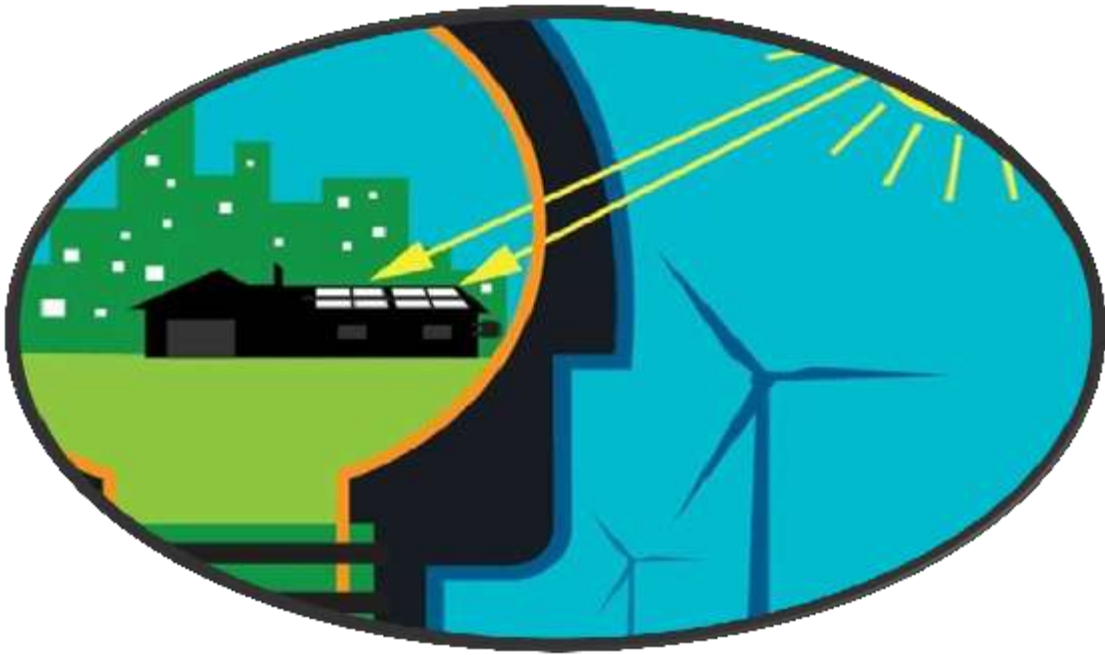




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग
Renewable Energy Project Monitoring Division

मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

Monthly Renewable Energy Generation Report



January 2022

जनवरी 2022

Date of Issue: - 25.02.2022

Sub Report: -1

Table of Contents

Summary of All India Renewable Energy Generation.....	3
State wise Renewable Energy Generation	4
State wise Wind Power Generation	6
State wise Solar Power Generation	8
State wise Biomass Power Generation	10
State wise Bagasse Power Generation.....	12
State wise Small Hydro Power Generation	14
State wise Others Power Generation	16
Renewable Energy Generation from ISGS Plants.....	18
Renewable Energy Generation from CPSU Plants.....	23

Summary of All India Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31 .01.2022)	RE Generation (MU) January '2022	RE Generation (MU) January '2021	% of same period Last Year	RE Generation (MU) April'2021-January '2022	RE Generation (MU) April'2020-January '2021	% of same period Last Year
Wind	40100.93	3398.23	3562.30	95.39	61525.49	53745.27	114.48
Solar	50303.58	6611.09	4865.41	135.88	57869.53	48212.20	120.03
Biomass	10175.61	321.69	339.05	94.88	2867.92	2876.69	99.70
Bagasse		2075.27	2005.00	103.50	8542.98	7965.38	107.25
Small Hydro	4839.90	528.88	574.17	92.11	9256.86	9342.72	99.08
Others	434.11	214.45	164.50	130.37	1875.76	1285.88	145.87
Total	105854.13	13149.60	11510.42	114.24	141938.55	123428.14	115.00

Note :1.Net impact of +ve 8.27MUs in Cumulative RE generation due to revised generation received from Goa from April to December 2021.

