



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

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Monthly Renewable Energy Generation Report



May 2021

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Summary of All India Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.05.2021)	RE Generation (MU) May'2020	RE Generation (MU) May '2021	% of same period Last Year	RE Generation (MU) April'2020-May'2020	RE Generation (MU) April'2021-May '2021	% of same period Last Year
Wind	39442.25	6237.89	7083.52	113.56	9711.75	10817.90	111.39
Solar	41087.63	5618.29	5994.66	106.70	10971.74	12116.84	110.44
Biomass	10170.92	313.23	301.70	96.32	583.20	590.62	101.27
Bagasse		611.55	404.37	66.12	1499.72	1288.45	85.91
Small Hydro	4786.81	767.19	554.67	72.30	1460.79	994.69	68.09
Others	168.64	36.47	176.69	484.47	69.74	356.04	510.55
Total	95656.25	13584.62	14515.61	106.85	24296.95	26164.54	107.69

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) May'2020	RE Generation(MU) May'2021	RE Generation(MU) April'2020-May' 2020	RE Generation(MU) April'2021-May' 2021
Chandigarh	0.21	0.27	2.88	1.98
Delhi #	47.00	31.47	83.47	59.59
Haryana	57.77	70.12	135.14	148.67
Himachal Pradesh	275.63	162.91	515.98	253.60
J & K	59.10	63.20	110.41	94.11
Ladakh	0.00	0.00	0.00	0.00
Punjab	261.90	228.83	484.99	450.32
Rajasthan	1679.19	1841.11	3081.16	3367.76
Uttar Pradesh	468.29	436.88	1177.77	1105.69
Uttarakhand *	124.06	71.67	247.63	143.34
Northern Region	2973.15	2906.45	5839.43	5625.06
Chhattisgarh	137.82	148.30	271.42	280.11
Gujarat	2252.12	2514.62	3777.24	4134.11
Madhya Pradesh	1032.93	917.39	1786.98	1704.94
Maharashtra	1158.96	1278.15	2116.83	2434.80
Dadra and Nagar Haveli	0.68	4.42	1.32	5.06
Daman & Diu	2.24	4.14	4.81	8.22
Goa	0.15	0.10	0.30	0.25
Western Region	4584.89	4867.12	7958.90	8567.48
Andhra Pradesh	1258.61	1391.56	2264.70	2540.62
Telangana	665.91	676.41	1292.15	1322.04
Karnataka	2129.59	2155.09	3885.57	4014.43
Kerala	75.62	112.37	131.52	205.56
Tamil Nadu	1702.31	2147.81	2541.68	3367.38
Lakshadweep	0.05	0.05	0.11	0.08
Puducherry *	0.37	1.02	0.74	2.04
Southern Region	5832.46	6484.30	10116.47	11452.15
Andaman Nicobar	1.03	2.04	2.18	4.92
Bihar	22.13	14.59	39.09	28.28
Jharkhand	1.41	1.59	2.85	3.48
Orissa	70.73	82.18	134.89	157.30
Sikkim *	3.72	1.03	5.86	2.06
West Bengal	84.44	145.15	171.22	295.16
Eastern Region	183.45	246.58	356.10	491.20

Arunachal Pradesh	0.19	0.17	0.41	0.37
Assam	0.16	6.56	3.11	14.03
Manipur	0.43	0.46	0.86	0.91
Meghalaya	3.03	3.12	6.06	7.15
Mizoram	1.20	0.26	3.52	0.50
Nagaland	4.89	0.01	8.91	3.16
Tripura	0.78	0.57	3.19	2.53
North Eastern Region	10.68	11.14	26.06	28.65
All India Total	13584.62	14515.60	24296.95	26164.53

1. Data as received from SLDC of the respective states or from the electricity department.

2. Figure given above indicates gross generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

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

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

Note: As per information received from SLDC West Bengal , Generation from co-generation plants, which was earlier included under Bagasse is now being considered under others (Waste to energy) category.

