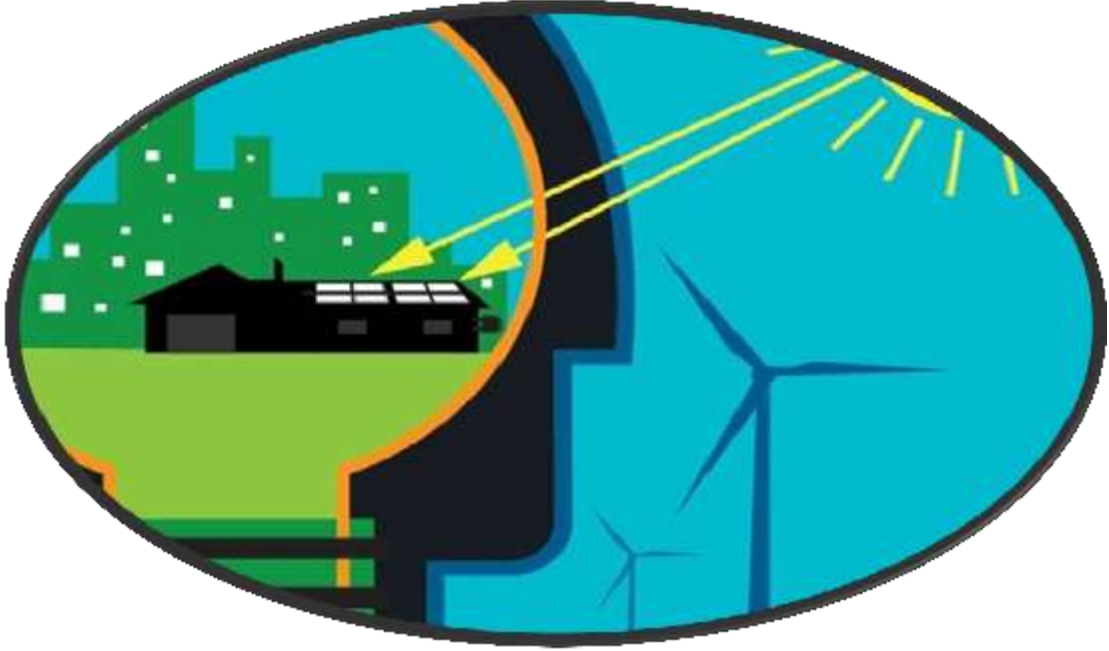




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नवीकरणीय ऊर्जा परियोजनाप्रबोधनप्रभाग
Renewable Energy Project Monitoring Division

मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

Monthly Renewable Energy Generation Report



September 2021

सितंबर 2021

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Summary of All India Renewable Energy Generation

Source	Installed Capacity (MW) (As on 30.09.2021)	RE Generation (MU) September' 2021	RE Generation (MU) September '2020	% of same period Last Year	RE Generation (MU) April'2021-September '2021	RE Generation (MU) April'2020-September '2020	% of same period Last Year
Wind	39870.45	6981.27	4852.12	143.88	48294.82	39072.13	123.60
Solar	46275.14	5409.09	4550.70	118.86	34151.69	29129.90	117.24
Biomass	10175.61	252.72	251.31	100.56	1764.43	1643.82	107.34
Bagasse		138.70	201.69	68.77	2421.87	2243.28	107.96
Small Hydro	4809.81	1525.11	1377.01	110.76	5943.59	6013.07	98.84
Others	401.84	181.98	140.45	129.57	1042.31	631.12	165.15
Total	101532.85	14488.86	11373.28	127.39	93618.70	78733.31	118.91

