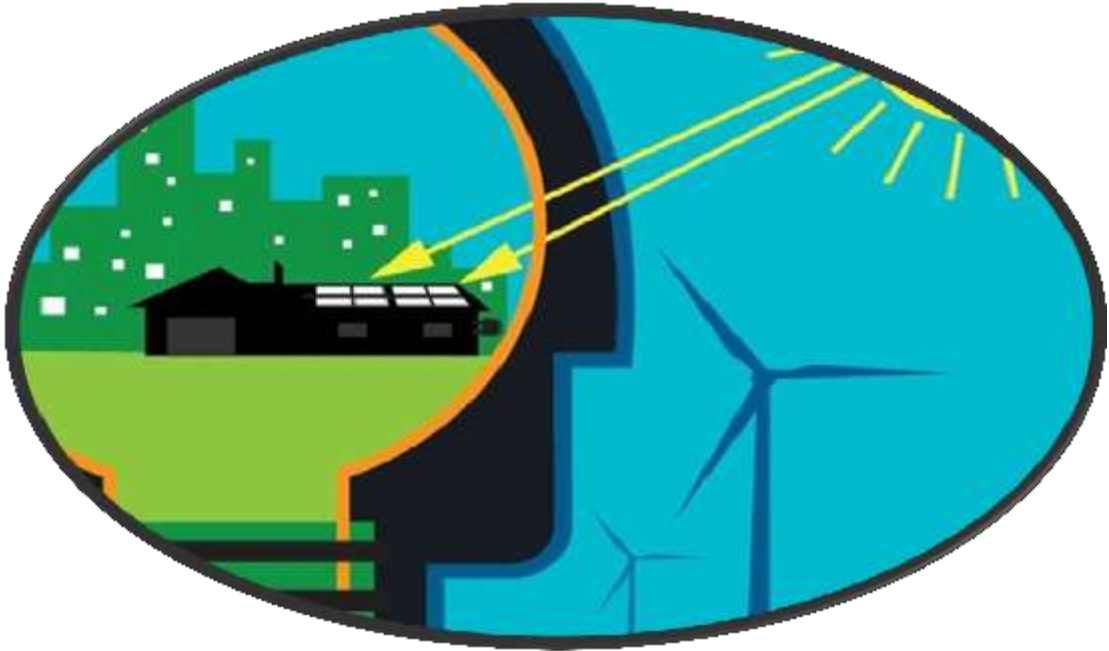




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नवीकरणीय ऊर्जा परियोजनाप्रबोधनप्रभाग
Renewable Energy Project Monitoring Division

मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

Monthly Renewable Energy Generation Report



July 2021

जुलाई 2021

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Summary of All India Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.07.2021)	RE Generation (MU) July'2020	RE Generation (MU) July '2021	% of same period Last Year	RE Generation (MU) April'2020-July '2020	RE Generation (MU) April'2021-July '2021	% of same period Last Year
Wind	39588.85	6966.96	11421.28	163.94	24574.50	31964.63	130.07
Solar	43940.12	4639.48	5170.03	111.44	20314.47	23293.10	114.66
Biomass	10170.92	278.91	303.07	108.66	1161.36	1211.27	104.30
Bagasse		164.17	691.79	421.38	1846.71	2131.60	115.43
Small Hydro	4794.61	1079.69	1222.07	113.19	3361.34	2942.33	87.53
Others	388.22	144.23	160.53	111.30	337.42	680.67	201.73
Total	98882.72	13273.43	18968.78	142.91	51595.79	62223.61	120.60

