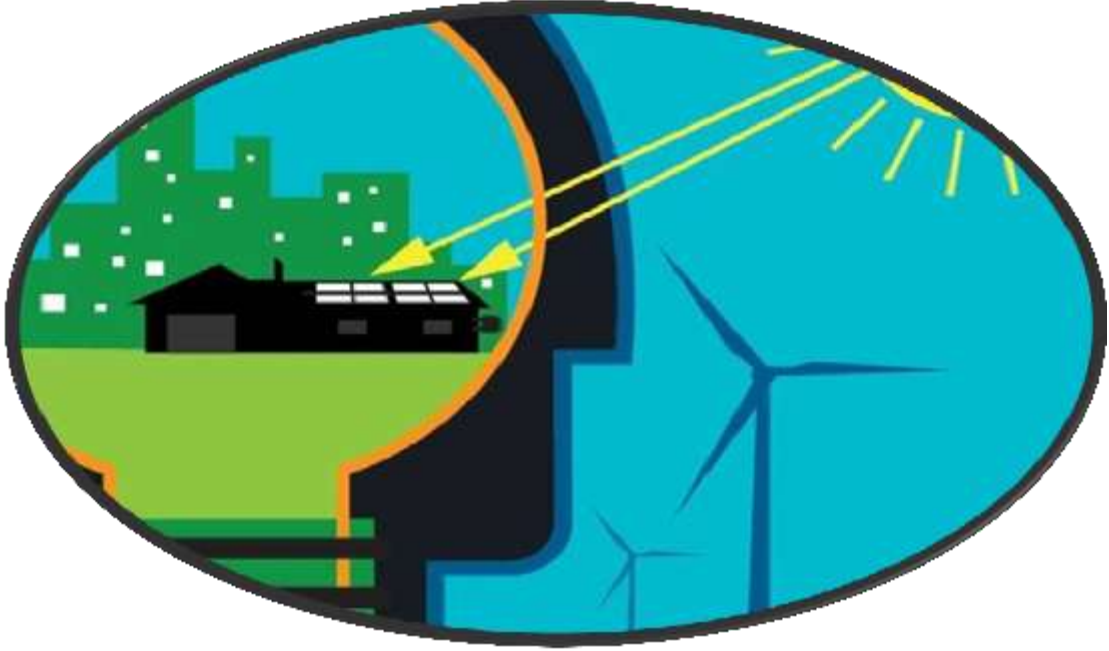




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नवीकरणीय ऊर्जा परियोजनाप्रबोधनप्रभाग
Renewable Energy Project Monitoring Division

मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

Monthly Renewable Energy Generation Report



October 2021

अक्टूबर 2021

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Summary of All India Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.10.2021)	RE Generation (MU) October '2021	RE Generation (MU) October '2020	% of same period Last Year	RE Generation (MU) April'2021- October '2021	RE Generation (MU) April'2020- October '2020	% of same period Last Year
Wind	39990.1	2977.93	3989.92	74.64	51272.75	43062.05	119.07
Solar	47665.89	6225.88	4876.01	127.68	40377.57	34005.91	118.74
Biomass	10175.61	234.16	266.67	87.81	1998.59	1910.49	104.61
Bagasse		337.44	292.32	115.43	2759.30	2535.60	108.82
Small Hydro	4821.81	1275.26	1200.53	106.22	7218.84	7213.60	100.07
Others	401.84	198.65	161.38	123.09	1240.96	792.50	156.59
Total	103055.25	11249.31	10786.82	104.29	104868.02	89520.14	117.14

