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Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग

Renewable Energy Project Monitoring Division

नवीकरणीय ऊर्जा उत्पादन रिपोर्ट मार्च 2021

Monthly Renewable Energy (RE) Generation Report March 2021



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Central Electricity Authority / केन्द्रीय विद्युत प्राधिकरण
Renewable Energy Project Monitoring Division/नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग

1. SUMMARY-ALL INDIA

AN OVERVIEW

Category	Installed Capacity (MW) (as on 31.03.2021)	RE Generation(MU) March'2020	RE Generation(MU) March'2021	% of same period Last Year	RE Generation(MU) April'2019- March'2020	RE Generation(MU) April'2020- March'2021	% of same period Last Year
	1	2	3	4	5	6	7
Wind	39247.05	3405.61	3531.85	103.71	64646.37	60149.95	93.04
Solar	40085.37	5633.30	6754.25	119.90	50131.10	60402.25	120.49
Biomass	10145.92	282.16	324.62	115.05	2937.96	3512.98	119.57
Bagasse		1319.96	1532.39	116.09	10804.46	11302.85	104.61
Small Hydro	4786.81	639.66	450.52	70.43	9451.23	10258.41	108.54
Others	168.64	36.96	175.53	474.92	365.90	1621.06	443.04
Total	94433.79	11317.65	12769.16	112.83	138337.02	147247.51	106.44



Renewable Energy Generation (State Wise) for the month of March 2021

Name of State/UT	RE Generation(MU) March'2020	RE Generation(MU) March'2021	RE Generation(MU) April'2019-March'2020	RE Generation(MU) April'2020-March'2021
Chandigarh*	1.56	1.71	13.33	10.16
Delhi #	30.34	37.11	423.69	426.70
Haryana *	65.55	76.46	733.50	760.75
Himachal Pradesh	176.69	59.43	2167.24	2160.30
J & K	36.36	22.76	443.13	439.29
Ladakh	0.00	0.00	0.00	0.00
Punjab	227.11	240.77	2739.42	2864.47
Rajasthan	1376.74	1505.72	14332.06	16516.35
Uttar Pradesh	710.48	813.95	5143.21	5747.78
Uttarakhand *	102.82	71.67	1193.95	1236.85
Northern Region	2727.64	2829.58	27189.52	30162.65
Chhattisgarh*	110.46	167.77	1107.87	1633.89
Gujarat	1507.59	1553.31	17716.92	17976.99
Madhya Pradesh	775.31	800.77	8297.87	8517.85
Maharashtra	1121.15	1749.73	13985.79	14232.49
Dadra and Nagar Haveli	0.68	0.74	6.19	11.96
Daman & Diu	2.11	5.70	21.83	40.04
Goa	0.13	0.15	0.82	1.46
Western Region	3517.43	4278.16	41137.29	42414.69
Andhra Pradesh	1095.12	1306.58	13993.20	14133.82
Telangana	694.22	707.64	6794.23	6933.09
Karnataka	2025.70	2157.44	25648.42	27850.31
Kerala	57.22	68.32	804.75	1092.11
Tamil Nadu	935.64	1160.43	19763.89	21658.97
Lakshadweep	0.07	0.02	0.66	0.45
Puducherry *	0.37	1.02	4.15	6.39
Southern Region	4808.34	5401.45	67009.30	71675.14
Andaman Nicobar	1.16	3.43	17.30	39.51
Bihar *	45.24	13.69	358.68	226.61
Jharkhand *	5.36	1.89	22.90	26.47
Orissa	63.96	77.91	783.20	877.77
Sikkim	1.50	1.03	60.62	55.96
West Bengal	130.98	144.64	1475.04	1530.69
Eastern Region	248.19	242.60	2719.01	2757.01
Arunachal Pradesh *	0.22	0.20	2.23	2.10
Assam	2.32	7.34	58.76	51.51
Manipur	0.32	0.46	4.20	7.71
Meghalaya	4.02	4.03	62.73	56.79
Mizoram	3.78	0.24	50.00	33.52
Nagaland	2.77	3.15	75.87	70.77
Tripura *	2.63	1.97	28.10	15.62
North Eastern Region	16.05	17.39	281.90	238.02
All India Total	11317.65	12769.16	138337.02	147247.51

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

2) Figure given above indicate 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 February 2021

Generation from other sources has been received .However Solar power generation considered as on February 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.