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) July'2020	RE Generation(MU) July'2021	RE Generation(MU) April'2020-July' 2020	RE Generation(MU) April'2021-July' 2021
Chandigarh	0.28	0.24	5.12	4.53
Delhi #	35.38	36.90	160.95	127.05
Haryana	53.91	67.80	244.90	286.02
Himachal Pradesh	275.52	286.25	1068.14	597.75
J & K	55.55	52.90	222.86	204.81
Ladakh	0.00	0.00	0.00	0.00
Punjab	263.28	352.23	1009.11	1155.52
Rajasthan	1688.37	2158.57	6550.02	7667.60
Uttar Pradesh	188.75	242.48	1548.61	1571.00
Uttarakhand *	113.95	71.67	478.10	286.68
Northern Region	2674.99	3269.04	11287.82	11900.97
Chhattisgarh	136.21	160.69	546.93	601.54
Gujarat	1576.95	3256.06	6751.32	10063.17
Madhya Pradesh	670.24	931.13	3228.49	3548.78
Maharashtra	1072.31	1628.16	4289.93	5657.14
Dadra and Nagar Haveli*	0.44	4.78	2.21	14.63
Daman & Diu	2.97	3.71	9.83	16.57
Goa	0.09	0.08	0.47	0.43
Western Region	3459.19	5984.60	14829.17	19902.26
Andhra Pradesh	1265.87	1691.61	4966.73	6195.53
Telangana	530.37	517.05	2375.06	2433.89
Karnataka	2334.57	3529.72	8710.80	10171.10
Kerala	117.95	162.22	320.44	509.34
Tamil Nadu	2618.76	3535.60	8250.53	10057.63
Lakshadweep	0.03	0.02	0.17	0.12
Puducherry *	0.37	1.02	1.48	4.08
Southern Region	6867.92	9437.23	24625.21	29371.69
Andaman Nicobar	2.08	2.62	5.95	10.29
Bihar	52.83	13.29	115.11	54.00
Jharkhand	1.46	1.38	5.54	6.45
Orissa	66.92	94.48	255.95	333.26
Sikkim *	5.41	1.03	17.07	4.12
West Bengal	122.78	141.96	389.71	575.29
Eastern Region	251.48	254.76	789.34	983.41
Arunachal Pradesh	0.14	0.16	0.74	0.69

Assam	4.45	9.86	11.34	32.76
Manipur	0.48	0.48	1.83	1.85
Meghalaya	3.03	2.84	12.12	13.11
Mizoram	4.28	2.56	11.17	3.31
Nagaland	6.98	6.89	23.05	10.11
Tripura *	0.49	0.37	4.00	3.46
North Eastern Region	19.85	23.14	64.25	65.29
All India Total	13273.43	18968.78	51595.79	62223.61

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 June 2021.

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

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) July'2020	Wind Power Generation(MU) July'2021	Wind Power Generation(MU) April'2020-July'2020	Wind Power Generation(MU) April'2021-July'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	762.89	1002.98	2754.94	3218.72
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	762.89	1002.98	2754.94	3218.72
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1219.11	2769.60	5132.15	7921.26
Madhya Pradesh	331.96	622.57	1735.70	2052.73
Maharashtra	804.00	1318.13	2713.20	3562.85
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	2355.07	4710.30	9581.06	13536.84
Andhra Pradesh	711.85	1107.30	2538.81	3285.30
Telangana	19.47	41.15	73.54	111.50
Karnataka	1053.56	1688.59	3593.26	4354.19
Kerala	16.31	19.47	50.67	56.24
Tamil Nadu	2047.80	2851.49	5982.22	7401.84
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	3848.99	5708.01	12238.50	15209.07
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	0.00	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	6966.96	11421.28	24574.50	31964.63

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) July'2020	Solar Power Generation(MU) July'2021	Solar Power Generation(MU) April'2020-July'2020	Solar Power Generation(MU) April'2021-July'2021
Chandigarh	0.28	0.24	5.12	4.53
Delhi	17.16	20.04	72.33	65.52
Haryana	7.44	30.77	25.49	140.65
Himachal Pradesh	3.32	3.88	12.88	15.74
J & K	0.95	0.00	0.95	1.71
Ladakh	0.00	0.00	0.00	0.00
Punjab	130.92	125.02	533.01	536.57
Rajasthan	887.27	1121.04	3654.61	4307.93
Uttar Pradesh	130.02	217.26	581.73	939.83
Uttarakhand	29.74	24.63	135.13	98.52
Northern Region	1207.10	1542.88	5021.27	6111.00
Chhattisgarh	27.28	26.37	120.52	122.48
Gujarat	328.54	471.44	1514.97	2095.50
Madhya Pradesh	313.41	292.28	1421.19	1434.96
Maharashtra	188.35	200.72	877.43	1163.92
Dadra and Nagar Haveli	0.44	4.78	2.21	14.63
Daman & Diu	1.65	2.60	8.25	12.80
Goa	0.09	0.08	0.47	0.43
Western Region	859.76	998.26	3945.03	4844.71
Andhra Pradesh	528.22	546.56	2319.98	2756.53
Telangana	482.00	438.12	2202.57	2183.41
Karnataka	980.62	933.85	4458.04	4529.88
Kerala	21.32	33.10	61.41	155.39
Tamil Nadu	506.61	607.24	2055.37	2390.35
Lakshadweep	0.03	0.02	0.17	0.12
Puducherry	0.37	1.02	1.48	4.08
Southern Region	2519.17	2559.91	11099.01	12019.74
Andaman Nicobar	1.39	1.15	4.19	7.06
Bihar	11.60	12.21	64.33	50.78
Jharkhand	0.96	1.38	5.04	6.18
Orissa	33.25	40.06	147.18	193.77
Sikkim	0.00	0.00	0.00	0.00
West Bengal	4.79	7.67	22.37	34.63
Eastern Region	51.98	62.47	243.10	292.43
Arunachal Pradesh	0.10	0.16	0.56	0.64