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) January'2022	RE Generation(MU) January'2021	RE Generation(MU) April'2021- January'2022	RE Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.99	0.17	12.21	6.74
Delhi #	39.11	26.00	382.81	355.89
Haryana	110.81	78.08	878.23	607.83
Himachal Pradesh	55.22	58.98	1843.21	2040.54
J & K	18.20	21.63	358.24	394.91
Ladakh	0.00	0.00	0.00	0.00
Punjab	196.93	213.75	2750.34	2391.71
Rajasthan	2049.21	1219.61	18753.47	13871.90
Uttar Pradesh	762.79	746.29	4622.07	4134.36
Uttarakhand*	71.67	66.16	716.70	1093.51
Northern Region Total	3304.92	2430.67	30317.28	24897.39
Western Region				
Chhattisgarh	168.84	166.40	1594.19	1298.36
Gujarat	1947.75	1694.62	20987.62	15221.22
Madhya Pradesh	613.92	649.44	7243.91	7114.91
Maharashtra	1493.61	1258.08	12889.78	11229.87
Dadra and Nagar Haveli	4.36	3.29	38.45	7.29
Daman & Diu	4.17	3.90	39.37	30.45
Goa	1.60	0.14	12.08	1.20
Western Region Total	4234.25	3775.88	42805.40	34903.31
Southern Region				
Andhra Pradesh	1094.35	1072.21	13278.68	11698.52
Telangana	647.12	600.56	5913.30	5605.07
Karnataka	2263.48	2228.37	24034.90	23544.75
Kerala	100.54	83.21	1344.77	976.08
Tamil Nadu*	1208.46	1063.89	21314.89	19302.32
Lakshadweep	0.01	0.03	0.28	0.40

Name of State/UT	RE Generation(MU) January'2022	RE Generation(MU) January'2021	RE Generation(MU) April'2021- January'2022	RE Generation(MU) April'2020- January'2021
Puducherry *	1.02	1.02	10.20	4.35
Southern Region Total	5314.97	5049.30	65897.01	61131.48
Eastern Region				
Andaman Nicobar	2.75	2.84	29.28	33.47
Bihar	33.20	13.69	181.14	199.23
Jharkhand *	3.96	2.15	22.43	22.69
Orissa	77.12	66.06	907.44	734.39
Sikkim *	1.03	5.41	10.30	49.52
West Bengal	154.64	143.28	1542.27	1256.84
Eastern Region Total	272.70	233.43	2692.85	2296.15
North Eastern Region				
Arunachal Pradesh*	0.17	0.17	1.71	1.70
Assam	10.71	5.23	95.76	37.08
Manipur	0.52	0.97	5.45	6.83
Meghalaya	3.99	5.97	37.68	47.23
Mizoram	3.10	1.73	21.90	32.48
Nagaland*	3.70	4.86	57.03	62.76
Tripura *	0.57	2.22	6.48	11.74
North Eastern Region Total	22.75	21.15	226.02	199.82
All India Total	13149.60	11510.42	141938.55	123428.14

1. Data as received from SLDC of the respective states or from the electricity department.

2. Figure given above indicates gross generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

* Data has been taken provisionally as of RE generation report of December 2021

**Renewable Energy purchased by the State of Goa during the month of January 2022 was 34.14Mus .

Generation from other sources has been received .However solar power generation considered as on December 2021.

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) January'2022	Wind Power Generation(MU) January'2021	Wind Power Generation(MU) April'2021- January'2022	Wind Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	0.00	0.00	0.00	0.00
Himachal Pradesh	0.00	0.00	0.00	0.00
J & K	0.00	0.00	0.00	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	0.00	0.00	0.00	0.00
Rajasthan	259.74	377.89	5699.34	4984.39
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	259.74	377.89	5699.34	4984.39
Western Region				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1269.26	1215.92	15478.65	11315.84
Madhya Pradesh	233.02	263.07	3792.22	3378.44
Maharashtra	309.28	210.01	6504.46	5770.06
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Goa	0.00	0.00	0.00	0.00
Western Region Total	1811.56	1689.00	25775.33	20464.35
Southern Region				
Andhra Pradesh	323.16	354.57	6398.16	5743.78
Telangana	20.33	15.07	238.11	189.88
Karnataka	459.06	600.99	8561.39	8550.52
Kerala	6.28	8.42	118.81	119.19
Tamil Nadu	518.09	516.37	14734.34	13692.16
Lakshadweep	0.00	0.00	0.00	0.00