Wind Power Generation (State Wise) for the month of March 2021

Name of State/UT	Wind Power Generation(MU) March'2020	Wind Power Generation(MU) March'2021	Wind Power Generation(MU) April'2019- March'2020	Wind Power Generation(MU) April'2020- March'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	16.90	0.00
Rajasthan	443.60	486.81	6155.80	5708.24
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	443.60	486.81	6172.70	5708.24
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1066.38	1000.05	13748.53	13058.12
Madhya Pradesh	345.22	345.19	4425.99	3913.44
Maharashtra	394.21	315.61	7984.27	6384.56
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	1805.81	1660.84	26158.79	23356.13
Andhra Pradesh	407.57	447.82	7626.63	6557.74
Telangana	15.47	16.20	238.25	220.64
Karnataka	417.65	532.01	10148.66	9610.89
Kerala	4.15	5.35	119.76	130.41
Tamil Nadu	311.36	382.83	14126.93	14564.91
Lakshadweep	0.00	0.00	0.00	0.00
Puduchery	0.00	0.00	0.00	0.00
Southern Region	1156.20	1384.20	32260.22	31084.59
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	54.66	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	54.66	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	1.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	0.00	1.00
All India Total	3405.61	3531.85	64646.37	60149.95

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

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



Solar Power Generation (State Wise) for the month of March 2021

Name of State/UT	Solar Power Generation(MU) March'2020	Solar Power Generation(MU) March'2021	Solar Power Generation(MU) April'2019- March'2020	Solar Power Generation(MU) April'2020- March'2021
Chandigarh	1.56	1.71	13.33	10.16
Delhi	8.46	15.16	136.30	189.99
Haryana	6.36	34.78	125.14	162.95
Himachal Pradesh	2.92	3.20	11.66	36.52
J & K	0.00	1.59	0.00	9.42
Ladakh	0.00	0.00	0.00	0.00
Punjab	115.63	126.22	1358.22	1356.48
Rajasthan	893.35	987.16	7776.56	10384.24
Uttar Pradesh	153.67	257.81	1447.05	1856.19
Uttarakhand	36.24	24.63	341.51	329.64
Northern Region	1218.18	1452.27	11209.77	14335.59
Chhattisgarh	33.28	34.95	326.42	370.80
Gujarat	403.69	531.71	3631.86	4633.81
Madhya Pradesh	394.37	414.97	3496.23	4202.03
Maharashtra	256.81	779.38	2372.68	3089.46
Dadra and Nagar Haveli	0.68	0.74	6.19	11.96
Daman & Diu	2.11	4.60	21.83	29.52
Goa	0.13	0.15	0.82	1.46
Western Region	1091.06	1766.51	9856.02	12339.03
Andhra Pradesh	644.84	794.43	5855.11	6956.10
Telangana	649.94	654.41	6263.92	6351.04
Karnataka	1347.02	1307.01	11221.20	13238.86
Kerala	17.10	36.29	143.59	275.44
Tamil Nadu	594.48	654.88	4946.63	6115.48
Lakshadweep	0.07	0.02	0.66	0.45
Puducherry	0.37	1.02	4.15	6.39
Southern Region	3253.81	3448.06	28435.26	32943.75
Andaman Nicobar	0.86	2.84	11.60	24.82
Bihar	16.99	11.55	160.16	160.63
Jharkhand	2.78	1.62	17.47	17.16
Orissa	41.20	55.25	362.29	476.26
Sikkim	0.00	0.00	0.00	0.00
West Bengal	6.82	10.15	64.29	73.89
Eastern Region	68.66	81.40	615.81	752.78
Arunachal Pradesh	0.17	0.15	1.60	1.54
Assam	0.56	4.65	6.14	13.37
Manipur	0.32	0.46	2.63	7.71
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.03	0.23	0.44	2.45
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.52	0.53	3.43	6.04
North Eastern Region	1.59	6.02	14.24	31.11
All India Total	5633.30	6754.25	50131.10	60402.25