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) May'2020	Wind Power Generation(MU) May'2021	Wind Power Generation(MU) April'2020-May'2020	Wind Power Generation(MU) April'2021-May'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	682.14	769.33	1149.47	1229.94
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	682.14	769.33	1149.47	1229.94
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1794.98	1934.75	2882.44	3013.95
Madhya Pradesh	605.51	505.63	953.14	870.21
Maharashtra	695.29	791.23	1114.24	1215.42
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	3095.78	3231.61	4949.82	5099.58
Andhra Pradesh	552.05	617.07	935.81	979.95
Telangana	14.81	22.04	28.73	33.94
Karnataka	752.54	924.06	1197.64	1401.98
Kerala	11.98	12.36	16.14	19.25
Tamil Nadu	1128.60	1507.05	1434.15	2053.27
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	2459.97	3082.58	3612.47	4488.39
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

Name of State/UT	Wind Power Generation(MU) May'2020	Wind Power Generation(MU) May'2021	Wind Power Generation(MU) April'2020-May'2020	Wind Power Generation(MU) April'2021-May'2021
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	6237.89	7083.52	9711.75	10817.90

1. Data as received from SLDC of the respective states or from the electricity department.
2. Figure given above indicates gross generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Solar Power Generation

Name of State/UT	Solar Power Generation(MU) May'2020	Solar Power Generation(MU) May'2021	Solar Power Generation(MU) April'2020-May'2020	Solar Power Generation(MU) April'2021-May'2021
Chandigarh	0.21	0.27	2.88	1.98
Delhi	21.79	15.16	36.39	30.32
Haryana	5.77	36.50	12.22	76.22
Himachal Pradesh	3.12	3.91	6.45	7.83
J & K	0.00	0.00	0.00	1.71
Ladakh	0.00	0.00	0.00	0.00
Punjab	135.24	129.36	273.22	273.63
Rajasthan	962.36	1036.04	1861.79	2067.13
Uttar Pradesh	169.45	259.50	324.14	526.96
Uttarakhand	34.73	24.63	71.36	49.26
Northern Region	1332.67	1505.36	2588.44	3035.04
Chhattisgarh	35.18	37.46	68.33	66.99
Gujarat	439.50	570.46	845.27	1094.68
Madhya Pradesh	412.80	401.69	804.03	806.16
Maharashtra	252.85	258.09	499.40	542.69
Dadra and Nagar Haveli	0.68	4.42	1.32	5.06
Daman & Diu	2.24	3.05	4.81	6.65
Goa	0.15	0.10	0.30	0.25
Western Region	1143.40	1275.28	2223.45	2522.49
Andhra Pradesh	670.65	738.28	1272.18	1478.93
Telangana	627.79	620.61	1218.36	1222.85
Karnataka	1237.04	1145.81	2463.42	2425.28
Kerala	14.17	37.84	28.99	79.26
Tamil Nadu	520.17	581.75	1036.46	1173.38
Lakshadweep	0.05	0.05	0.11	0.08
Puducherry	0.37	1.02	0.74	2.04
Southern Region	3070.24	3125.36	6020.26	6381.81
Andaman Nicobar	0.93	1.60	1.79	4.09
Bihar	20.17	14.59	36.42	26.14
Jharkhand	1.41	1.59	2.85	3.21
Orissa	41.59	55.76	82.12	112.23
Sikkim	0.00	0.00	0.00	0.00

West Bengal	6.35	9.49	13.19	19.64
Eastern Region	70.44	83.03	136.38	165.32
Arunachal Pradesh	0.15	0.17	0.32	0.32
Assam	0.16	4.19	0.72	9.39
Manipur	0.43	0.46	0.86	0.91
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.03	0.25	0.06	0.48
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.78	0.57	1.25	1.09
North Eastern Region	1.55	5.63	3.21	12.18
All India Total	5618.29	5994.66	10971.74	12116.84

1. Data as received from SLDC of the respective states or from the electricity department.
2. Figure given above indicates gross generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Biomass Power Generation

