

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 294
ANSWERED ON 19.07.2022

SETTING UP OF NEW AND RENEWABLE ENERGY POWER PLANTS

294#. MS. SAROJ PANDEY

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

- (a) the number of new and renewable energy power plants set up during the last five years and total megawatt of electricity being generated from the said plants every year; and
- (b) the number of such plants Government proposes to set up in future and the locations where these plants would be set up?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) The State-wise and year-wise details of renewable energy capacity addition (including large hydro) in the country during the last five years & current year i.e. from 2017-18 to 2022-23 (upto June 2022) are given in **Annexure-I**.

The state-wise details of power generation from various renewable energy sources (including large hydro) during last five years and current year i.e. 2017-18 to 2022-23 (upto May 2022) are given in **Annexure-II**.

(b) The details of renewable energy capacity (including large hydro) under various stages of implementation in the country are given in **Annexure-III**.

Annexure-I

Annexure-I referred to in reply to part (a) of Rajya Sabha Unstarred Question No. 294 for 19/07/2022 regarding 'Setting up of new and renewable energy power plants'

State-wise and year-wise details of renewable energy capacity addition (including large hydro) in the country during the last five years & current year i.e. from 2017-18 to 2022-23 (upto June 2022)

S. No.	States/ Uts	Small Hydro Power	Wind Power	Bio Power	Solar Power	Large Hydro
1	Andhra Pradesh	11.00	477.80	10.45	2498.50	0.00
2	Arunachal Pradesh	28.50	0.00	0.00	9.02	710.00
3	Assam	0.00	0.00	2.00	129.02	0.00
4	Bihar	0.00	0.00	3.82	73.89	0.00
5	Chhattisgarh	0.00	0.00	44.17	351.41	0.00
6	Goa	0.00	0.00	0.34	20.71	0.00
7	Gujarat	72.79	4078.80	29.27	6528.61	0.00
8	Haryana	0.00	0.00	72.91	854.18	0.00
9	Himachal Pradesh	122.30	0.00	2.00	74.10	503.00
10	Jammu & Kashmir	26.29	0.00	0.00	42.04	330.00
11	Jharkhand	0.00	0.00	0.00	55.53	0.00
12	Karnataka	55.00	1430.75	424.32	6552.62	0.00
13	Kerala	53.50	11.00	1.55	447.20	0.00
14	Ladakh	0.00	0.00	0.00	0.00	0.00
14	Madhya Pradesh	13.55	22.10	21.35	1878.06	0.00
15	Maharashtra	34.91	241.50	513.32	2292.61	0.00
16	Manipur	0.00	0.00	0.00	10.58	0.00
17	Meghalaya	1.50	0.00	0.00	2.62	40.00
18	Mizoram	0.00	0.00	0.00	5.46	60.00
19	Nagaland	1.00	0.00	0.00	0.70	0.00
20	Orissa	51.01	0.00	0.00	358.81	0.00
21	Punjab	5.20	0.00	177.85	316.33	0.00
22	Rajasthan	0.00	214.10	0	12546.71	0.00
23	Sikkim	3.00	0.00	0.00	2.82	306.00
24	Tamil Nadu	0.00	2004.91	116.03	3962.27	0.00
25	Telangana	0.00	27.30	57.23	3327.94	90.00
26	Tripura	0.00	0.00	0.00	7.56	0.00
27	Uttar Pradesh	24.00	0.00	45.08	1855.75	0.00
28	Uttarakhand	9.50	0.00	0.31	331.51	219.00
29	West Bengal	0.00	0.00	1.36	137.31	0.00
30	Andaman & Nicobar	0.00	0.00	0.00	23.11	0.00
31	Chandigarh	0.00	0.00	0.00	38.72	0.00
32	Dadar & Nagar Haveli	0.00	0.00	0.00	2.49	0.00
33	Daman & Diu	0.00	0.00	0.00	30.55	0.00
34	Delhi	0.00	0.00	43.00	169.39	0.00
35	Lakshwadeep	0.00	0.00	0.00	0.29	0.00
36	Pondicherry	0.00	0.00	0.00	35.27	0.00
37	Others	0.00	0.00	0.00	0.00	0.00
	Total	513.04	8508.26	1566.26	44973.69	2258.00

