

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 157
ANSWERED ON 29.07.2026

WIND ENERGY CAPACITY

*157. SMT. MANJU SHARMA

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

- (a) the details of installed wind energy capacity in the country;
- (b) whether the pace of installation of wind energy capacity has been very slow during the last five years;
- (c) if so, the details of installations of wind energy capacity, year and State-wise;
- (d) whether there is potential of setting up new hybrid wind and solar projects across the country; and
- (e) if so, the details including its present status thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY, CONSUMER AFFAIRS & FOOD AND PUBLIC DISTRIBUTION AND EDUCATION.

(SHRI PRALHAD JOSHI)

(a) to (e): A statement is laid on the Table of the House.

Statement referred to in reply to parts (a) to (e) of the Lok Sabha Starred Question No. 157 to be answered on 29.07.2026 regarding ‘Wind Energy Capacity’ asked by Smt. Manju Sharma

(a) to (e): As on 30.06.2026, the cumulative installed wind energy capacity in the country is 57443.39 MW. The State-wise details of installed wind energy capacity are given in **Annexure-I**. During the last five years, the wind capacity addition is as follows;

S. No.	Financial Year	Annual Wind Capacity Addition in the country (MW)
1	2021-22	1110.52
2	2022-23	2275.55
3	2023-24	3253.38
4	2024-25	4151.31
5	2025-26	6057.02

It may be observed from above data that the pace of installation of wind energy capacity has increased during the last five years. During the last financial year 2025–26, a record wind capacity of 6.05 GW was installed, which is the highest annual wind capacity addition since the inception of wind energy sector in the country. Further, the year-wise and State-wise details of wind power capacity installed in the country during the last five years is given at **Annexure-II**.

Further, India has significant potential for the development of hybrid renewable energy projects, particularly Wind-Solar Hybrid Projects, across several States. The solar and wind potential of the country is 3443.37 GW and 1163.85 GW, respectively. The state wise details of solar and wind potential are given at **Annexure-III**. National Institute of Wind Energy (NIWE) has developed a National Wind-Solar Hybrid Resource Map and issued in public domain. The map is uploaded on NIWE website which enables prospective developers to identify technically suitable locations for efficient and economically viable wind-solar hybrid projects.

Annexure-I**State-wise details of installed wind energy capacity**

STATE	Cumulative wind energy capacity as on 30.06.2026 (MW)
Gujarat	16086.655
Tamil Nadu	12273.685
Karnataka	8896.34
Maharashtra	6318.71
Rajasthan	5516.045
Andhra Pradesh	4461.58
Madhya Pradesh	3686.45
Telangana	128.1
Kerala	71.525
Others	4.3
Total	57443.39

Annexure-II**Year-wise and State-wise details of wind power capacity installed in the country during the last five years**

STATE	Financial Year				
	2021-22	2022-23	2023-24	2024-25	2025-26
Andhra Pradesh	0	0	0	280.5	38.63
Gujarat	647.4	769.7	1743.8	954.76	2964.775
Karnataka	192.3	164.05	724.66	1331.485	1379.04
Kerala	0	0	1	7.775	0.25
Madhya Pradesh	0	324.4	0	350.86	484
Maharashtra	12.5	0	195.15	76.63	642.60
Rajasthan	0	866.6	2.4	12.925	140.4
Tamil Nadu	258.325	150.8	586.375	1136.375	407.32
Total	1110.525	2275.55	3253.385	4151.31	6057.02

State wise details of solar and wind potential of the country

Sl. No.	STATES / UTs	Wind Power (MW) @ 150m	Solar (MW)
1	Andhra Pradesh	123336	299312.12
2	Arunachal Pradesh	246	467.52
3	Assam	459	19173.13
4	Bihar	4023	32991.49
5	Chhattisgarh	2749	126484.29
6	Goa	14	6752.35
7	Gujarat	180790	243219.9
8	Haryana	593	6468.11
9	Himachal Pradesh	239	21501.61
10	UT of Jammu & Kashmir	0	8588.94
11	Jharkhand	16	51831.29
12	Karnataka	169251	223278.99
13	Kerala	2621	12404.71
14	Ladakh	1	8556.64
15	Madhya Pradesh	55423	318972.16
16	Maharashtra	173868	486678.68
17	Manipur	0	2293.92
18	Meghalaya	55	14674.1
19	Mizoram	0	612.21
20	Nagaland	0	190.96
21	Orissa	12129	139474.33
22	Punjab	428	9210.19
23	Rajasthan	284250	828781.44
24	Sikkim	0	254.46
25	Tamil Nadu	95107	204765.06
26	Telangana	54717	140451.26
27	Tripura	0	9105.85
28	Uttar Pradesh	510	97842.99
29	Uttarakhand	49	4436.24
30	West Bengal	1281	22742.39
31	Andaman & Nicobar	1245	590.22
32	Chandigarh	0	22.42
33	Dadar & Nagar Haveli & Daman and Diu	17	498.31
34	Delhi	0	550.22
35	Lakshadweep	31	0
36	Pondicherry	408	195.9
37	Others	0	0
	Total	1163856	3343374.4