Name of State/UT	Wind Power Generation(MU) January'2022	Wind Power Generation(MU) January'2021	Wind Power Generation(MU) April'2021- January'2022	Wind Power Generation(MU) April'2020- January'2021
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	1326.93	1495.41	30050.81	28295.53
Eastern Region			0.00	
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	0.00	0.00	0.00
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region Total	0.00	0.00	0.00	0.00
North Eastern Region			0.00	
Arunachal Pradesh	0.00	0.00	0.00	0.00
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	1.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region Total	0.00	0.00	0.00	1.00
All India Total	3398.23	3562.30	61525.49	53745.27

1. Data as received from SLDC of the respective states or from the electricity department.

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Solar Power Generation

Name of State/UT	Solar Power Generation(MU) January'2022	Solar Power Generation(MU) January'2021	Solar Power Generation(MU) April'2021- January'2022	Solar Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.99	0.17	12.21	6.74
Delhi	20.04	12.22	185.76	163.09
Haryana	54.17	27.68	446.94	93.39
Himachal Pradesh	3.31	2.78	37.09	30.54
J & K	0.00	1.23	1.71	6.60
Ladakh	0.00	0.00	0.00	0.00
Punjab	82.02	74.10	1222.03	1125.03
Rajasthan	1756.63	801.05	12736.28	8529.58
Uttar Pradesh	190.88	133.05	2274.16	1383.58
Uttarakhand	24.63	17.10	246.30	280.38
Northern Region Total	2132.67	1069.37	17162.48	11618.91
Western Region			0.00	
Chhattisgarh	36.53	33.08	343.54	300.89
Gujarat	653.29	456.31	5345.47	3663.82
Madhya Pradesh	328.85	336.77	3177.39	3410.91
Maharashtra	280.49	224.65	2583.63	2074.37
Dadra and Nagar Haveli	4.36	3.29	38.45	7.29
Daman & Diu	3.01	2.80	29.30	22.12
Goa	1.51	0.14	11.80	1.22
Western Region Total	1308.03	1057.04	11529.58	9480.62
Southern Region			0.00	
Andhra Pradesh	691.03	636.57	6335.67	5472.39
Telangana	568.90	539.21	5248.60	5125.24
Karnataka	1181.30	1018.72	10613.14	10789.96
Kerala	48.54	30.87	392.66	225.10
Tamil Nadu	596.74	437.49	5785.38	4873.96
Lakshadweep	0.01	0.03	0.28	0.40

Name of State/UT	Solar Power Generation(MU) January'2022	Solar Power Generation(MU) January'2021	Solar Power Generation(MU) April'2021- January'2022	Solar Power Generation(MU) April'2020- January'2021
Puducherry	1.02	1.02	10.20	4.35
Southern Region Total	3087.54	2663.91	28385.93	26491.40
Eastern Region			0.00	
Andaman Nicobar	1.89	2.12	17.50	20.11
Bihar	11.43	11.55	130.20	137.53
Jharkhand	1.40	1.55	14.50	13.91
Orissa	51.58	48.76	476.83	374.81
Sikkim	0.00	0.00	0.00	0.00
West Bengal	7.35	7.47	77.92	55.25
Eastern Region Total	73.65	71.45	716.94	601.60
North Eastern Region			0.00	
Arunachal Pradesh	0.13	0.12	1.39	1.25
Assam	7.89	0.57	60.73	4.75
Manipur	0.52	0.97	5.45	6.83
Meghalaya	0.00	0.00	0.47	0.00
Mizoram	0.09	1.44	1.51	1.79
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.57	0.54	5.04	5.04
North Eastern Region Total	9.19	3.64	74.59	19.66
All India Total	6611.09	4865.41	57869.53	48212.20

