BRIEF REPORT OF WEBINAR

Resource person:K. Somarajan (RTD.KSEB Assistant Engineer)

Platform: Google Meet

Date: 16-05-2022

Time: 07:30 PM

Webinar topic: SOLAR PV INSTALLATION

Photovoltaics are best known as a method for generating electric power by using solar cells to convert energy from the sun into a flow of electrons by the photovoltaic effect. Solar cells produce direct current electricity from sunlight which can be used to power equipment or to recharge a battery.

PV installation system consists of an arrangement of several components, including solar panels to absorb and convert sunlight into electricity, a solar inverter to convert the output from direct to alternating current, as well as mounting, cabling, and other electrical accessories to set up a working system.

There are three main types of solar PV and storage systems: grid-tied, grid/hybrid and off-grid. They all have their advantages and disadvantages and it really comes down to the customer's current energy supply and what they want to get out of the system.

Program arranged and report

Approved by:

Fini Fathima

Assistant professor

23-05-2022

Approved by:

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