

Inverter Selection

The top three inverters selected are:

1. ABB Megawatt Inverter
2. BLUESUN Solar Inverter
3. Huawei PV String Inverter

The reason why these three have chosen is that these are the hybrid inverters with the capability to convert the voltage obtain directly from solar panel and also it can convert the voltages obtain from the battery. With this reason these have selected and their manufacturing companies are well known regarding their quality of product.

25 ABB inverters will use to supply the power. While the cost of 25 inverters is around \$1.6M

BLUESUN inverter required for the plant are 500 with the cost of \$9.75M.

Huawei inverter required for the plant are 1389 with the cost of \$33.33M.

ABB is the better inverter to use.