

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1884
ANSWERED ON 09.12.2021

GENERATION OF SOLAR ENERGY IN WEST BENGAL

1884. DR. SUKANTA MAJUMDAR

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

- (a) the details of solar plants set up in West Bengal for solar energy in the field of electricity generation, district-wise;
- (b) the details of schemes introduced/proposed to be introduced by the Government to promote the solar energy generation in West Bengal;
- (c) the number of sub stations with the capacity of 720 kilowatt set up/proposed to be set up in West Bengal during the last three years; and
- (d) the other new initiatives/steps being taken by the Government to promote establishment of solar plants in the country, State-wise?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

- (a) A total grid connected solar power capacity of 151 MW has been installed in West Bengal as on 31.10.2021. Out of this, 100 MW capacity is ground mounted. District-wise details of ground mounted capacity are given at **Annexure-I**. The remaining capacity of 51 MW has been installed as rooftop systems on various buildings.
- (b) The details of operational Schemes for promotion of solar energy in the country including West Bengal are given in **Annexure-II**.
- (c) In last three years (including current year), two nos. of 765 kV substations have been commissioned viz. Medinipur (765/400kV, 2x1500MVA) and Jeerat New (765/400kV, 2x1500MVA).
- (d) The Government has taken several steps to promote use of Renewable Energy, including solar energy, in the country. These include the following:
 - permitting Foreign Direct Investment (FDI) up to 100 percent under the automatic route,
 - waiver of Inter State Transmission System (ISTS) charges for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025,
 - laying new transmission lines and creating new sub-station capacity for evacuation of renewable power,
 - notification of standards for deployment of solar photovoltaic system/devices,
 - setting up of Project Development Cell for attracting and facilitating investments,
 - Standard Bidding Guidelines for tariff based competitive bidding for procurement of power from Grid Connected Solar PV and Wind Projects.
 - Government has issued orders that power shall be dispatched against Letter of Credit (LC) or advance payment to ensure timely payment by distribution licensees to RE generators.
 - Conducting skill development programmes to create a pool of skilled manpower for setting up, operation and maintenance of RE projects.

ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 1884 FOR 09.12.2021

DISTRICT WISE DETAILS OF GROUND MOUNTED SOLAR PROJECTS COMMISSIONED IN WEST BENGAL

(As on 30-10-2021)

S. No.	District	Village	Capacity (MW)
1	Uttar Dinajpur	Haptiagachh	10
2	Bankura	Mejia	10
3	Purulia	Chharrah	10
4	Paschim Midnapur	Salboni	10
5	Paschim Midnapur	Khemasuli (Patni),	10
6	Uttar Dinajpur	Canal Top Teesta Canal Bank,	10
7	Purulia	STPS, Santaldih	10
8	Birbhum	Dhaka Phase II	10
9	Paschim Bardhaman	Chalbalpur (Raniganj)	10
10	Birbhum	Dhaka Phase I	10
Total			100

ANNEXURE-II REFERRED TO IN REPLY TO PART (b) AND (d) OF LOK SABHA UNSTARRED QUESTION NO. 1884 FOR 09.12.2021

The following schemes are in operation for promotion of solar energy:

- i. Solar Park Scheme for setting up of 50 Solar Parks and Ultra Mega Solar Power Projects targeting over 40,000 MW capacity.
- ii. Scheme for setting up 12000 MW of Grid-Connected Solar PV Power Projects by the Government producers with Viability Gap Funding (VGF).
- iii. Installation of Grid Connected Solar Rooftop Power Plants.
- iv. Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM- KUSUM).