

1	2	3	4	5	6
15.	Jammu and Kashmir	90	490	450	50
16.	Jharkhand	0	0	40	360
17.	Karnataka	400	2219	1140	299
18.	Kerala	220	700	790	0
19.	Madhya Pradesh	55	435	1280	250
20.	Maharashtra	640	1550	1480	250
21.	Manipur	60	100	190	
22.	Meghalaya	0	110	100	
23.	Mizoram	0	0	0	
24.	Nagaland	0	0	0	
25.	Odisha	0	0	0	
26.	Punjab	0	600	350	100
27.	Rajasthan	0	330	450	200
28.	Sikkim	0	0	0	
29.	Tamil Nadu	0	450	200	
30.	Telangana	940	1750	2050	0
31.	Tripura	600	0	0	
32.	Uttar Pradesh	1550	945	2800	1750
33.	Uttarakhand	50	0	0	0
34.	West Bengal	760	200	790	700
35.	Lakshadweep	0	0	0	
36.	Puducherry	0	0		
TOTAL		8110	11862	14550	4459

#### **Roadmap to augment production of renewable energy**

†934. MS. SAROJ PANDEY: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government has prepared any roadmap to increase the production of renewable energy, if so, the nature of this roadmap; and

†Original notice of the question was received in Hindi.

(b) the details of rise in the generation of renewable energy in the last three years under the said roadmap?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) The Government has 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 bio-power and 5 GW from small hydro-power. It has also laid down a bidding trajectory so as to ensure that all bids for achieving the above targets are completed by March, 2020.

(b) The details of rise in power generation through renewable energy sources during last three years in the country is given below:

Year	Generation (in billion Units)
2015-16	65.78
2016-17	81.55
2017-18	101.84

#### **Boost to indigenous solar manufacturing capacity**

935. SHRI NARESH GUJRAL: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether it is a fact that Government has scaled up its renewable energy capacity target, if so, the additional expenditure over and above the allocated expenditure in the budget;

(b) the portion of this energy capacity from solar projects and the required expenditure for this investment; and

(c) the details of initiatives taken by Government to boost indigenous solar manufacturing capacity as the safeguard duty on Chinese solar panels has been imposed?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) and (b) The Government has 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 capacity. So far, around 73.95 GW of renewable energy capacity has been installed in