

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 378
ANSWERED ON 03.02.2022

INSTALLED CAPACITY OF RENEWABLE ENERGY

378. SHRI BHARTRUHARI MAHTAB

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

- (a) whether the country's total installed renewable energy capacity has crossed 150 GW mark;
- (b) if so, the details thereof;
- (c) whether the Government has a set a target to enhance the renewable energy production by 2022 and if so, the details thereof; and
- (d) the budgetary allocation made in the current financial year for the same; and
- (e) the number of pending and proposed project in the renewable energy sector; State/UT-wise?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) &(b) A total of 151.39 GW of renewable energy capacity (including large hydro) has been installed in the country as on 31-12-2021. The source-wise details are given below:

Source	Installed capacity (as on 31-12-2021) (GW)
Solar	49.35
Wind	40.08
Small Hydro	4.84
Bio Power	10.61
Large Hydro	46.51
Total	151.39

(c) Hon'ble Finance Minister in his budget speech of 2015-16 announced that " the Ministry of New and Renewable Energy has revised its target of renewable energy capacity to 175000 MW till 2022, comprising 100000 MW Solar, 60000 MW Wind, 10000 MW Biomass and 5000 MW Small Hydro".

(d) A total of Rs 7681.80 crore has been allocated at Revised Estimate stage during current financial year i.e.2021-22 for the promotion of renewable energy programmes/schemes in the country.

(e) Renewable energy projects (including large hydro) of 68.98 GW capacity are under various stages of implementation in the country. State-wise details are given in **Annexure**.

Annexure referred to in reply to part (e) of LOK Sabha Un-starred Question No.378 for 3-2-2022 regarding 'Installed Capacity of Renewable Energy'

Details of Renewable Energy projects under implementation

I. Solar Power:

SLNO	State	Capacity (MW)
1.	Andhra Pradesh	750
2.	Assam	100
3	Chhattisgarh	1234.52
4	CPSU Ph II Tr III	5000
5	CPSU Ph-II (Tranche-I)	848.45
6	CPSU Ph-II Tr-II	1054.08
7	Gujarat	2950
8	Haryana	50
9	Kerala	311
10	Ladakh	20
11	Madhya Pradesh	1800
12	Maharashtra	1601
13	Manufacturing Linked(Anywhere)	12000
14	Mizoram	20
15	Odisha	40
16	Rajasthan	11861
17	Tamil Nadu	400
18	Telangana	82.5
19	Uttar Pradesh	437
20	Uttarakhand	165
21	West Bengal	145
	Total	40869.55

II. Wind Power:

Sln0	State	Capacity (MW)
1	Gujarat	4239.1
2	Tamil Nadu	2152.5
3	Maharashtra	373
4	Karnataka	2463.5
5	Madhya Pradesh	424.4
		9652.5

III. Hybrid/RTC Projects:

SLNO	State	Capacity (MW)
1	Rajasthan	2640
2	UT(NDMC & DNH)	400
3	Andhra Pradesh	900
4	Karnataka	300
5	Anywhere	1200
	Total	5440

IV. Small Hydro Power:

S. No.	State	Capacity (MW)
1	Arunachal Pradesh	5
2	Assam	2
3	Gujarat	28.41
4	Himachal Pradesh	90.44
5	UT of Jammu & Kashmir	20.15
6	UT of Laddakh	9.25
7	Karnataka	16.45
8	Kerala	61.50
9	Madhya Pradesh	7.6
10	Maharashtra	8.85
11	Meghalaya	25.5
12	Mizoram	8.5
13	Nagaland	2
14	Odisha	15
15	Punjab	1.75
16	Sikkim	3
17	Uttar Pradesh	1.5
18	Uttarakhand	51.5
Total		358.40

V. Large Hydro:

SLNO	State	Capacity MW)
1	Andhra Pradesh	960
2	Arunachal Pradesh	2000
3	Assam	120
4	Himachal Pradesh	2190
5	Jammu & Kashmir	2559.5
6	Kerala	100
7	Madhya Pradesh	400
8	Maharashtra	80
9	Punjab	206
10	Sikkim	1037
11	Tamil Nadu	500
12	Uttarakhand	2391
13	West Bengal	120
		12663.50