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

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



Biomass Power Generation (State Wise) for the month of March 2021

Name of State/UT	Biomass Power Generation(MU) March'2020	Biomass Power Generation(MU) March'2021	Biomass Power Generation(MU) April'2019- March'2020	Biomass Power Generation(MU) April'2020- March'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	14.75	14.81	186.90	178.88
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	30.36	49.86	398.37	585.99
Rajasthan	34.82	30.75	389.94	413.24
Uttar Pradesh	25.38	8.76	129.63	135.82
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	105.31	104.17	1104.84	1313.92
Chhattisgarh	67.21	118.76	679.70	1089.32
Gujarat	10.86	0.00	107.03	43.15
Madhya Pradesh	0.16	0.00	1.81	0.48
Maharashtra	34.40	25.43	411.99	328.23
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	1.10	0.00	10.53
Goa	0.00	0.00	0.00	0.00
Western Region	112.64	145.29	1200.53	1471.71
Andhra Pradesh	13.84	13.76	147.47	135.21
Telangana	12.57	12.24	124.30	164.11
Karnataka	28.65	19.67	171.27	211.79
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	0.30	17.34	103.78	152.23
Lakshadweep	0.00	0.00	0.00	0.00
Puduchery	0.00	0.00	0.00	0.00
Southern Region	55.35	63.01	546.81	663.34
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	2.06	2.14	19.19	21.30
Jharkhand	0.00	0.00	0.00	0.00
Orissa	6.80	10.01	66.59	42.71
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region	8.86	12.15	85.79	64.01
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	282.16	324.62	2937.96	3512.98

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

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



Bagasse Power Generation (State Wise) for the month of March 2021

Name of State/UT	Bagasse Power Generation(MU) March'2020	Bagasse Power Generation(MU) March'2021	Bagasse Power Generation(MU) April'2019- March'2020	Bagasse Power Generation(MU) April'2020- March'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	16.36	20.71	94.57	142.34
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	30.63	42.00	252.84	231.50
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	527.04	536.79	3530.11	3590.87
Uttarakhand	19.37	20.26	110.26	85.33
Northern Region	593.40	619.76	3987.78	4050.03
Chhattisgarh	0.00	6.37	0.00	28.25
Gujarat	2.21	1.20	15.95	19.37
Madhya Pradesh	15.06	19.72	95.66	82.57
Maharashtra	359.47	540.02	2520.45	3627.43
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	376.75	567.30	2632.06	3757.61
Andhra Pradesh	11.04	9.91	58.49	67.66
Telangana	8.21	10.02	102.23	61.00
Karnataka	169.66	227.37	2205.38	2589.09
Kerala	0.00	4.36	11.03	45.68
Tamil Nadu	18.30	93.66	350.80	581.57
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	207.21	345.32	2727.94	3344.99
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	23.30	0.00	160.35	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	119.31	0.00	1295.07	148.73
Eastern Region	142.61	0.00	1456.69	150.21
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	1319.96	1532.39	10804.46	11302.85

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

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



Small Hydro Power Generation (State Wise) for the month of March 2021

Name of State/UT	Small Hydro Power Generation(MU) March'2020	Small Hydro Power Generation(MU) March'2021	Small Hydro Power Generation(MU) April'2019-March'2020	Small Hydro Power Generation(MU) April'2020-March'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	28.08	6.16	326.89	276.58
Himachal Pradesh	173.77	56.23	2155.58	2123.78
J & K	36.36	21.17	443.13	429.88
Ladakh	0.00	0.00	0.00	0.00
Punjab	50.47	22.63	712.77	690.33
Rajasthan	4.98	1.00	9.75	10.64
Uttar Pradesh	4.39	10.59	36.43	164.91
Uttarakhand	47.21	26.78	742.19	821.88
Northern Region	345.25	144.56	4426.73	4518.00
Chhattisgarh	9.97	7.69	101.75	145.52
Gujarat	21.75	20.35	194.80	211.94
Madhya Pradesh	14.56	16.09	246.16	281.76
Maharashtra	76.22	89.26	695.56	802.71
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	122.50	133.38	1238.27	1441.93
Andhra Pradesh	17.31	30.77	298.19	351.23
Telangana	2.17	6.78	46.29	67.27
Karnataka	62.72	71.37	1901.91	2199.68
Kerala	35.97	22.32	530.37	640.58
Tamil Nadu	11.20	11.72	235.76	244.77
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	129.37	142.96	3012.51	3503.54
Andaman Nicobar	0.29	0.60	5.70	14.69
Bihar	2.89	0.00	18.98	43.20
Jharkhand	2.58	0.27	5.43	1.13
Orissa	15.96	12.66	299.65	358.80
Sikkim	1.50	1.03	60.62	55.96
West Bengal	4.85	3.70	115.68	107.06
Eastern Region	28.07	18.25	506.06	589.03
Arunachal Pradesh	0.05	0.05	0.64	0.55
Assam	1.77	2.69	52.62	38.15
Manipur	0.00	0.00	1.57	0.00
Meghalaya	4.02	4.03	62.73	56.79
Mizoram	3.75	0.01	49.56	31.07
Nagaland	2.77	3.15	75.87	69.77
Tripura	2.11	1.44	24.67	9.58
North Eastern Region	14.46	11.37	267.66	205.91
All India Total	639.66	450.52	9451.23	10258.41