Name of State/UT	Biomass Power Generation(MU) May'2020	Biomass Power Generation(MU) May'2021	Biomass Power Generation(MU) April'2020-May'2020	Biomass Power Generation(MU) April'2021-May'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	14.83	13.94	28.69	27.19
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	55.41	51.95	90.74	104.03
Rajasthan	34.54	35.74	69.69	70.68
Uttar Pradesh	20.35	9.44	45.72	17.86
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	125.13	111.07	234.85	219.77
Chhattisgarh	96.20	107.03	184.55	208.14
Gujarat	8.55	0.00	18.71	0.00
Madhya Pradesh	0.00	0.00	0.00	0.00
Maharashtra	22.93	25.69	42.89	52.42
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	1.09	0.00	1.57
Goa	0.00	0.00	0.00	0.00
Western Region	127.69	133.80	246.16	262.14
Andhra Pradesh	10.49	9.77	20.30	18.18
Telangana	14.35	11.77	29.65	21.66
Karnataka	15.57	13.38	25.61	31.66
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	9.99	11.75	12.72	18.07
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	50.40	46.67	88.28	89.58

Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	1.96	0.00	2.67	2.14
Jharkhand	0.00	0.00	0.00	0.00
Orissa	8.06	10.16	11.25	16.99
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region	10.02	10.16	13.91	19.13
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	313.23	301.70	583.20	590.62

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State wise Bagasse Power Generation

Name of State/UT	Bagasse Power Generation(MU) May'2020	Bagasse Power Generation(MU) May'2021	Bagasse Power Generation(MU) April'2020- May'2020	Bagasse Power Generation(MU) April'2021- May'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	7.59	1.97	33.31	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	9.84	11.88	14.24	24.03
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	267.40	161.83	794.44	549.04
Uttarakhand	9.67	20.26	29.23	40.52
Northern Region	294.49	195.94	871.21	628.34
Chhattisgarh	1.67	0.00	4.91	0.00
Gujarat	0.18	0.26	2.39	2.04
Madhya Pradesh	0.00	0.00	0.00	2.86
Maharashtra	118.15	145.53	305.37	477.37
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	120.00	145.79	312.66	482.27
Andhra Pradesh	2.96	4.54	6.14	13.38
Telangana	0.00	0.00	0.00	0.00
Karnataka	78.28	17.83	109.77	52.21
Kerala	4.18	3.78	5.81	7.67
Tamil Nadu	38.31	36.49	45.39	104.57
Lakshadweep	0.00	0.00	0.00	0.00

Puducherry	0.00	0.00	0.00	0.00
Southern Region	123.73	62.64	167.12	177.83
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	73.33	0.00	148.73	0.00
Eastern Region	73.33	0.00	148.73	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	611.55	404.37	1499.72	1288.45

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State wise small Hydro Power Generation

Name of State/UT	Small Hydro Power Generation(MU) May'2020	Small Hydro Power Generation(MU) May'2021	Small Hydro Power Generation(MU) April'2020-May'2020	Small Hydro Power Generation(MU) April'2021-May'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	29.59	17.71	60.92	30.51
Himachal Pradesh	272.51	159.01	509.53	245.77
J & K	59.10	63.20	110.41	92.40
Ladakh	0.00	0.00	0.00	0.00
Punjab	61.41	35.57	106.78	48.51
Rajasthan	0.15	0.00	0.21	0.02
Uttar Pradesh	11.10	6.11	13.47	11.83
Uttarakhand	79.66	26.78	147.04	53.56
Northern Region	513.52	308.38	948.36	482.59
Chhattisgarh	4.76	3.81	13.63	4.97
Gujarat	8.90	9.15	25.14	23.43
Madhya Pradesh	11.39	7.14	24.14	19.59
Maharashtra	69.74	57.61	154.91	146.87
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	94.79	77.70	217.82	194.87
Andhra Pradesh	22.02	14.69	29.82	34.87
Telangana	1.37	0.34	2.20	3.15
Karnataka	46.16	54.01	89.13	103.31
Kerala	45.30	58.39	80.57	99.37
Tamil Nadu	5.24	10.77	12.96	18.09
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	120.09	138.20	214.69	258.79
Andaman Nicobar	0.10	0.44	0.39	0.83
Bihar	0.00	0.00	0.00	0.00

