

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3171**  
ANSWERED ON 16.12.2021

**CAPACITY OF NEW AND RENEWABLE ENERGY PROJECTS**

+3171. SHRIMATI NAVNEET RAVI RANA  
SHRIMATI GEETA KORA  
SHRI JUGAL KISHORE SHARMA  
SHRI RAMESH CHANDER KAUSHIK  
SHRI DILIP SAIKIA

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

(a) whether the Government has conducted any survey to augment the capacity of new and renewable energy projects in the country, State-wise including Maharashtra, Jharkhand, Jammu and Kashmir, Haryana and Assam;

(b) the total number of projects sanctioned by the Government in the country during the last five years and the current year along with the details of projects implemented in the said States, location-wise including district of Amravati in Maharashtra; and

(c) the quantum of funds spent by the Government to start/restart such projects along with the details of technical and financial assistance provided in this regard?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**  
**(SHRI R.K. SINGH)**

(a) The state-wise details of renewable energy potential estimated in the country including the States of Maharashtra, Jharkhand, Jammu and Kashmir, Haryana and Assam is given in **Annexure-I**.

(b) The State-wise and source-wise details of renewable energy capacity addition (including large hydro) in the country during the last five years & current year i.e. from 2016-17 to 2021-22 (Up to October'2021) are given in **Annexure-II**.

As per information provided by Maharashtra Renewable Energy Development Agency(MEDA), following renewable energy projects have been sanctioned in the Amravati District of Maharashtra:

- A total of 2744.05 KW grid connected solar rooftop capacity has been sanctioned.
- A total of 305 nos of solar agricultural pumps have been sanctioned under Atal Saur Krushi Pump Yojana-2.
- A total of 186.6 KW capacity of solar pumps have been sanctioned under Drinking Water Supply Scheme.

(c) Most of the grid connected renewable energy projects in the country are being implemented by private sector developers selected through transparent competitive bidding without Central Financial Assistance.

The year-wise details of funds released by the Ministry for the implementation of renewable energy programmes/schemes in the country during last five years and the current year are given below:

(Rs in crore)

Year	Amount
2016-17	3918.13
2017-18	3768.37
2018-19	4470.80
2019-20	3562.10
2020-21	3083.72
2021-22 (upto 30-11- 2021)	2420.07

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**Annexure-I referred to in reply to part (a) of Lok Sabha Un-starred Question No. 3171 for  
16/12/2021 regarding 'Capacity of New and Renewable Energy Projects'**

State wise Estimated Potential										
Sl. No.	STATES / UTs	Wind Power (MW) @ 120m	Small Hydro Power (MW)	Bio-Energy			Solar (MW)	Sub-Total (MW)	Large Hydro (MW)	Total including Large Hydro (MW)
				Biomass Power (MW)	Bagase Cogeneration (MW)	Waste To Energy (MW)				
1	Andhra Pradesh	74906	409.32	578	300	123	38440	114756	3261	118017
2	Arunachal Pradesh	274	2064.92	8			8650	10997	50064	61061
3	Assam	246	201.99	212		8	13760	14428	650	15078
4	Bihar	3650	526.98	619	300	73	11200	16369	40	16409
5	Chhatisgarh	348	1098.20	236		24	18270	19976	2202	22178
6	Goa	8	4.70	26			880	918	55	973
7	Gujarat	142560	201.97	1221	350	112	35770	180215	590	180805
8	Haryana	419	107.40	1333	350	24	4560	6793	64	6857
9	Himachal Pradesh	151	3460.34	142		2	33840	37595	18470	56065
10	Jammu & Kashmir	3	1707.45	43			111050	112803	13613	126416
11	Jharkhand	0	227.96	90		10	18180	18508	582	19090
12	Karnataka	124155	3726.49	1131	450		24700	154162	6459	160621
13	Kerala	2311	647.15	1044		36	6110	10149	3378	13527
14	Madhya Pradesh	15404	820.44	1364		78	61660	79326	1970	81296
15	Maharashtra	98213	786.46	1887	1250	287	64320	166744	3314	170058
16	Manipur	0	99.95	13		2	10630	10745	1761	12506
17	Meghalaya	1	230.05	11		2	5860	6104	2298	8402
18	Mizoram	0	168.90	1		2	9090	9261	2131	11392
19	Nagaland	0	182.18	10			7290	7482	1452	8934
20	Orissa	8346	286.22	246		22	25780	34681	2981	37662
21	Punjab	278	578.28	3172	300	45	2810	7183	971	8154
22	Rajasthan	127756	51.67	1039		62	142310	271219	483	271702
23	Sikkim	0	266.64	2			4940	5209	4248	9457
24	Tamil Nadu	68750	604.46	1070	450	151	17670	88695	1693	90388
25	Telangana	24835	102.25				20410	45347	1099	46446
26	Tripura	0	46.86	3		2	2080	2131	0	2131
27	Uttar Pradesh	101	460.75	1617	1250	176	22830	26434	664	27098
28	Uttarakhand	54	1664.31	24		5	16800	18547	17998	36545
29	West Bengal	1050	392.06	396		148	6260	8246	2829	11075
30	Andaman & Nicobar	1277	7.27				0	1284		1284
31	Chandigarh	0				6	0	6		6
32	Dadar & Nagar Haveli	0					0	0		0
33	Daman & Diu	0					0	0		0
34	Delhi	0				131	2050	2181		2181
35	Lakshwadeep	31					0	31		31
36	Pondicherry	382				3	0	385		385
37	Others					1022	790	1812		1812
	<b>Total</b>	<b>695509.00</b>	<b>21133.62</b>	<b>17536.41</b>	<b>5000.00</b>	<b>2554.00</b>	<b>748990.00</b>	<b>1490723.03</b>	<b>145320</b>	<b>1636043</b>