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) September'2021	RE Generation (MU) September'2020	RE Generation (MU) April'2021- September'2021	RE Generation (MU) April'2020- September'2020
NR				
Chandigarh	0.22	0.29	7.28	5.70
Delhi	44.71	33.12	216.47	233.41
Haryana	89.31	60.08	461.54	351.49
Himachal Pradesh	338.49	290.01	1265.04	1642.98
J & K	37.40	42.42	281.11	312.25
Ladakh	0.00	0.00	0.00	0.00
Punjab	366.04	237.39	1872.28	1499.40
Rajasthan	1487.95	1153.20	11471.19	9123.59
Uttar Pradesh	271.57	184.91	2090.90	1886.99
Uttarakhand*	71.67	109.85	430.02	697.80
Northern Region Total	2707.36	2111.26	18095.83	15753.61
WR				
Chhattisgarh	166.94	125.20	966.29	730.94
Gujarat	1498.49	874.41	13999.51	9537.17
Madhya Pradesh	572.73	683.07	4954.70	4711.11
Maharashtra	1163.61	665.11	7986.93	6699.65
Dadra and Nagar Haveli	2.89	0.38	20.55	2.87
Daman & Diu	3.17	2.80	22.73	15.40
Goa	0.10	0.10	0.64	0.66
Western Region Total	3407.92	2351.07	27951.35	21697.79
SR				
Andhra Pradesh	1646.21	1127.91	9536.16	7805.82
Telangana	548.11	480.62	3530.12	3313.65
Karnataka	2783.60	2218.14	15512.18	14102.32
Kerala	155.18	132.15	829.04	579.91
Tamil Nadu	2928.50	2673.07	16469.81	14088.15
Lakshadweep	0.02	0.03	0.15	0.24
Puducherry *	1.02	0.37	6.12	2.22
Southern Region Total	8062.65	6632.29	45883.57	39892.31
ER				
Andaman Nicobar	3.02	12.42	16.33	21.38
Bihar	14.77	14.19	86.05	143.48
Jharkhand	1.34	2.33	9.18	10.20
Orissa	105.75	91.01	555.21	422.15

Sikkim *	1.03	5.41	6.18	27.89
West Bengal	158.87	133.87	891.10	659.21
Eastern Region Total	284.78	259.22	1564.06	1284.31
NER				
Arunachal Pradesh*	0.17	0.14	1.03	1.03
Assam*	10.31	3.33	53.39	19.86
Manipur	0.46	0.48	3.42	3.45
Meghalaya	4.56	3.03	21.75	18.18
Mizoram	3.23	5.13	9.11	20.03
Nagaland	6.90	6.85	30.89	37.76
Tripura *	0.51	0.49	4.31	4.99
North Eastern Region Total	26.14	19.45	123.89	105.29
All India Total	14488.86	11373.28	93618.71	78733.31

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 August 2021.

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

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) September'2021	Wind Power Generation(MU) September'2020	Wind Power Generation(MU) April'2021- September'2021	Wind Power Generation(MU) April'2020- September'2020
NR				
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	296.85	284.98	4519.09	3633.22
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	296.85	284.98	4519.09	3633.22
WR				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1106.05	550.36	10974.24	7324.22
Madhya Pradesh	256.65	216.97	2859.81	2474.77
Maharashtra	827.32	364.36	5246.35	4538.70
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	2190.02	1131.68	19080.40	14337.69
SR				
Andhra Pradesh	983.12	592.27	5309.93	4313.21
Telangana	26.74	13.29	164.99	122.59
Karnataka	1270.42	687.06	6760.97	5971.75
Kerala	16.92	15.31	92.46	82.63
Tamil Nadu	2197.20	2127.03	12366.99	10610.04
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	4494.40	3434.95	24695.33	21100.22
ER				
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
NER				
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	0.50	0.00	1.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region Total	0.00	0.50	0.00	1.00
All India Total	6981.27	4852.12	48294.82	39072.13

