

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2866
TO BE ANSWERED ON 20.03.2018
INSTALLATION OF RE PROJECTS IN INSTALLATIONS/BUILDINGS

2866. DR. V. MAITREYAN

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

- (a) the details of Renewable Energy (RE) projects proposed and executed during last three years in installations/buildings of both Centre, State Governments and private institutes;
- (b) whether Government has any plans to approve such new RE projects and to make it mandatory for Government and Private sectors;
- (c) if so, the details thereof;
- (d) whether Government has conducted any studies to find out the impact of efficient and cost effective technologies in generation of renewable energy in the country; and
- (e) if so, the details thereof and the list of studies conducted and projects implemented annually in the last three years, year-wise and State-wise?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R. K. SINGH)

(a) to (e) State-wise details of Renewable Energy capacity commissioned, source wise, year wise during each of the last three years are given at Annexure.

The Government has set up a target of installing Renewable Energy capacity of 175 GW by 2022 with 100 GW of Solar, 60 GW of Wind, 10 GW of Bio Mass and 5 GW of Small Hydro Projects. The Government has also laid down the bidding trajectory of 80 GW of solar and 29 GW of wind till March, 2020 so as to achieve the target. The projects are taken up both in the Central and the State sector. The Government has also laid down Renewable Purchase Obligation on distribution companies wherein all States have been obligated to purchase solar and non-solar power. Further, Renewable Generation Obligations have been laid down for new coal and lignite based thermal power plants.

The Government has prescribed quality standards for solar modules being utilized in production of solar power and for wind equipment so as to ensure that the solar and wind energy equipment used are efficient.

ANNEXURE

ANNEXURE TO RAJYA SABHA UNSTARRED QUESTION NO. 2866 TO BE ANSWERED ON 20.03.2018

Source-wise, year-wise and state-wise achievements made during the last three years and current year (as on 31.03.2017)																					
S.No.	State/UT	Waste To Energy				Bio-Power				Solar Power				Small Hydro Power				Wind Power			
		2014-15	2015-16	2016-17	Total	2014-15	2015-16	2016-17	Total	2014-15	2015-16	2016-17	Total	2014-15	2015-16	2016-17	Total	2014-15	2015-16	2016-17	Total
1	Andhra Pradesh			7.5	7.5				0	126.77	435.11	1294.26	1856.14			9	9	285.2	400.1	2187.45	2872.75
2	Arunachal Pradesh				0				0	0	0.24		0.24	0.7			0.7				0
3	Assam				0				0			11.78	11.78				0				0
4	Bihar				0		11	9	20		5.1	103.42	108.52				0				0
5	Chhattisgarh				0		10		10	0.5	85.98	35.28	121.76			24	24				0
6	Goa				0				0			0.71	0.71				0				0
7	Gujarat				0	9.9			9.9	83.65	119.12	130.19	332.96	1			1	190.73	392.4	1392	1975.13
8	Haryana				0	9.5			9.5	2.5	2.59	66.01	71.1	1.4	2		3.4				0
9	Himachal Pradesh				0				0		0.2	0.53	0.73	85.01	69.9	38	192.91				0
10	Jammu & Kashmir				0				0		1	0.36	1.36	9		1.5	10.5				0
11	Jharkhand				0				0	0	0.19	7.08	7.27				0				0
12	Karnataka				0	32.85	56	50	138.85	46.22	68.24	882.38	996.84	98	88	8	194	320.1	230.9	882.3	1433.3
13	Kerala				0				0	0	13.02	61.15	74.17	10.5	30	14.1	54.6	0	8.4	8	16.4
14	Madhya Pradesh				0	0	25		25	205	217.79	80.67	503.46		0		0	456.3	1261.4	356.7	2074.4
15	Maharashtra				0	210.8	134	98	442.8	82.23	25.01	66.61	173.85	8	4.45	6.3	18.75	350.45	207.85	117.55	675.85
16	Manipur				0				0			0.03	0.03				0				0
17	Meghalaya				0				0			0.01	0.01				0				0
18	Mizoram				0				0		0.1	0	0.1			5	5				0
19	Nagaland				0				0			0.5	0.5		1		1				0
20	Orissa				0				0	2.26	35.16	12.5	49.92				0				0
21	Punjab				0				0	168.75	219.79	388.89	777.43	1.2	13.5		14.7				0
22	Rajasthan				0		4.95		4.95	228.85	327.83	543	1099.68				0	523.5	685.5	287.7	1496.7
23	Sikkim				0				0			0	0				0				0
24	Tamil Nadu				0	19			19	54.12	919.24	630.01	1603.37				0	185.5	158.8	247.57	591.87
25	Telangana				0				0	61.25	360.8	759.13	1181.18	2.2	9.75		11.95		77.7	23.10	100.8
26	Tripura				0				0	5		0.09	5.09				0				0
27	Uttar Pradesh				0	13.5	60.85		74.35	42.16	72.24	193.24	307.64				0				0
28	Uttarakhand				0	0.12			0.12		36.15	192.35	228.5	34.5			34.5				0
29	West Bengal				0		8		8	0.56	18.37	18.93	0.1			0.1					0
30	Andaman & Nicobar				0				0			1.46	1.46				0				0
31	Chandigarh				0				0	2.5	2.31	10.52	15.33				0				0
32	Dadar & Nagar Haveli				0				0			2.97	2.97				0				0
33	Daman & Diu				0				0		4	6.46	10.46				0				0
34	Delhi			16	16				0	0.32	8.82	25.99	35.13				0				0
35	Lakshwadeep				0				0			0	0				0				0
36	Pondicherry				0				0			0.05	0.05				0				0
37	Others				0				0		58.31	0	58.31				0				0
	Total			23.5	23.5	295.67	304.85	161.95	762.47	1112.08	3018.9	5526	9656.98	251.61	218.6	105.9	576.11	2311.78	3423.05	5502.37	11237.2

MW = Mega Watt

