

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-2577

TO BE ANSWERED ON-27.12.2018

SOLAR ENERGY GENERATION

2577. DR. RAVINDRA KUMAR RAY
SHRI SHER SINGH GHUBAYA

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

- (a) the quantum of total solar power generation in the country at present;
- (b) the details of solar power generation during each of the last three years; and
- (c) the steps taken to improve power generation through renewable energy sources?

ANSWER

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

(a) The Central Electricity Authority has reported solar power generation of 21.34 Billion Units (BU) in the country till 31.10.2018 in the year 2018-19.

(b) The year-wise details of solar power generation during last three years as have been reported by the Central Electricity Authority (CEA) are as under:

Year	Solar Power Generation (in BUs)
2015-16	7.45
2016-17	13.50
2017-18	25.87

(c) The Government has set a target of installing 175 GW of Renewable Energy (RE) capacity by 2022 for which different schemes/programmes are being implemented. This apart, Government has taken, inter alia, following steps for improving power generation through renewable energy sources in the country.

- (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) Issued 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 financial and development institutions;
- (viii) Implementation of Green Energy Corridor project to facilitate integration of large scale renewable generation capacity.
