

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 3485
ANSWERED ON 01.04.2025

**ENERGY FROM SOLAR MICROGRIDS AND BIOMASS POWER IN RURAL
AREAS OF ODISHA**

3485. SMT. SULATA DEO
SHRI NIRANJAN BISHI

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether Government is aware that remote or underserved regions with no access to grid electricity, can greatly benefit from decentralized renewable energy systems such as solar microgrids and biomass-based power;
- (b) if so, the steps Government has taken to promote the deployment of solar microgrids or biomass-based power plants to provide sustainable and affordable energy in Odisha; and
- (c) the studies conducted by Government on the sustainability of solar microgrids and biomass power plants in improving the energy access of rural populations in Odisha?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) to (c) Considering that decentralized renewable energy systems can provide energy access to rural and remote areas with no access to grid electricity, the Ministry of New and Renewable Energy is implementing following schemes including in the state of Odisha:

- (i) PM KUSUM Component-B for installation of standalone solar pumps for irrigation.
- (ii) New Solar Power Scheme (for Tribal and PVTG Habitations/Villages) for electrification of households (through standalone solar home lighting systems or solar microgrids) and solarisation of Multi Purpose Centres & Public Institutions in identified PVTG and Tribal Areas.
- (iii) National Bioenergy Programme covering biomass, waste to energy and biogas components including decentralised mode of operation.

There is no separate study conducted by Ministry on the solar microgrids and biomass power plants in Odisha.
