

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2885
TO BE ANSWERED ON 05.12.2019

RENEWABLE ENERGY SCHEMES

+2885. SHRI SUNIL BABURAO MENDHE

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

- (a) the details and the number of schemes relating to renewable energy launched in Maharashtra during the last five years;
- (b) if so, the details thereof along with the funds provided in this regard; and
- (c) the details of various stages of implementation of such schemes?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

- (a) The details of the renewable energy schemes/programmes being implemented in the country including the state of Maharashtra are given in the **Annexure-I**.
- (b) A total of Rs 823.15 crore were allocated in the form of central financial assistance during the last five years i.e. 2014-15 to 2018-19 for the implementation of various renewable energy programs in the state.
- (c) The details of the achievements made in the state under various renewable energy programs during the last five years are given in **Annexure-II**.

Annexure referred to in reply to part (a) of Lok Sabha Un-starred Question No. 2885 for 5/12/2019 regarding 'Renewable Energy Schemes'

Details of the Renewable Energy Schemes / Programmes

1. Grid Interactive Power:

- **Wind Power:** Grid Interactive Wind Power projects.
- **Bio-power:** Biomass power/ Cogeneration and waste to energy programme.
- **Small Hydro Power:** Small hydro power plants up to 25 MW capacity.
- **Solar Power:** Grid-interactive –Solar power generation plants, Solar Roof Top programme.
- **Green Energy Corridors:** transmission Infrastructure for evacuation of Power from Renewable Energy Sources.

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

- **Solar Power** -To promote the solar devices such as Solar Lighting Systems, Solar Power Packs and Concentrated Solar Technology systems, **PM- KUSUM**, Atal Jyoti Yojna (AJAY).
- **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.

3. Other programmes:

- Supporting research and development projects at premier institutions and industries on different aspects of new and renewable energy technologies.
 - Solar
 - Hydrogen and fuel cell
 - Biogas
 - SHP
- Human Resource Development and Training Programme
- Information and Publicity

**Annexure referred to in reply to part (c) of Lok Sabha Un-starred Question No. 2885 for 5/12/2019
regarding 'Renewable Energy Schemes'**

**Statement showing progress/achievement made in the implementation of various renewable energy
programme in the state of Maharashtra during last five years**

Sector	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20 (Upto 31.10.2019)	Total
Wind Power (MW)	350.45	207.85	117.55	12.60	10.2	-	698.65
Small Hydro Power (MW)	8.0	4.45	6.3	27	2.3	4	52.05
Biomass Power/Cogeneration (MW)	210.8	134	98	105	329.7	-	877.5
Solar Power (MW)	82.23	34.26	66.61	777.56	394.96	27.79	1383.41
Decentralized/Off-grid Renewable Energy Systems							
Solar Lightning System (Nos.)	-	1892	127	170614	-	-	172633
Solar Pumps (nos.)	-	12	1252	1287	-	5022	7573
Solar Power Packs (kWp)	941	2003	-	-	-	-	2944