

Notes

| | | | | |
|--|------------------------------|--|--------------------------|------|
| PV PLANT NAME | | Webinar Amperecloud | | |
| LOCATION | | Andalucía, Spain | | |
| UTM CONVERGENCE | | 0.5752 ° | | |
| AVERAGE ELEVATION (m) | | 204.79 | | |
| PEAK POWER (MW) | | 36.387 | | |
| APPARENT POWER AT INVERTERS (MVA) | | 30.03 | | |
| RATED POWER AT INVERTERS (MW) | | 30.03 | | |
| DC/AC RATIO AT INVERTERS | | 1.212 | | |
| POWER FACTOR AT INVERTERS | | 1.0000 | | |
| RATED POWER AT POI (MW) | | 29.353 | | |
| DC/AC RATIO AT POI | | 1.240 | | |
| DC SYSTEM VOLTAGE (V) | | 1500.0 | | |
| MV AC SYSTEM VOLTAGE (V) | | 20000.0 | | |
| SUITABLE AREA (ha) | | 54.15 | | |
| FENCED AREA (ha) | | 50.96 | | |
| PERIMETER FENCE (km) | | 5.96 | | |
| ROADS (km) | | 2.58 | | |
| PV MODULE MODEL | | Generic (default) General610 | | |
| PV MODULE RATING (W) | | 610.00 | | |
| PV MODULE QUANTITY | | 59650 | | |
| PV MODULES PER STRING | | 25 | | |
| STRUCTURE | STRINGS PER STRUCTURE | NUMBER OF STRUCTURES | STRINGS COUNT | TILT |
| Generic tracker | 2 | 1017 | 2034 | - |
| Generic tracker | 1 | 352 | 352 | - |
| LAYOUT ROTATION ANGLE | | 0.00 | | |
| GCR | | 0.40 | | |
| PITCH DISTANCE (m) | | 6.2 | | |
| CLEARANCE BETWEEN ROWS (m) | | 3.74 | | |
| INVERTER MODEL | | INVERTER RATING Pmax (kVA) | QUANTITY OF INVERTERS | |
| Generic (default) Generic 2310 | | 2310.0 | 13 | |
| POWER STATION TRANSFORMER RATING (kW) | | QUANTITY OF POWER STATION TRANSFORMERS | | |
| 4620.0 | | 6 | | |
| 2310.0 | | 1 | | |
| TOTAL POWER STATION TRANSFORMER RATING (kW) | | 4620.0 - 2310.0 | | |
| TOTAL QUANTITY OF POWER STATION TRANSFORMERS | | 7 | | |
| AREA | PEAK POWER PER AREA (MW) | RATED POWER AT INVERTERS (MW) | DC/AC RATIO AT INVERTERS | |
| AA-Polygon4 | 6.222 | 4.62 | 1.347 | |
| AA-Polygon3 | 18.849 | 16.17 | 1.166 | |
| AA-Polygon2, AA-Polygon1 | 11.316 | 9.24 | 1.225 | |
| TOTAL NUMBER OF AREAS | | 4 | | |
| TOTAL NUMBER OF GROUP OF AREAS | | 1 | | |
| ACTIVE POWER AT STORAGE INVERTERS (kVA) | | 5500.0 | | |
| POWER FACTOR AT INVERTERS | | 1.0000 | | |
| SUPPLY DURATION (h) | | 2.18 | | |
| TOTAL ENERGY CAPACITY (kWh) | | 12000.0 | | |
| INTERCONNECTION FACILITY | SUBSTATION ARRANGEMENT | CAPACITY (MVA) | QUANTITY OF TRANSFORMERS | |
| ST | LINE TO TRANSFORMER | 35.53 | 1 | |
| TOTAL NUMBER OF ST | | 1 | | |
| TOTAL NUMBER OF SBS | | 0 | | |
| INTERCONNECTION VOLTAGE (kV) | | 132.0 | | |
| TOTAL QUANTITY OF TRANSFORMERS | | 1 | | |
| OHL | INTERCONNECTION VOLTAGE (kV) | OHL LENGTH (km) | | |
| OHL-1 | 132.0 | 2.07 | | |
| TOTAL NUMBER OF OHL | | 1 | | |
| INTERCONNECTION VOLTAGE (kV) | | 132.0 | | |

| Legend | |
|--------|--|
| | Available area |
| | Interconnection facility area |
| | Overhead line |
| | Overhead line tower |
| | Power station |
| | Colors indicate solar field connection to each power station |
| | Mounting structure |
| | Roads |
| | Medium voltage trenches |
| | Low voltage trenches |
| | Fences |
| | Medium voltage lines |
| | String cables |
| | Cables from string box to inverter |
| | String boxes |
| | Battery area |
| | Power conversion system |
| | Battery Container |

| | | | |
|-----|---------------|----|------------|
| 00 | FIRST VERSION | RP | 2024-10-29 |
| REV | DESCRIPTION | BY | DATE |