Assam	0.38	5.34	1.51	19.79
Manipur	0.48	0.48	1.83	1.85
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.02	0.18	0.10	0.90
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.49	0.37	2.06	2.02
North Eastern Region	1.47	6.52	6.05	25.20
All India Total	4639.48	5170.03	20314.47	23293.09

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) July'2020	Biomass Power Generation(MU) July'2021	Biomass Power Generation(MU) April'2020-July'2020	Biomass Power Generation(MU) April'2021-July'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	14.08	13.30	56.93	54.79
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	41.41	46.71	179.61	202.05
Rajasthan	38.10	34.46	139.94	140.82
Uttar Pradesh	0.72	8.26	51.52	32.56
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	94.32	102.73	428.00	430.23
Chhattisgarh	82.08	107.53	368.00	436.09
Gujarat	9.76	0.00	39.24	0.00
Madhya Pradesh	0.01	0.00	0.01	0.00
Maharashtra	31.33	29.45	101.54	112.66
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.32	1.11	1.58	3.76
Goa	0.00	0.00	0.00	0.00
Western Region	124.50	138.08	510.37	552.52
Andhra Pradesh	10.94	11.52	41.48	39.24
Telangana	16.28	10.49	59.27	43.47
Karnataka	18.68	20.37	62.44	68.96
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	11.73	12.18	40.32	42.30
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	57.63	54.56	203.51	193.97
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	1.59	0.00	6.10	2.14

Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.87	7.70	13.38	32.41
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region	2.46	7.70	19.48	34.55
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	278.91	303.07	1161.36	1211.28

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 Bagasse Power Generation

Name of State/UT	Bagasse Power Generation(MU) July'2020	Bagasse Power Generation(MU) July'2021	Bagasse Power Generation(MU) April'2020-July'2020	Bagasse Power Generation(MU) April'2021-July'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	2.92	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	6.16	2.12	27.35	35.24
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	51.94	5.65	888.90	569.76
Uttarakhand	0.00	20.26	29.23	81.04
Northern Region	61.02	28.03	988.18	700.79
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	9.80	15.06	352.01	551.43
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	9.80	15.06	359.48	556.33
Andhra Pradesh	2.13	1.26	9.92	17.19
Telangana	0.00	0.00	0.00	0.00
Karnataka	43.09	614.12	175.84	699.89
Kerala	4.15	4.23	14.15	15.85
Tamil Nadu	43.99	29.09	148.93	141.55
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	93.35	648.70	348.84	874.48
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	164.17	691.79	1846.71	2131.60

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 Generation

Name of State/UT	Small Hydro Power Generation(MU) July'2020	Small Hydro Power Generation(MU) July'2021	Small Hydro Power Generation(MU) April'2020-July'2020	Small Hydro Power Generation(MU) April'2021-July'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	29.47	23.73	119.78	75.83
Himachal Pradesh	272.20	282.37	1055.26	582.02
J & K	54.60	52.90	221.91	203.10
Ladakh	0.00	0.00	0.00	0.00
Punjab	84.79	178.35	269.13	381.45
Rajasthan	0.10	0.09	0.54	0.12
Uttar Pradesh	6.07	11.31	26.45	28.86
Uttarakhand	84.21	26.78	313.74	107.12
Northern Region	531.44	575.53	2006.81	1378.48
Chhattisgarh	26.85	26.80	53.34	42.97
Gujarat	14.92	15.02	51.96	44.37
Madhya Pradesh	21.73	13.51	60.19	46.55
Maharashtra	38.82	64.78	245.71	266.23
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	102.31	120.11	411.20	400.11
Andhra Pradesh	12.18	17.04	55.24	66.27
Telangana	5.70	5.51	11.18	11.19
Karnataka	238.62	272.79	421.23	518.20
Kerala	76.17	105.42	194.21	281.87
Tamil Nadu	8.63	35.60	23.69	81.58
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	341.31	436.36	705.54	959.11