Name of State/UT	Small Hydro Power Generation(MU) May'2020	Small Hydro Power Generation(MU) May'2021	Small Hydro Power Generation(MU) April'2020-May'2020	Small Hydro Power Generation(MU) April'2021-May'2021
Jharkhand	0.00	0.00	0.00	0.27
Orissa	21.08	16.26	41.52	28.08
Sikkim	3.72	1.03	5.86	2.06
West Bengal	4.77	7.16	9.30	10.75
Eastern Region	29.66	24.88	57.07	41.98
Arunachal Pradesh	0.04	0.00	0.09	0.05
Assam	0.00	2.37	2.39	4.65
Manipur	0.00	0.00	0.00	0.00
Meghalaya	3.03	3.12	6.06	7.15
Mizoram	1.17	0.01	3.46	0.02
Nagaland	4.89	0.01	8.91	3.16
Tripura	0.00	0.00	1.94	1.44
North Eastern Region	9.13	5.51	22.85	16.47
All India Total	767.19	554.67	1460.79	994.69

1. Data as received from SLDC of the respective states or from the electricity department.
2. Figure given above indicates gross generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Others Power Generation

Name of State/UT	Others Power Generation(MU) May'2020	Others Power Generation(MU) May'2021	Others Power Generation(MU) April'2020-May'2020	Others Power Generation(MU) April'2021-May'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	25.21	16.31	47.09	29.27
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	0.07	0.01	0.12
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	25.21	16.38	47.10	29.39
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	3.29	0.00
Madhya Pradesh	3.22	2.94	5.68	6.11
Maharashtra	0.01	0.00	0.02	0.02
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	3.23	2.94	8.98	6.13
Andhra Pradesh	0.44	7.21	0.44	15.31
Telangana	7.59	21.65	13.22	40.44
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	8.03	28.86	13.66	55.75
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	128.51	0.00	264.77
Eastern Region	0.00	128.51	0.00	264.77
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	36.47	176.69	69.74	356.04

1. Data as received from SLDC of the respective states or from the electricity department.
2. Figure given above indicates gross generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

Renewable Energy Generation from ISGS Plants for May 2021

Station	State/ Region	Sector	Owner	Type	Installed Capacity (MW)	Actual Generation (MU)	Monthly CUF
AURAIYA*	Uttar Pradesh	Central	NTPC	Solar	20	2.93	19.42
DADRI SOLAR *	Uttar Pradesh	Central	NTPC	Solar	5	0.63	16.94
SINGRAULI SOLAR*	Uttar Pradesh	Central	NTPC	Solar	15	1.90	17.03
UNCHAHAH SOLAR*	Uttar Pradesh	Central	NTPC	Solar	10	1.16	15.59
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	11.76	31.61
MAHOBA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	44.59	29.97
AZURE FORTY THREE PVT LTD	Rajasthan	Private	IPP	Solar	250	63.52	34.15
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	53.61	28.82
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	39.6	26.61
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	29.7	30.71
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Rajasthan	Private	IPP	Solar	50	12.08	32.47
CLEAN SOLAR POWER (BHADLA) PVT LDT	Rajasthan	Private	IPP	Solar	300	66.72	29.89
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	11.6	31.18
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	51.92	27.91
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	44.15	29.67
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	32.94	29.52
Northern Region **					2130	468.81	
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	46.34	24.91
ARINSUN SOLAR (BARSITADESH)	Madhya Pradesh	Private	IPP	Solar	250	45.47	24.45
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	46.53	25.02
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	76.5	41.13
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	92.81	41.58
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	74.47	40.04
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	86.44	38.73
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	400	136.09	45.73
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	65.48	35.20
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	83.89	45.10

Station	State/ Region	Sector	Owner	Type	Installed Capacity (MW)	Actual Generation (MU)	Monthly CUF
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	98.03	43.92
Western Region **					2750	852.05	
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	56.41	30.33
ORANGE	Tamil Nadu	Private	IPP	Wind	200	44.29	29.76
MYTRA	Tamil Nadu	Private	IPP	Wind	187	46.21	33.21
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	126.2	45.68	48.65
Southern Region **					763.2	192.59	
Total					5643.2	1513.45	

