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Central Electricity Authority
नवीकरणीय ऊर्जा परियोजनाप्रबोधनप्रभाग
Renewable Energy Project Monitoring Division

मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

Monthly Renewable Energy Generation Report



August 2021

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Summary of All India Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.08.2021)	RE Generation (MU) August'2020	RE Generation (MU) August '2021	% of same period Last Year	RE Generation (MU) April'2020-August '2020	RE Generation (MU) April'2021-August '2021	% of same period Last Year
Wind	39691.15	9645.51	9348.92	96.93	34220.01	41313.55	120.73
Solar	45611.91	4264.74	5449.51	127.78	24579.20	28742.60	116.94
Biomass	10170.61	231.15	300.44	129.98	1392.51	1511.71	108.56
Bagasse		194.88	151.57	77.78	2041.59	2283.17	111.83
Small Hydro	4807.81	1274.72	1476.14	115.80	4636.06	4418.47	95.31
Others	401.84	153.25	179.66	117.23	490.67	860.34	175.34
Total	100683.32	15764.25	16906.23	107.24	67360.03	79129.84	117.47

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) August'2020	RE Generation(MU) August'2021	RE Generation(MU) April'2020-August' 2020	RE Generation(MU) April'2021-August' 2021
Chandigarh	0.28	2.53	5.41	7.06
Delhi #	39.34	44.71	200.29	171.76
Haryana	46.52	86.21	291.41	372.23
Himachal Pradesh	284.83	328.80	1352.97	926.55
J & K	46.97	38.90	269.83	243.71
Ladakh	0.00	0.00	0.00	0.00
Punjab	252.91	350.72	1262.02	1506.24
Rajasthan	1420.37	2315.64	7970.39	9983.24
Uttar Pradesh	153.47	248.33	1702.08	1819.33
Uttarakhand *	109.85	71.67	587.95	358.35
Northern Region	2354.54	3487.51	13642.35	15388.47
Chhattisgarh	58.80	197.81	605.73	799.35
Gujarat	1911.44	2437.86	8662.76	12501.02
Madhya Pradesh	799.55	833.20	4028.04	4381.98
Maharashtra	1744.60	1166.17	6034.53	6823.32
Dadra and Nagar Haveli	0.28	3.03	2.49	17.66
Daman & Diu	2.77	2.99	12.60	19.56
Goa	0.09	0.11	0.56	0.54
Western Region	4517.55	4641.17	19346.72	24543.43
Andhra Pradesh	1711.18	1694.42	6677.91	7889.95
Telangana	457.98	548.11	2833.04	2982.00
Karnataka	3173.38	2557.47	11884.18	12728.57
Kerala	127.32	164.51	447.76	673.85
Tamil Nadu	3164.55	3483.68	11415.08	13541.31
Lakshadweep	0.04	0.02	0.21	0.13
Puducherry *	0.37	1.02	1.85	5.10
Southern Region	8634.81	8449.23	33260.02	37820.92
Andaman Nicobar	3.01	3.02	8.96	13.31
Bihar	14.19	17.28	129.30	71.28
Jharkhand	2.32	1.39	7.09	7.84
Orissa	75.20	116.20	331.14	449.47
Sikkim *	5.41	1.03	22.48	5.15
West Bengal	135.64	156.94	526.13	732.23
Eastern Region	235.76	295.87	1025.10	1279.28
Arunachal Pradesh	0.15	0.17	0.89	0.86
Assam	5.18	10.31	16.52	43.08

Manipur	1.13	1.11	2.96	2.96
Meghalaya	3.03	4.08	15.15	17.19
Mizoram *	3.74	2.56	14.91	5.87
Nagaland	7.86	13.88	30.91	23.99
Tripura	0.50	0.34	4.50	3.80
North Eastern Region	21.59	32.45	85.84	97.75
All India Total	15764.25	16906.23	67360.03	79129.85

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 July 2021.

