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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



February 2022

फ़रवरी 2022

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Summary of All India Renewable Energy Generation

Source	Installed Capacity (MW) (As on 28 .02.2022)	RE Generation (MU) February '2022	RE Generation (MU) February '2021	% of same period Last Year	RE Generation (MU) April'2021-February '2022	RE Generation (MU) April'2020-February '2021	% of same period Last Year
Wind	40129.78	3107.74	2872.83	108.18	64633.23	56618.10	114.16
Solar	50777.77	7276.18	5435.80	133.86	65145.71	53648.00	121.43
Biomass	10175.61	275.07	311.67	88.26	3143.00	3188.36	98.58
Bagasse		1923.38	1805.08	106.55	10466.36	9770.46	107.12
Small Hydro	4839.90	567.60	465.17	122.02	9824.47	9807.89	100.17
Others	451.57	180.71	159.65	113.19	2056.46	1445.53	142.26
Total	106374.63	13330.69	11050.20	120.64	155269.24	134478.34	115.46

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) February'2022	RE Generation(MU) February'2021	RE Generation(MU) April'2021- February'2022	RE Generation(MU) April'2020- February'2021
Northern Region				
Chandigarh	0.99	1.71	13.20	8.45
Delhi #	37.29	33.70	420.10	389.59
Haryana	116.78	76.46	995.01	684.29
Himachal Pradesh	87.99	60.33	1931.20	2100.87
J & K	17.30	21.63	375.54	416.54
Ladakh	0.00	0.00	0.00	0.00
Punjab *	196.93	231.99	2947.26	2623.70
Rajasthan	2404.50	1138.73	21157.97	15010.62
Uttar Pradesh	778.65	799.48	5400.72	4933.83
Uttarakhand	77.81	71.67	794.51	1165.18
Northern Region Total	3718.23	2435.68	34035.50	27333.07
Western Region				
Chhattisgarh	150.54	167.77	1744.73	1466.13
Gujarat	1691.69	1202.46	22679.31	16423.68
Madhya Pradesh	699.76	602.17	7943.68	7717.08
Maharashtra	1360.54	1252.90	14250.32	12482.77
Dadra and Nagar Haveli	4.91	3.92	43.37	11.21
Daman & Diu	3.90	3.90	43.27	34.35
Goa	1.97	0.10	14.04	1.30
Western Region Total	3913.32	3233.22	46718.72	38136.53
Southern Region				
Andhra Pradesh	1152.54	1128.72	14431.22	12827.24
Telangana	690.60	620.39	6603.90	6225.46
Karnataka	2216.59	2148.13	26251.49	25692.88
Kerala	138.50	47.71	1483.28	1023.79
Tamil Nadu	1216.55	1196.22	22531.43	20498.54
Lakshadweep	0.01	0.03	0.29	0.43
Puducherry *	1.02	1.02	11.22	5.37
Southern Region Total	5415.82	5142.22	71312.82	66273.70

Name of State/UT	RE Generation(MU) February'2022	RE Generation(MU) February'2021	RE Generation(MU) April'2021- February'2022	RE Generation(MU) April'2020- February'2021
Eastern Region				
Andaman Nicobar	2.46	2.60	31.74	36.08
Bihar	30.79	13.69	211.93	212.92
Jharkhand	4.23	1.89	26.66	24.58
Orissa	83.17	65.47	990.61	799.85
Sikkim *	1.03	5.41	11.33	54.93
West Bengal	138.40	129.21	1680.67	1386.05
Eastern Region Total	260.08	218.26	2952.93	2514.41
North Eastern Region				
Arunachal Pradesh	0.18	0.20	1.89	1.90
Assam	12.36	7.09	108.12	44.18
Manipur	0.59	0.42	6.04	7.25
Meghalaya	3.22	5.53	40.90	52.76
Mizoram	3.10	0.80	25.00	33.28
Nagaland	3.22	4.86	60.25	67.62
Tripura *	0.57	1.91	7.05	13.65
North Eastern Region Total	23.24	20.81	249.26	220.63
All India Total	13330.69	11050.20	155269.24	134478.34

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 January 2022 .

Generation from other sources has been received .However solar power generation considered as on January 2022 .

