

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
STARRED QUESTION NO. 13
TO BE ANSWERED ON 17.07.2017

INSTALLED CAPACITY FOR SOLAR AND WIND POWER

*13. SHRI SANJIV KUMAR:

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

- (a) the current installed capacity (in MW) for solar and wind power, State-wise;
- (b) the details of the roadmap, for creation of installed capacity for solar and wind power during the next three years, State-wise; and
- (c) whether any thrust has been given to promote renewable energy in Jharkhand?

ANSWER

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) to (c): A Statement is laid on the Table of the House.

STATEMENT

THE STATEMENT REFERRED TO IN REPLY TO RAJYA SABHA STARRED QUESTION NO. 13 DUE FOR ANSWER ON 17.07.2017 REG. INSTALLED CAPACITY FOR SOLAR AND WIND POWER

(a): The State/UT-wise details of current installed capacity of solar power and wind power (as on 30.06.2017) are given in Annexure-I.

(b): The State-wise targets have not been fixed. However, the Government has set a target of reaching 100 GW Grid connected solar capacity and 60 GW wind capacity by 2022. Year-wise targets for solar power capacity installation are given below:

Year/Category	Rooftop Solar	Large Scale Solar Power Projects	Total
2015-16	200	1,800	2,000
2016-17	4,800	7,200	12,000
2017-18	5,000	10,000	15,000
2018-19	6,000	10,000	16,000
2019-20	7,000	10,000	17,000
2020-21	8,000	9,500	17,500
2021-22	9,000	8,500	17,500
Total	40,000	57,000	97,000*

*3,743 MW commissioned upto 2014-15.

In case of wind power, annual wind capacity addition of 5.5 GW is planned for five years till 2022. Wind projects are mainly private sector driven and therefore State-wise allocation is not envisaged.

(c): The Government gives lot of thrust to promote renewable energy in the country including Jharkhand. There is solar power potential of 18.18 GW in the State of Jharkhand and the State has installed capacity of 23.27 MW as on 30.06.2017. In addition, 4.05 MW of small hydro power projects have been installed in the state of Jharkhand. So far as grid interactive wind power is concerned, wind power potential in Jharkhand is not suitable for commercially viable wind projects.

**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF RAJYA SABHA
UNSTARRED QUESTION NO. 13 FOR ANSWER ON 17.07.2017**

**State/UT-wise details of solar and wind power capacity installed
(As on 30.06.17)**

Sr. No.	State/UT	Total cumulative Wind Power capacity installed (MW)	Total cumulative Solar Power capacity installed (MW)
1	Andhra Pradesh	3721.25	2010.87
2	Arunachal Pradesh		0.27
3	Bihar		111.52
4	Chhattisgarh		128.86
5	Gujarat	5434.37	1262.1
6	Haryana		81.4
7	Jharkhand		23.27
8	Karnataka	3774.70	1180.38
9	Kerala	51.50	74.2
10	Madhya Pradesh	2497.79	857.04
11	Maharashtra	4771.33	452.36
12	Odisha		79.42
13	Punjab		809.45
14	Rajasthan	4281.72	1961.21
15	Tamil Nadu	7870.41	1697.32
16	Telangana	100.80	1609.27
17	Tripura		5.09
18	Uttar Pradesh		359
19	Uttarakhand		233.48
20	West Bengal		26.14
21	Andaman & Nicobar		6.56
22	Delhi		40.27
23	Lakshadweep		0.75
24	Puducherry		0.08
25	Chandigarh		17.32
26	Dadra and Nagar Haveli		2.97
27	Goa		0.71
28	Manipur		0.03
29	Meghalaya		0.01
30	Nagaland		0.5
31	Daman & Diu		10.46
32	J&K		1.36
33	Himachal Pradesh		0.73
34	Mizoram		0.1
35	Assam		11.78
36	Others /data from rooftop division cumulative	4.30	58.31
TOTAL		32508.17	13114.59