1. Data as received from SLDC of the respective states or from the electricity department.
2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Biomass Power Generation

Name of State/UT	Biomass Power Generation(MU) January'2022	Biomass Power Generation(MU) January'2021	Biomass Power Generation(MU) April'2021- January'2022	Biomass Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	11.81	16.32	133.45	149.26
Himachal Pradesh	0.00	0.00	0.00	0.00
J & K	0.00	0.00	0.00	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	52.95	48.72	479.52	485.70
Rajasthan	31.23	37.90	313.16	349.64
Uttar Pradesh	10.60	26.92	66.25	119.37
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	106.59	129.86	992.38	1103.97
Western Region			0.00	
Chhattisgarh	122.38	117.82	1071.09	851.81
Gujarat	0.00	0.00	0.00	43.14
Madhya Pradesh	8.26	0.06	11.88	0.38
Maharashtra	30.01	30.17	266.28	278.74
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.16	1.10	10.07	8.33
Goa	0.00	0.00	0.00	0.00
Western Region Total	161.81	149.16	1359.32	1182.40
Southern Region			0.00	
Andhra Pradesh	8.71	10.20	88.33	110.33
Telangana	8.88	14.50	93.60	137.30
Karnataka	12.83	18.14	152.22	177.40
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	13.47	12.80	96.10	121.92

Name of State/UT	Biomass Power Generation(MU) January'2022	Biomass Power Generation(MU) January'2021	Biomass Power Generation(MU) April'2021- January'2022	Biomass Power Generation(MU) April'2020- January'2021
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	43.89	55.65	430.26	546.96
Eastern Region			0.00	
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	2.14	2.14	17.02
Jharkhand	0.00	0.00	0.00	0.00
Orissa	9.40	2.24	83.83	26.34
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region Total	9.40	4.38	85.97	43.36
North Eastern Region			0.00	
Arunachal Pradesh	0.00	0.00	0.00	0.00
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region Total	0.00	0.00	0.00	0.00
All India Total	321.69	339.05	2867.92	2876.69

1. Data as received from SLDC of the respective states or from the electricity department.
2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Bagasse Power Generation

Name of State/UT	Bagasse Power Generation(MU) January'2022	Bagasse Power Generation(MU) January'2021	Bagasse Power Generation(MU) April'2021- January'2022	Bagasse Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	20.95	22.20	55.64	100.92
Himachal Pradesh	0.00	0.00	0.00	0.00
J & K	0.00	0.00	0.00	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	42.90	46.96	123.29	139.18
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	546.02	568.90	2139.47	2505.60
Uttarakhand	20.26	15.58	202.60	44.81
Northern Region Total	630.13	653.64	2521.00	2790.50
Western Region				
Chhattisgarh	2.24	7.00	4.57	15.52
Gujarat	3.11	3.78	15.19	15.08
Madhya Pradesh	21.87	19.96	44.87	45.70
Maharashtra	810.50	728.15	2905.76	2454.04
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Goa	0.00	0.00	0.00	0.00
Western Region Total	837.72	758.89	2970.39	2530.34
Southern Region				
Andhra Pradesh	11.32	11.88	47.44	46.43
Telangana	23.10	19.06	61.31	42.89
Karnataka	496.32	493.69	2425.70	1968.86
Kerala	4.33	4.20	40.98	38.74
Tamil Nadu	51.89	63.64	433.19	397.41

Name of State/UT	Bagasse Power Generation(MU) January'2022	Bagasse Power Generation(MU) January'2021	Bagasse Power Generation(MU) April'2021- January'2022	Bagasse Power Generation(MU) April'2020- January'2021
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	586.96	592.47	3008.62	2494.33
Eastern Region				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	20.46	0.00	42.97	1.48
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	0.00	0.00	0.00
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	148.73
Eastern Region Total	20.46	0.00	42.97	150.21
North Eastern Region				
Arunachal Pradesh	0.00	0.00	0.00	0.00
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region Total	0.00	0.00	0.00	0.00
All India Total	2075.27	2005.00	8542.98	7965.38