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

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) August'2020	Wind Power Generation(MU) August'2021	Wind Power Generation(MU) April'2020-August'2020	Wind Power Generation(MU) April'2021-August'2021
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	593.30	1003.52	3348.24	4222.24
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	593.30	1003.52	3348.24	4222.24
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1641.71	1946.93	6773.87	9868.19
Madhya Pradesh	522.09	550.43	2257.80	2603.16
Maharashtra	1461.14	856.18	4174.34	4419.03
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	3624.94	3353.54	13206.00	16890.38
Andhra Pradesh	1182.13	1041.51	3720.94	4326.81
Telangana	35.76	26.74	109.30	138.25
Karnataka	1691.44	1136.35	5284.69	5490.55
Kerala	16.65	19.31	67.32	75.54
Tamil Nadu	2500.79	2767.95	8483.01	10169.79
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	5426.76	4991.86	17665.26	20200.93
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	0.00	0.00	0.00	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	0.50	0.00	0.50	0.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region	0.50	0.00	0.50	0.00
All India Total	9645.51	9348.92	34220.01	41313.55

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) August'2020	Solar Power Generation(MU) August'2021	Solar Power Generation(MU) April'2020- August'2020	Solar Power Generation(MU) April'2021- August'2021
Chandigarh	0.28	2.53	5.41	7.06
Delhi	14.53	20.04	86.86	85.56
Haryana	7.08	41.88	32.57	182.53
Himachal Pradesh	2.72	3.20	15.60	18.94
J & K	0.97	0.00	1.92	1.71
Ladakh	0.00	0.00	0.00	0.00
Punjab	116.86	132.95	649.87	669.52
Rajasthan	791.56	1279.34	4446.16	5587.28
Uttar Pradesh	123.35	216.68	705.08	1156.51
Uttarakhand	25.63	24.63	160.76	123.15
Northern Region	1082.97	1721.25	6104.23	7832.25
Chhattisgarh	21.96	35.53	142.48	158.01
Gujarat	250.53	475.77	1765.50	2571.27
Madhya Pradesh	242.69	256.60	1663.88	1691.55
Maharashtra	154.12	202.71	1031.55	1366.63
Dadra and Nagar Haveli	0.28	3.03	2.49	17.66
Daman & Diu	1.57	2.07	9.81	14.88
Goa	0.09	0.11	0.56	0.54
Western Region	671.25	975.83	4616.28	5820.54
Andhra Pradesh	492.56	604.15	2812.54	3360.68
Telangana	402.55	478.74	2605.12	2662.15
Karnataka	1008.36	940.64	5466.40	5470.51
Kerala	25.09	34.73	86.50	190.11
Tamil Nadu	536.89	613.10	2592.26	3003.45
Lakshadweep	0.04	0.02	0.21	0.13
Puducherry	0.37	1.02	1.85	5.10
Southern Region	2465.85	2672.40	13564.87	14692.14
Andaman Nicobar	1.41	1.34	5.59	8.40
Bihar	12.53	16.20	76.85	66.98
Jharkhand	1.28	1.39	6.32	7.57
Orissa	22.49	46.64	169.67	240.41
Sikkim	0.00	0.00	0.00	0.00
West Bengal	4.70	7.23	27.07	41.87
Eastern Region	42.40	72.79	285.50	365.23
Arunachal Pradesh	0.11	0.13	0.67	0.76
Assam	0.51	5.48	2.02	25.28

Manipur	1.13	1.11	2.96	2.96
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.02	0.18	0.11	1.08
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.50	0.34	2.56	2.36
North Eastern Region	2.27	7.24	8.32	32.44
All India Total	4264.74	5449.51	24579.20	28742.60

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 Biomass Power Generation

Name of State/UT	Biomass Power Generation(MU) August'2020	Biomass Power Generation(MU) August'2021	Biomass Power Generation(MU) April'2020-August'2020	Biomass Power Generation(MU) April'2021-August'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	11.65	18.04	68.58	72.83
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	47.10	38.12	226.71	240.17
Rajasthan	35.23	32.69	175.17	173.51
Uttar Pradesh	0.00	4.69	51.52	37.25
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	93.98	93.53	521.98	523.77
Chhattisgarh	31.88	119.76	399.88	555.85
Gujarat	3.89	0.00	43.13	0.00
Madhya Pradesh	0.05	0.17	0.06	0.17
Maharashtra	32.09	28.78	133.64	141.44
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.20	0.92	2.79	4.68
Goa	0.00	0.00	0.00	0.00
Western Region	69.12	149.62	579.48	702.14
Andhra Pradesh	12.13	10.79	53.61	50.03
Telangana	11.45	8.70	70.72	52.17
Karnataka	19.95	16.58	82.39	85.53
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	13.88	11.06	54.20	53.36
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	57.41	47.13	260.92	241.10
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	1.66	0.00	7.76	2.14
Jharkhand	0.00	0.00	0.00	0.00