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) February'2022	Wind Power Generation(MU) February'2021	Wind Power Generation(MU) April'2021- February'2022	Wind Power Generation(MU) April'2020- February'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	358.43	237.03	6057.77	5221.42
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	358.43	237.03	6057.77	5221.42
Western Region				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1000.47	742.23	16479.13	12058.07
Madhya Pradesh	265.34	189.81	4057.55	3568.26
Maharashtra	236.93	298.90	6741.39	6068.96
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	1502.74	1230.94	27278.07	21695.29
Southern Region				
Andhra Pradesh	348.48	366.14	6746.64	6109.92
Telangana	20.18	14.57	258.29	204.44
Karnataka	416.04	528.36	8977.43	9078.88
Kerala	4.50	5.87	123.31	125.06
Tamil Nadu	457.38	489.92	15191.72	14182.08
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	1246.57	1404.86	31297.38	29700.39

Name of State/UT	Wind Power Generation(MU) February'2022	Wind Power Generation(MU) February'2021	Wind Power Generation(MU) April'2021- February'2022	Wind Power Generation(MU) April'2020- February'2021
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				
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	3107.74	2872.83	64633.23	56618.10

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) February'2022	Solar Power Generation(MU) February'2021	Solar Power Generation(MU) April'2021- February'2022	Solar Power Generation(MU) April'2020- February'2021
Northern Region				
Chandigarh	0.99	1.71	13.20	8.45
Delhi	20.04	11.74	205.80	174.84
Haryana	62.87	34.78	509.81	128.17
Himachal Pradesh	2.80	2.78	39.89	33.32
J & K	0.00	1.23	1.71	7.83
Ladakh	0.00	0.00	0.00	0.00
Punjab	82.02	105.24	1304.05	1230.27
Rajasthan	2013.70	867.50	14749.97	9397.07
Uttar Pradesh	277.87	214.80	2552.03	1598.38
Uttarakhand	27.65	24.63	273.95	305.01
Northern Region Total	2487.93	1264.41	19650.42	12883.32
Western Region				
Chhattisgarh	44.13	34.95	387.67	335.85
Gujarat	668.61	438.28	6014.08	4102.10
Madhya Pradesh	388.29	376.16	3565.68	3787.07
Maharashtra	304.47	235.71	2888.10	2310.08
Dadra and Nagar Haveli	4.91	3.92	43.37	11.21
Daman & Diu	2.83	2.80	32.13	24.92
Goa	1.83	0.10	13.63	1.30
Western Region Total	1415.07	1091.92	12944.65	10572.53
Southern Region				
Andhra Pradesh	732.32	689.28	7067.99	6161.67
Telangana	616.66	571.38	5865.26	5696.63
Karnataka	1250.99	1141.88	11864.13	11931.85
Kerala	49.69	14.04	442.35	239.14
Tamil Nadu	623.60	586.65	6408.98	5460.61
Lakshadweep	0.01	0.03	0.29	0.43
Puducherry	1.02	1.02	11.22	5.37
Southern Region Total	3274.29	3004.28	31660.22	29495.69

Name of State/UT	Solar Power Generation(MU) February'2022	Solar Power Generation(MU) February'2021	Solar Power Generation(MU) April'2021- February'2022	Solar Power Generation(MU) April'2020- February'2021
Eastern Region			0.00	
Andaman Nicobar	1.80	1.87	19.30	21.98
Bihar	14.71	11.55	144.91	149.08
Jharkhand	1.67	1.62	16.17	15.54
Orissa	60.91	46.21	537.73	421.02
Sikkim	0.00	0.00	0.00	0.00
West Bengal	9.04	8.50	86.96	63.75
Eastern Region Total	88.13	69.75	805.07	671.37
North Eastern Region			0.00	
Arunachal Pradesh	0.14	0.15	1.53	1.40
Assam	9.37	3.98	70.10	8.72
Manipur	0.59	0.42	6.04	7.25
Meghalaya	0.00	0.00	0.47	0.00
Mizoram	0.09	0.43	1.60	2.22
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.57	0.47	5.61	5.51
North Eastern Region Total	10.76	5.43	85.35	25.09
All India Total	7276.18	5435.80	65145.71	53648.00