Andaman Nicobar	0.69	1.47	1.77	3.23
Bihar	39.64	1.08	43.20	1.08
Jharkhand	0.51	0.00	0.51	0.27
Orissa	32.80	46.72	95.39	107.08
Sikkim	5.41	1.03	17.07	4.12
West Bengal	7.19	23.15	21.66	48.76
Eastern Region	86.24	73.45	179.60	164.53
Arunachal Pradesh	0.04	0.00	0.18	0.05
Assam	4.08	4.52	9.83	12.97
Manipur	0.00	0.00	0.00	0.00
Meghalaya	3.03	2.84	12.12	13.11
Mizoram	4.26	2.38	11.07	2.41
Nagaland	6.98	6.89	23.05	10.11
Tripura	0.00	0.00	1.94	1.44
North Eastern Region	18.38	16.63	58.20	40.09
All India Total	1079.69	1222.07	3361.34	2942.33

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) July'2020	Others Power Generation(MU) July'2021	Others Power Generation(MU) April'2020-July'2020	Others Power Generation(MU) April'2021-July'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	18.22	16.86	88.62	61.53
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	0.03	0.01	0.21
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	18.22	16.89	88.63	61.74
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	4.62	0.00	10.61	0.00
Madhya Pradesh	3.13	2.77	11.40	11.68
Maharashtra	0.00	0.02	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	7.75	2.80	22.04	11.72
Andhra Pradesh	0.54	7.93	1.30	31.00
Telangana	6.93	21.77	28.50	84.32
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	7.46	29.70	29.80	115.32
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	110.80	111.14	196.95	491.89
Eastern Region	110.80	111.14	196.95	491.89
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	144.23	160.53	337.42	680.68

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 July 2021

Station	State/ Region	Sector	Owner	Type	Installed Capacity (MW)	Actual Generation (MU)	Monthly CUF
AURAIYA*	Uttar Pradesh	Central	NTPC	Solar	20	2.78	18.68
DADRI SOLAR *	Uttar Pradesh	Central	NTPC	Solar	5	0.52	13.98
SINGRAULI SOLAR*	Uttar Pradesh	Central	NTPC	Solar	15	1.48	13.26
UNCHAHAHAR SOLAR*	Uttar Pradesh	Central	NTPC	Solar	10	0.95	12.77
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	11.06	29.73
MAHINDRA RENEWABLE PRIVATE LIMITED	Rajasthan	Private	IPP	Solar	250	35.93	19.32
MAHOBA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	41.60	27.96
AZURE FORTY THREE PVT LTD	Rajasthan	Private	IPP	Solar	300	68.36	30.63
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	49.92	26.84
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	36.40	24.46
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	27.79	28.73
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Rajasthan	Private	IPP	Solar	50	11.26	30.27
CLEAN SOLAR POWER (BHADLA) PVT LDT	Rajasthan	Private	IPP	Solar	300	60.14	26.94
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	11.00	29.57
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	49.93	26.84
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	41.77	28.07
SB ENERGY SIX PVT LTD	Rajasthan	Private	IPP	Solar	300	55.18	25.55
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	36.17	32.41
Northern Region **					2730	542.24	
ACME SOLAR (RAMNAGAR)	Madhya	Private	IPP	Solar	250	37.98	20.42

Station	State/ Region	Sector	Owner	Type	Installed Capacity (MW)	Actual Generation (MU)	Monthly CUF
Pradesh							
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	36.55	19.65
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	36.88	19.83
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	400	91.95	30.90
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	107.27	48.06
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	100.6	54.09
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	102.22	45.80
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	425	178.24	56.37
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	81.48	43.81
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	98.02	52.70
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	125.58	56.26
Western Region **					2925	996.77	
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	109.36	58.80
ORANGE	Tamil Nadu	Private	IPP	Wind	200	87.36	58.71
MYTRA	Tamil Nadu	Private	IPP	Wind	250	83.61	44.95
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	250	90.07	48.42
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Tamil Nadu	Private	IPP	Wind	240	102.72	57.53
Southern Region **					1190	473.12	
Total					6845	2012.13	

