

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 128
TO BE ANSWERED ON 11.12.2018
SOLAR ENERGY PRODUCTION

128. SHRI ELAMARAM KAREEM

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

- (a) the total solar energy production in the country at present;
- (b) year-wise data of solar energy production since 2015; and
- (c) the steps taken by Government to improve power production through renewable energy sources?

ANSWER

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

- (a) Central Electricity Authority (CEA) has reported that the total solar energy production in the year 2018-19 was 21.365 Billion Units (BUs), as on 31.10.2018.
- (b) The year-wise details of solar energy production since, 2015 are given as under:-

S.No	Year	Generation from Solar Projects (BUs)
1.	2015-16	7.448
2.	2016-17	13.499
3.	2017-18	25.871
4.	2018-19	21.365 (as on 31.10.2018)

(c) Government have taken various steps to increase generation of renewable energy. These inter-alia, include the following:

- (i) Announcement of a target of installing 175 GW of renewable energy capacity by March, 2022;
- (ii) Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2021-22;
- (iii) Fiscal and financial incentives such as Capital Subsidy, Viability gap funding (VGF), accelerated depreciation benefits etc;
- (iv) Permitting 100% Foreign Direct Investment (FDI) under the automatic route in renewable energy sector;
- (v) Guidelines for procurement of solar and wind power through tariff based competitive bidding process;
- (vi) Waiving of Inter State Transmission System Charges and losses for inter-state sale of solar and wind power for projects to be commissioned up to March, 2022;
- (vii) Raising funds from bilateral and multilateral finance and development institutions;
- (viii) Implementation of Green Energy Corridor project to facilitate integration of large scale renewable generation capacity addition.
