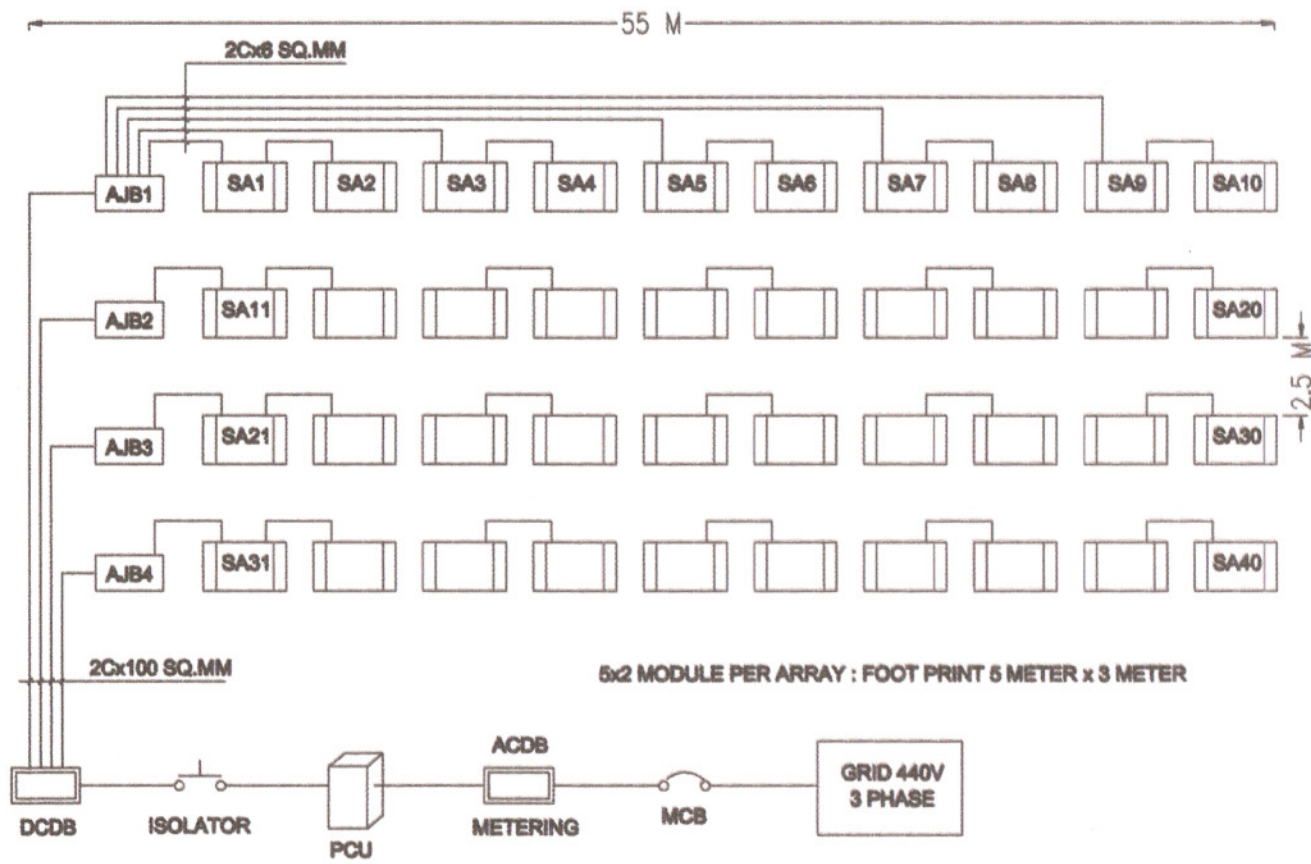


400 NOS. PV MODULES OF 230 Wp CONNECTED IN SERIES AND PARALLELS.
 POWER GENERATION CAPACITY : 92 kWp.
 SOLAR ARRAYS (SA-1 TO SA-40) WITH 10 NOS. PV MODULES



| S NO. | ABBREVIATIONS | |
|-------|---------------|-------------------------|
| 1 | SLD | SINGLE LINE DIAGRAM |
| 2 | SA | SOLAR ARRAY |
| 3 | AJB | ARRAY JUNCTION BOX |
| 4 | DCDB | DC DISTRIBUTION BOX |
| 5 | PCU | POWER CONDITIONING UNIT |
| 6 | ACDB | AC DISTRIBUTION BOARD |
| 7 | MCB | MAGNETIC CIRCUIT BOARD |
| 8 | 2C | TWO CORE CABLE |
| 9 | 3.5C | THREE & HALF CORE CABLE |
| 10 | PVM | PHOTO VOLTAG MODULE |

NOTE :
 1. THIS DRAWING IS THE PROPERTY OF IPGCL AND MAY NOT BE COPIED IN PART OR FULL

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SOLAR PV ARRAY LAYOUT FOR
 ROOF TOP ON PPCL COMPLEX

| DRAWN | CHKD. | APPR. | CBIP |
|-----------------------------------|--------------------|--------------------|--------|
| SANJAY (Profile) | <i>[Signature]</i> | <i>[Signature]</i> | 1 OF 1 |
| DATE | DATE | DATE | REV. 0 |
| 22.5.11 | 23.5.11 | 23/5/11 | |
| DRG. NO. : IPGCL/SPV/PPCL/SLD-001 | | | |