*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) July'2020	RE Generation (MU) July'2021	RE Generation (MU) April'2020-July'2020	RE Generation (MU) April'2021-July'2021
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.60	0.55	2.55	2.42
NTPC Bhadla	Rajasthan	260	Solar	39.41	37.75	159.33	154.92
NTPC Dadri_Solar *	Uttar Pradesh	5	Solar	0.57	0.52	2.49	2.43
NTPC Unchahar_Solar *	Uttar Pradesh	10	Solar	1.07	0.95	5.06	4.39
NTPC Singrauli_Solar *	Uttar Pradesh	15	Solar	1.61	1.48	7.38	6.85
NTPC Auraiya	Uttar Pradesh	20	Solar	0.00	2.82	0.00	12.04
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	3.60	2.72	11.69	12.69
NTPC Rojmal	Gujarat	50	Wind	7.33	15.68	27.57	39.80
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	6.48	4.93	27.81	26.02
NTPC Mandsaur	Madhya Pradesh	250	Solar	33.07	26.93	141.22	135.09
NTPC Anantapuram	Andhra Pradesh	250	Solar	30.34	28.72	133.57	133.57
NTPC Ramagundam	Telangana	10	Solar	1.02	0.77	5.26	4.23
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.39	0.40	1.57	1.68
NTPC Talchar_Solar	Orissa	10	Solar	1.08	0.96	4.73	4.57
NTPC Solar_Bilhaur	Uttar Pradesh	225	Solar	0.00	34.88	0.00	160.23
Simhadri Floating Project	Andhra Pradesh	10	Solar	0.00	0.81	0.00	0.81

Total NTPC		1183		126.57	160.87	530.24	701.74
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	9.34	13.04	32.90	38.18
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	13.73	24.60	49.13	65.12
THDC Solar Kasaragod	Kerala	50	Solar	0.00	5.20	0.00	23.75
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.00	0.03	0.00	0.12
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	0.00	5.23	7.81	11.39
Total THDC		187.5		23.07	48.09	89.84	138.56
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	7.49	11.40	25.50	38.13
NHPC Solar Power Project	Tamilnadu	50	Solar	10.07	7.22	37.08	31.44
Total NHPC		100		17.56	18.62	62.58	69.57
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	5.53	19.30	26.33	47.76
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	20.49	24.31	65.05	76.05
ONGC Solar, Goa	Goa	1.00	Solar	0.09	0.08	0.47	0.43
ONGC Solar, Hazira	Gujarat	10.00	Solar	1.149	1.00	5.32	5.08
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.679	0.65	2.92	2.42
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.10	0.07	0.44	0.39
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.00	0.11	0.00	0.41
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.00	0.01	0.00	0.54
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.37	0.42	1.57	1.89

ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.14	0.14	0.59	0.56
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.12	0.12	0.53	0.53
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.017	0.02	0.28687	0.09
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	0.03
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0	0.00	0.00	0.00
Total ONGC		184.05		28.68	46.24	103.53	136.19
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	5.99	10.53	21.69	25.31
Sadla Wind Power	Gujarat	50.00	Solar	7.38	16.77	27.18	45.83
Charanka Solar Power	Gujarat	5.60	Solar	0.67	0.56	2.98	2.84
Total SJVN		103.2		14.04	27.86	51.85	73.98
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	2.23	2.13	8.81	8.29
Oil India Ltd	Rajasthan	67.6	Wind	10.81	12.43	31.81	37.77
Oil India Ltd	Gujarat	43.3	Wind	8.34	13.45	27.75	35.22
Oil India Ltd	Madhya Pradesh	63.2	Wind	9.37	16.85	51.70	56.19
Total Oil India Ltd		188.1		30.75	44.86	120.07	137.47
NEEPCO							
NEEPCO	Tripura	5	Solar	0.47	0.35	1.77	1.97
DVC							0.00
DVC	West Bangal	0.08	Solar	0.00	0.01	0.01	0.04
DVC	Jharkhand	4	Small Hydro	0.51	2.70	0.51	4.16
Total DVC		4.08		0.51	2.70	0.52	4.20
All India Total		1954.93		241.65	349.59	960.40	1263.68

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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