Orissa	8.98	10.16	22.35	42.58
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region	10.64	10.16	30.12	44.71
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	0.00	0.00	0.00	0.00
All India Total	231.15	300.44	1392.51	1511.71

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) August'2020	Bagasse Power Generation(MU) August'2021	Bagasse Power Generation(MU) April'2020-August'2020	Bagasse Power Generation(MU) April'2021- August'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	0.00	0.00	42.70	14.75
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	4.47	1.48	31.82	36.72
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	18.76	7.56	907.66	577.32
Uttarakhand	0.00	20.26	29.23	101.30
Northern Region	23.23	29.30	1011.40	730.09
Chhattisgarh	0.00	0.00	5.08	0.00
Gujarat	0.00	0.00	2.39	2.04
Madhya Pradesh	0.00	0.00	0.00	2.86
Maharashtra	6.75	7.96	358.75	559.39
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	6.75	7.96	366.22	564.29
Andhra Pradesh	1.82	0.04	11.74	17.23
Telangana	0.10	0.00	0.10	0.00
Karnataka	84.96	50.13	260.80	750.01
Kerala	4.28	4.30	18.43	20.15
Tamil Nadu	73.75	59.84	222.68	201.39
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	164.91	114.31	513.75	988.79
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	1.48	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	148.73	0.00
Eastern Region	0.00	0.00	150.21	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	0.00	0.00	0.00	0.00
All India Total	194.88	151.57	2041.59	2283.17

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 Generation

Name of State/UT	Small Hydro Power Generation(MU) August'2020	Small Hydro Power Generation(MU) August'2021	Small Hydro Power Generation(MU) April'2020- August'2020	Small Hydro Power Generation(MU) April'2021- August'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	27.79	26.29	147.57	102.12
Himachal Pradesh	282.11	325.60	1337.37	907.62
J & K	46.00	38.90	267.91	242.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	84.48	178.16	353.61	559.61
Rajasthan	0.28	0.09	0.81	0.21
Uttar Pradesh	11.37	19.40	37.82	48.25
Uttarakhand	84.22	26.78	397.96	133.90
Northern Region	536.25	615.22	2543.06	1993.71
Chhattisgarh	4.96	42.52	58.30	85.50
Gujarat	15.30	15.16	67.26	59.53
Madhya Pradesh	32.19	23.73	92.38	70.28
Maharashtra	90.51	70.54	336.22	336.77
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	142.96	151.96	554.16	552.07
Andhra Pradesh	15.22	33.53	70.46	99.80
Telangana	4.78	11.62	15.96	22.81
Karnataka	368.67	413.78	789.90	931.97
Kerala	81.31	106.17	275.51	388.05
Tamil Nadu	39.24	31.73	62.93	113.31
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	509.22	596.84	1214.76	1555.95
Andaman Nicobar	1.60	1.69	3.37	4.91
Bihar	0.00	1.08	43.20	2.16
Jharkhand	1.04	0.00	1.55	0.27

Orissa	43.73	59.40	139.12	166.48
Sikkim	5.41	1.03	22.48	5.15
West Bengal	15.68	23.71	37.34	72.47
Eastern Region	67.46	86.91	247.06	251.44
Arunachal Pradesh	0.04	0.04	0.22	0.09
Assam	4.68	4.83	14.51	17.80
Manipur	0.00	0.00	0.00	0.00
Meghalaya	3.03	4.08	15.15	17.19
Mizoram	3.72	2.38	14.79	4.79
Nagaland	7.36	13.88	30.41	23.99
Tripura	0.00	0.00	1.94	1.44
North Eastern Region	18.83	25.22	77.02	65.31
All India Total	1274.72	1476.14	4636.06	4418.47

