



EUGOWRA STAGE 1 PV ARRAY SUMMARY

- PV Module [REDACTED]
- Module Dimensions [REDACTED]
- Installation Method - Jurchen Technology E/W 8° Peg System
- Inverter : Sungrow SG3400-HV
- Total no. of arrays: 2
- No. of sub-arrays: 12
- Total no. of strings: 144
- String length : 30 modules
- No. of Solar Panel Modules : 4320
- Total DC power produced: 2,180,000W(2.18MW)
- Orientation - E/W - Azimuth Rotated Approximately 9.7° West

1. Total Stage 1 installed DC Capacity to be 2.18MW DC - DC Design allows for the capacity of the solar farm to be increased by a further 2.18MW DC maximum.
- 2.

EUGOWRA STAGE 1 BATTERY SYSTEM

- BESS : 2 x Sungrow ST-2752UX

PROJECT NOTES

1. See HV earthing design for HV Equipment requirements. Solar farm tracker earthing to be reviewed in a holistic approach with the Earthing design to determine the safest electrical installation for the project.
2. It is the constructors responsibility to ensure that the installation as constructed complies with relevant Australian Standards including but not limited to AS/NZ 3000, AS/NZ 5033, AS/NZ 4777, AS/NZ3008, AS/NZ2067, AS1725, AS1940 AS3600
3. Constructor and/or earthworks contractor MUST carry out a "Before You Dig Australia" (BYDA) search prior to earthworks and to locate existing and any new assets.
4. DA approval must be finalised before construction.
5. All Cables to have destination labels on each termination.
6. Minimum spacing between solar panels and boundary security fence to be finalised after consultation between Client, Council, Firefighting requirements. SED have maintained 10m clearance as a basic requirement.

Please Note - Solar Farm design is not finalised and is in a preliminary stage - SED does not take liability for parts ordered early before final drawing release.

DRAWING AMENDMENTS

| Rev. | Date: | By: | Changes: |
|------|------------|-----|-------------------------|
| 0.1 | 19/12/2024 | APT | PRELIMINARY RELEASE 0.1 |

WORK AS EXECUTED

COMPANY: _____

WORK COMPLETED: _____

SIGNED: _____

DATE COMPLETED: _____

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Client: Cabonne Council
 99-101 Bank St
 Molong NSW 2866

Job Title: **EUGOWRA SOLAR FARM 2.18MW DC DESIGN**

Sheet Title: Site Overview

Site Address: Eugowra Sewerage Treatment Plant
 255 Casuarina Drive
 Eugowra NSW 2866

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|-----------------|----------|
| Scale | 1:1000 |
| Drawn | APT |
| Checked | MJD |
| Designed | MJD |
| Date Issued | 19/12/24 |
| Version | 0.1 |
| SED Project No. | 52466 |
| SHEET 1 OF 3 | |