

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-3832
ANSWERED ON-18.03.2021

RENEWABLE ENERGY CAPACITY

3832. SHRI VINAYAK RAUT:

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 during the last three years and the current year, State-wise including Maharashtra?

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 its Nationally Determined Contributions as per the Paris Accord on Climate Change, India has undertaken to achieve at least forty percent of its total installed electricity generation capacity from non-fossil fuel sources by 2030. India has also set a target of achieving 175 GW of installed RE capacity (excluding large hydro power projects) by 2022.

During the year 2019-20, a capacity of 8.76 GW of renewable energy capacity (excluding large hydro power projects) was added. As on 28.02.2021, the total installed capacity from non-fossil fuel sources, including nuclear power capacity, constituted 38.49% of total electricity generation capacity of 379.13 GW installed in the country. As on 28th February 2021, a cumulative renewable energy capacity of 92.97 GW (excluding large hydro power projects) has been installed in the country. Additional capacity of 50.15 GW is under various stages of implementation and 27.02 GW capacity is under various stages of bidding.

(c) The source-wise and state-wise details of renewable energy projects (excluding large hydro power projects) implemented in the country including the State of Maharashtra during last three years (2017-18, 2018-19 & 2019-20) and current year (upto 28th February 2021) are given in **Annexure**.

Annexure referred to in reply to part (c) of LOK Sabha Unstarred Question No.3832 for 18/3/2021 regarding 'Renewable Energy Capacity'

Source-wise and State-wise achievements made during the last three years and current Year (01.04.2017 to 28.02.2021) (in MW)					
		Solar Power	Wind Power	Small Hydro Power	Bio- Power
1	Andhra Pradesh	2129.28	477.80	11.00	6.49
2	Arunachal Pradesh	5.35	0.00	26.50	0.00
3	Assam	31.21	0.00	0.00	2.00
4	Bihar	50.99	0.00	0.00	3.50
5	Chhattisgarh	123.62	0.00	0.00	14.40
6	Goa	6.73	0.00	0.00	0.34
7	Gujarat	2809.19	2965.80	62.34	12.00
8	Haryana	314.43	0.00	0.00	31.20
9	Himachal Pradesh	42.00	0.00	104.30	2.00
10	Jammu & Kashmir	19.37	0.00	27.95	0.00
11	Jharkhand	25.35	0.00	0.00	0.00
12	Karnataka	6317.95	1161.20	55.00	420.10
13	Kerala	182.52	11.00	17.00	1.55
14	Madhya Pradesh	1606.18	22.10	13.55	2.00
15	Maharashtra	1828.35	229.00	33.41	503.00
16	Manipur	6.33	0.00	0.00	0.00
17	Meghalaya	0.11	0.00	1.50	0.00
18	Mizoram	1.43	0.00	0.00	0.00
19	Nagaland	0.50	0.00	0.00	0.00
20	Orissa	322.30	0.00	24.01	0.00
21	Punjab	145.63	0.00	2.65	177.85
22	Rajasthan	3658.30	45.10	0.00	0.00
23	Sikkim	0.07	0.00	0.00	0.00
24	Tamil Nadu	2708.56	1570.09	0.00	110.60
25	Telangana	2649.38	27.30	0.00	28.30
26	Tripura	4.32	0.00	0.00	0.00
27	Uttar Pradesh	1330.22	0.00	24.00	26.25
28	Uttarakhand	118.12	0.00	0.00	0.00
29	West Bengal	123.58	0.00	0.00	0.00
30	Andaman & Nicobar	22.66	0.00	0.00	0.00
31	Chandigarh	27.84	0.00	0.00	0.00
32	Dadar & Nagar Haveli	2.49	0.00	0.00	0.00
33	Daman & Diu	30.09	0.00	0.00	0.00
34	Delhi	141.20	0.00	0.00	24.00
35	Lakshwadeep	0.00	0.00	0.00	0.00
36	Pondicherry	9.25	0.00	0.00	0.00
	Total	26794.90	6509.39	403.20	1365.58