

Updates/ clarifications (2) with regard to the tender notification for 100kwp solar PV power plant

The configuration is modified as a purely grid interactive system. The associated amendments are given below.

S.No.	Item	Clarification regarding	Addendum / amendment
	Scope	Comprehensive warranty for two years from the date of successful commissioning	Operation and maintenance contract from the date of successful commissioning
	Annexure-II, no.2 C	240VDC input, 415V, 3-phase, 50Hz output Power Conditioning Unit (PCU) consisting of charge controller and bidirectional inverter	415V, 3-phase, 50Hz output Power Conditioning Unit (PCU) consisting of a MPPT controller and an inverter.
1	Annexure-II, no.2 D	Supply of 240V DC, maintenance free battery bank rated for two hour back up of 100kWp load	Due to change in configuration (to solely grid interactive without UPS mode), there is no requirement for battery. Refer the amendment in system configuration (Fig. 1 below). Hence this feature (annexure-II, no.2 D) is null and void.
2	Annexure-II, item 3, a	system configuration	Amended system configuration given in Fig. 1 below. Modified as suitable for purely grid interactive PV power plant.
3	Annexure-II, item 3, C	Power conditioning unit	The PCU shall consist of a MPPT controller and an inverter.
4	Annexure-II, item 3, C	In the absence of the grid, the solar power system should function as a UPS with nominal voltage and frequency output (same as the grid).	This sentence is null and void.
5	Annexure-II, item 3 D	Maintenance free battery bank	There is no battery in the grid connected PV power system. Hence this feature (annexure-II, no.3 D) is null and void.
6	Annexure-II; S.no.3, E	Power and control cables	Since there is no battery in the system, the connections between battery and charge controller, between battery and the inverter are non-existent.
7	Annexure-II; S.no.3, J	5 years guarantee for battery	This feature is void since there is no battery in the modified configuration

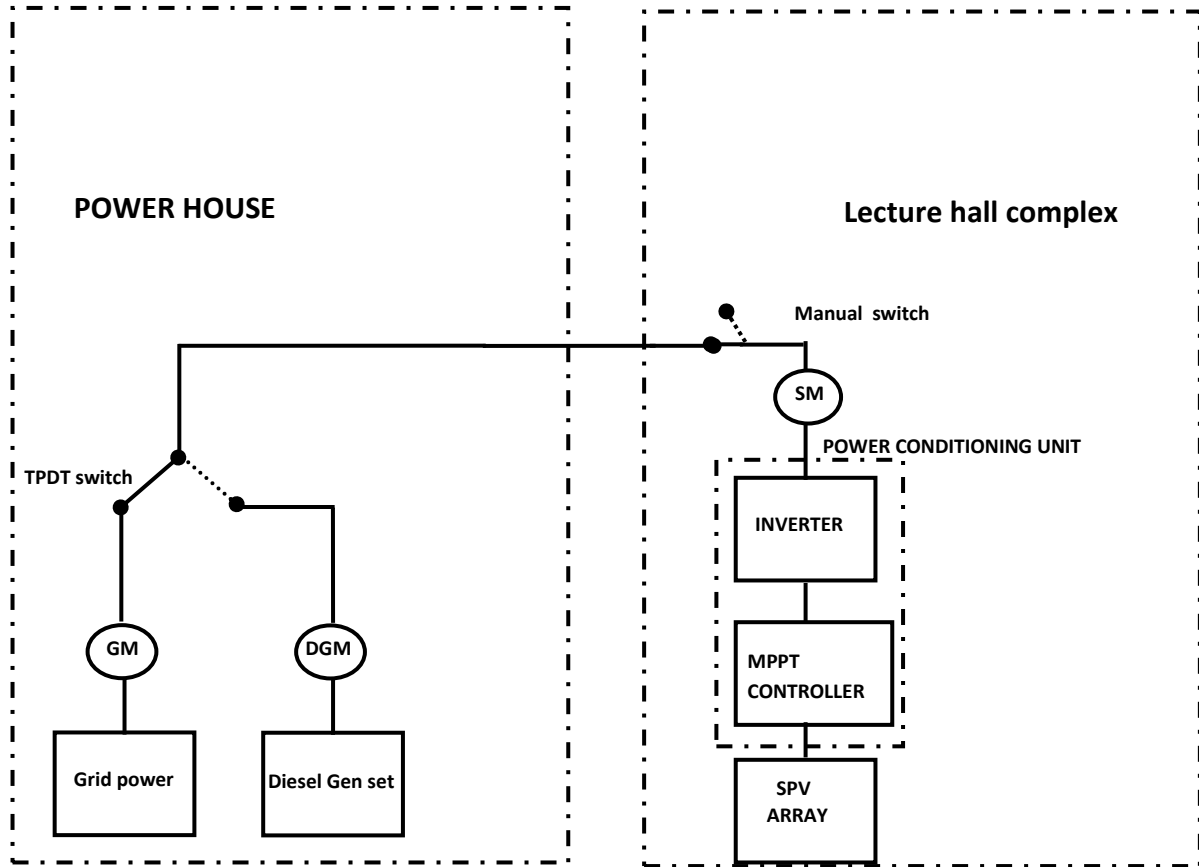


FIG. 1 SCHEMATIC DIAGRAM OF PURELY GRID-INTERACTIVE 100KW SOLAR POWER

Updated on 21.9.2012 @ 12:30 pm