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) February'2022	Biomass Power Generation(MU) February'2021	Biomass Power Generation(MU) April'2021- February'2022	Biomass Power Generation(MU) April'2020- February'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	8.45	14.81	141.90	164.07
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	50.43	532.47	536.13
Rajasthan	30.99	32.85	344.15	382.49
Uttar Pradesh	9.46	7.69	75.70	127.06
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	101.84	105.78	1094.22	1209.75
Western Region			0.00	
Chhattisgarh	98.79	118.76	1169.88	970.57
Gujarat	0.00	0.00	0.00	43.15
Madhya Pradesh	6.39	0.10	18.27	0.48
Maharashtra	23.18	24.06	289.46	302.80
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.07	1.10	11.15	9.43
Goa	0.00	0.00	0.00	0.00
Western Region Total	129.44	144.02	1488.76	1326.42
Southern Region			0.00	
Andhra Pradesh	8.46	11.12	96.79	121.45
Telangana	8.44	14.57	102.04	151.87
Karnataka	9.61	14.72	161.83	192.12
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	9.70	12.97	105.81	134.89
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00

Name of State/UT	Biomass Power Generation(MU) February'2022	Biomass Power Generation(MU) February'2021	Biomass Power Generation(MU) April'2021- February'2022	Biomass Power Generation(MU) April'2020- February'2021
Southern Region Total	36.20	53.37	466.46	600.33
Eastern Region			0.00	
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	2.14	2.14	19.16
Jharkhand	0.00	0.00	0.00	0.00
Orissa	7.59	6.36	91.42	32.70
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region Total	7.59	8.49	93.56	51.85
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	275.07	311.67	3143.00	3188.36

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) February'2022	Bagasse Power Generation(MU) February'2021	Bagasse Power Generation(MU) April'2021- February'2022	Bagasse Power Generation(MU) April'2020- February'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	20.15	20.71	75.79	121.63
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	50.32	166.19	189.50
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	471.92	548.48	2611.39	3054.08
Uttarakhand	20.71	20.26	223.31	65.07
Northern Region Total	555.68	639.77	3076.68	3430.27
Western Region				
Chhattisgarh	2.05	6.37	6.62	21.88
Gujarat	2.11	3.09	17.30	18.17
Madhya Pradesh	19.32	17.15	64.19	62.85
Maharashtra	721.91	633.37	3627.67	3087.41
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	745.39	659.97	3715.78	3190.31
Southern Region				
Andhra Pradesh	12.48	11.32	59.92	57.75
Telangana	23.23	8.09	84.54	50.98
Karnataka	459.19	392.86	2884.89	2361.72
Kerala	3.65	2.58	44.63	41.32
Tamil Nadu	109.02	90.50	542.21	487.91
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00

Name of State/UT	Bagasse Power Generation(MU) February'2022	Bagasse Power Generation(MU) February'2021	Bagasse Power Generation(MU) April'2021- February'2022	Bagasse Power Generation(MU) April'2020- February'2021
Southern Region Total	607.56	505.35	3616.18	2999.67
Eastern Region				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	14.76	0.00	57.73	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	14.76	0.00	57.73	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	1923.38	1805.08	10466.36	9770.46

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) February'2022	small Hydro Power Generation(MU) February'2021	small Hydro Power Generation(MU) April'2021-February'2022	small Hydro Power Generation(MU) April'2020-February'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	22.30	6.16	247.97	270.42
Himachal Pradesh	85.19	57.55	1891.31	2067.55
J & K	17.30	20.40	373.83	408.71
Ladakh	0.00	0.00	0.00	0.00
Punjab	19.05	25.97	944.31	667.70
Rajasthan	1.38	1.35	6.07	9.64
Uttar Pradesh	19.41	28.50	141.20	154.31
Uttarakhand	29.45	26.78	297.25	795.10
Northern Region Total	194.08	166.71	3901.95	4373.44
Western Region				
Chhattisgarh	5.56	7.69	180.55	137.83
Gujarat	20.51	18.87	168.81	191.59
Madhya Pradesh	16.97	15.77	207.65	265.67
Maharashtra	73.99	60.85	703.52	713.46
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	117.03	103.17	1260.53	1308.55
Southern Region				
Andhra Pradesh	34.18	41.35	348.34	320.46
Telangana	5.95	4.56	83.88	60.49
Karnataka	80.77	70.31	2363.22	2128.31
Kerala	80.67	25.22	872.99	618.26
Tamil Nadu	16.85	16.19	282.72	233.05
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	218.43	157.63	3951.15	3360.57

