

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-1977
ANSWERED ON-22/09/2020

RENEWABLE ENERGY CAPACITY

1977. SHRI PARTHIBAN S.R.

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

- (a) the percentage of targeted renewable energy capacity during the year 2019-20;
- (b) the reasons for shortfall, if any, in the target; and
- (c) the details of renewable energy projects set up by the Government in the country during the last three years and the current year, State-wise including Tamil Nadu?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) As part of Intended Nationally Determined Contributions as per the Paris Accord on Climate Change, India has undertaken to install at least forty percent of its total electricity generation capacity from non-fossil fuel sources by 2030.

As on 31st August 2020, a cumulative renewable energy capacity of 134.49 GW had been installed in the country, with an additional capacity of 58.08 GW under various stages of implementation and 28.43 GW under various stages of bidding. As on same date, the country had cumulative installed capacity of 141.27 GW from non-fossil fuels sources. The cumulative renewable energy capacity and cumulative capacity from non-fossil fuel sources constituted 36.08% and 37.90% of total electricity generation capacity of 372.69 GW installed in the country as on 31st August, 2020, respectively. During the year 2019-20, a total of 27.59 GW capacity of bids were issued by the implementing agencies of the Ministry. Further, a capacity of 8.76 GW of renewable energy capacity was added during the year.

(c) The source-wise and state-wise details of renewable energy projects implemented in the country including the State of Tamil Nadu during last three years (2017-18, 2018-19 & 2019-20) and current year (upto 31st August 2020) are given in **Annexure**.

Annexure referred to in reply to part (c) of LOK Sabha Unstarred Question No.1977 for 22/9/2020 regarding 'Renewable Energy Capacity'

Source-wise and State-wise achievements made during the last three years and current year upto Aug 2020 i.e. (April 2017 to Aug 2020) (in MW)						
		Solar Power	Wind Power	Small Hydro Power	Large Hydro Power (>25 MW)	Bio- Power
1	Andhra Pradesh	1751.55	473.6	11	0	6.49
2	Arunanchal Pradesh	5.35	0	26.5	410	0
3	Assam	29.45	0	0	0	2
4	Bihar	44.83	0	0	0	3.5
5	Chhattisgarh	102.49	0	0	0	14.4
6	Goa	4.07	0	0	0	0.34
7	Gujarat	1936.12	2431.5	52.35	0	12
8	Haryana	159.22	0	0	0	31.2
9	Himachal Pradesh	39.41	0	79.7	112	2
10	Jammu & Kashmir	18.08	0	27.45	330	0
11	Jharkhand	15.78	0	0	0	0
12	Karnataka	6269.03	1043.4	55	0	420.1
13	Kerala	72.14	11	9	0	1.55
14	Madhya Pradesh	1469.76	22.1	13.55	0	2
15	Maharashtra	1408.35	229	33.405	0	503
16	Manipur	6.32	0	0	0	0
17	Meghalaya	0.11	0	1.5	40	0
18	Mizoram	1.42	0	0	60	0
19	Nagaland	0.5	0	0	0	0
20	Orissa	319.52	0	24.005	0	0
21	Punjab	145.63	0	2.65	0	177.85
22	Rajasthan	3496.5	18	0	0	0
23	Sikkim	0.07	0	0	193	0
24	Tamil Nadu	2484.49	1463.885	0	0	110.6
25	Telangana	2438.2	27.3	0	90	28.3
26	Tripura	4.32	0	0	0	0
27	Uttar Pradesh	846.82	0	24	0	26.25
28	Uttrakhand	82.54	0	0	0	0
29	West Bengal	100.8	0	0	0	0
30	Andaman & Nicobar	22.66	0	0	0	0
31	Chandigarh	25.62	0	0	0	0
32	Dadar & Nagar Haveli	2.49	0	0	0	0
33	Daman & Diu	16.32	0	0	0	0
34	Delhi	123.16	0	0	0	24
35	Pondicherry	7.42	0	0	0	0
	Total	23450.5	5719.79	360.11	1235.00	1365.58

(Large Hydro source: Central Electricity Authority)