

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO-639**  
ANSWERED ON-22/07/2021

**PRODUCTION OF ENERGY THROUGH NON-CONVENTIONAL WAYS**

+639. SHRI RAKESH SINGH

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

- (a) the progress made in the direction of production of energy through non-conventional ways in view of energy conservation in the country;
- (b) whether use of non-conventional sources of energy has been adopted in various Government and non-Government institutes of the country;
- (c) whether any target has been fixed by the Government in this regard;
- (d) if so, the details thereof, Institute-wise;
- (e) whether there has been decrease in consumption of conventional energy as a result of these efforts; and
- (f) if so, the details thereof?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**

**(SHRI R.K. SINGH)**

(a) to (d) The Government has set a target for achieving 175 GW Renewable Energy (RE) capacity (excluding large hydro) by the year 2022. So far, 96.95 GW of cumulative installed RE capacity (excluding large hydro) has been achieved as on June 30, 2021 in the country.

The Renewable power is purchased by DISCOMs which pool it with conventional power and supply it to all consumers including Government & non-Government institutes.

The details of state wise installed Renewable capacity are given at **Annexure**.

(e)&(f) The generation of conventional electrical energy has decreased from 1249.33 Billion Units(BUs) in 2018-19 to 1234.61 BUs in 2020-21 despite increase in total electricity generation from 1376.09 BUs to 1381.85 BUs.

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**Annexure**

**Annexure referred to in reply to part (a&d) of LOK Sabha Unstarred Question No.639 for 22/07/2021 regarding 'Production of Energy through Non-Conventional Ways'**

**Statewise details of Grid Renewable Energy capacity installed in the country as on 30.06.2021**

**(in MW)**

<b>S. No.</b>	<b>STATES / Uts</b>	<b>Small Hydro Power</b>	<b>Wind Power</b>	<b>Bio Power</b>	<b>Solar Power</b>	<b>Cumulative Installed Capacity</b>
1	Andhra Pradesh	162.11	4096.65	506.83	4254.27	9019.86
2	Arunachal Pradesh	131.105		0.00	5.61	136.72
3	Assam	34.11		2.00	59.15	95.26
4	Bihar	70.70		124.70	169.48	364.88
5	Chhatisgarh	76.00		269.90	252.48	598.38
6	Goa	0.05		0.34	7.44	7.83
7	Gujarat	82.69	8758.42	77.30	5131.60	14050.01
8	Haryana	73.50		211.86	524.87	810.23
9	Himachal Pradesh	936.11		9.20	45.04	990.35
10	Jammu & Kashmir	146.34			17.25	163.59
11	Jharkhand	4.05		4.30	52.06	60.41
12	Karnataka	1280.73	4938.60	1888.30	7409.39	15517.02
13	Kerala	236.02	62.50	2.27	272.48	573.27
14	Ladakh	39.64			7.80	47.44
15	Madhya Pradesh	99.71	2519.89	122.75	2539.16	5281.51
16	Maharashtra	380.58	5010.83	2596.99	2394.95	10383.35
17	Manipur	5.45			6.36	11.81
18	Meghalaya	32.53		13.80	0.19	46.52
19	Mizoram	36.47			1.53	38.00
20	Nagaland	30.67			1.00	31.67
21	Odisha	88.63		59.22	401.72	549.57
22	Punjab	173.55		484.20	968.63	1626.38
23	Rajasthan	23.85	4326.82	121.25	6580.70	11052.62
24	Sikkim	52.11			0.07	52.18
25	Tamil Nadu	123.05	9640.54	1019.05	4541.86	15324.50
26	Telangana	90.87	128.10	205.90	3964.60	4389.47
27	Tripura	16.01			9.41	25.42
28	Uttar Pradesh	49.10		2117.26	1840.28	4006.64
29	Uttarakhand	214.32		130.22	398.30	742.84
30	West Bengal	98.50		319.92	149.84	568.26
31	Andaman & Nicobar	5.25			29.22	34.47
32	Chandigarh				49.58	49.58
33	Dadar & Nagar Haveli				5.46	5.46
34	Daman & Diu				40.66	40.66
35	Delhi			52.00	192.97	244.97
36	Lakshwadeep				0.75	0.75
37	Pondicherry				9.33	9.33
38	Others		4.30			4.30
	<b>Total (MW)</b>	<b>4793.81</b>	<b>39486.65</b>	<b>10339.56</b>	<b>42335.49</b>	<b>96955.51</b>