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) October'2021	RE Generation(MU) October'2020	RE Generation(MU) April'2021- October'2021	RE Generation(MU) April'2020- October'2020
Northern Region				
Chandigarh	2.04	0.29	9.32	5.99
Delhi #	43.81	35.68	260.28	269.10
Haryana	105.03	54.67	566.57	406.15
Himachal Pradesh	289.21	186.65	1554.25	1829.63
J & K	31.40	24.50	312.51	336.75
Ladakh	0.00	0.00	0.00	0.00
Punjab	209.21	240.00	2081.49	1739.41
Rajasthan	1936.16	1183.58	13407.35	10307.18
Uttar Pradesh	307.71	218.95	2398.12	2105.94
Uttarakhand*	71.67	109.85	501.69	807.65
Northern Region Total	2996.24	2054.18	21091.58	17807.80
Western Region			0	
Chhattisgarh	144.24	119.17	1110.53	850.10
Gujarat	1300.73	980.92	15300.24	10518.09
Madhya Pradesh	542.06	588.66	5496.76	5299.77
Maharashtra	747.97	621.11	8734.89	7320.76
Dadra and Nagar Haveli	4.61	0.38	25.16	3.24
Daman & Diu	3.44	3.65	26.16	19.05
Goa	0.10	0.12	0.74	0.78
Western Region Total	2743.14	2314.00	30694.49	24011.79
Southern Region				
Andhra Pradesh	897.16	946.69	10433.32	8752.51
Telangana	632.85	480.62	4162.97	3794.27
Karnataka	1962.29	2208.57	17474.47	16310.89
Kerala	159.33	135.60	988.36	715.51
Tamil Nadu	1517.82	2347.44	17987.63	16435.59
Lakshadweep	0.01	0.05	0.16	0.29
Puducherry *	1.02	0.37	7.14	2.59
Southern Region Total	5170.48	6119.34	51054.05	46011.64
Eastern Region				
Andaman Nicobar	3.51	3.15	19.84	24.53
Bihar	14.18	14.19	100.23	157.67
Jharkhand	1.30	2.79	10.48	12.99
Orissa	115.89	92.21	671.11	514.37

Sikkim *	1.03	5.41	7.21	33.30
West Bengal	172.05	154.40	1063.15	813.62
Eastern Region Total	307.96	272.15	1872.02	1556.47
North Eastern Region				
Arunachal Pradesh*	0.17	0.17	1.20	1.19
Assam	10.53	3.18	63.92	23.04
Manipur	0.49	0.48	3.91	3.92
Meghalaya	4.26	10.68	26.01	28.86
Mizoram	3.23	5.06	12.34	25.10
Nagaland	12.37	7.23	43.26	44.99
Tripura *	0.46	0.34	4.77	5.33
North Eastern Region Total	31.51	27.14	155.40	132.44
All India Total	11249.31	10786.82	104868.02	89520.14

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.

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

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

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) October'2021	Wind Power Generation(MU) October'2020	Wind Power Generation(MU) April'2021- October'2021	Wind Power Generation(MU) April'2020- October'2020
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	356.17	264.17	4875.26	3897.39
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	356.17	264.17	4875.26	3897.39
Western Region				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	712.19	600.47	11686.43	7924.69
Madhya Pradesh	144.54	215.27	3004.34	2690.04
Maharashtra	276.16	259.95	5522.51	4798.64
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	1132.89	1075.68	20213.28	15413.37
Southern Region				
Andhra Pradesh	195.38	370.26	5505.31	4683.47
Telangana	12.00	13.29	176.99	135.88
Karnataka	366.59	505.11	7127.56	6476.86
Kerala	7.64	13.72	100.11	96.35
Tamil Nadu	907.25	1747.69	13274.24	12357.73
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	1488.87	2650.07	26184.20	23750.29
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	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	2977.93	3989.92	51272.75	43062.05