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) September'2021	Solar Power Generation(MU) September'2020	Solar Power Generation(MU) April'2021-September'2021	Solar Power Generation(MU) April'2020-September'2020
NR				
Chandigarh	0.22	0.29	7.28	5.70
Delhi	20.04	17.16	105.60	104.02
Haryana	50.57	7.49	233.10	40.05
Himachal Pradesh	3.41	2.30	22.35	17.89
J & K	0.00	1.02	1.71	2.94
Ladakh	0.00	0.00	0.00	0.00
Punjab	111.89	119.15	781.41	769.02
Rajasthan	1166.27	835.37	6753.54	5281.53
Uttar Pradesh	232.72	134.65	1389.23	839.73
Uttarakhand	24.63	25.63	147.78	186.39
Northern Region Total	1609.75	1143.04	9442.00	7247.27
WR				
Chhattisgarh	32.96	29.23	190.97	171.71
Gujarat	381.07	303.51	2952.34	2069.01
Madhya Pradesh	280.36	421.31	1971.92	2085.19
Maharashtra	204.64	185.18	1571.27	1216.73
Dadra and Nagar Haveli	2.89	0.38	20.55	2.87
Daman & Diu	2.12	1.95	16.99	11.77
Goa	0.10	0.10	0.64	0.66
Western Region Total	904.14	941.66	6724.68	5557.94
SR				
Andhra Pradesh	608.91	479.37	3969.59	3291.91
Telangana	478.74	441.57	3140.89	3046.68
Karnataka	1051.03	1002.65	6521.54	6469.05
Kerala	39.01	23.28	229.13	109.77
Tamil Nadu	645.21	455.70	3648.66	3047.96
Lakshadweep	0.02	0.03	0.15	0.24
Puducherry	1.02	0.37	6.12	2.22
Southern Region Total	2823.94	2402.97	17516.08	15967.84
ER				
Andaman Nicobar	1.34	7.61	9.73	13.20
Bihar	12.77	12.53	79.75	89.38
Jharkhand	1.34	1.28	8.91	7.60
Orissa	41.91	35.56	282.32	205.23

Sikkim	0.00	0.00	0.00	0.00
West Bengal	7.23	4.52	49.10	31.59
Eastern Region Total	64.59	61.50	429.82	347.00
NER				
Arunachal Pradesh	0.13	0.10	0.89	0.76
Assam	5.48	0.44	30.76	2.46
Manipur	0.46	0.48	3.42	3.45
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.09	0.02	1.17	0.14
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.51	0.49	2.87	3.05
North Eastern Region Total	6.67	1.53	39.10	9.85
All India Total	5409.09	4550.70	34151.68	29129.90

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) September'2021	Biomass Power Generation(MU) September'2020	Biomass Power Generation(MU) April'2021- September'2021	Biomass Power Generation(MU) April'2020- September'2020
NR				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	12.45	15.10	85.28	83.68
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	29.76	45.31	269.93	272.01
Rajasthan	24.71	32.48	198.22	207.65
Uttar Pradesh	8.31	0.00	45.56	51.52
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	75.23	92.88	598.99	614.87
WR				
Chhattisgarh	96.63	69.25	652.48	469.13
Gujarat	0.00	0.00	0.00	43.13
Madhya Pradesh	0.72	0.10	0.89	0.15
Maharashtra	26.43	28.01	167.87	161.65
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.05	0.85	5.73	3.64
Goa	0.00	0.00	0.00	0.00
Western Region Total	124.83	98.21	826.97	677.69
SR				
Andhra Pradesh	8.15	12.72	58.18	66.33
Telangana	8.70	12.49	60.87	83.21
Karnataka	16.85	17.51	102.38	99.89
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	10.27	14.10	63.63	68.30
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00

Southern Region Total	43.97	56.82	285.07	317.74
ER				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	1.66	2.14	9.42
Jharkhand	0.00	0.00	0.00	0.00
Orissa	8.69	1.74	51.26	24.10
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region Total	8.69	3.40	53.40	33.52
NER				
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	252.72	251.31	1764.43	1643.82

