

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**STARRED QUESTION NO. 231**  
ANSWERED ON 16.03.2023

**RENEWABLE ENERGY CAPACITY IN TAMIL NADU**

\*231. DR. DNV SENTHILKUMAR S

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

- (a) whether Tamil Nadu is amongst the leading States in the Renewable Energy Sector in the country and if so, the details thereof;
- (b) the total installed renewable energy capacity in Tamil Nadu;
- (c) the details of the total installed solar energy capacity in Tamil Nadu;
- (d) whether there is any limit regarding the potential for tapping the solar energy considering the fact that the State has sufficient sunshine throughout the year; and
- (e) if so, the details thereof?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**

**(SHRI R.K. SINGH)**

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

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## **STATEMENT**

### **STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION No. 231 for ANSWER ON 16-03-2023**

(a) to (e) The source-wise and state-wise details of the renewable energy capacity installed in the country as on 28.02.2023 are given in **Annexure**.

A total of 19866.93 MW renewable energy capacity has been installed in the State of Tamil Nadu, as on 28.02.2023, which includes 6536.77 MW Solar Power.

There is no limit set for harnessing the potential of Solar Energy by the States.

Private sector developers are free to identify locations for setting up renewable energy projects in any part of the country depending upon availability of the renewable energy resource, land, power evacuation infrastructure and certain other factors.

Annexure referred to in reply to part (a) to (c) of Lok Sabha Starred Question No. 231 for 16/03/2023 regarding 'Renewable Energy Capacity in Tamil Nadu'

Source-wise and state-wise details of the renewable energy capacity installed as on 28.02.2023

(in MW)

S. No.	STATES / UTs	Small Hydro Power	Wind Power	Bio Power	Solar Power	Large Hydro	Total Capacity
		(MW)	(MW)	(MW)	(MW)	(MW)	(MW)
1	Rajasthan	23.85	4681.82	125.08	16405.75	411.00	21647.50
2	Gujarat	91.64	9925.72	110.73	8887.72	1990.00	21005.81
3	Karnataka	1280.73	5276.05	1902.15	8110.48	3689.20	20258.61
4	Tamil Nadu	123.05	9983.12	1045.79	6536.77	2178.20	19866.93
5	Maharashtra	381.08	5012.83	2639.13	3772.09	3047.00	14852.13
6	Himachal Pradesh	969.71		10.20	87.46	10263.02	11330.39
7	Andhra Pradesh	163.31	4096.65	567.16	4530.76	1610.00	10967.88
8	Madhya Pradesh	123.71	2844.29	134.94	2801.25	2235.00	8139.19
9	Telangana	90.87	128.10	220.37	4657.18	2405.60	7502.12
10	Uttar Pradesh	49.10		2215.73	2500.97	501.60	5267.40
11	Uttarakhand	218.82		139.44	575.52	3975.35	4909.13
12	Jammu & Kashmir	146.68		0.00	49.12	3449.00	3644.80
13	Punjab	176.10		507.27	1165.07	1096.30	2944.74
14	Kerala	266.52	62.50	2.50	723.48	1864.15	2919.15
15	Odisha	115.63		59.22	452.94	2154.55	2782.34
16	Sikkim	55.11		0.00	4.69	2282.00	2341.80
17	West Bengal	98.50		329.30	179.97	1341.20	1948.97
18	Chhattisgarh	76.00		275.00	947.35	120.00	1418.35
19	Haryana	73.50		259.43	1026.71		1359.64
20	Arunachal Pradesh	133.11		0.00	11.64	1115.00	1259.75
21	Assam	34.11		2.00	147.93	350.00	534.04
22	Bihar	70.70		126.02	192.88		389.60
23	Meghalaya	32.53		13.80	4.15	322.00	372.48
24	Jharkhand	4.05		4.30	101.85	210.00	320.20
25	Delhi			84.00	213.00		297.00
26	Manipur	5.45		0.00	12.28	105.00	122.73
27	Mizoram	45.47		0.00	8.02	60.00	113.49
28	Nagaland	31.67		0.00	3.04	75.00	109.71
29	Chandigarh			0.00	58.69		58.69
30	Others		4.30	0.00	45.01		49.31
31	Ladakh	40.79		0.00	7.80	0.00	48.59
32	Daman & Diu			0.00	41.01		41.01
33	Puducherry			0.00	35.53		35.53
34	Andaman & Nicobar	5.25		0.00	29.91		35.16
35	Tripura	16.01		0.00	17.53		33.54
36	Goa	0.05		0.34	26.40		26.79
37	Dadra & Nagar Haveli			0.00	5.46		5.46
38	Lakshadweep			0.00	3.27		3.27
	<b>Total (MW)</b>	<b>4943.10</b>	<b>42015.38</b>	<b>10773.90</b>	<b>64380.68</b>	<b>46850.17</b>	<b>168963.23</b>