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

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



Others Power Generation Data (State Wise) for the month of March 2021

Name of State/UT	Others Power Generation(MU) March'2020	Others Power Generation(MU) March'2021	Others Power Generation(MU) April'2019- March'2020	Others Power Generation(MU) April'2020- March'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	21.88	21.95	287.39	236.71
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	0.02	0.06	0.32	0.17
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	21.90	22.02	287.70	236.88
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	2.69	0.00	18.77	10.61
Madhya Pradesh	5.94	4.80	32.02	37.57
Maharashtra	0.04	0.03	0.84	0.10
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	8.67	4.84	51.63	48.27
Andhra Pradesh	0.53	9.89	7.31	65.88
Telangana	5.86	7.99	19.25	69.05
Karnataka	0.00	0.00	0.00	0.00
Kerala	0.00	0.00	0.00	0.01
Tamil Nadu	0.00	0.00	0.00	0.00
Lakshadweep	0.00	0.00	0.00	0.00
Puduchery	0.00	0.00	0.00	0.00
Southern Region	6.39	17.89	26.56	134.93
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	130.79	0.00	1200.99
Eastern Region	0.00	130.79	0.00	1200.99
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	36.96	175.53	365.90	1621.06

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

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



Monthly RE generation from Inter state Generating Station (ISGS) for March 2021

Station	State/ Region	Sector (Central/State/Private)	Owner	Type	Installed Capacity(MW)	Actual Generation (MU)	Monthly CUF
AURAIYA*	Uttar Pradesh	Central	NTPC	Solar	20	2.59	17%
DADRI SOLAR *	Uttar Pradesh	Central	NTPC	Solar	5	0.63	17%
SINGRAULI SOLAR*	Uttar Pradesh	Central	NTPC	Solar	15	2.01	18%
UNCHAHAR SOLAR*	Uttar Pradesh	Central	NTPC	Solar	10	1.41	19%
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	11.31	30%
MAHOBIA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	44.41	30%
AZURE FORTY THREE PVT LTD	Rajasthan	Private	IPP	Solar	250	62.33	34%
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	51.47	28%
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	39.76	27%
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	29.32	30%
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Rajasthan	Private	IPP	Solar	50	11.91	32%
CLEAN SOLAR POWER (BHADLA) PVT LDT	Rajasthan	Private	IPP	Solar	300	64.69	29%
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	10.96	29%
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	52.79	28%
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	44.66	30%
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	32.98	30%
Northern Region **					2130	463.23	
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	47.29	25%
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	47.74	26%
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	51.51	28%
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	39.50	21%
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	50.47	23%
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	46.50	25%
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	43.45	19%
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	176.6	49.45	38%
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	26.20	14%
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	50.31	27%
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	41.64	19%
Western Region **					2526.6	494.06	
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	30.55	16%
ORANGE	Tamil Nadu	Private	IPP	Wind	200	23.64	16%
MYTRA	Tamil Nadu	Private	IPP	Wind	187	17.61	13%
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	126.2	17.97	19%
Southern Region **					763.2	89.77	
Total					5419.8	1047.06	

*Generation including self consumption and Injected into grid.