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) September'2021	Bagasse Power Generation(MU) September'2020	Bagasse Power Generation(MU) April'2021-September'2021	Bagasse Power Generation(MU) April'2020-September'2020
NR				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	0.00	4.04	14.75	46.74
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	36.72	31.82
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	3.62	27.93	580.95	935.59
Uttarakhand	20.26	0.00	121.56	29.23
Northern Region Total	23.88	31.97	753.98	1043.37
WR				
Chhattisgarh	0.00	0.00	0.00	5.08
Gujarat	0.00	0.00	2.04	2.39
Madhya Pradesh	0.00	0.00	2.86	0.00
Maharashtra	7.94	3.75	567.33	362.51
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	7.94	3.75	572.23	369.98
SR				
Andhra Pradesh	1.04	1.89	18.27	13.63
Telangana	0.00	0.00	0.00	0.10
Karnataka	52.52	111.44	802.53	372.24
Kerala	3.96	3.93	24.12	22.36
Tamil Nadu	49.35	48.71	250.75	271.39
Lakshadweep	0.00	0.00	0.00	0.00

Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	106.87	165.96	1095.66	679.72
ER				
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
NER				
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	138.70	201.69	2421.87	2243.28

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) September'2021	Small Hydro Power Generation(MU) September'2020	Small Hydro Power Generation(MU) April'2021-September'2021	Small Hydro Power Generation(MU) April'2020-September'2020
NR				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	26.29	33.45	128.41	181.02
Himachal Pradesh	335.08	287.71	1242.69	1625.09
J & K	37.40	41.40	279.40	309.31
Ladakh	0.00	0.00	0.00	0.00
Punjab	224.39	72.93	784.00	426.54
Rajasthan	0.12	0.37	0.33	1.19
Uttar Pradesh	26.92	22.33	75.18	60.15
Uttarakhand	26.78	84.22	160.68	482.18
Northern Region Total	676.98	542.42	2670.69	3085.47
WR				
Chhattisgarh	37.35	26.72	122.85	85.02
Gujarat	11.37	20.54	70.90	87.81
Madhya Pradesh	33.50	42.41	103.78	134.79
Maharashtra	97.28	83.80	434.05	420.02
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	179.50	173.47	731.57	727.63
SR				
Andhra Pradesh	40.00	34.03	139.80	104.49
Telangana	11.62	7.43	34.44	23.39
Karnataka	392.79	399.49	1324.76	1189.38
Kerala	95.29	89.64	483.33	365.15
Tamil Nadu	26.47	27.53	139.78	90.46
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00

Southern Region Total	566.17	558.11	2122.11	1772.87
ER				
Andaman Nicobar	1.69	4.81	6.60	8.18
Bihar	2.00	0.00	4.16	43.20
Jharkhand	0.00	1.04	0.27	2.60
Orissa	55.14	53.70	221.63	192.82
Sikkim	1.03	5.41	6.18	27.89
West Bengal	23.13	20.63	95.59	57.96
Eastern Region Total	82.99	85.59	334.43	332.65
NER				
Arunachal Pradesh	0.04	0.04	0.14	0.26
Assam	4.83	2.89	22.63	17.40
Manipur	0.00	0.00	0.00	0.00
Meghalaya	4.56	3.03	21.75	18.18
Mizoram	3.15	5.11	7.94	19.90
Nagaland	6.90	6.35	30.89	36.76
Tripura	0.00	0.00	1.44	1.94
North Eastern Region Total	19.48	17.42	84.79	94.44
All India Total	1525.11	1377.01	5943.59	6013.07

