

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3045
TO BE ANSWERED ON 12.03.2020
POTENTIAL OF SOLAR ENERGY

3045. SHRIMATI POONAM MAHAJAN

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

- (a) whether there is a huge potential of solar energy in various districts and several areas of Maharashtra;
- (b) if so, the details thereof;
- (c) whether any survey has been conducted by the Government in this regard;
- (d) if so, the details thereof and the outcome thereto; and
- (e) the strategies formulated and implemented by the Government for these districts based on the outcomes?

ANSWER

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

(SHRI R.K. SINGH)

(a) to (d) The National Institute of Solar Energy, an Autonomous Institute under aegis of the Ministry of New and Renewable Energy has assessed solar energy potential of around 750 GW in the country including the State of Maharashtra. The solar energy potential of State of Maharashtra is around 64.32 GW. As on 29.02.2020, a grid connected capacity of 35065.34 MW of Solar Power had been installed in the country including 2461.50 MW in the State of Maharashtra.

(e) The Government has formulated and is implementing various schemes for promotion and use of solar energy in the country including various Districts of Maharashtra. The major ones are as detailed under:

- i. Solar Park Scheme for setting up of Solar Parks and Ultra Mega Solar Power Projects targeting over 40,000 MW of solar power projects.
- ii. Scheme for setting up of Grid-Connected Solar PV Power Projects by the Central Public Sector Undertakings (CPSUs) and the Government of India organizations with Viability Gap Funding (VGF).
- iii. VGF Scheme for setting up of 5000 MW of Grid Connected Solar PV Power Projects through SECI, which has a separate component of 1000 MW for N-E states.
- iv. Phase-I and Phase-II of Grid Connected Rooftop Programme.
- v. Off-Grid Solar PV Schemes viz. Solar Street Lights / Power packs, Solar Study lamps, Solar Study lamps under 70 lakh Solar Study lamps scheme, Solar Street light under AJAY scheme.
- vi. Pradhan Mantri – Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM).
