

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 4007
TO BE ANSWERED ON 12.12.2019

SETTING UP OF RENEWABLE ENERGY PLANTS

4007. SHRI NITESH GANGA DEB

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

- (a) whether the Government has any plan to set up renewable energy plants in the country to meet the ever increasing demand for energy;
- (b) if so, the details thereof, State/ UT-wise;
- (c) whether the State of Odisha has been identified for setting up new renewable energy plant during the current year; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) The Government has set a target for 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. A cumulative renewable energy capacity of 83.38 GW of has been installed in the country up to October, 2019. The details of State/ UT-wise installed renewable energy capacity in the country as on 31st October, 2019 are given **Annexure**.

(c) & (d) As per Green Energy Development Corporation of Odisha Ltd (GEDCOL), The Government of Odisha has notified Renewable Energy Policy in November 2016 according to which renewable energy capacity of 2750 MW will be developed in the state by the year 2022 out of which 2200 MW will be from solar.

A total of 414 MW renewable energy capacity has been installed in the state till November 2019. The details are given below:-

Source	Installed Capacity (MW)
Solar	337
Small hydro	57
Bio-power	20
Total	414

Further, The State has planned following Renewable Energy projects:-

1. 275 MW Solar Park in Sambalpur & Boudh districts. DPR approved by MNRE in Jan, 2019. Land acquisition under process.
2. 19 MW grid connected rooftop solar project on government buildings in 17 cities of Odisha. DPR approved by MNRE in Feb, 2019.
3. 8 MW ground mounted solar project on surplus lands available in Baripada, Jayanagar & New Bolangir EHV sub-stations of OPTCL and Mukhiguda & Manmunda power house of OHPC & GEDCOL. Tendering activity under process.
4. Proposal for development of small hydro-electric projects at Kanpur (4.2 MW), Jambhira (3 MW) & Mandira (10 MW) at Keonjhar, Mayurbhanj & Sundargarh districts respectively are under process. DPR prepared for all three SHEPs and tendering activity is under process for Mandira.
5. GEDCOL is taking up with NHPC for development of around 500 MW of floating solar projects.

Annexure

**Annexure referred to in reply to parts (a & b) of Lok Sabha Unstarred Question No. 4007 for
12/12/2019 regarding 'Setting up of Renewable Energy Plants'
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
	Total (MW)	4647.107	37090.020	9946.11	31696.26	83379.50