

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 410
ANSWERED ON 03.02.2022

CAPACITY OF NEW AND RENEWABLE ENERGY PROJECTS

+410. SHRI AJAY NISHAD

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

- (a) whether any survey has been conducted by the Government to increase the capacity of new and renewable energy projects in the country, especially in Bihar and if so, the details thereof;
- (b) the total number of projects sanctioned in the country during the last three years and the current year, State-wise including Bihar; and
- (c) the steps taken by the Government to provide technical and financial assistance to the unemployed skilled persons who want to set up solar power plants in the country, especially in Bihar?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER
(SHRI R.K. SINGH)

(a)&(b) An aggregate potential of over 1636 GW Renewable Energy (including large hydro) has been estimated in the country. The State-wise estimated potential of renewable energy capacity including in the State of Bihar is placed as **Annexure-A**. During the last three years and the current year, projects were sanctioned to States/UTs including in the state of Bihar under various schemes and programmes being implemented by the Ministry of New and Renewable Energy. Renewable energy projects of over 35.39 GW capacity have been installed in the country, including in the state of Bihar, during the said period. The state-wise and source-wise details are placed as **Annexure-B**.

(c)The Ministry of New and Renewable Energy (MNRE) launched Suryamitra Skill Development Programme in 2015 for creating skilled manpower for installation, operation and maintenance of solar power projects. The programme is implemented through National Institute of Solar Energy. The duration of the Suryamitra Skill Development Programme is three months and MNRE provides 100% financial support for this residential programme as per Ministry of Skill Development and Entrepreneurship norms.

Out of a total of 50537 Suryamitras trained in the country up to December 2021, a total 1887 Suryamitras have been trained in the state of Bihar.

Annexure-A referred to reply of part (a) and (b) of the Lok Sabha unstarred question no. 410 to be answered on 03.02.2022 on Capacity of New and Renewable Energy Projects

State wise Renewable Energy potential including Large Hydro

Sl. No.	STATES / UTs	Potential (MW)
1	Andhra Pradesh	118017
2	Arunachal Pradesh	61061
3	Assam	15078
4	Bihar	16409
5	Chhattisgarh	22178
6	Goa	973
7	Gujarat	180805
8	Haryana	6857
9	Himachal Pradesh	56065
10	Jammu & Kashmir	126416
11	Jharkhand	19090
12	Karnataka	160621
13	Kerala	13527
14	Madhya Pradesh	81296
15	Maharashtra	170058
16	Manipur	12506
17	Meghalaya	8402
18	Mizoram	11392
19	Nagaland	8934
20	Orissa	37662
21	Punjab	8154
22	Rajasthan	271702
23	Sikkim	9457
24	Tamil Nadu	90388
25	Telangana	46446
26	Tripura	2131
27	Uttar Pradesh	27098
28	Uttarakhand	36545
29	West Bengal	11075
30	Andaman & Nicobar	1284
31	Chandigarh	6
32	DNH and DD	0
33	Delhi	2181
34	Lakshwadeep	31
35	Pondicherry	385
36	Others	1812
	Total	1636043

Annexure-B referred to reply of part (a) and (b) of the Lok Sabha unstarred question no. 410 to be answered on 03.02.2022 on Capacity of New and Renewable Energy Projects

State-wise and source-wise Renewable Power (including large hydro) Capacity addition in MW during last three Years and Current Year (Upto Dec, 2021)

S. No.	States/ UTs	Small Hydro Power	Wind Power	Bio Power	Solar Power	Large Hydro	Total
1	Andhra Pradesh	0	129.7	27.45	2122.78	0	2279.93
2	Arunanchal Pradesh	26.5	0	0	3.84	710	740.34
3	Assam	0	0	2	49.29	0	51.29
4	Bihar	0	0	3.5	37.27	0	40.77
5	Chhattisgarh	0	0	44.17	142.99	0	187.16
6	Goa	0	0	0.34	17.46	0	17.8
7	Gujarat	56.29	3394.3	26.14	4621.18	0	8097.91
8	Haryana	0	0	15.91	560.48	0	576.39
9	Himachal Pradesh	101	0	2	58.46	111	272.46
10	Jammu & Kashmir	5.29	0	0	32.48	0	37.77
11	Jharkhand	0	0	0	49.48	0	49.48
12	Karnataka	50	468.8	122.34	2561.87	0	3203.01
13	Kerala	23.5	10	1.55	198.8	0	233.85
14	Ladakh	0	0	0	0	0	0
14	Madhya Pradesh	13.55	0	6.52	1351.18	0	1371.25
15	Maharashtra	7.405	228.9	408.45	1289.23	0	1933.985
16	Manipur	0	0	0	7.37	0	7.37
17	Meghalaya	1.5	0	0	2.11	0	3.61
18	Mizoram	0	0	0	4.19	0	4.19
19	Nagaland	0	0	0	0.2	0	0.2
20	Orissa	42.005	0	0	332.35	0	374.355
21	Punjab	2.55	0	157.85	185.03	0	345.43
22	Rajasthan	0	29.1	-0.05	7639.3	0	7668.35
23	Sikkim	0	0	0	2.78	213	215.78
24	Tamil Nadu	0	1649.6	62.39	2860.4	0	4572.39
25	Telangana	0	27.3	38.73	863.83	30	959.86
26	Tripura	0	0	0	6.35	0	6.35
27	Uttar Pradesh	24	0	14.34	1369.13	0	1407.47
28	Uttarakhand	0	0	0.31	282.77	99	382.08
29	West Bengal	0	0	1.36	114.08	0	115.44
30	Andaman & Nicobar	0	0	0	22.69	0	22.69
31	Chandigarh	0	0	0	27.44	0	27.44
32	DNH and DD	0	0	0	30.11	0	30.11
33	Delhi	0	0	0	140.09	0	140.09
34	Lakshwadeep	0	0	0	0.13	0	0.13
35	Pondicherry	0	0	0	11.71	0	11.71
36	Others	0	0.00	0	1.65	0	1.65
	Total	353.59	5937.7	935.3	27000.5	1163	35390.1