

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO-2554**  
TO BE ANSWERED ON-02.08.2018

**CONTRIBUTION OF SOLAR/WIND ENERGY**

2554. SHRI P. KUMAR

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

- (a) the contribution of solar and wind energy as compared to total electricity generation of the country during the last three years, year-wise;
- (b) the names of top five States in the usage of solar energy for the generation of electricity; and
- (c) the estimated quantum increase in the generation of solar and wind energy in next five years?

**ANSWER**

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

(a) As reported by the Central Electricity Authority (CEA), the contribution of solar and wind energy in total electricity generation of the country during the last three years, year-wise, is given at **Annexure**.

(b) The installed solar power capacity of top five States of solar energy for generation of electricity are as under:

State	Capacity (MW) as on 30.6.2018
Karnataka	5124.18
Telangana	3401.13
Andhra Pradesh	2512.36
Rajasthan	2360.75
Tamil Nadu	2220.95

(c) Solar and Wind capacity installations have been targeted to go from the present level of 23.02 GW and 34.29 respectively to the targeted capacity of 100 GW of solar and 60 GW of wind by the year 2022.

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**ANNEXURE****ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 2554 FOR 02.08.2018**

<b>Category</b>	<b>Details of Generation from 2015-16 to 2017-18</b> <b>(in MUs)</b>		
	<b>Generation (2015-16)</b>	<b>Generation (2016-17)</b>	<b>Generation (2017-18)</b>
<b>Total power generation including from Thermal, Nuclear, Hydro and RES</b>	1168358.92	1236071.81	1303367.40
<b>Solar</b>	7447.92	13499.41	25871.07
<b>Wind</b>	33029.39	46004.34	52666.09