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) August'2020	Others Power Generation(MU) August'2021	Others Power Generation(MU) April'2020- August'2020	Others Power Generation(MU) April'2021- August'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	24.81	24.67	113.43	86.20
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	0.01	0.01	0.22
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	24.81	24.68	113.44	86.42
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	10.61	0.00
Madhya Pradesh	2.53	2.27	13.92	13.95
Maharashtra	0.00	0.00	0.04	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	2.53	2.27	24.57	13.99
Andhra Pradesh	7.32	4.40	8.62	35.40
Telangana	3.33	22.31	31.83	106.62
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	10.65	26.71	40.45	142.02
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	115.26	126.01	312.21	617.90
Eastern Region	115.26	126.01	312.21	617.90
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	0.00	0.00	0.00	0.00
All India Total	153.25	179.66	490.67	860.34

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.

Renewable Energy Generation from ISGS Plants for August 2021

Station	State/ Region	Sector	Owner	Type	Installed Capacity (MW)	Actual Generation (MU)	Monthly CUF
AURAIYA*	Uttar Pradesh	Central	NTPC	Solar	20	2.66	17.84
DADRI SOLAR *	Uttar Pradesh	Central	NTPC	Solar	5	0.52	13.84
SINGRAULI SOLAR*	Uttar Pradesh	Central	NTPC	Solar	15	1.54	13.84
UNCHAHAHAR SOLAR*	Uttar Pradesh	Central	NTPC	Solar	10	0.86	11.49
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	11.72	31.51
MAHINDRA RENEWABLE PRIVATE LIMITED	Rajasthan	Private	IPP	Solar	250	46.40	24.95
MAHOBA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	44.65	30.01
AZURE FORTY THREE PVT LTD	Rajasthan	Private	IPP	Solar	300	82.31	36.88
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	53.57	28.80
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	39.00	26.21
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	29.57	30.57
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Rajasthan	Private	IPP	Solar	50	11.94	32.10
CLEAN SOLAR POWER (BHADLA) PVT LDT	Rajasthan	Private	IPP	Solar	300	64.83	29.05
EDEN RENEWABLE CITE PRIVATE LIMITED	Rajasthan	Central	IPP	Solar	175	26.13	20.07
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	11.51	30.94
RENEW SUN WAVES PRIVATE LIMITED	Rajasthan	Central	IPP	Solar	150	17.33	15.53
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	54.43	29.26
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	44.93	30.19
SB ENERGY SIX PVT LTD	Rajasthan	Private	IPP	Solar	300	65.94	29.54
SBSR POWER CLEANTECH ELEVEN PRIVATE LIMITED	Rajasthan	Central	IPP	Solar	50	3.17	8.52
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	46.41	41.59

Station	State/ Region	Sector	Owner	Type	Installed Capacity (MW)	Actual Generation (MU)	Monthly CUF
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR	Rajasthan	Central	IPP	Solar	200	24.41	16.40
Northern Region **					3105	659.41	
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	34.59	18.60
ARINSUN SOLAR (BARSITADESH)	Madhya Pradesh	Private	IPP	Solar	250	33.12	17.81
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	34.11	18.34
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	400	72.78	24.46
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	97.86	43.84
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	79.73	42.87
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	84.61	37.91
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	500	158.72	42.67
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	69.23	37.22
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	74.53	40.07
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	106.46	47.70
Western Region **					3000	845.74	
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	89.74	48.25
ORANGE	Tamil Nadu	Private	IPP	Wind	200	73.93	49.68
MYTRA	Tamil Nadu	Private	IPP	Wind	250	74.76	40.19
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	250	83.34	44.81
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Tamil Nadu	Private	IPP	Wind	240	92.11	51.59
Southern Region **					1190	413.88	
Total					7295	1919.03	