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) October'2021	Solar Power Generation(MU) October'2020	Solar Power Generation(MU) April'2021- October'2021	Solar Power Generation(MU) April'2020- October'2020
Northern Region				
Chandigarh	2.04	0.29	9.32	5.99
Delhi	20.04	17.32	125.64	121.34
Haryana	53.04	8.90	286.14	48.95
Himachal Pradesh	3.25	3.14	25.60	21.04
J & K	0.00	0.00	1.71	2.94
Ladakh	0.00	0.00	0.00	0.00
Punjab	125.01	122.08	906.41	891.09
Rajasthan	1555.77	886.46	8309.31	6167.99
Uttar Pradesh	276.35	148.13	1665.09	987.86
Uttarakhand	24.63	25.63	172.41	212.02
Northern Region Total	2060.13	1211.95	11501.64	8459.22
Western Region				
Chhattisgarh	43.40	29.86	234.37	201.57
Gujarat	569.86	355.86	3522.20	2424.87
Madhya Pradesh	371.39	342.68	2343.30	2427.87
Maharashtra	279.64	194.65	1850.92	1411.38
Dadra and Nagar Haveli	4.61	0.38	25.16	3.24
Daman & Diu	2.35	2.42	19.35	14.19
Goa	0.10	0.12	0.74	0.78
Western Region Total	1271.35	925.97	7996.03	6483.91
Southern Region				
Andhra Pradesh	632.52	511.40	4602.11	3803.31
Telangana	570.74	441.57	3711.63	3488.25
Karnataka	1022.38	1152.08	7543.92	7621.13
Kerala	39.24	31.61	268.36	141.38
Tamil Nadu	542.54	539.90	4191.20	3587.86
Lakshadweep	0.01	0.05	0.16	0.29
Puducherry	1.02	0.37	7.14	2.59
Southern Region Total	2808.44	2676.97	20324.52	18644.81
Eastern Region				
Andaman Nicobar	1.86	1.41	11.59	14.61
Bihar	14.18	12.53	93.93	101.90
Jharkhand	1.30	1.75	10.22	9.34
Orissa	52.52	38.27	334.84	243.51

Sikkim	0.00	0.00	0.00	0.00
West Bengal	7.50	5.64	56.60	37.22
Eastern Region Total	77.36	59.59	507.18	406.60
North Eastern Region				
Arunachal Pradesh	0.13	0.12	1.01	0.88
Assam	7.45	0.56	38.21	3.02
Manipur	0.49	0.48	3.91	3.92
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.09	0.02	1.25	0.16
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.46	0.34	3.33	3.39
North Eastern Region Total	8.60	1.52	47.71	11.38
All India Total	6225.88	4876.00	40377.57	34005.91

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) October'2021	Biomass Power Generation(MU) October'2020	Biomass Power Generation(MU) April'2021- October'2021	Biomass Power Generation(MU) April'2020- October'2020
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	12.46	16.89	97.74	100.57
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	49.21	55.74	319.14	327.76
Rajasthan	24.10	32.77	222.32	240.43
Uttar Pradesh	6.54	0.07	52.10	51.59
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	92.31	105.48	691.30	720.34
Western Region				
Chhattisgarh	75.66	68.47	728.14	537.60
Gujarat	0.00	0.00	0.00	43.13
Madhya Pradesh	1.73	0.09	2.62	0.24
Maharashtra	21.58	30.27	189.45	191.91
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.08	1.23	6.82	4.87
Goa	0.00	0.00	0.00	0.00
Western Region Total	100.06	100.06	927.03	777.75
Southern Region				
Andhra Pradesh	8.95	11.21	67.13	77.54
Telangana	8.06	12.49	68.93	95.70
Karnataka	15.18	18.86	117.56	118.76
Kerala	0.00	0.00	0.00	0.00

Tamil Nadu	3.50	16.91	67.13	85.21
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	35.69	59.47	320.75	377.21
Eastern Region				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	1.66	2.14	11.08
Jharkhand	0.00	0.00	0.00	0.00
Orissa	6.11	0.00	57.37	24.10
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region Total	6.11	1.66	59.51	35.18
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	234.16	266.67	1998.59	1910.49

