

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2217
TO BE ANSWERED ON 01.01.2019

SHARE OF SOLAR POWER IN POWER BASKET

2217. SHRI HARNATH SINGH YADAV

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

- (a) the contribution of solar energy to the total installed capacity of power in the country;
- (b) the rate of growth of solar energy over the last three years; and
- (c) the measures being taken by Government to accelerate deployment of solar energy?

ANSWER

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

(a) A grid connected capacity of 24,567.39 MW of solar energy has been installed out of total installed renewable energy capacity of 73,969.70 MW in the country as on 30.11.2018.

(b) The Compounded Annual Growth Rate of solar energy has been 78.9% over the last three years. The details of grid connected solar energy capacity installed are as under:

Year	Cumulative Capacity installed (in MW) at the end of year
2015-16	6,763
2016-17	12,289
2017-18	21,652

(c) The Government has taken various measures to accelerate deployment of solar energy in the country. These inter-alia, include the following:

- (i) Announcement of a target of installing 100 GW of solar energy capacity by March, 2022;
- (ii) Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2021-22;
- (iii) Fiscal & 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 finance and development institutions;
- (viii) Implementation of Green Energy Corridor project to facilitate integration of large scale renewable generation capacity addition.
