

Green Energy Initiative in the campus of IIT Bhubaneswar

1. Planned to install GRID connected Solar PV system as a green initiative to meet the power demand of the Institute which is currently hovering around **4.5 MW** (Peak power demand) through Corporate Social Responsibility scheme. The phase wise plans as follows:

A]Phase I: Installation of 1 MWp rooftop solar PV system across selected building rooftops.

Present Status:

All the materials related to the SITC of 1 MWp capacity Rooftop Solar PV plant have been received at site. The Installation work is in progress.

The system is expected to be in operation from May'2026.

Some of the snapshots of the installation are shown below.



Solar PV panel installation in Progress.



Solar PV panel installation in Progress.

B]Phase II: Installation of an additional 1 MWp rooftop solar PV system over the remaining building rooftops.

- Installation has been planned in the FY 2026-27

C]Phase III: Installation of the remaining 2.5 MWp capacity as ground-mounted solar PV system.

- Installation has been planned in the FY 2027-28

2. Other plans:

- (a) **SITC of 50 kWp capacity Solar PV system over the parking shed of Administrative Building.**

Present Status:

- Installation has been completed.
- The solar PV system is in operation.

Snapshots are shown below.



Solar panel over Parking Shed



Solar Inverter

- (b) **SITC of 300 kWp capacity Rooftop Solar PV system in the new Buildings to be constructed under Phase-III infrastructure development.**

Present Status:

- Work has been awarded to the contractors.
- Expected Month of Completion: Oct'2027