

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 4254**  
TO BE ANSWERED ON 19.03.2020

**PROMOTING THE USE OF RENEWABLE ENERGY SOURCES**

+4254. SHRI RAMCHARAN BOHRA

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

- (a) whether the Government has formulated any action plan to promote the use of new and renewable sources of energy in order to check global warming and bring down carbon emissions;
- (b) if so, the details thereof;
- (c) if not, the time limit fixed for formulating such an action plan; and
- (d) the names of States and places where such plants are likely to be set up across the country, State/location-wise?

**ANSWER**

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

(SHRI R.K. SINGH)

(a to d) As part of 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 29<sup>th</sup> February 2020, a cumulative renewable energy capacity of 132.45 GW had been installed in the country, with an additional capacity of 46.69 GW under various stages of implementation and 34.07 GW under various stages of bidding. As on same date, the country had cumulative installed capacity of 139.22 GW from non-fossil fuel sources. The cumulative renewable energy capacity and cumulative capacity from non-fossil fuel sources constituted 35.85% and 37.68% of total electricity generation capacity of 369.41 GW installed in the country as on 29<sup>th</sup> February, 2020, respectively.

The renewable energy projects can be set up anywhere in the country considering potential of particular renewable energy source.

The details of state-wise and source-wise renewable energy capacity installed in the country upto 29<sup>th</sup> February'2020 are given in the **Annexure**.

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**Annexure referred to in reply to part (d) of Lok Sabha Starred Question No.4254 for 19/3/2020  
regarding 'Promoting the Use of Renewable Energy Sources'**

State-wise installed capacity of Grid Interactive Renewable Power including large hydro as on 29.02.2020.							
S. No.	States	Small Hydro Power	Large Hydro Power	Wind Power	Bio-Power	Solar Power	Total Installed Capacity
1	Andhra Pradesh	162.11	1610	4092.45	500.34	3559.02	9923.92
2	Arunachal Pradesh	131.105	815			5.61	951.715
3	Assam	34.11	350			41.23	425.34
4	Bihar	70.7			121.2	151.57	343.47
5	Chhatisgarh	76	120		230.5	231.35	657.85
6	Goa	0.05				4.78	4.83
7	Gujarat	68.95	1990	7479.02	77.3	2886.16	12501.43
8	Haryana	73.5			205.66	252.14	531.3
9	Himachal Pradesh	911.51	9809		7.2	32.93	10760.64
10	Jammu & Kashmir	180.48	3360			19.3	3559.78
11	Jharkhand	4.05	210		4.3	38.4	256.75
12	Karnataka	1280.73	3644.2	4790.6	1882.8	7277.93	18876.26
13	Kerala	222.02	1856.5	62.5	0.72	142.23	2283.97
14	Madhya Pradesh	95.91	2235	2519.89	120.75	2258.46	7230.01
15	Maharashtra	379.575	3047	5000.33	2528.69	1801.8	12757.4
16	Manipur	5.45	105			5.16	115.61
17	Meghalaya	32.53	322		13.8	0.12	368.45
18	Mizoram	36.47	60			1.52	97.99
19	Nagaland	30.67	75			1	106.67
20	Odisha	64.625	2142.25		59.22	397.84	2663.935
21	Punjab	173.55	1096.3		327.85	947.1	2544.8
22	Rajasthan	23.85	411	4299.72	121.3	5035.08	9890.95
23	Sikkim	52.11	2169			0.07	2221.18
24	Tamil Nadu	123.05	2178.2	9292.34	1003.95	3915.88	16513.42
25	Telangana	90.87	2405.6	128.1	177.6	3620.75	6422.92
26	Tripura	16.01				9.41	25.42
27	Uttar Pradesh	25.1	501.6		2115.51	1095.1	3737.31
28	Uttarakhand	214.32	3756.35		130.5	315.9	4417.07
29	West Bengal	98.5	1341.2		319.92	114.46	1874.08
30	Andaman & Nicobar	5.25				12.19	17.44
31	Chandigarh					36.99	36.99
32	Dadar & Nagar Haveli					5.46	5.46
33	Daman & Diu					17.31	17.31
34	Delhi				52	165.16	217.16
35	Ladakh		89				89
36	Lakshwadeep					0.75	0.75
37	Pondicherry					5.51	5.51
38	Others			4.3			4.3
	Total (MW)	4683.16	45699.2	37669.3	10001.1	34405.7	132458