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) October'2021	Bagasse Power Generation(MU) October'2020	Bagasse Power Generation(MU) April'2021- October'2021	Bagasse Power Generation(MU) April'2020- October'2020
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	0.00	3.74	14.75	50.48
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	0.24	3.08	36.96	34.90
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	6.02	48.60	586.97	984.18
Uttarakhand	20.26	0.00	141.82	29.23
Northern Region Total	26.52	55.42	780.50	1098.79
Western Region				
Chhattisgarh	0.00	0.00	0.00	5.08
Gujarat	1.79	0.72	3.83	3.11
Madhya Pradesh	0.00	0.00	2.86	0.00
Maharashtra	102.03	66.08	669.36	428.59
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	103.82	66.80	676.06	436.78
Southern Region				
Andhra Pradesh	3.77	4.11	22.04	17.74
Telangana	2.60	0.00	2.60	0.10

Karnataka	163.38	145.75	965.91	517.99
Kerala	4.13	4.08	28.25	26.43
Tamil Nadu	33.21	16.16	283.96	287.55
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	207.09	170.10	1302.75	849.81
Eastern Region				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	0.00	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	0.00	0.00	0.00	150.21
North Eastern Region				
Arunachal Pradesh	0.00	0.00	0.00	0.00
Assam	0.00	0.00	0.00	1.48
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	148.73
Tripura	0.00	0.00	0.00	0.00
North Eastern Region Total	0.00	0.00	0.00	0.00
All India Total	337.44	292.32	2759.30	2535.60

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) October'2021	small Hydro Power Generation(MU) October'2020	small Hydro Power Generation(MU) April'2021- October'2021	small Hydro Power Generation(MU) April'2020- October'2020
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	35.42	25.14	163.83	206.16
Himachal Pradesh	285.96	183.51	1528.65	1808.60
J & K	31.40	24.50	310.80	333.81
Ladakh	0.00	0.00	0.00	0.00
Punjab	34.75	59.10	818.75	485.64
Rajasthan	0.12	0.18	0.45	1.37
Uttar Pradesh	18.79	22.16	93.97	82.31
Uttarakhand	26.78	84.22	187.46	566.40
Northern Region Total	433.23	398.81	3103.91	3484.29
Western Region				
Chhattisgarh	25.17	20.83	148.01	105.85
Gujarat	16.89	23.87	87.79	111.67
Madhya Pradesh	21.72	27.30	125.50	162.09
Maharashtra	68.55	70.17	502.60	490.18
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	132.33	142.17	863.90	869.80
Southern Region				
Andhra Pradesh	48.29	42.63	188.09	147.12
Telangana	20.45	7.43	54.89	30.82
Karnataka	394.76	386.77	1719.52	1576.15

Kerala	108.32	86.20	591.65	451.35
Tamil Nadu	31.32	26.78	171.10	117.24
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	603.14	549.80	2725.25	2322.68
Eastern Region				
Andaman Nicobar	1.65	1.74	8.25	9.92
Bihar	0.00	0.00	4.16	43.20
Jharkhand	0.00	1.04	0.27	3.64
Orissa	57.26	53.94	278.89	246.76
Sikkim	1.03	5.41	7.21	33.30
West Bengal	23.71	21.99	119.31	79.96
Eastern Region Total	83.66	84.13	418.08	416.78
North Eastern Region				
Arunachal Pradesh	0.04	0.05	0.18	0.31
Assam	3.08	2.62	25.71	20.02
Manipur	0.00	0.00	0.00	0.00
Meghalaya	4.26	10.68	26.01	28.86
Mizoram	3.15	5.04	11.09	24.94
Nagaland	12.37	7.23	43.26	43.99
Tripura	0.00	0.00	1.44	1.94
North Eastern Region Total	22.91	25.62	107.70	120.06
All India Total	1275.26	1200.53	7218.84	7213.60

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) October'2021	Others Power Generation(MU) October'2020	Others Power Generation(MU) April'2021- October'2021	Others Power Generation(MU) April'2020- October'2020
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	23.77	18.36	134.64	147.75
Haryana	4.11	0.00	4.11	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	0.22	0.01
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	27.88	18.36	138.97	147.76
Western Region				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	0.00	10.61
Madhya Pradesh	2.68	3.32	18.13	19.53
Maharashtra	0.00	0.00	0.05	0.05
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	2.68	3.32	18.17	30.18
Southern Region				
Andhra Pradesh	8.25	7.08	48.64	23.33
Telangana	19.01	5.84	147.93	43.52
Karnataka	0.00	0.00	0.00	0.00
Kerala	0.00	0.00	0.00	0.00