Annexure-II

Annexure-II referred to in reply to part (a) of Rajya Sabha Unstarred Question No. 294 for 19/07/2022 regarding 'Setting up of new and renewable energy power plants'

State-wise details of power generation from various renewable energy sources (including large hydro) during last five years and current year i.e. 2017-18 to 2022-23 (upto May 2022)

(All fig. in MUs)									
All India RE Generation Year 2017-18									
Name of State/UT	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	Large Hydro *	Total RE including Large Hydro
Chandigarh	0.00	7.87	0.00	0.00	0.00	0.00	7.87	0.00	7.87
Delhi	0.00	13.41	0.00	0.00	0.00	227.69	241.10	0.00	241.10
Haryana	0.00	71.50	195.66	90.10	210.29	0.00	567.55	0.00	567.55
HP	0.00	0.00	0.00	0.00	1903.05	0.00	1903.05	38783.00	40686.05
J & K	0.00	0.00	0.00	0.00	324.37	0.00	324.37	14937.56	15261.93
Ladkh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Punjab	0.00	1432.07	489.68	204.50	217.62	0.00	2343.87	4724.30	7068.17
Rajasthan	5752.90	3925.33	340.84	0.00	8.69	0.00	10027.76	819.53	10847.29
Uttar Pradesh	0.00	680.71	129.30	3809.79	30.18	0.00	4649.98	1486.69	6136.67
Uttarakhand	0.00	291.08	0.00	143.81	749.61	0.00	1184.50	13983.61	15168.11
Chhattisgarh	0.00	135.82	909.73	0.00	22.94	0.00	1068.49	178.07	1246.56
Gujarat	9736.00	2048.40	32.65	0.00	42.93	0.00	11859.98	1551.92	13411.90
Madhya Pradesh	4220.09	2252.07	21.94	54.17	124.11	41.14	6713.52	2586.81	9300.33
Maharashtra	6541.15	1100.67	539.11	3228.72	627.12	0.01	12036.78	4861.12	16897.90
Dadra and Nagar Haveli	0.00	5.24	0.00	0.00	0.00	0.00	5.24	0.00	5.24
Daman & Diu	0.00	18.53	0.00	0.00	0.00	0.00	18.53	0.00	18.53
Goa		0.00					0.00	0.00	0.00
Andhra Pradesh	6354.00	4070.17	206.48	189.03	181.69	7.18	11008.55	2268.80	13277.35
Telangana	195.29	4029.43	175.48	114.02	51.27	82.43	4647.92	1491.97	6139.89
Karnataka	7410.20	2391.74	135.60	1921.96	1604.41	0.00	13463.91	7142.62	20606.53
Kerala	98.46	55.35	0.00	0.00	620.52	0.00	774.33	5199.26	5973.59
Tamil Nadu	12358.00	2906.01	178.33	551.40	186.14	0.00	16179.88	2919.60	19099.48
Lakshadweep	0.00	1.58	0.00	0.00	0.00	0.00	1.58	0.00	1.58
Puducherry	0.00	1.17	0.00	0.00	0.00	0.00	1.17	0.00	1.17
Andaman Nicobar	0.00	13.16	0.00	0.00	12.77	0.00	25.93	0.00	25.93
Bihar	0.00	145.34	2.93	152.84	7.95	0.00	309.06	0.00	309.06
Jharkhand	0.00	19.47	0.00	0.00	9.47	0.00	28.94	332.32	361.26
Orissa	0.00	218.95	47.22	0.00	265.57	0.00	531.74	6022.99	6554.73
Sikkim	0.00	0.00	0.00	0.00	30.54	0.00	30.54	8887.99	8918.53
West Bengal	0.00	20.55	0.00	1387.01	183.05	0.00	1590.61	2278.45	3869.06
Arunachal Pradesh	0.00	0.23	0.00	0.00	0.47	0.00	0.70	1416.74	1417.44
Assam	0.00	8.36	0.00	0.00	16.13	0.00	24.49	1918.58	1943.07
Manipur	0.00	0.15	0.00	0.00	0.00	0.00	0.15	837.74	837.89
Meghalaya	0.00	0.00	0.00	0.00	70.56	0.00	70.56	1140.26	1210.82
Mizoram	0.00	0.00	0.00	0.00	54.67	0.00	54.67	78.37	133.04
Nagaland	0.00	0.00	0.00	0.00	91.00	0.00	91.00	274.39	365.39
Tripura	0.00	6.71	0.00	0.00	44.46	0.00	51.17	0.00	51.17
All India Total	52666.09	25871.07	3404.95	11847.35	7691.58	358.45	101839.49	126122.69	227962.18