Name of State/UT	small Hydro Power Generation(MU) February'2022	small Hydro Power Generation(MU) February'2021	small Hydro Power Generation(MU) April'2021-February'2022	small Hydro Power Generation(MU) April'2020-February'2021
Eastern Region				
Andaman Nicobar	0.66	0.73	12.44	16.09
Bihar	1.32	0.00	7.15	43.20
Jharkhand	2.56	0.27	10.49	7.05
Orissa	14.67	12.90	361.46	346.14
Sikkim	1.03	5.41	11.33	54.93
West Bengal	5.35	2.98	144.06	103.37
Eastern Region Total	25.59	22.28	546.93	570.79
North Eastern Region				
Arunachal Pradesh	0.05	0.05	0.36	0.50
Assam	2.99	3.12	38.02	35.45
Manipur	0.00	0.00	0.00	0.00
Meghalaya	3.22	5.53	40.44	52.76
Mizoram	3.01	0.37	23.40	31.06
Nagaland	3.22	4.86	60.25	66.62
Tripura	0.00	1.44	1.44	8.14
North Eastern Region Total	12.49	15.38	163.91	194.54
All India Total	567.60	465.17	9824.47	9807.89

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) February'2022	Others Power Generation(MU) February'2021	Others Power Generation(MU) April'2021- February'2022	Others Power Generation(MU) April'2020- February'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	17.25	21.95	214.29	214.76
Haryana	3.01	0.00	19.54	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	0.03	0.24	0.11
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	0.00	0.00	20.40	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	20.26	21.98	254.47	214.86
Western Region				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	0.00	10.61
Madhya Pradesh	3.46	3.19	30.34	32.76
Maharashtra	0.06	0.00	0.17	0.07
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Goa	0.14	0.00	0.41	0.00
Western Region Total	3.66	3.20	30.92	43.43
Southern Region				
Andhra Pradesh	16.62	9.51	111.53	55.99
Telangana	16.15	7.22	209.90	61.05
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
Puducherry	0.00	0.00	0.00	0.00

Name of State/UT	Others Power Generation(MU) February'2022	Others Power Generation(MU) February'2021	Others Power Generation(MU) April'2021- February'2022	Others Power Generation(MU) April'2020- February'2021
Southern Region Total	32.77	16.73	321.43	117.05
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	124.01	117.74	1449.65	1070.19
Eastern Region Total	124.01	117.74	1449.65	1070.19
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	180.71	159.65	2056.46	1445.53

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 February 2022

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	NTPC	Solar	10	1.10
Dadri Solar	Uttar Pradesh	Central	NTPC	Solar	5	0.51
Singrauli Solar	Uttar Pradesh	Central	NTPC	Solar	15	1.82
Auraiya	Uttar Pradesh	Central	NTPC	Solar	20	2.87
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	300	61.56
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	350	62.50
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	600	115.10
Adani Renewable Energy Four Pvt Ltd	Rajasthan	Private	IPP	Solar	300	41.00
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	300	57.27
Mahoba Solar (Up) Private Ltd	Rajasthan	Private	IPP	Solar	200	10.98
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	300	48.49
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	200	2.26
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	300	10.61
Azure Power Forty One Private Limited	Rajasthan	Central	IPP	Solar	175	38.26
Mahindra Renewable Private Limited	Rajasthan	Central	IPP	Solar	250	50.73
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	IPP	Solar	300	58.00
SB Energy Four Pvt Ltd	Rajasthan	Central	IPP	Solar	150	38.61
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	250	48.89
Adani Hybrid Energy Jaisalmer	Rajasthan	Private	IPP	Solar	360	81.29

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
One Limited Solar						
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	300	10.28
SB Energy Six Private Ltd.	Rajasthan	Central	IPP	Solar	350	63.12
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	150	13.55
Azure Power Thirty Four Private Ltd	Rajasthan	Central	IPP	Solar	300	27.10
Renew Sun Waves Private Limited	Rajasthan	Central	IPP	Solar	300	59.57
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Central	IPP	Solar	300	106.45
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Central	IPP	Solar	300	49.68
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Central	IPP	Solar	100	29.94
Avaada RJHN	Rajasthan	Central	IPP	Solar	300	22.46
Avaada Sunc	Rajasthan	Central	IPP	Solar	126	32.31
Avaada Sustainable	Rajasthan	Central	IPP	Solar	200	21.19
Ayana Renewable One	Rajasthan	Central	IPP	Solar	140	48.18
Nindan Solar Fatehgar	Rajasthan	Central	IPP	Solar	300	20.51
Renew Jharkhand	Rajasthan	Central	IPP	Solar	300	58.00
Renew Solar Urja	Rajasthan	Central	IPP	Solar	300	57.14
Renew Sun Bright	Rajasthan	Central	IPP	Solar	300	58.94
Northern Region					8451.00	1410.27
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	250	45.16
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	250	45.16
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	300	44.55