**As per Block wise generation from ISGS Projects received from RPCs.



Renewable Energy Generation (CPSU Wise) for the month of March 2021

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) March'2020	RE Generation(MU) March'2021	RE Generation(MU) April'2019-March'2020	RE Generation(MU) April'2020-March'2021
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.67	0.64	6.51	6.75
NTPC Bhadla	Rajasthan	260	Solar	39.36	38.52	438.60	440.42
NTPC Dadri_Solar *	Uttar Pradesh	5	Solar	0.65	0.63	6.39	6.65
NTPC Unchahar_Solar *	Uttar Pradesh	10	Solar	1.31	1.41	14.00	14.16
NTPC Singrauli_Solar *	Uttar Pradesh	15	Solar	2.02	2.01	20.37	21.18
NTPC Auraiya	Uttar Pradesh	15	Solar	0.00	2.59	0.00	7.52
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	2.68	3.19	13.15	19.32
NTPC Rojmal	Gujarat	50	Wind	4.92	7.23	103.11	83.94
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	7.58	7.53	75.37	78.57
NTPC Mandsaur	Madhya Pradesh	250	Solar	38.52	38.61	379.22	401.42
NTPC Anantapuram	Andhra Pradesh	250	Solar	38.34	39.62	398.44	381.54
NTPC Ramagundam	Telangana	10	Solar	1.36	1.30	14.06	14.14
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.45	0.57	4.73	5.27
NTPC Talchar_Solar	Orissa	10	Solar	1.31	1.21	13.78	13.81
NTPC Solar_Bilhaur	Uttar Pradesh	140		0.00	29.66	0.00	61.47
Total NTPC		1083		139.16	174.72	1487.73	1556.16
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	6.86	5.68	104.07	75.59
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	12.42	9.09	177.83	136.36
THDC Solar Kasaragod	Kerala	50	Solar	0.00	5.65	0.00	17.35
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.00	0.09	0.00	0.46
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	0.00	1.77	0.00	72.24
Total THDC		187.5		19.28	22.28	281.90	302.00
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	2.60	6.30	28.46	55.41
NHPC Solar Power Project	Tamilnadu	50	Solar	9.94	8.54	46.44	75.66
Total NHPC		100		12.54	14.84	74.90	131.08
ONGC*							
ONGC Wind, Bhuj	Gujarat	51	Wind	5.56	2.15	92.99	62.77
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	8.47	9.83	123.95	118.71
ONGC Solar, Goa	Goa	1	Solar	0.17	0.15	2.47	1.49
ONGC Solar, Hazira	Gujarat	10	Solar	1.72	1.69	25.63	15.35
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.77	0.69	11.99	7.66
ONGC Solar,Rajahmundry	Andhra Pradesh	1	Solar	0.12	0.12	2.27	1.19
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.00	0.13	0.00	0.87
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5	Solar	0.00	0.22	0.00	2.12
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.232	Solar	0.60	0.46	9.34	4.81
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	0.16	0.15	2.90	1.68
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.236	Solar	0.14	0.15	2.67	1.47
ONGC Solar, Agartala asset	Tripura	0.247	Solar	0.03	0.03	0.36	0.28
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.285	Solar	0.01	0.00	0.38	0.03
ONGC Solar, Cauvery Assesst Karaikal	Maharashtra	0.015	Solar	0.00	0.01	0.02	0.07
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.25	0.00
Total ONGC		184		17.75	15.77	275.22	218.50
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.6	Wind	2.77	2.10	55.04	48.26
Sadla Wind Power	Gujarat	50	Solar	3.75	6.10	73.07	73.75
Charanka Solar Power	Gujarat	5.6	Solar	0.80	0.93	6.58	7.22
Total SJVN		103.2		7.33	9.13	134.69	129.23
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.74	2.17	24.67	24.96
Oil India Ltd	Rajasthan	67.6	Wind	3.15	6.45	63.50	65.97
Oil India Ltd	Gujarat	43.3	Wind	4.90	6.43	100.70	91.27
Oil India Ltd	Madhya Pradesh	63.2	Wind	11.76	11.65	127.88	114.43
Total Oil India Ltd		188.1		21.54	26.69	316.74	296.63
NEEPCO							
NEEPCO	Tripura	5	Solar	0.49	0.50	9.89	5.33
DVC							
DVC	West Bangal	0.078	Solar	0.00	0.01	0.05	0.04
DVC	Jharkhand	4	Small Hydro	0.53	0.27	4.65	9.30
Total DVC				0.53	0.28	4.71	9.34
All India Total		1854.88		218.62	264.22	2585.78	2648.27

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 Injected into grid.