

Government of India  
Ministry of Development of North Eastern Region

**RAJYA SABHA**  
**UNSTARRED QUESTION No. 4021**

To be answered on  
*Thursday, April 7, 2022/ Chaitra 17, 1944 (Saka)*

**QUESTION**  
**Renewable energy in North Eastern Region**

4021. Shri Derek O' Brien:

Will the Minister of Development of North Eastern Region be pleased to state:

- (a) whether it is a fact that 99.51 per cent of the North-East's 66,682 MegaWatt renewable energy capacity is yet to be utilized;
- (b) if so, the details of Government's plan to utilize this potential by 2030; and
- (c) if not, reasons therefor?

**ANSWER**  
**The Minister of the Ministry of Development of North Eastern Region**  
**[Shri G. Kishan Reddy]**

(a) to (c) The renewable energy potential in North Eastern Region (NER) from different sources is estimated to be 1,28,962 MW. As against this, 4,834.58 MW renewable capacity has been installed in NER. The details are given in Table-1 and Table-2 below:-

**Table-1**  
**Estimated potential of Renewable Energy in the North Eastern Region**

S. No.	STATES / UTs	Wind Power	Small Hydro Power	Bio-Energy	Solar Power	Large Hydro Power	Total
		(MW)	(MW)		(MW)	(MW)	(MW)
1	Arunachal Pradesh	274	2064.92	8	8650	50064	61060.92
2	Assam	246	201.99	220	13760	650	15077.99
3	Manipur	0	99.95	15	10630	1761	12505.95
4	Meghalaya	1	230.05	13	5860	2298	8402.05
5	Mizoram	0	168.9	3	9090	2131	11392.9
6	Nagaland	0	182.18	10	7290	1452	8934.18
7	Sikkim	0	266.64	2	4940	4248	9456.64
8	Tripura	0	46.86	5	2080	0	2131.86
	<b>Total (MW)</b>	<b>521</b>	<b>3261.49</b>	<b>276</b>	<b>62300</b>	<b>62604</b>	<b>128962.49</b>

**Table-2**  
**Renewable energy capacity installed in North Eastern Region**

S. No.	STATES / UTs	Small Hydro Power	Bio-Energy	Solar Power	Large Hydro Power	Total installed Capacity
		(MW)	(MW)	(MW)	(MW)	(MW)
1	Arunachal Pradesh	131.11	0	11.23	1115.00	1257.34
2	Assam	34.11	2.00	112.93	350.00	499.34
3	Manipur	5.45	0	12.25	105.00	122.70
4	Meghalaya	32.53	13.80	4.15	322.00	372.48
5	Mizoram	36.47	0	7.88	60.00	104.35
6	Nagaland	30.67	0	3.04	75.00	108.71
7	Sikkim	52.11	0	4.65	2282.00	2338.76
8	Tripura	16.01	0	14.89	0	30.90
	<b>Total (MW)</b>	<b>338.46</b>	<b>15.80</b>	<b>171.02</b>	<b>4309.00</b>	<b>4834.58</b>

Ministry of New and Renewable Energy is targeting achieving 500 GW of installed electricity capacity from non-fossil fuel sources by 2030 for the whole country, including NE states.

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