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) September'2021	Others Power Generation(MU) September'2020	Others Power Generation(MU) April'2021- September'2021	Others Power Generation(MU) April'2020- September'2020
NR				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	24.67	15.96	110.87	129.39
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	0.22	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	24.67	15.96	111.09	129.40
WR				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	0.00	10.61
Madhya Pradesh	1.50	2.28	15.45	16.21
Maharashtra	0.00	0.00	0.05	0.04
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	1.50	2.29	15.49	26.86
SR				
Andhra Pradesh	4.99	7.63	40.39	16.25
Telangana	22.31	5.84	128.93	37.68
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	27.30	13.47	169.32	53.93
ER				
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	128.51	108.73	746.41	420.94
Eastern Region Total	128.51	108.73	746.41	420.94
NER				
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	181.98	140.45	1042.31	631.12

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 September 2021

Monthly RE generation from Inter State Generating Station (ISGS) for September 2021							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
Auraiya*	Uttar Pradesh	Central	NTPC	Solar	20	2.59	17.41
Dadri Solar *	Uttar Pradesh	Central	NTPC	Solar	5	0.46	12.37
Singrauli Solar*	Uttar Pradesh	Central	NTPC	Solar	15	1.54	13.80
Unchahar Solar*	Uttar Pradesh	Central	NTPC	Solar	10	0.91	12.23
Kilaj Solar(Maharashtra) Pvt Ltd.	Rajasthan	Private	IPP	Solar	50	9.22	24.78
Mahindra Renewable Pvt Ltd	Rajasthan	Private	IPP	Solar	250	44.91	24.15
Mahoba Solar (UP) Pvt Ltd	Rajasthan	Private	IPP	Solar	200	35.63	23.94
Azure Forty Three Pvt Ltd	Rajasthan	Private	IPP	Solar	300	44.49	19.93
ACME Chittorgarh Energy Pvt Ltd	Rajasthan	Private	IPP	Solar	250	42.55	22.88
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	200	33.14	22.27
Azure Power Thirty Four Pvt Ltd	Rajasthan	Private	IPP	Solar	130	23.92	24.73
M/S Adani Solar Energy Jodhpur Two Pvt Ltd	Rajasthan	Private	IPP	Solar	50	9.59	25.78
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	300	51.48	23.06
Eden Renewable Cite Pvt Ltd	Rajasthan	Central	IPP	Solar	175	50.43	38.73
Renew Jharkhand	Rajasthan	Central	IPP	Solar	150	22.45	20.12
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	50	9.30	25.00
Renew Sun Waves Pvt Ltd	Rajasthan	Central	IPP	Solar	150	39.80	35.66
Renew Solar Power Pvt Ltd . Bikaner	Rajasthan	Private	IPP	Solar	250	46.49	24.99

SB Energy Four Pvt Ltd	Rajasthan	Private	IPP	Solar	200	36.06	24.23
SB Energy Six Pvt Ltd	Rajasthan	Private	IPP	Solar	300	54.45	24.40
SBSR Power Cleantech Eleven Pvt Ltd	Rajasthan	Central	IPP	Solar	50	5.65	15.19
TATA Power Renewable Energy Pvt Ltd	Rajasthan	Private	IPP	Solar	150	44.84	40.18
Adani Hybrid Energy jaisalmer One Ltd Solar	Rajasthan	Central	IPP	Solar	200	49.42	33.21
Northern Region **					3255	609.90	
Acme Solar (Ram Nagar)	Madhya Pradesh	Private	IPP	Solar	250	38.28	20.58
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	250	38.46	20.68
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	250	37.98	20.42
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	400	35.82	12.04
Alfanar Wind	Gujarat	Private	IPP	Wind	300	43.56	19.52
GIWEL-II Wind (Vadva)	Gujarat	Private	IPP	Wind	250	43.46	23.37
GIWEL-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	300	42.83	19.19
Aadni Green Energy MP Ltd (Dayapar)	Gujarat	Private	IPP	Wind	500	83.77	22.52
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	250	29.67	15.95
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	250	40.82	21.95
Renew Wind Energy AP2	Gujarat	Private	IPP	Wind	300	61.72	27.65
Western Region **					3000	496.37	
Betam Tuticorin	Tamil Nadu	Private	IPP	Wind	250	66.58	36.99
Girel Tuticorin	Tamil Nadu	Private	IPP	Wind	250	76.76	42.64
Mytrah Tuticorin	Tamil Nadu	Private	IPP	Wind	250	62.78	34.88
Orange Tuticorin	Tamil Nadu	Private	IPP	Wind	200	60.95	42.32
Ostro Hiriyyur	Tamil Nadu	Private	IPP	Wind	84	17.62	29.14
Spring Pugalur	Lakshadweep	Private	IPP	Wind	279	101.79	50.67