1. Data as received from SLDC of the respective states or from the electricity department.

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Small Hydro Power(up to 25 MW Installed Capacity) Generation

Name of State/UT	small Hydro Power Generation(MU) January'2022	small Hydro Power Generation(MU) January'2021	small Hydro Power Generation(MU) April'2021- January'2022	small Hydro Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	20.60	11.88	225.67	264.26
Himachal Pradesh	51.91	56.21	1806.12	2010.01
J & K	18.20	20.40	356.53	388.31
Ladakh	0.00	0.00	0.00	0.00
Punjab	19.05	43.97	925.26	641.73
Rajasthan	1.61	2.77	4.69	8.30
Uttar Pradesh	7.39	17.43	121.79	125.81
Uttarakhand	26.78	33.48	267.80	768.32
Northern Region Total	145.54	186.13	3707.87	4206.74
Western Region				
Chhattisgarh	7.68	8.50	174.99	130.14
Gujarat	22.10	18.61	148.30	172.73
Madhya Pradesh	18.47	26.65	190.68	249.90
Maharashtra	63.27	65.10	629.53	652.61
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Goa	0.00	0.00	0.00	0.00
Western Region Total	111.52	118.86	1143.50	1205.38
Southern Region				
Andhra Pradesh	43.39	48.87	314.16	279.11
Telangana	7.58	8.27	77.93	55.93
Karnataka	113.97	96.83	2282.45	2058.00
Kerala	41.38	39.73	792.32	593.04
Tamil Nadu	28.27	33.59	265.87	216.86
Lakshadweep	0.00	0.00	0.00	0.00

Name of State/UT	small Hydro Power Generation(MU) January'2022	small Hydro Power Generation(MU) January'2021	small Hydro Power Generation(MU) April'2021-January'2022	small Hydro Power Generation(MU) April'2020-January'2021
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	234.59	227.29	3732.73	3202.94
Eastern Region				
Andaman Nicobar	0.86	0.72	11.78	13.37
Bihar	1.32	0.00	5.83	43.20
Jharkhand	2.56	0.60	7.94	8.78
Orissa	16.14	15.06	346.78	333.24
Sikkim	1.03	5.41	10.30	49.52
West Bengal	1.76	2.60	138.72	100.39
Eastern Region Total	23.67	24.38	521.34	548.50
North Eastern Region				
Arunachal Pradesh	0.04	0.05	0.31	0.45
Assam	2.82	4.66	35.03	32.33
Manipur	0.00	0.00	0.00	0.00
Meghalaya	3.99	5.97	37.22	47.23
Mizoram	3.01	0.29	20.39	30.69
Nagaland	3.70	4.86	57.03	61.76
Tripura	0.00	1.67	1.44	6.70
North Eastern Region Total	13.56	17.51	151.43	179.16
All India Total	528.88	574.17	9256.86	9342.72

1. Data as received from SLDC of the respective states or from the electricity department.

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Others* Power Generation

Name of State/UT	Others Power Generation(MU) January'2022	Others Power Generation(MU) January'2021	Others Power Generation(MU) April'2021- January'2022	Others Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	19.07	13.78	197.04	192.80
Haryana	3.28	0.00	16.53	0.00
Himachal Pradesh	0.00	0.00	0.00	0.00
J & K	0.00	0.00	0.00	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	0.01	0.00	0.23	0.08
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	7.90	0.00	20.40	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	30.26	13.78	234.20	192.88
Western Region				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	0.00	10.61
Madhya Pradesh	3.45	2.93	26.88	29.57
Maharashtra	0.06	0.01	0.11	0.06
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Goa	0.10	0.00	0.27	0.00
Western Region Total	3.61	2.94	27.26	40.24
Southern Region				
Andhra Pradesh	16.73	10.12	94.91	46.48
Telangana	18.33	4.45	193.75	53.83
Karnataka	0.00	0.00	0.00	0.00
Kerala	0.00	0.00	0.00	0.01
Tamil Nadu	0.00	0.00	0.00	0.00
Lakshadweep	0.00	0.00	0.00	0.00

