

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-6288
TO BE ANSWERED ON-05.04.2018
IMPLEMENTATION OF SCHEMES IN WEST BENGAL

6288. DR. ANUPAM HAZRA

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

(a) the target fixed and the achievements made under the various schemes being implemented in the new and renewable energy sector in West Bengal during 2016-17 and 2017-18?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

(a) The Ministry of New and Renewable Energy (MNRE) is implementing various schemes/programmes to promote development & deployment of renewable energy in the country. The details of major schemes/programmes being implemented by the Ministry are given in the Annexure I. However, no state wise targets are fixed by the Ministry.

As per information received from the Department of Power and Non-Conventional Energy Sources, Government of West Bengal, the achievements made under various schemes being implemented in the new and renewable energy sector in the state of West Bengal during 2016-17 and 2017-18 are given in Annexure II.

ANNEXURE-I REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO. 6288
FOR ANSWER ON 5/04/2018

Details of the Renewable Energy Schemes / Programmes

1. Grid Interactive and Distributed Renewable Energy Power:

- **Wind Power:** MW-scale Wind Farms.
- **Bio-power:** Biomass power/ Cogeneration.
- **Small Hydro Power:** Small hydro power plants up to 25 MW capacity.
- **Solar Power:** Grid-interactive -Solar Thermal and SPV power generation plants, Solar Roof Top programme.
- **Energy Storage:** for proper scheduling and forecasting of Power generation and stabilization of the Grid.
- **Green Energy Corridors:** transmission Infrastructure for evacuation of Power from Renewable Energy Sources..
- **Support to Solar Energy Corporation of India.**
- **Demonstration of Renewable Energy Application.**

2. Off-Grid/ Distributed and Decentralized Renewable Power:

- **Solar Power** (To promote the solar devices such as Solar Lighting Systems, Solar Pumps, Solar Power Packs and Concentrated Solar Technology systems.
- **Small wind and Hybrid Systems:**
- **Water Mills and Water Hydrants**
- **Energy Storage** for Energy Security and energy access in remote areas.
- **Biomass(non-bagasse) cogeneration/ U&I Waste to Energy**
- **Remote Village Electrification Programme :** provision of lighting/ electricity in the un-electrified remote villages/ hamlets
- **Biomass Gasifier for Rural Energy / Industrial Energy.**
- **Biogas Programme:** setting up of Family Type biogas plants for cooking/ lighting/ manure/ small scale power generation
- **Solar Thermal Systems:** deployment of decentralized solar thermal systems/ devices (mainly solar cookers / driers for cooking, drying farm produce) under National Solar Mission.
- **Green Buildings** - incorporating active renewable energy systems and passive designs
- **Solar Cities** – Planning for reducing their conventional energy consumption through energy conservation and use of renewable energy devices/ systems

3. Research, Development and International Cooperation:

- Supporting research and development projects at premier institutions and industries on different aspects of new and renewable energy technologies.
- Human Resource Development and Training Programme
- International relations international cooperation including Investment Promotion
- New and Innovative Projects

4. Support to Autonomous Bodies: Support to Institutions under the aegis of MNRE

Annexure-II

Annexure-II referred to in reply to Lok Sabha Unstarred Question No. 6288 for 05/04/2018 regarding 'Implementation of Schemes in West Bengal'.

Achievements made under the various schemes being implemented in the new and renewable energy sector in the State of West Bengal during 2016-17 and 2017-18

Scheme	Achievement for 2016-17 (in MW)	Achievement for 2017-18 (in MW)
Grid Connected Solar RTS	2.502	10.19
Grid Connected Solar RTS in CESC Area	1.748	4.33
Stand Alone Solar PV system	-	0.103
Ground mounted solar PV power Plants	-	35.2
Canal Bank Solar Project	10.8	-
Innovative Solar Project	-	0.006