

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 857**

TO BE ANSWERED ON 21.11.2019

**RENEWABLE ENERGY TARGETS**

857. SHRI E.T. MOHAMMED BASHEER  
SHRI MANNE SRINIVAS REDDY

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

- (a) whether the Government has set a target of 175 GW of renewable energy by 2022;
- (b) if so, the details of energy target achieved so far, source and State-wise;
- (c) the road map proposed by the Government to achieve the said target;
- (d) whether the Government proposes to achieve the said target on time and if so, the details thereof; and
- (e) the status of State Rooftop Solar Attractiveness Index (SARAL)?

**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) Government have set a target of installing 175 GW of renewable energy capacity by the year 2022 which includes 100 GW from solar, 60 GW from wind, 10 GW from Biomass and 5 GW from Small Hydro. So far, a total of 83.38 GW of renewable energy capacity has been installed in the country as on 31/10/2019. Further, an additional capacity of 30.06 GW is under various stages of implementation and 39.67 GW under various stages of bidding. The ministry is confident that it will not only achieve this target of installing 175 GW of RE capacity by 2022 but exceed it. The state-wise and source-wise details of installed capacity are given in **Annexure**.

(e) Ranking of States on Roof top Solar Attractiveness Index (SARAL) was launched on 21<sup>st</sup> August 2019 to indicate proactive policies and attractiveness of states for rooftop installation.

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**Annexure**

Annexure referred to in reply to part (a) to (d) of Lok Sabha Un-starred Question No. 857 for 21/11/2019 regarding 'Renewable Energy Targets'

Source-wise and State-wise installed capacity of Grid Interactive Renewable Power (As on 31.10.2019)

S. No.	STATES / Uts	Small Hydro Power	Wind Power	Bio Power	Solar Power	Total
						(MW)
1	Andhra Pradesh	162.11	4092.45	500.34	3316.82	8071.72
2	Arunachal Pradesh	131.105			5.61	136.72
3	Assam	34.11			41.23	75.34
4	Bihar	70.70		121.20	149.35	341.25
5	Chhattisgarh	76.00		230.50	231.35	537.85
6	Goa	0.05			4.78	4.83
7	Gujarat	62.35	7203.77	77.30	2687.57	10030.99
8	Haryana	73.50		205.66	247.52	526.68
9	Himachal Pradesh	906.51		7.20	29.63	943.34
10	Jammu & Kashmir	180.03			19.13	199.16
11	Jharkhand	4.05		4.30	38.40	46.75
12	Karnataka	1256.73	4753.40	1827.80	6497.42	14335.35
13	Kerala	222.02	62.50	0.72	141.39	426.63
14	Madhya Pradesh	95.91	2519.890	120.75	2116.08	4852.63
15	Maharashtra	379.575	4794.13	2528.69	1661.33	9363.73
16	Manipur	5.45			4.30	9.75
17	Meghalaya	32.53		13.80	0.12	46.45
18	Mizoram	36.47			1.42	37.89
19	Nagaland	30.67			1.00	31.67
20	Odisha	64.625		59.22	397.28	521.13
21	Punjab	173.55		327.85	947.10	1448.50
22	Rajasthan	23.85	4299.72	121.30	4737.63	9182.50
23	Sikkim	52.11			0.07	52.18
24	Tamil Nadu	123.05	9231.76	1003.95	3097.97	13456.73
25	Telangana	90.87	128.10	177.60	3620.75	4017.32
26	Tripura	16.01			9.41	25.42
27	Uttar Pradesh	25.10		2115.51	1045.10	3185.71
28	Uttarakhand	214.320		130.50	314.99	659.81
29	West Bengal	98.50		319.92	108.49	526.91
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				16.02	16.02
34	Delhi			52.00	148.41	200.41
35	Lakshwadeep				0.75	0.75
36	Pondicherry				3.20	3.20
37	Others		4.30			4.30
<b>Total (MW)</b>		<b>4647.107</b>	<b>37090.020</b>	<b>9946.11</b>	<b>31696.26</b>	<b>83379.50</b>