All India RE Generation Year 2018-19									
Name of State/UT	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	Large Hydro *	Total RE including Large Hydro
Chandigarh	0.00	13.51	0.00	0.00	0.00	0.00	13.51	0.00	13.51
Delhi	0.00	10.83	0.00	0.00	0.00	276.81	287.64	0.00	287.64
Haryana	0.00	72.47	192.68	146.37	250.84	0.00	662.36	0.00	662.36
HP	0.00	0.00	0.00	0.00	2287.93	0.00	2287.93	35908.55	38196.48
J & K	0.00	0.00	0.00	0.00	312.20	0.00	312.20	16387.07	16699.27
Ladkh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	154.51	154.51
Punjab	0.00	1492.90	355.90	245.18	351.22	0.00	2445.20	4335.40	6780.60
Rajasthan	6403.78	5109.35	345.09	0.00	5.18	0.00	11863.40	698.40	12561.80
Uttar Pradesh	0.00	1235.08	104.04	4324.40	31.29	0.00	5694.81	1176.36	6871.17
Uttarakhand	0.00	318.29	0.00	109.89	676.79	0.00	1104.97	13741.12	14846.09
Chhattisgarh	0.00	335.15	529.89	0.00	80.05	0.00	945.10	243.08	1188.18
Gujarat	11389.29	2410.32	75.28	5.09	86.19	0.00	13966.18	1042.81	15008.99
Madhya Pradesh	4965.95	2982.29	2.01	110.33	145.47	51.11	8257.15	3396.67	11653.82
Maharashtra	7575.14	2206.62	445.98	3987.27	759.07	0.80	14974.88	5076.86	20051.74
Dadra and Nagar Haveli	0.00	5.76	0.00	0.00	0.00	0.00	5.76	0.00	5.76
Daman & Diu	0.00	18.94	0.00	0.00	0.00	0.00	18.94	0.00	18.94
Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Andhra Pradesh	8869.85	4965.96	201.86	312.45	193.12	7.27	14550.51	2272.94	16823.45
Telangana	274.83	6312.26	152.24	166.20	51.17	89.29	7045.99	1744.61	8790.60
Karnataka	9778.25	7575.83	155.02	2345.35	1803.09	0.00	21657.54	12187.69	33845.23
Kerala	107.94	110.84	0.00	0.00	551.55	0.00	770.32	7320.21	8090.53
Tamil Nadu	12600.85	3554.50	127.16	268.01	347.97	0.00	16898.49	5281.59	22180.08
Lakshadweep	0.00	1.11	0.00	0.00	0.00	0.00	1.11	0.00	1.11
Puducherry	0.00	2.58	0.00	0.00	0.00	0.00	2.58	0.00	2.58
Andaman Nicobar	0.00	13.86	0.00	0.00	16.57	0.00	30.43	0.00	30.43
Bihar	12.28	179.89	10.59	257.64	27.74	0.00	488.14	0.00	488.14
Jharkhand	0.00	19.15	0.00	0.81	1.76	0.00	21.72	180.98	202.70
Orissa	58.23	263.03	66.08	0.00	266.10	0.00	653.43	6777.45	7430.88
Sikkim	0.00	0.00	0.00	0.00	28.11	0.00	28.11	9022.07	9050.18
West Bengal	0.00	40.65	0.00	1283.69	161.85	0.00	1486.19	2919.81	4406.00
Arunachal Pradesh	0.00	1.20	0.00	0.00	0.55	0.00	1.75	1399.02	1400.77
Assam	0.00	6.67	0.00	0.00	14.06	0.00	20.73	1694.36	1715.09
Manipur	0.00	1.88	0.00	0.00	0.00	0.00	1.88	602.61	604.49
Meghalaya	0.00	0.00	0.00	0.00	50.51	0.00	50.51	929.53	980.04
Mizoram	0.00	0.12	0.00	0.00	39.96	0.00	40.08	168.44	208.52
Nagaland	0.00	0.00	0.00	0.00	87.46	0.00	87.46	231.47	318.93
Tripura	0.00	7.14	0.00	0.00	74.94	0.00	82.08	0.00	82.08
All India Total	62036.38	39268.19	2763.82	13562.67	8702.75	425.28	126759.09	134893.61	261652.70
All India RE Generation Year 2019-20									
Name of State/UT	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	Large Hydro*	Total RE including Large Hydro
Chandigarh	0.00	13.33	0.00	0.00	0.00	0.00	13.33	0.00	13.33
Delhi	0.00	136.30	0.00	0.00	0.00	287.37	423.67	0.00	423.67
Haryana	0.00	125.14	186.90	94.57	326.89	0.00	733.50	0.00	733.50