**Annexure-II referred to in reply to part (b) of Lok Sabha Un-starred Question No. 3171 for  
16/12/2021 regarding 'Capacity of New and Renewable Energy Projects'**

Renewable Energy capacity addition (including Large Hydro) from 2016-17 to 2021-22 (upto Oct 2021) in MW						
s.no.	State	small hydro power	wind power	Bio Power	Solar Power	Large Hydro
1	Andhra Pradesh	0	2665.25	0	3791.87	50
2	Arunachal Pradesh	26.495	0	0	9.04	710
3	Assam	0	0	2	66.41	0
4	Bihar	0	0	12.5	180.38	0
5	Chhatisgarh	24	0	44.17	381.75	0
6	Goa	0	0	0.34	18.37	0
7	Gujarat	66.09	5004.3	20.96	4954.87	0
8	Haryana	0	0	34.54	715.63	0
9	Himachal Pradesh	156	0	2	58.6	442
10	Jammu & Kashmir	0	0	0	33.68	330
11	Jharkhand	0	0	0	66.21	0
12	Karnataka	63	2170.3	474.32	7353.6	0
13	Kerala	39.1	19	1.55	305.73	0
14	Ladakh	39.64	0	0	7.8	0
15	Madhya Pradesh	13.55	378.8	18.27	1890.63	0
16	Maharashtra	40.7	359.05	612.07	2149.75	0
17	Manipur	0	0	0	10.55	0
18	Meghalaya	1.5	0	0	2.55	40
19	Mizoram	0	0	0	6.01	60
20	Nagaland	0	0	0	1.48	0
21	Odisha	36	0	0	360.33	0
22	Punjab	3.45	0	178.85	682.29	0
23	Rajasthan	0	332.8	5.11	7565.17	0
24	Sikkim	0	0	0	2.76	1606
25	Tamil Nadu	0	2232.8	113.85	3647.66	0
26	Telangana	90.87	50.4	56.82	3504.61	200
27	Tripura	0	0	0	6.91	0
28	Uttar Pradesh	24	0	40.57	1847.35	0
29	Uttarakhand	4.99	0	2.95	503	99
30	West Bengal	0	0	0	144.67	80
31	Andaman & Nicobar	0	0	0	24.15	0
32	Chandigarh	0	0	0	45.83	0
33	Dadar & Nagar Haveli	0	0	0	5.46	0
34	Daman & Diu	0	0	0	36.72	0
35	Delhi	0	0	52	195.38	0
36	Lakshwadeep	0	0	0	0.25	0
37	Pondicherry	0	0	0	11.31	0
38	Others	0	0	0	0	0