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
Southern Region Total	27.26	12.92	196.58	66.85
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	140.83	126.77	887.24	547.71
Eastern Region Total	140.83	126.77	887.24	547.71
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	198.65	161.38	1240.96	792.50

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 October 2021

Monthly RE generation from Inter State Generating Station (ISGS) for October 2021

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
Auraiya*	Uttar Pradesh	Central	NTPC	Solar	20	2.94	19.77
Dadri Solar *	Uttar Pradesh	Central	NTPC	Solar	5	0.58	15.63
Singrauli Solar*	Uttar Pradesh	Central	NTPC	Solar	15	1.64	14.72
Unchahar Solar*	Uttar Pradesh	Central	NTPC	Solar	10	1.14	15.34
Kilaj Solar(Maharashtra) Pvt Ltd.	Rajasthan	Private	IPP	Solar	50	11.05	29.69
Mahindra Renewable Pvt Ltd	Rajasthan	Private	IPP	Solar	250	54.70	29.41
Mahoba Solar (UP) Pvt Ltd	Rajasthan	Private	IPP	Solar	200	43.76	29.41
Azure Forty Three Pvt Ltd	Rajasthan	Private	IPP	Solar	500	98.47	26.47
ACME Chittorgarh Energy Pvt Ltd	Rajasthan	Private	IPP	Solar	250	52.35	28.14
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	200	39.40	26.48
Azure Power Thirty Four Pvt Ltd	Rajasthan	Private	IPP	Solar	130	29.43	30.43
M/S Adani Solar Energy Jodhpur Two Pvt Ltd	Rajasthan	Private	IPP	Solar	50	11.54	31.03
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	300	62.13	27.84
Eden Renewable Cite Pvt Ltd	Rajasthan	Central	IPP	Solar	300	62.68	28.08
Renew Jharkhand	Rajasthan	Central	IPP	Solar	250	48.37	26.01
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	50	11.06	29.74
Renew Sun Waves Pvt Ltd	Rajasthan	Central	IPP	Solar	300	59.56	26.69
Renew Solar Power Pvt Ltd . Bikaner	Rajasthan	Private	IPP	Solar	250	53.48	28.75

SB Energy Four Pvt Ltd	Rajasthan	Private	IPP	Solar	200	43.42	29.18
SB Energy Six Pvt Ltd	Rajasthan	Private	IPP	Solar	300	67.24	30.12
SBSR Power Cleantech Eleven Pvt Ltd	Rajasthan	Central	IPP	Solar	50	13.06	35.11
TATA Power Renewable Energy Pvt Ltd	Rajasthan	Private	IPP	Solar	300	58.51	26.21
Adani Hybrid Energy jaisalmer One Ltd Solar	Rajasthan	Central	IPP	Solar	300	78.61	35.22
Adani Hybrid Energy jaisalmer two Ltd Solar	Rajasthan	Central	IPP	Solar	100	8.49	11.42
Adani Hybrid Energy jaisalmer three Ltd Solar	Rajasthan	Central	IPP	Solar	100	9.88	13.28
Northern Region **					3980	923.52	
Acme Solar (Ram Nagar)	Madhya Pradesh	Private	IPP	Solar	250	45.50	24.46
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	250	45.48	24.45
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	250	45.85	24.65
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	400	31.40	10.55
Alfannar Wind	Gujarat	Private	IPP	Wind	300	32.94	14.76
GIWEL-II Wind (Vadva)	Gujarat	Private	IPP	Wind	250	32.18	17.30
GIWEL-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	300	30.29	13.57
Aadni Green Energy MP Ltd (Dayapar)	Gujarat	Private	IPP	Wind	500	63.53	17.08
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	250	21.72	11.68
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	250	32.99	17.73
Renew Wind Energy AP2	Gujarat	Private	IPP	Wind	300	47.96	21.49
Western Region **					3000	429.83	
Betam Tuticorin	Tamil Nadu	Private	IPP	Wind	300	47.96	21.49
Girel Tuticorin	Tamil Nadu	Private	IPP	Wind	250	42.70	23.72
Mytrah Tuticorin	Tamil Nadu	Private	IPP	Wind	250	30.11	16.73
Orange Tuticorin	Tamil Nadu	Private	IPP	Wind	200	32.87	22.83