Biwadi Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.97	24.91
Hisar Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.90	24.72
Karnal Npkunta	Andhra Pradesh	Private	IPP	Solar	50	9.05	25.14
Ayana Npkunta	Andhra Pradesh	Private	IPP	Solar	250	46.91	26.06
Azure Npkunta	Andhra Pradesh	Private	IPP	Solar	50	7.02	19.49
FRV2 Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.57	23.80
FRV Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.18	22.74
NTPC Npkunta	Andhra Pradesh	Private	IPP	Solar	250	29.86	16.59
SBG Npkunta	Andhra Pradesh	Private	IPP	Solar	250	46.31	25.73
Sprng Agnitra Npkunta	Andhra Pradesh	Private	IPP	Solar	100	46.22	24.00
Tata Npkunta	Andhra Pradesh	Private	IPP	Solar	250	15.78	8.77
Acme Kurukshetra Pavagada	Karnataka	Private	IPP	Solar	50	8.59	23.85
Acme Rewari pavagada	Karnataka	Private	IPP	Solar	50	8.60	23.88
Adyah10 Pavagada	Karnataka	Private	IPP	Solar	50	8.73	24.25
Adyah13 Pavagada	Karnataka	Private	IPP	Solar	50	8.92	24.77
Adyah1 Pavagada	Karnataka	Private	IPP	Solar	50	9.29	25.80
Adyah2 Pavagada	Karnataka	Private	IPP	Solar	50	8.16	22.68
Adyah3 Pavagada	Karnataka	Private	IPP	Solar	50	9.35	25.97
Adyah6 Pavagada	Karnataka	Private	IPP	Solar	50	9.26	25.72
Avaada Pavagada	Karnataka	Private	IPP	Solar	150	26.72	24.74
Avaada Solarise Pavagada	Karnataka	Private	IPP	Solar	150	25.76	23.85
Azure Power Pavagada	Karnataka	Private	IPP	Solar	100	18.61	25.84
Fortum Finsurya Pavagada	Karnataka	Private	IPP	Solar	100	15.69	21.79
Fortum Pavagada	Karnataka	Private	IPP	Solar	250	43.96	24.42
Kredl Pavagada	Karnataka	Private	IPP	Solar	50	8.17	22.69

Parampujya Pavagada	Karnataka	Private	IPP	Solar	150	25.16	23.30
Renew Pavagada	Karnataka	Private	IPP	Solar	50	8.33	23.13
SBG Pavagada	Karnataka	Private	IPP	Solar	200	36.68	25.47
Tata Pavagada	Karnataka	Private	IPP	Solar	400	69.82	24.24
Yarrow Pavagada	Karnataka	Private	IPP	Solar	50	8.47	23.54
Southern Region **					3450	980.52	
Total					9705	2086.79	