Name of State/UT	Others Power Generation(MU) January'2022	Others Power Generation(MU) January'2021	Others Power Generation(MU) April'2021- January'2022	Others Power Generation(MU) April'2020- January'2021
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	35.06	14.57	288.66	100.31
Eastern Region				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	0.00	0.00	0.00
Sikkim	0.00	0.00	0.00	0.00
West Bengal	145.53	133.21	1325.63	952.46
Eastern Region Total	145.53	133.21	1325.63	952.46
North Eastern Region				
Arunachal Pradesh	0.00	0.00	0.00	0.00
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region Total	0.00	0.00	0.00	0.00
All India Total	214.45	164.50	1875.76	1285.88

1. Data as received from SLDC of the respective states or from the electricity department.

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

*Others include electricity generation from waste (Municipal solid Waste) to heat.

Renewable Energy Generation from ISGS Plants for January 2022

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	NTPC	Solar	10	0.73
Dadri Solar	Uttar Pradesh	Central	NTPC	Solar	5	0.30
Singrauli Solar	Uttar Pradesh	Central	NTPC	Solar	15	1.48
Auraiya	Uttar Pradesh	Central	NTPC	Solar	20	1.67
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	300	57.59
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	350	57.34
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	600	87.13
Adani Renewable Energy Four Pvt Ltd	Rajasthan	Private	IPP	Solar	300	8.90
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	300	54.35
Mahoba Solar (Up) Private Ltd	Rajasthan	Private	IPP	Solar	200	36.72
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	300	42.78
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	200	32.89
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	300	9.40
Azure Power Forty One Private Limited	Rajasthan	Central	IPP	Solar	175	28.28
Mahindra Renewable Private Limited	Rajasthan	Central	IPP	Solar	250	45.60
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	IPP	Solar	300	53.95
SB Energy Four Pvt Ltd	Rajasthan	Central	IPP	Solar	150	33.35
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	250	39.98

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	360	74.24
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	300	9.05
SB Energy Six Private Ltd.	Rajasthan	Central	IPP	Solar	350	57.78
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	150	11.36
Azure Power Thirty Four Private Ltd	Rajasthan	Central	IPP	Solar	300	24.57
Renew Sun Waves Private Limited	Rajasthan	Central	IPP	Solar	300	54.46
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Central	IPP	Solar	300	72.10
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Central	IPP	Solar	300	37.02
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Central	IPP	Solar	100	23.72
Avaada RJHN	Rajasthan	Central	IPP	Solar	300	16.50
Avaada Sunce	Rajasthan	Central	IPP	Solar	126	25.44
Avaada Sustainable	Rajasthan	Central	IPP	Solar	200	5.78
Ayana Renewable One	Rajasthan	Central	IPP	Solar	140	25.43
Nindan Solar Fatehgar	Rajasthan	Central	IPP	Solar	300	7.33
Renew Jharkhand	Rajasthan	Central	IPP	Solar	300	53.95
Renew Solar Urja	Rajasthan	Central	IPP	Solar	300	49.37
Renew Sun Bright	Rajasthan	Central	IPP	Solar	300	54.12
Northern Region					8451.00	1194.66
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	250	35.85
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	250	36.62
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	300	34.75