Ostro Hiriyr	Tamil Nadu	Private	IPP	Wind	84	7.88	13.02
Spring Pugalur	Lakshadweep	Private	IPP	Wind	279	28.04	13.96
Biwadi Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.36	23.23
Hisar Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.38	23.29
Karnal Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.49	23.59
Ayana Npkunta	Andhra Pradesh	Private	IPP	Solar	250	42.98	23.88
Azure Npkunta	Andhra Pradesh	Private	IPP	Solar	50	6.83	18.98
FRV2 Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.25	22.91
FRV Npkunta	Andhra Pradesh	Private	IPP	Solar	50	7.65	21.25
NTPC Npkunta	Andhra Pradesh	Private	IPP	Solar	250	27.97	15.54
SBG Npkunta	Andhra Pradesh	Private	IPP	Solar	250	42.67	23.70
Sprng Agnitra Npkunta	Andhra Pradesh	Private	IPP	Solar	100	42.59	24.00
Tata Npkunta	Andhra Pradesh	Private	IPP	Solar	250	14.94	8.30
Acme Kurukshetra Pavagada	Karnataka	Private	IPP	Solar	50	8.20	22.78
Acme Rewari pavagada	Karnataka	Private	IPP	Solar	50	8.23	22.86
Adyah10 Pavagada	Karnataka	Private	IPP	Solar	50	8.25	22.90
Adyah13 Pavagada	Karnataka	Private	IPP	Solar	50	8.36	23.23
Adyah1 Pavagada	Karnataka	Private	IPP	Solar	50	8.82	24.50
Adyah2 Pavagada	Karnataka	Private	IPP	Solar	50	8.37	23.26
Adyah3 Pavagada	Karnataka	Private	IPP	Solar	50	8.68	24.12
Adyah6 Pavagada	Karnataka	Private	IPP	Solar	50	8.53	23.69
Avaada Pavagada	Karnataka	Private	IPP	Solar	150	24.63	22.80
Avaada Solarise Pavagada	Karnataka	Private	IPP	Solar	150	24.65	22.82
Azure Power Pavagada	Karnataka	Private	IPP	Solar	100	17.43	24.21
Fortum Finsurya Pavagada	Karnataka	Private	IPP	Solar	100	15.02	20.86

Fortum Pavagada	Karnataka	Private	IPP	Solar	250	41.19	22.88
Kredl Pavagada	Karnataka	Private	IPP	Solar	50	7.60	21.10
Parampujya Pavagada	Karnataka	Private	IPP	Solar	150	23.88	22.11
Renew Pavagada	Karnataka	Private	IPP	Solar	50	7.57	21.01
SBG Pavagada	Karnataka	Private	IPP	Solar	200	34.47	23.94
Tata Pavagada	Karnataka	Private	IPP	Solar	400	65.50	22.74
Yarrow Pavagada	Karnataka	Private	IPP	Solar	50	8.03	22.30
Southern Region **					3450	736.99	
Total					10430	2090.34	