HP	0.00	11.66	0.00	0.00	2155.58	0.00	2167.24	40834.88	43002.12
J & K	0.00	0.00	0.00	0.00	443.13	0.00	443.13	18094.12	18537.25
Ladkh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270.28	270.28
Punjab	16.90	1358.22	398.37	252.85	712.77	0.32	2739.43	5123.48	7862.91
Rajasthan	6155.80	7776.56	389.94	0.00	9.75	0.00	14332.06	606.18	14938.24
Uttar Pradesh	0.00	1447.05	129.63	3530.10	36.43	0.00	5143.20	1073.48	6216.68
Uttarakhand	0.00	341.51	0.00	110.26	742.19	0.00	1193.95	14554.53	15748.48
Chhattisgarh	0.00	326.42	679.70	0.00	101.75	0.00	1107.87	236.79	1344.66
Gujarat	13748.53	3631.86	107.03	15.95	194.80	18.77	17716.93	5414.68	23131.61
Madhya Pradesh	4425.99	3496.23	1.81	95.66	246.16	32.02	8297.88	6281.74	14579.62
Maharashtra	7984.27	2372.68	411.99	2520.45	695.56	0.84	13985.79	5880.58	19866.37
Dadra and Nagar Haveli	0.00	6.19	0.00	0.00	0.00	0.00	6.19	0.00	6.19
Daman & Diu	0.00	21.83	0.00	0.00	0.00	0.00	21.83	0.00	21.83
Goa	0.00	0.82	0.00	0.00	0.00	0.00	0.82	0.00	0.82
Andhra Pradesh	7626.63	5855.11	147.47	58.49	298.19	7.31	13993.20	3013.43	17006.63
Telangana	238.25	6263.92	124.30	102.23	46.29	19.25	6794.23	4507.04	11301.27
Karnataka	10148.66	11221.20	171.27	2205.38	1901.91	0.00	25648.42	14014.27	39662.69
Kerala	119.76	143.59	0.00	11.03	530.36	0.00	804.74	5454.04	6258.78
Tamil Nadu	14126.93	4946.63	103.78	350.79	235.76	0.00	19763.89	4765.24	24529.13
Lakshadweep	0.00	0.66	0.00	0.00	0.00	0.00	0.66	0.00	0.66
Puducherry	0.00	4.14	0.00	0.00	0.00	0.00	4.14	0.00	4.14
Andaman Nicobar	0.00	11.60	0.00	0.00	5.70	0.00	17.30	0.00	17.30
Bihar	0.00	160.16	19.19	160.35	18.98	0.00	358.68	0.00	358.68
Jharkhand	0.00	17.47	0.00	1.28	5.43	0.00	24.17	150.96	175.13
Orissa	54.66	362.29	66.59	0.00	299.65	0.00	783.20	6728.77	7511.97
Sikkim	0.00	0.00	0.00	0.00	60.62	0.00	60.62	11027.36	11087.98
West Bengal	0.00	64.29	0.00	1295.07	115.68	0.00	1475.04	2916.38	4391.42
Arunachal Pradesh	0.00	1.60	0.00	0.00	0.64	0.00	2.24	1786.46	1788.70
Assam	0.00	6.14	0.00	0.00	52.63	0.00	58.77	1291.68	1350.45
Manipur	0.00	2.63	0.00	0.00	1.57	0.00	4.20	366.59	370.79
Meghalaya	0.00	0.00	0.00	0.00	62.73	0.00	62.73	1018.29	1081.02
Mizoram	0.00	0.44	0.00	0.00	49.56	0.00	50.00	177.02	227.02
Nagaland	0.00	0.00	0.00	0.00	75.87	0.00	75.87	180.85	256.72
Tripura	0.00	3.43	0.00	0.00	24.67	0.00	28.10	0.00	28.10
All India Total	64646.38	50131.09	2937.97	10804.46	9451.24	365.88	138337.02	155769.12	294106.14