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
ESPL RSP Solar	Gujarat	Private	IPP	Solar	200	39.60
TPREL RSP Solar	Gujarat	Private	IPP	Solar	100	20.70
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	100	20.99
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	250	39.42
Alfnar Wind	Gujarat	Private	IPP	Wind	400	44.07
Adani Green Energy Mp Ltd(Dayapar)	Gujarat	Private	IPP	Wind	250	79.35
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	300	37.62
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	500	40.32
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	250	26.26
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	250	49.05
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	300	57.40
Western Region **					3700.00	589.65
Beetam(Tuticorin)**	Tamil Nadu	Private	IPP	Wind	300	27.72
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	250	31.00
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	250	16.91
Mytra	Tamil Nadu	Private	IPP	Wind	200	18.29
Orange	Tamil Nadu	Private	IPP	Wind	200	27.28
Green Infra	Tamil Nadu	Private	IPP	Wind	279	36.25
Rstps Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	100	4.87
simhadri Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	75	4.39
Biwadi	Andhra Pradesh	Private	IPP	Solar	50	10.45
Hisar	Andhra Pradesh	Private	IPP	Solar	50	9.70
Karnal	Andhra Pradesh	Private	IPP	Solar	50	10.08
Ayana	Andhra Pradesh	Private	IPP	Solar	250	51.64

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Azure	Andhra Pradesh	Private	IPP	Solar	50	8.44
FRV2	Andhra Pradesh	Private	IPP	Solar	50	9.61
FRV	Andhra Pradesh	Private	IPP	Solar	50	10.16
NTPC	Andhra Pradesh	Private	IPP	Solar	250	35.14
SBG	Andhra Pradesh	Private	IPP	Solar	250	50.89
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	300	49.55
Tata	Andhra Pradesh	Private	IPP	Solar	250	17.90
Adyah10	Karnataka	Private	IPP	Solar	50	63.52
Adyah13	Karnataka	Private	IPP	Solar	50	
Adyah1	Karnataka	Private	IPP	Solar	350	
Adyah2	Karnataka	Private	IPP	Solar	50	
Adyah3	Karnataka	Private	IPP	Solar	50	
Adyah6	Karnataka	Private	IPP	Solar	50	
Amplus	Karnataka	Private	IPP	Solar	50	9.52
Avaada	Karnataka	Private	IPP	Solar	150	30.46
Avaada Solarise	Karnataka	Private	IPP	Solar	150	29.96
Azure Power	Karnataka	Private	IPP	Solar	150	21.27
Fortum Finsurya	Karnataka	Private	IPP	Solar	100	17.93
Fortum	Karnataka	Private	IPP	Solar	200	50.37
Kredl	Karnataka	Private	IPP	Solar	250	9.32
Parampujya	Karnataka	Private	IPP	Solar	150	29.24
Renew	Karnataka	Private	IPP	Solar	150	9.68
SBG	Karnataka	Private	IPP	Solar	150	41.65
Tata	Karnataka	Private	IPP	Solar	300	78.91

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Yarrow	Karnataka	Private	IPP	Solar	400	10.06
Southern Region					6054.00	832.16
All India Total					18205.00	2832.08