*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) August'2020	RE Generation (MU) August'2021	RE Generation (MU) April'2020-August'2020	RE Generation (MU) April'2021-August'2021
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.60	0.59	2.55	3.01
NTPC Bhadla	Rajasthan	260	Solar	39.41	39.04	159.33	193.96
NTPC Dadri_Solar *	Uttar Pradesh	5	Solar	0.57	0.52	2.49	2.95
NTPC Unchahar_Solar *	Uttar Pradesh	10	Solar	1.07	0.97	5.06	5.36
NTPC Singrauli_Solar *	Uttar Pradesh	15	Solar	1.61	1.62	7.38	8.47
NTPC Auraiya	Uttar Pradesh	20	Solar	0.00	2.58	0.00	14.62
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	3.60	1.02	11.69	13.71
NTPC Rojmal	Gujarat	50	Wind	7.33	10.13	27.57	49.93
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	6.48	4.12	27.81	30.14
NTPC Mandsaur	Madhya Pradesh	250	Solar	33.07	22.44	141.22	157.53
NTPC Anantapuram	Andhra Pradesh	250	Solar	30.34	28.02	133.57	161.59
NTPC Ramagundam	Telangana	10	Solar	1.02	0.89	5.26	5.12
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.39	0.42	1.57	2.10
NTPC Talchar_Solar	Orissa	10	Solar	1.08	1.05	4.73	5.62
NTPC Solar_Bilhaur	Uttar Pradesh	225	Solar	0.00	35.16	0.00	195.39
Simhadri Floating Project	Andhra Pradesh	10	Solar	0.00	1.70	0.00	2.51
Total NTPC		1183		126.57	160.87	530.24	701.74
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	9.34	9.12	32.90	47.30

THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	13.73	15.03	49.13	80.24
THDC Solar Kasaragod	Kerala	50	Solar	0.00	6.35	0.00	30.08
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.00	0.03	0.00	0.15
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	0.00	7.57	7.81	13.73
Total THDC		187.5		23.07	38.10	89.84	171.50
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	7.49	11.22	25.50	49.35
NHPC Solar Power Project	Tamilnadu	50	Solar	10.07	7.15	37.08	38.58
Total NHPC		100		17.56	18.36	62.58	87.93
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	5.53	12.13	26.33	59.88
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	20.49	22.49	65.05	98.54
ONGC Solar, Goa	Goa	1.00	Solar	0.09	0.11	0.47	0.54
ONGC Solar, Hazira	Gujarat	10.00	Solar	1.149	0.99	5.32	6.08
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.679	0.53	2.92	2.95
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.10	0.09	0.44	0.48
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.00	0.11	0.00	0.53
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.00	0.00	0.00	0.54
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.37	0.39	1.57	2.27
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.14	0.12	0.59	0.68
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.12	0.07	0.53	0.60
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.017	0.02	0.28687	0.12

ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.003	0.00	0.01262 2	0.00
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.0003	0.01	0.00	0.04
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0	0.00	0.00	0.00
Total ONGC		184.05		28.68	37.07	103.53	173.26
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	5.99	5.35	21.69	30.65
Sadla Wind Power	Gujarat	50.00	Solar	7.38	8.72	27.18	54.55
Charanka Solar Power	Gujarat	5.60	Solar	0.67	0.64	2.98	3.48
Total SJVN		103.2		14.04	14.71	51.85	88.69
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	2.23	2.17	8.81	10.46
Oil India Ltd	Rajasthan	67.6	Wind	10.81	11.72	31.81	49.49
Oil India Ltd	Gujarat	43.3	Wind	8.34	8.82	27.75	44.04
Oil India Ltd	Madhya Pradesh	63.2	Wind	9.37	15.30	51.70	71.49
Total Oil India Ltd		188.1		30.75	38.01	120.07	175.48
NEEPCO							
NEEPCO	Tripura	5	Solar	0.47	0.31	1.77	2.28
DVC							0.00
DVC	West Bangal	0.08	Solar	0.00	0.01	0.01	0.05
DVC	Jharkhand	4	Small Hydro	0.51	2.75	0.51	6.91
Total DVC		4.08		0.51	2.76	0.52	6.96
All India Total		1954.9 3		241.65	299.61	960.40	1558.14

Generation of CPSU owned RE generating stations is shown in respective state in sheet No.2 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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