*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) May'2020	RE Generation (MU) May'2021	RE Generation (MU) April'2020-May'2020	RE Generation (MU) April'2021-May'2021
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.67	0.61	1.35	1.23
NTPC Bhadla	Rajasthan	260	Solar	41.30	39.84	79.57	76.60
NTPC Dadri_Solar *	Uttar Pradesh	5	Solar	0.66	0.62	1.32	1.27
NTPC Unchahar_Solar *	Uttar Pradesh	10	Solar	1.51	1.16	2.93	2.51
NTPC Singrauli_Solar *	Uttar Pradesh	15	Solar	2.29	1.90	4.32	3.78
NTPC Auraiya	Uttar Pradesh	20	Solar	0.00	2.93	0.00	6.12
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	2.68	3.49	5.03	6.51
NTPC Rojmal	Gujarat	50	Wind	10.08	9.55	15.22	17.51
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	7.91	7.18	15.27	14.60
NTPC Mandsaur	Madhya Pradesh	250	Solar	40.24	36.44	76.20	73.91
NTPC Anantapuram	Andhra Pradesh	250	Solar	37.42	36.67	74.15	72.27
NTPC Ramagundam	Telangana	10	Solar	1.35	1.29	3.11	2.52
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.38	0.37	0.81	0.86
NTPC Talchar_Solar	Orissa	10	Solar	1.39	1.30	2.66	2.59
NTPC Solar_Bilhaur	Uttar Pradesh	225			43.85		81.72
Total NTPC		1173		147.88	187.20	281.95	364.00
THDC							
THDC Patan	Gujarat	50	Wind	7.47	9.38	15.43	15.76
THDC Devbhumi Dwarka	Gujarat	63	Wind	15.23	14.76	25.07	21.84
THDC Solar Kasaragod	Kerala	50	Solar	0.00	7.05	0.00	12.18
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.00	0.03	0.00	0.06
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	7.52	3.56	7.52	3.56
Total THDC		187.5		30.22	34.78	48.02	53.40
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	7.20	8.99	9.80	13.52

NHPC Solar Power Project	Tamil Nadu	50	Solar	8.61	8.08	18.55	16.41
Total NHPC		100		15.81	17.07	28.35	29.92
ONGC*							
ONGC Wind, Bhuj	Gujarat	51	Wind	10.23	11.03	15.27	14.72
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	14.61	18.27	24.07	28.29
ONGC Solar, Goa	Goa	1	Solar	0.145	0.10	0.29	0.25
ONGC Solar, Hazira	Gujarat	10	Solar	1.51	1.39	3.03	2.86
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.761	0.54	1.56	1.26
ONGC Solar, Rajahmundry	Andhra Pradesh	1	Solar	0.124	0.11	0.25109	0.23
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0	0.08	0	0.21
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5	Solar	0	0.18	0	0.39
ONGC Solar, Rooftop (RTS)	Gujarat	4.232	Solar	0.408	0.50	0.83	1.02
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	0.157	0.13	0.31	0.30
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.236	Solar	0.146	0.14	0.28	0.27
ONGC Solar, Agartala Asset	Tripura	0.247	Solar	0.23	0.03	0.25	0.05
ONGC Solar, Mumbai	Maharashtra	0.285	Solar	0.0031	0.00	0.01	0.00
ONGC Solar, Cauvery Asset Karaikal	Maharashtra	0.065	Solar	0.0003	0.01	0.00	0.02
ONGC Solar, DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0	0.00	0.00	0.00
Total ONGC		184.05		28.33	32.53	46.16	49.87
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.6	Wind	6.93	5.65	9.70	8.39
Sadla Wind Power	Gujarat	50	Solar	8.67	10.56	12.42	17.94
Charanka Solar Power	Gujarat	5.6	Solar	0.84	0.78	1.64	1.64
Total SJVN		103.2		16.44	16.99	23.77	27.97
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	2.22	2.10	4.36	4.29
Oil India Ltd	Rajasthan	67.6	Wind	8.09	7.62	11.67	11.88
Oil India Ltd	Gujarat	43.3	Wind	6.51	8.37	11.70	13.98

Oil India Ltd	Madhya Pradesh	63.2	Wind	17.70	13.77	30.27	24.46
Total Oil India Ltd		188.1		34.52	31.86	58.00	54.62
NEEPCO							
NEEPCO	Tripura	5	Solar	0.55	0.57	1.00	1.06
DVC							
DVC	West Bengal	0.078	Solar	0.00	0.01	0.01	0.02
DVC	Jharkhand	4	Small Hydro	0.00	0.01	0.00	0.01
Total DVC		4.078		0.00	0.02	0.01	0.03
All India Total		1944.93		273.75	321.01	487.26	580.87

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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