All India RE Generation Year 2020-21

Name of State/UT	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	Large Hydro*	Total RE including Large Hydro
Chandigarh	0.00	10.16	0.00	0.00	0.00	0.00	10.16	0.00	10.16
Delhi	0.00	189.99	0.00	0.00	0.00	236.71	426.70	0.00	426.70
Haryana	0.00	162.95	178.88	142.34	276.58	0.00	760.75	0.00	760.75
HP	0.00	36.52	0.00	0.00	2123.78	0.00	2160.30	37473.47	39633.77
J & K	0.00	9.42	0.00	0.00	429.88	0.00	439.29	17002.68	17441.97
Ladkh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376.21	376.21
Punjab	0.00	1356.48	585.99	231.50	690.33	0.17	2864.47	4747.03	7611.50
Rajasthan	5708.27	10384.24	413.24	0.00	10.64	0.00	16516.38	469.63	16986.01
Uttar Pradesh	0.00	1856.19	135.82	3590.87	164.91	0.00	5747.78	1572.35	7320.13
Uttarakhand	0.00	329.64	0.00	85.33	821.88	0.00	1236.85	13592.49	14829.34
Chhattisgarh	0.00	370.80	1089.32	28.25	145.52	0.00	1633.89	419.19	2053.08
Gujarat	13058.52	4633.81	43.15	19.37	211.94	10.61	17977.39	4233.36	22210.75

Madhya Pradesh	3913.45	4202.03	0.48	82.57	281.76	37.57	8517.86	6477.33	14995.19
Maharashtra	6384.74	3089.46	328.23	3627.43	802.71	0.10	14232.67	5548.46	19781.13
Dadra and Nagar Haveli	0.00	11.96	0.00	0.00	0.00	0.00	11.96	0.00	11.96
Daman & Diu	0.00	29.52	10.53	0.00	0.00	0.00	40.04	0.00	40.04
Goa	0.00	1.46	0.00	0.00	0.00	0.00	1.46	0.00	1.46
Andhra Pradesh	6557.75	6956.10	135.21	67.66	351.23	65.88	14133.83	3280.12	17413.95
Telangana	220.91	6351.04	164.11	61.00	67.27	69.05	6933.37	3645.38	10578.75
Karnataka	9610.91	13238.86	211.79	2589.09	2199.68	0.00	27850.33	12587.35	40437.68
Kerala	130.42	275.44	0.00	45.68	640.58	0.01	1092.12	6628.39	7720.51
Tamil Nadu	14564.99	6115.48	152.23	581.57	244.77	0.00	21659.05	5212.71	26871.76
Lakshadweep	0.00	0.45	0.00	0.00	0.00	0.00	0.45	0.00	0.45
Puducherry	0.00	6.39	0.00	0.00	0.00	0.00	6.39	0.00	6.39
Andaman Nicobar	0.00	24.82	0.00	0.00	14.69	0.00	39.51	0.00	39.51
Bihar	0.00	160.63	21.30	1.48	43.20	0.00	226.61	0.00	226.61
Jharkhand	0.00	17.16	0.00	0.00	9.31	0.00	26.47	223.09	249.56
Orissa	0.00	476.26	42.71	0.00	358.80	0.00	877.77	6859.97	7737.74
Sikkim	0.00	0.00	0.00	0.00	55.96	0.00	55.96	10879.50	10935.46
West Bengal	0.00	73.92	0.00	148.73	107.06	1200.99	1530.70	3212.28	4742.98
Arunachal Pradesh	0.00	1.54	0.00	0.00	0.55	0.00	2.10	3451.34	3453.44
Assam	0.00	13.37	0.00	0.00	38.15	0.00	51.51	270.87	322.38
Manipur	0.00	7.71	0.00	0.00	0.00	0.00	7.71	621.62	629.33
Meghalaya	0.00	0.00	0.00	0.00	56.79	0.00	56.79	1151.99	1208.78
Mizoram	0.00	2.45	0.00	0.00	31.07	0.00	33.52	158.85	192.37
Nagaland	0.00	0.00	0.00	0.00	69.77	0.00	69.77	203.86	273.63
Tripura	0.00	6.04	0.00	0.00	9.58	0.00	15.62	0.00	15.62
All India Total	60149.95	60402.26	3512.98	11302.85	10258.41	1621.06	147247.51	150299.52	297547.03

