	28/ 56 / 84	
TOTAL INVERTERS	1	
TOTAL TRACKERS (84 MODULE)	112	
TOTAL TRACKERS (56 MODULE)	8	
TOTAL TRACKER (28 MODULE)	61	
TOTAL MODULES	11,564	
SITE AREA	9.0	Ha
SITE PERIMETER	1,378	m

LEGEND:

	GATE
	ACCESS ROAD
	MVPS AREA
	INVERTER
	POINT OF CONNECTION
	PROPOSED FENCE
	OH POWERLINE
	OH POWERLINE EASEMENT
	CADASTRAL BOUNDARY
	3-STRING TRACKERS
	2-STRING TRACKERS
	1-STRING TRACKERS

J	ADJUST CONNECTION POINT	PC	19/07/21
I	ADDING CH OVERLAY	PC	13/07/21
H	UPDATE PER PLANNING REQ	PC	11/06/21
REV:	DESCRIPTION:	BY:	DATE:

STATUS: CONCEPT DESIGN

NOT FOR CONSTRUCTION

CLIENT: TETRIS ENERGY

DESIGNER: PCC & ASSOCIATES

SITE: MANGALORE SOLAR FARM
MANGALORE VIC 3663

TITLE: OVERALL SITE LAYOUT

SCALE AT A1: 1:1250m	DATE: 19/07/21	DRAWN: PC	AUTHORISED: PC
PROJECT NO: P20-0011	DRAWING NO: P20-0011-01	REVISION: J	