*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) September' 2021	RE Generation (MU) September'20 20	RE Generation (MU) April'2021- September'2 021	RE Generation (MU) April'2020- September' 2020
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.53	0.60	3.54	3.67
NTPC Bhadla	Rajasthan	260	Solar	31.97	35.75	225.92	229.50
NTPC Dadri_Solar *	Uttar Pradesh	5	Solar	0.46	0.58	3.41	3.57
NTPC Unchahar _Solar *	Uttar Pradesh	10	Solar	0.91	1.12	6.17	7.34
NTPC Singrauli _Solar *	Uttar Pradesh	15	Solar	1.54	1.70	10.01	10.64
NTPC Auraiya	Uttar Pradesh	20	Solar	2.59	0.00	17.31	0.00
NTPC Singrauli _SH	Uttar Pradesh	8	Small Hydro	0.00	0.00	13.72	13.70
NTPC Rojmal	Gujarat	50	Wind	7.16	3.73	57.09	43.55
NTPC Rajgarh _Solar	Madhya Pradesh	50	Solar	4.63	6.59	34.76	38.91
NTPC Mandsaur	Madhya Pradesh	250	Solar	24.08	31.01	181.60	194.89
NTPC Anantapuram	Andhra Pradesh	250	Solar	30.71	27.52	192.30	189.49
NTPC Ramagundam	Telangana	10	Solar	0.86	0.88	5.97	6.75
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.34	0.47	2.44	2.33
NTPC Talchar _Solar	Orissa	10	Solar	0.92	1.05	6.53	6.61
NTPC Solar_Bilhaur	Uttar Pradesh	225	Solar	37.47	0.00	232.86	0.00
Simhadri Floating Project	Andhra Pradesh	25	Solar	2.91	0.00	5.60	0.00
Total NTPC		1198		147.08	111.00	999.23	750.96
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	3.22	2.34	50.52	44.00
THDC Devbhumi Dwarka Wind Power	Gujarat	63	Wind	10.47	5.06	90.71	73.37

Project							
THDC Solar Kasaragod	Kerala	50	Solar	7.22	0.00	37.30	0.00
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.03	0.00	0.18	0.00
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	11.64	12.21	25.37	23.85
Total THDC		187.5		32.58	19.61	204.08	141.22
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	3.21	3.43	52.56	39.47
NHPC Solar Power Project	Tamilnadu	50	Solar	7.67	6.37	46.26	47.06
Total NHPC		100		10.88	9.80	98.81	86.54
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	6.12	2.90	66.01	43.09
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	5.22	5.67	103.77	82.33
ONGC Solar, Goa	Goa	1.00	Solar	0.116	0.10	0.66	0.66
ONGC Solar, Hazira	Gujarat	10.00	Solar	0.78	1.05	6.86	7.18
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.20	0.62	3.15	3.34
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.08	0.08	0.56	0.58
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.12	0.10	0.65	0.20
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.00	0.34	0.54	0.36
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.52	0.49	2.79	2.34
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.14	0.13	0.83	0.88
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.09	0.12	0.70	0.62
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.024	0.02	0.14	0.13
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.0004	0.00	0.005	0.01

ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.005	0.01	0.04	0.02
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0	0.00	0.00	0.00
Total ONGC		184.05		13.45	11.62	186.71	141.74
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	8.07	13.80	38.72	51.37
Sadla Wind Power	Gujarat	50.00	Solar	6.07	11.15	60.82	50.41
Charanka Solar Power	Gujarat	5.60	Solar	0.56	0.30	4.06	3.61
Total SJVN		103.2		14.71	25.25	88.69	105.39
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.85	1.94	12.31	12.73
Oil India Ltd	Rajasthan	67.6	Wind	3.30	4.47	52.79	43.10
Oil India Ltd	Gujarat	43.3	Wind	6.95	3.72	50.99	41.88
Oil India Ltd	Madhya Pradesh	63.2	Wind	6.92	5.99	78.41	72.34
Total Oil India Ltd		188.1		19.02	16.12	194.50	170.05
NEEPCO							
NEEPCO	Tripura	5	Solar	0.50	0.49	2.78	2.76
DVC						0.00	
DVC	West Bangal	0.08	Solar	2.81	0.00	2.85	0.01
DVC	Jharkhand	4	Small Hydro	0.01	1.04	6.92	1.55
Total DVC		4.08		2.81	1.05	9.77	1.56
All India Total		1969.93		241.03	194.94	1784.58	1400.22

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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