All India RE Generation Year 2021-22

Name of State/UT	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	Large Hydro*	Total RE including Large Hydro
Chandigarh	0.00	14.19	0.00	0.00	0.00	0.00	14.19	0.00	14.19
Delhi	0.00	225.84	0.00	0.00	0.00	232.89	458.73	0.00	458.73
Haryana	0.00	572.85	171.60	96.75	270.13	24.09	1135.42	0.00	1135.42
HP	0.00	44.29	0.00	0.00	1999.47	0.00	2043.76	36459.64	38503.40
J & K	0.00	1.71	0.00	0.00	414.10	0.00	415.81	17074.02	17489.83
Ladkh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	405.98	405.98
Punjab	0.00	1473.41	576.83	208.30	983.37	0.24	3242.15	3709.73	6951.88
Rajasthan	6493.19	17219.88	378.40	0.00	7.85	0.00	24099.31	481.84	24581.15
Uttar Pradesh	0.00	2900.41	85.20	3160.39	162.54	20.40	6328.94	1402.68	7731.62
Uttarakhand	0.00	301.60	0.00	244.02	326.70	0.00	872.32	14332.13	15204.45
Chhattisgarh	0.00	436.56	1307.27	8.70	185.67	0.00	1938.21	404.13	2342.34
Gujarat	17854.77	6774.50	0.00	18.16	192.10	0.00	24839.53	2621.51	27461.04
Madhya Pradesh	4346.66	4006.70	25.35	82.20	221.43	34.40	8716.73	4686.72	13403.45
Maharashtra	7085.98	3187.18	316.79	4468.31	787.16	0.22	15845.64	6007.38	21853.02
Dadra and Nagar Haveli	0.00	49.16	0.00	0.00	0.00	0.00	49.16	0.00	49.16
Daman & Diu	0.00	35.35	12.32	0.00	0.00	0.00	47.67	0.00	47.67
Goa	0.00	15.93	0.00	0.00	0.00	0.89	16.82	0.00	16.82