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
ESPL RSP Solar	Gujarat	Private	IPP	Solar	200	40.34
TPREL RSP Solar	Gujarat	Private	IPP	Solar	100	20.72
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	100	21.11
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	250	43.88
Alfnar Wind	Gujarat	Private	IPP	Wind	400	45.12
Adani Green Energy Mp Ltd(Dayapar)	Gujarat	Private	IPP	Wind	250	86.43
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	300	45.82
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	500	39.17
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	250	29.83
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	250	52.34
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	300	61.51
Western Region **					3700.00	593.49
Beetam(Tuticorin)**	Tamil Nadu	Private	IPP	Wind	300	33.38
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	250	27.08
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	250	25.13
Mytra	Tamil Nadu	Private	IPP	Wind	200	25.35
Orange	Tamil Nadu	Private	IPP	Wind	200	37.04
Green Infra	Tamil Nadu	Private	IPP	Wind	279	45.06
Biwadi	Andhra Pradesh	Private	IPP	Solar	50	9.56
Hisar	Andhra Pradesh	Private	IPP	Solar	50	9.57
Karnal	Andhra Pradesh	Private	IPP	Solar	50	8.92
Ayana	Andhra Pradesh	Private	IPP	Solar	250	48.43
Azure	Andhra Pradesh	Private	IPP	Solar	50	8.10
FRV2	Andhra Pradesh	Private	IPP	Solar	50	0.50

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
FRV	Andhra Pradesh	Private	IPP	Solar	50	0.41
NTPC	Andhra Pradesh	Private	IPP	Solar	250	33.52
SBG	Andhra Pradesh	Private	IPP	Solar	250	47.14
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	300	48.65
Tata	Andhra Pradesh	Private	IPP	Solar	250	16.52
Adyah10	Karnataka	Private	IPP	Solar	50	0.49
Adyah13	Karnataka	Private	IPP	Solar	50	0.50
Adyah1	Karnataka	Private	IPP	Solar	350	0.51
Adyah2	Karnataka	Private	IPP	Solar	50	0.51
Adyah3	Karnataka	Private	IPP	Solar	50	0.52
Adyah6	Karnataka	Private	IPP	Solar	50	0.52
Amplus	Karnataka	Private	IPP	Solar	50	9.42
Avaada	Karnataka	Private	IPP	Solar	150	29.41
Avaada Solarise	Karnataka	Private	IPP	Solar	150	28.89
Azure Power	Karnataka	Private	IPP	Solar	150	21.04
Fortum Finsurya	Karnataka	Private	IPP	Solar	100	17.69
Fortum	Karnataka	Private	IPP	Solar	200	48.95
Kredl	Karnataka	Private	IPP	Solar	250	8.98
Parampujya	Karnataka	Private	IPP	Solar	150	29.15
Renew	Karnataka	Private	IPP	Solar	150	8.92
SBG	Karnataka	Private	IPP	Solar	150	40.68
Tata	Karnataka	Private	IPP	Solar	300	77.51
Yarrow	Karnataka	Private	IPP	Solar	400	9.87
Southern Region					5879.00	757.92

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
All India Total					18030.00	2546.07

*Generation including self-consumption and Injection into grid.
 **As per Block wise generation from ISGS Projects received from RPCs.

Renewable Energy Generation from CPSU Plants

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) January'2022	RE Generation (MU)' January 2021	RE Generation (MU) April'2021-January2022	RE Generation (MU) April'2020-January '2021
NTPC							
NTPC Faridabad_Solar	Haryana	5.00	Solar	0.37	0.41	5.47	5.57
NTPC Bhadla	Rajasthan	260.00	Solar	33.89	33.98	362.91	366.21
NTPC Jetsar	Rajasthan	80.00	Solar	9.59	0.00	30.33	0.00
NTPC Fatehgarh	Rajasthan	50.00	Solar	8.77	0.00	9.25	0.00
NTPC Dadri_Solar *	Uttar Pradesh	5.00	Solar	0.31	0.36	5.19	5.49
NTPC Unchahar_Solar *	Uttar Pradesh	10.00	Solar	0.75	0.82	9.86	11.53
NTPC Singrauli_Solar *	Uttar Pradesh	15.00	Solar	1.55	1.60	16.10	17.30
NTPC Auraiya	Uttar Pradesh	20.00	Solar	1.71	1.27	25.80	3.12
NTPC Singrauli_SH	Uttar Pradesh	8.00	Small Hydro	2.14	0.48	16.53	14.19
NTPC Rojmal	Gujarat	50.00	Wind	8.35	8.34	87.62	71.16
NTPC Rajgarh_Solar	Madhya Pradesh	50.00	Solar	6.19	6.30	59.29	64.05
NTPC Mandsaur	Madhya Pradesh	250.00	Solar	33.12	32.31	307.41	327.16
NTPC Anantapuram	Andhra Pradesh	250.00	Solar	34.48	33.12	304.73	305.77
NTPC Ramagundam	Telangana	47.50	Solar	1.96	1.17	16.57	11.62
NTPC Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.56	0.58	4.35	4.18
NTPC Talchar_Solar	Orissa	10.00	Solar	1.44	1.14	10.07	11.31
NTPC Solar_Bilhaur	Uttar Pradesh	225.00	Solar	27.19	3.63	370.35	3.63
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	4.65	0.00	20.69	0.00
Total NTPC		1365.50		177.02	125.51	1662.52	1222.29
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	5.86	7.14	69.85	65.97
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	12.63	13.39	137.11	119.36
THDC Solar Kasaragod	Kerala	50	Solar	9.64	5.35	70.75	5.35