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Prepared for:
Amperecloud

A PART OF ENVERUS

PROJECT:
Webinar Amperecloud

DRAWING:
PV Plant Layout

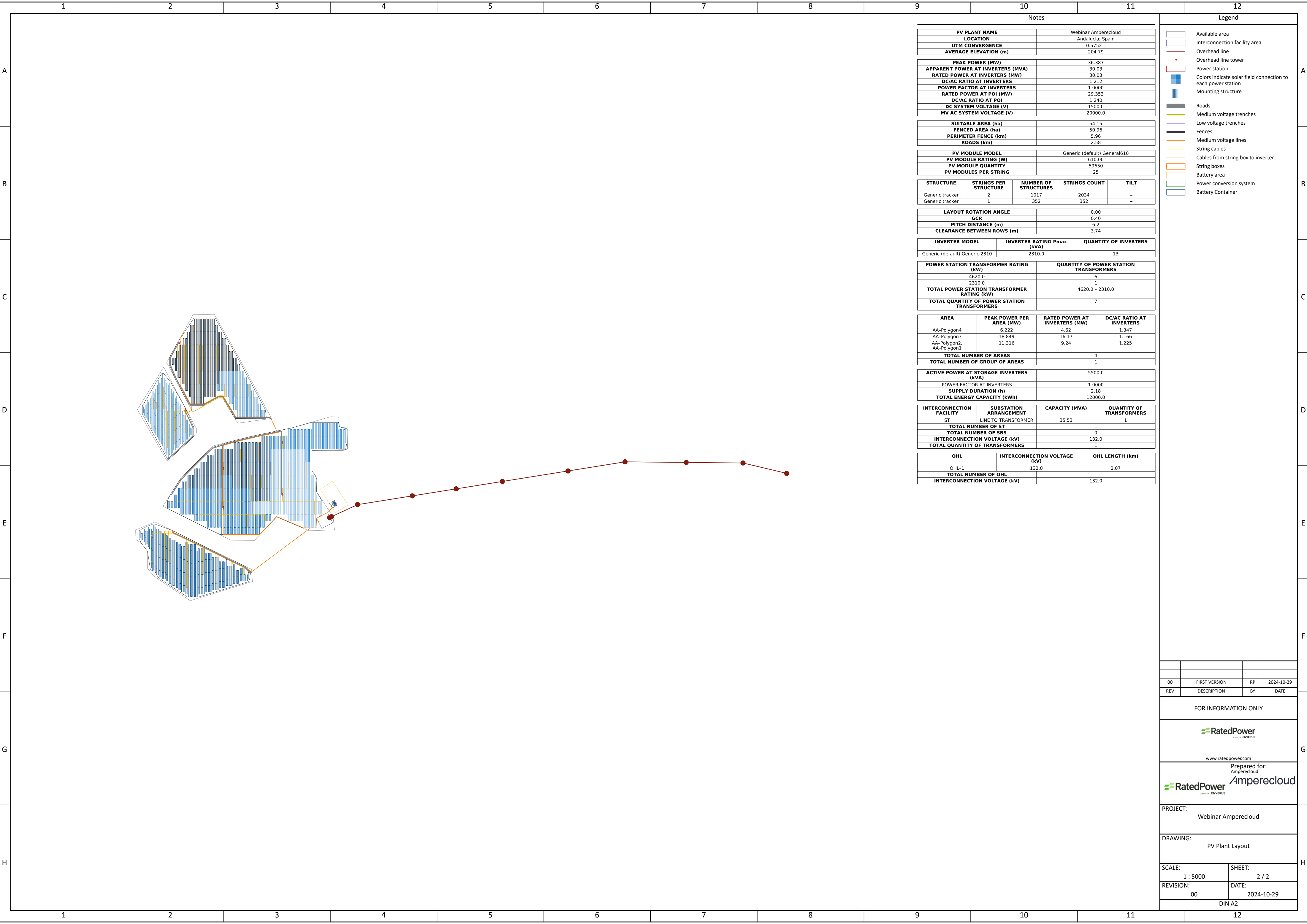
SCALE:
1 : 5000

SHEET:
1 / 2

REVISION:
00

DATE:
2024-10-29

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PROJECT: Webinar Amperecloud

DRAWING: PV Plant Layout

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REVISION: 00

SHEET: 2 / 2
DATE: 2024-10-29

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