*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) October'20 21	RE Generation (MU)' October 2020	RE Generation (MU) April'2021- October'2021	RE Generation (MU) April'2020- October'20 20
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.67	0.60	4.20	4.23
NTPC Bhadla	Rajasthan	260	Solar	39.17	35.75	265.09	267.54
NTPC Dadri_Solar *	Uttar Pradesh	5	Solar	0.58	0.58	3.99	4.16
NTPC Unchahar_Solar *	Uttar Pradesh	10	Solar	1.14	1.12	7.31	9.40
NTPC Singrauli_Solar *	Uttar Pradesh	15	Solar	1.64	1.70	11.66	12.34
NTPC Auraiya	Uttar Pradesh	20	Solar	2.94	0.00	20.25	0.00
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro		0.00	13.72	13.70
NTPC Rojmal	Gujarat	50	Wind	4.19	3.73	61.29	48.00
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	6.86	6.59	41.62	45.60
NTPC Mandsaur	Madhya Pradesh	250	Solar	34.46	31.01	216.06	229.20
NTPC Anantapuram	Andhra Pradesh	250	Solar	28.80	27.52	221.10	218.04
NTPC Ramagundam	Telangana	27.5	Solar	1.19	0.88	7.16	7.85
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.40	0.47	2.84	2.71
NTPC Talchar_Solar	Orissa	10	Solar	1.09	1.05	7.63	7.73
NTPC Solar_Bilhaur	Uttar Pradesh	225	Solar	45.31	0.00	278.17	0.00
Simhadri Floating Project	Andhra Pradesh	25	Solar	3.93	0.00	9.28	0.00
Total NTPC		1215.5		172.39	111.00	1171.36	870.51
THDC							

THDC Patan Wind Power Project	Gujarat	50	Wind	2.37	2.34	52.89	46.99
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	5.70	5.06	96.41	79.47
THDC Solar Kasaragod	Kerala	50	Solar	7.70	0.00	45.00	0.00
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.04	0.00	0.22	0.00
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	4.62	12.21	29.99	34.94
Total THDC		187.5		20.43	19.61	224.51	161.40
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	4.44	3.38	57.00	42.85
NHPC Solar Power Project	Tamilnadu	50	Solar	6.39	7.44	52.65	54.50
Total NHPC		100		10.83	10.82	109.65	97.35
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	2.31	2.90	68.31	44.80
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	7.75	5.67	111.52	87.31
ONGC Solar, Goa	Goa	1.00	Solar	0.12	0.10	0.78	0.78
ONGC Solar, Hazira	Gujarat	10.00	Solar	1.29	1.05	8.15	8.49
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.558	0.62	3.71	4.71
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.09	0.08	0.65	0.66
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.12	0.10	0.77	0.30
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.00	0.34	0.54	0.76
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.40	0.49	3.19	2.78
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.15	0.13	0.97	1.01
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.13	0.12	0.83	0.87
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.02	0.17	0.15

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	0.05	0.04
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0	0.00	0.00	0.00
Total ONGC		184.05		12.95	11.62	199.66	152.69
SJVN Limited **							
Khirvire Wind Power	Maharashtra	47.60	Wind	8.07	13.80	46.78	53.01
Sadla Wind Power	Gujarat	50.00	Solar	6.07	11.15	66.89	53.68
Charanka Solar Power	Gujarat	5.60	Solar	0.56	0.30	4.62	3.62
Total SJVN		103.2		14.70	25.25	118.30	110.31
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.97	2.19	14.28	14.92
Oil India Ltd	Rajasthan	67.6	Wind	4.83	3.22	57.62	46.32
Oil India Ltd	Gujarat	43.3	Wind	4.51	5.39	55.50	47.27
Oil India Ltd	Madhya Pradesh	63.2	Wind	3.90	6.90	82.31	79.24
Total Oil India Ltd		188.1		15.21	17.69	209.71	187.75
NEEPCO							
NEEPCO	Tripura	5	Solar	0.44	0.32	3.04	3.08
DVC							0.00
DVC	West Bangal	0.08	Solar	0.10	0.00	2.96	0.01
DVC	Jharkhand	4	Small Hydro	2.76	1.04	9.67	1.55
Total DVC		4.08		2.86	1.05	12.63	1.56
All India Total		1987.43		249.79	197.36	2048.86	1584.66

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.

** Generation is taken from RE generation report of September 2021.



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