Andhra Pradesh	7134.58	7832.51	104.85	72.70	384.08	133.88	15662.61	3113.83	18776.44
Telangana	275.69	6536.94	111.13	103.95	91.00	227.20	7345.89	5626.63	12972.52
Karnataka	9491.62	13169.43	174.08	3338.24	2460.91	0.00	28634.28	13936.46	42570.74
Kerala	136.41	496.93	0.00	48.92	932.37	0.00	1614.62	9317.44	10932.06
Tamil Nadu	15821.18	7172.88	116.66	657.40	293.17	0.00	24061.28	5212.07	29273.35
Lakshadweep	0.00	0.30	0.00	0.00	0.00	0.00	0.30	0.00	0.30
Puducherry	0.00	12.24	0.00	0.00	0.00	0.00	12.24	0.00	12.24
Andaman Nicobar	0.00	21.51	0.00	0.00	13.26	0.00	34.77	0.00	34.77
Bihar	0.00	163.08	2.14	65.84	8.77	0.00	239.83	0.00	239.83
Jharkhand	0.00	18.21	0.00	0.00	10.49	0.00	28.71	547.96	576.67
Orissa	0.00	603.71	100.08	0.00	377.32	0.00	1081.10	5230.63	6311.73
Sikkim	0.00	0.00	0.00	0.00	12.35	0.00	12.35	11493.90	11506.25
West Bengal	0.00	98.24	0.00	0.00	152.90	1593.96	1845.09	3189.84	5034.93
Arunachal Pradesh	0.00	1.72	0.00	0.00	0.41	0.00	2.13	4161.28	4163.41
Assam	0.00	81.64	0.00	0.00	40.46	0.00	122.10	676.24	798.34
Manipur	0.00	6.72	0.00	0.00	0.00	0.00	6.72	455.48	462.20
Meghalaya	0.00	0.47	0.00	0.00	44.21	0.00	44.68	841.82	886.50
Mizoram	0.00	1.68	0.00	0.00	26.41	0.00	28.09	137.44	165.53
Nagaland	0.00	0.00	0.00	0.00	63.47	0.00	63.47	100.55	164.02
Tripura	0.00	6.18	0.00	0.00	1.44	0.00	7.62	0.00	7.62
All India Total	60149.95	73483.94	3482.70	12573.88	10463.55	2268.17	170912.30	151627.33	322539.63

All India RE Generation Year 2022-23 (Upto May-22)

Name of State/UT	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	Large Hydro*	Total RE including Large Hydro
Chandigarh	0.00	3.04	0.00	0.00	0.00	0.00	3.04	0.00	3.04
Delhi	0.00	42.68	0.00	0.00	0.00	43.64	86.32	0.00	86.32
Haryana	0.00	126.08	59.40	41.92	44.32	9.10	280.82	0.00	280.82
HP	0.00	11.66	0.00	0.00	380.72	0.00	392.38	6010.28	6402.66
J & K	0.00	0.00	0.00	0.00	82.76	0.00	82.76	3814.03	3896.79
Ladkh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.31	58.31
Punjab	0.00	353.64	96.95	39.15	98.43	0.00	588.17	506.40	1094.57
Rajasthan	1560.06	5509.88	62.38	0.00	0.20	0.00	7132.52	55.58	7188.10
Uttar Pradesh	0.00	663.99	16.23	543.45	29.32	7.90	1260.89	119.37	1380.26
Uttarakhand	0.00	55.30	0.00	41.42	58.90	0.00	155.62	2388.14	2543.76
Chhattisgarh	0.00	89.60	243.69	0.60	10.04	0.00	343.94	48.83	392.77
Gujarat	4488.44	1767.58	0.00	2.86	27.49	2.24	6288.61	339.38	6627.99
Madhya Pradesh	1204.24	841.85	5.36	21.94	22.90	7.58	2103.87	567.09	2670.96
Maharashtra	1440.07	665.26	52.18	877.53	136.44	0.13	3171.60	1557.61	4729.21
Dadra and Nagar Haveli	0.00	6.72	1.61	0.00	0.00	0.00	8.33	0.00	8.33
Daman & Diu	0.00	4.87	0.81	0.00	0.00	0.00	5.67	0.00	5.67
Goa	0.00	0.84	0.00	0.00	0.00	0.85	1.69	0.00	1.69
Andhra Pradesh	1300.76	1459.91	15.85	38.56	27.76	42.10	2884.94	288.38	3173.32
Telangana	41.10	1229.99	10.84	7.15	3.99	29.62	1322.68	116.10	1438.78
Karnataka	1514.43	2551.03	24.74	413.72	178.61	0.00	4682.52	2462.00	7144.52
Kerala	16.57	103.63	0.00	6.34	120.57	0.00	247.10	1378.26	1625.36
Tamil Nadu	2734.84	1431.92	19.75	129.67	13.54	0.00	4329.72	483.34	4813.06
Lakshadweep	0.00	0.03	0.00	0.00	0.00	0.00	0.03	0.00	0.03
Puducherry	0.00	2.04	0.00	0.00	0.00	0.00	2.04	0.00	2.04