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) January'2022	RE Generation (MU)' January 2021	RE Generation (MU) April'2021-January2022	RE Generation (MU) April'2020-January '2021
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.02	0.03	0.30	0.37
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	0.79	6.74	41.40	58.74
Total THDC		187.5		28.94	32.65	319.41	249.79
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	2.65	3.84	66.89	49.11
NHPC Solar Power Project	Tamilnadu	50	Solar	7.80	6.20	72.54	67.12
Total NHPC		100		10.45	10.03	139.43	116.24
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	3.73	4.75	79.06	58.77
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	4.41	5.61	126.04	104.81
ONGC Solar, Goa	Goa	1.00	Solar	0.14	0.14	1.17	1.20
ONGC Solar, Hazira	Gujarat	10.00	Solar	1.32	1.34	11.76	12.28
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.81	0.58	5.94	6.35
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.09	0.10	0.88	0.96
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.12	0.10	1.13	0.63
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.50	0.18	1.04	1.72
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.50	0.41	4.49	3.93
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.16	0.12	1.44	1.40
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.10	0.11	1.16	1.20
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.02	0.23	0.22
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.01	0.02
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.01	0.08	0.06
ONGC Solar,DDU Bhawan, (Under	Goa	0.25	Solar	0.00	0.00	0.00	0.00

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) January'2022	RE Generation (MU)' January 2021	RE Generation (MU) April'2021-January2022	RE Generation (MU) April'2020-January '2021
Maintenance)							
Total ONGC		184.05		11.90	13.46	234.41	193.55
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	0.67	0.68	42.44	44.71
Sadla Wind Power	Gujarat	50.00	Solar	8.54	4.84	80.63	62.98
Charanka Solar Power	Gujarat	5.60	Solar	0.67	0.79	6.21	5.51
Total SJVN		103.2		9.89	6.31	129.27	113.20
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.77	1.96	17.83	20.78
Oil India Ltd	Rajasthan	67.6	Wind	3.74	4.09	64.25	57.08
Oil India Ltd	Gujarat	43.3	Wind	10.47	9.96	73.64	80.05
Oil India Ltd	Madhya Pradesh	63.2	Wind	8.55	7.95	99.06	97.36
Total Oil India Ltd		188.1		24.52	23.96	254.77	255.27
NEEPCO							
NEEPCO	Tripura	5	Solar	0.50	0.52	4.63	4.37
DVC							
DVC	West Bangal	0.08	Solar	0.01	0.01	2.98	0.02
DVC	Jharkhand	4	Small Hydro	2.71	2.59	17.83	6.09
Total DVC		4.08		2.72	2.59	20.82	6.12
All India Total		2137.43		265.95	215.04	2765.27	2160.81

Generation of CPSU owned RE generating stations is included in respective state in Renewable Energy Generation Sheet(Page no.4 & Page No.5) according to physical location so their generation should not be considered additional generation.

*Generation including self consumption and Injection into grid.



This report is published by
Renewable Energy Project Monitoring Division
Central Electricity Authority, New Delhi

For any query, please contact at:

011-26732223

ce-rpmcea@cea.nic.in