*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) February'2022	RE Generation (MU)' February 2021	RE Generation (MU) April'2021-February2022	RE Generation (MU) April'2020-February '2021
NTPC							
NTPC Faridabad _Solar	Haryana	5.00	Solar	0.60	0.41	6.07	5.57
NTPC Bhadla	Rajasthan	260.00	Solar	37.55	33.98	400.46	366.21
NTPC Jetsar	Rajasthan	80.00	Solar	13.99	0.00	46.48	0.00
NTPC Fatehgarh	Rajasthan	124.80	Solar	20.62	0.00	29.38	0.00
NTPC Dadri _Solar *	Uttar Pradesh	5.00	Solar	0.53	0.36	5.72	5.49
NTPC Unchahar _Solar *	Uttar Pradesh	10.00	Solar	1.11	0.82	10.87	11.53
NTPC Singrauli _Solar *	Uttar Pradesh	15.00	Solar	1.91	1.60	18.01	17.30
NTPC Auraiya	Uttar Pradesh	20.00	Solar	2.91	1.27	28.71	3.12
NTPC Singrauli _SH	Uttar Pradesh	8.00	Small Hydro	2.68	0.48	19.21	14.19
NTPC Rojmal	Gujarat	50.00	Wind	6.34	8.34	93.95	71.16
NTPC Rajgarh _Solar	Madhya Pradesh	50.00	Solar	7.18	6.30	66.47	64.05
NTPC Mandsaur	Madhya Pradesh	250.00	Solar	36.67	32.31	344.08	327.16
NTPC Anantapuram	Andhra Pradesh	250.00	Solar	37.43	33.12	342.16	305.77
NTPC Ramagundam	Telangana	47.50	Solar	6.02	1.17	26.33	11.62
NTPC Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.51	0.58	4.87	4.18
NTPC Talchar _Solar	Orissa	10.00	Solar	1.23	1.14	11.91	11.31
NTPC Solar _Bilhaur	Uttar Pradesh	225.00	Solar	41.65	3.63	411.22	3.63
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	4.43	0.00	25.13	0.00
Total NTPC		1440.30		223.36	125.51	1891.03	1222.29
THDC							
THDC Patan Wind Power Project	Gujarat	50.00	Wind	3.77	7.14	73.62	65.97
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	7.79	13.39	144.90	119.36
THDC Solar Kasaragod	Kerala	50.00	Solar	9.06	5.35	79.81	5.35

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) February'2022	RE Generation (MU)' February 2021	RE Generation (MU) April'2021-February2022	RE Generation (MU) April'2020-February '2021
THDCIL's premises at Rishikesh	Uttar Pradesh	0.50	Solar	0.04	0.03	0.34	0.37
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	10.31	6.74	51.71	58.74
Total THDC		187.50		30.97	32.65	350.38	249.79
NHPC							
NHPC Wind Power Project	Rajasthan	50.00	Wind	3.83	3.84	70.71	49.11
NHPC Solar Power Project	Tamilnadu	50.00	Solar	7.28	6.20	79.83	67.12
Total NHPC		100.00		11.11	10.03	150.54	116.24
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	2.93	4.75	81.99	58.77
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	6.88	5.61	132.92	104.81
ONGC Solar, Goa	Goa	1.00	Solar	0.14	0.14	1.31	1.20
ONGC Solar, Hazira	Gujarat	10.00	Solar	1.43	1.34	13.20	12.28
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.84	0.58	6.78	6.35
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.10	0.10	0.97	0.96
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.11	0.10	1.22	0.63
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.61	0.18	1.65	1.72
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.48	0.41	4.97	3.93
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.15	0.12	1.57	1.40
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.24	Solar	0.12	0.11	1.28	1.20
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.02	0.25	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	0.10	0.06
ONGC Solar,DDU Bhawan, (Under	Goa	0.25	Solar	0.02	0.00	0.02	0.00

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) February'2022	RE Generation (MU)' February 2021	RE Generation (MU) April'2021-February2022	RE Generation (MU) April'2020-February '2021
Maintenance)							
Total ONGC		184.05		13.85	13.46	248.24	193.55
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	1.08	0.68	44.88	44.71
Sadla Wind Power	Gujarat	50.00	Solar	5.86	4.84	95.24	62.98
Charanka Solar Power	Gujarat	5.60	Solar	0.77	0.79	7.66	5.51
Total SJVN		103.20		7.71	6.31	147.77	113.20
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.04	1.96	21.89	20.78
Oil India Ltd	Rajasthan	67.60	Wind	3.82	4.09	70.78	57.08
Oil India Ltd	Gujarat	43.30	Wind	7.91	9.96	88.38	80.05
Oil India Ltd	Madhya Pradesh	63.20	Wind	5.43	7.95	112.39	97.36
Total Oil India Ltd		188.10		19.21	23.96	293.45	255.27
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.50	0.52	5.27	4.37
DVC							
DVC	West Bangal	0.08	Solar	0.01	0.01	2.99	0.02
DVC	Jharkhand	4.00	Small Hydro	1.39	2.59	19.22	6.09
Total DVC		4.08		1.40	2.59	22.21	6.12
All India Total		2212.23		308.11	215.04	3108.90	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.



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