Andaman Nicobar	0.00	5.38	0.00	0.00	1.46	0.00	6.84	0.00	6.84
Bihar	0.00	32.28	0.00	0.00	0.00	0.00	32.28	0.00	32.28
Jharkhand	0.00	3.73	0.00	0.00	0.00	0.00	3.73	14.70	18.43
Orissa	0.00	129.01	13.89	0.00	32.00	0.00	174.90	810.00	984.90
Sikkim	0.00	0.00	0.00	0.00	2.06	0.00	2.06	1898.19	1900.25
West Bengal	0.00	21.96	0.00	0.00	28.04	279.62	329.63	521.12	850.75
Arunachal Pradesh	0.00	8.38	0.00	0.00	0.84	0.00	9.22	666.25	675.47
Assam	0.00	26.09	0.00	0.00	7.23	0.00	33.32	46.68	80.00
Manipur	0.00	1.35	0.00	0.00	0.00	0.00	1.35	72.00	73.35
Meghalaya	0.00	0.00	0.00	0.00	8.52	0.00	8.52	177.84	186.36
Mizoram	0.00	0.66	0.00	0.00	0.00	0.00	0.66	6.27	6.93
Nagaland	0.00	0.00	0.00	0.00	10.96	0.00	10.96	15.72	26.68
Tripura	0.00	1.12	0.00	0.00	0.00	0.00	1.12	0.00	1.12
All India Total	14300.49	17151.49	623.67	2164.31	1327.09	422.78	35989.83	24421.87	60411.70
* Large hydro generation Excluding Import from Bhutan									

Annexure-III

Annexure-III referred to in reply to part (b) of Rajya Sabha Unstarred Question No. 294 for 19/07/2022 regarding 'Setting up of new and renewable energy power plants'

Details of renewable energy capacity (including large hydro) under various stages of implementation in the country

I. Solar Power:

S. No	State	Capacity (MW)
1	Andhra Pradesh	2250.00
2	Assam	55.00
3	Bihar	255.00
4	Chhattisgarh	1861.76
5	Gujarat	6118.33
6	Karnataka	2181.00
7	Kerala	312.63
8	Ladakh	20.00
9	Madhya Pradesh	1925.00
10	Maharashtra	2196.64
11	Mizoram	20.00
12	Odisha	40.00
13	Rajasthan	23541.98
14	Tamil Nadu	935.02
15	Telangana	101.00
16	Uttar Pradesh	527.00
17	Uttarakhand	160.00
18	West Bengal	145.00
19	Anywhere in India	6060
Total		48705.36

II. Wind Power:

Sl.no	State	Capacity (MW)
1	Gujarat	4176
2	Tamil Nadu	2042
3	Maharashtra	775
4	Karnataka	3586
5	Madhya Pradesh	424
6	Rajasthan	556
		11559

III. Small Hydro Power:

S. No.	State	Capacity (MW)
1	Arunachal Pradesh	4.65
2	Gujarat	23.91
3	Himachal Pradesh	183.09
4	UT of Jammu & Kashmir	20.15
5	UT of Laddakh	9.25
6	Karnataka	16.45
7	Kerala	37.5
8	Madhya Pradesh	7.6
9	Maharashtra	8.35
10	Meghalaya	25.5
11	Mizoram	8.5
12	Nagaland	1
13	Punjab	1.75
14	Uttar Pradesh	1.5
15	Uttarakhand	51.5
Total		400.70

IV. Large Hydro:

SLNO	State	Capacity MW)
1	Andhra Pradesh	2160
2	Arunachal Pradesh	2000
3	Assam	120
4	Himachal Pradesh	2010
5	Jammu & Kashmir	3099.5
6	Kerala	100
7	Madhya Pradesh	400
8	Maharashtra	80
9	Punjab	206
10	Sikkim	1037
11	Tamil Nadu	500
12	Uttarakhand	2271
13	West Bengal	120
		14103.50