



भारत सरकार

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 जनवरी 2021

Monthly Renewable Energy (RE) Generation Report January 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 31.01.2021)	RE Generation(MU) January'2020	RE Generation(MU) January'2021	% of same period Last Year	RE Generation(MU) April'2019- January'2020	RE Generation(MU) April'2020- January'2021	% Of same period Last Year
	1	2	3	4	5	6	7
Wind	38683.65	3319.95	3562.30	107.30	57721.89	53745.27	93.11
Solar	38794.07	4612.72	4865.41	105.48	39407.14	48212.20	122.34
Biomass	10145.92	273.21	339.05	124.10	2347.05	2876.69	122.57
Bagasse		1906.91	2005.00	105.14	7741.14	7965.38	102.90
Small Hydro	4758.46	562.16	574.17	102.14	8255.16	9342.72	113.17
Others	168.64	23.95	164.50	686.77	300.26	1285.88	428.26
Total	92550.74	10698.91	11510.42	107.58	115772.65	123428.14	106.61



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

Name of State/UT	RE Generation(MU) January'2020	RE Generation(MU) January'2021	RE Generation(MU) April'2019-January'2020	RE Generation(MU) April'2020-January'2021
Chandigarh	0.18	0.17	10.22	6.74
Delhi #	26.72	26.00	362.62	355.89
Haryana	71.36	78.08	606.45	607.83
Himachal Pradesh	79.77	58.98	1907.04	2040.54
J & K	13.17	21.63	389.79	394.91
Ladakh	0.00	0.00	0.00	0.00
Punjab	225.98	213.75	2232.84	2391.71
Rajasthan	1141.87	1219.61	11684.91	13871.90
Uttar Pradesh	718.74	746.29	3703.20	4134.36
Uttarakhand	84.17	66.16	993.97	1093.51
Northern Region	2361.96	2430.67	21891.03	24897.39
Chhattisgarh	79.68	166.40	880.14	1298.36
Gujarat	1484.81	1694.62	14850.84	15221.22
Madhya Pradesh	625.34	649.44	6845.09	7114.91
Maharashtra	1125.42	1258.08	11743.66	11229.87
Dadra and Nagar Haveli	0.56	3.29	4.93	7.29
Daman & Diu	2.01	3.90	17.60	30.45
Goa	0.14	0.14	0.54	1.20
Western Region	3317.95	3775.88	34342.80	34903.31
Andhra Pradesh	779.00	1072.21	11890.19	11698.52
Telangana	593.25	600.56	5468.77	5605.07
Karnataka	2302.64	2228.37	21382.97	23544.75
Kerala	49.84	83.21	701.02	976.08
Tamil Nadu	1071.45	1063.89	17603.59	19302.32
Lakshadweep	0.06	0.03	0.53	0.40
Puducherry	0.37	1.02	3.40	4.35
Southern Region	4796.61	5049.30	57050.47	61131.48
Andaman Nicobar	1.64	2.84	14.99	33.47
Bihar *	45.56	13.69	263.45	199.23
Jharkhand	2.58	2.15	15.12	22.69
Orissa	54.85	66.06	663.05	734.39
Sikkim *	6.92	5.41	57.88	49.52
West Bengal	92.27	143.28	1222.62	1256.84
Eastern Region	203.82	233.43	2237.10	2296.15
Arunachal Pradesh *	0.20	0.17	1.80	1.70
Assam	1.52	5.23	54.26	37.08
Manipur *	0.60	0.97	3.57	6.83
Meghalaya	5.36	5.97	56.01	47.23
Mizoram	3.10	1.73	43.76	32.48
Nagaland	5.05	4.86	69.62	62.76
Tripura	2.73	2.22	22.23	11.74
North Eastern Region	18.56	21.15	251.25	199.82
All India Total	10698.91	11510.42	115772.65	123428.14

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 December 2020

Generation from other sources has been received .However Solar power generation considered as on December 2020 .

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 January 2021

Name of State/UT	Wind Power Generation(MU) January'2020	Wind Power Generation(MU) January'2021	Wind Power Generation(MU) April'2019- January'2020	Wind Power Generation(MU) April'2020- January'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	399.49	377.89	5313.38	4984.39
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	399.49	377.89	5330.28	4984.39
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1093.84	1215.92	11722.68	11315.84
Madhya Pradesh	260.92	263.07	3815.96	3378.44
Maharashtra	269.85	210.01	7297.28	5770.06
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	1624.61	1689.00	22835.91	20464.35
Andhra Pradesh	217.35	354.57	6851.33	5743.78
Telangana	19.20	15.07	202.53	189.88
Karnataka	478.48	600.99	9206.30	8550.52
Kerala	7.95	8.42	107.45	119.19
Tamil Nadu	572.88	516.37	13133.44	13692.16
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	1295.85	1495.41	29501.04	28295.53
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	3319.95	3562.30	57721.89	53745.27

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 January 2021

Name of State/UT	Solar Power Generation(MU) January'2020	Solar Power Generation(MU) January'2021	Solar Power Generation(MU) April'2019- January'2020	Solar Power Generation(MU) April'2020- January'2021
Chandigarh	0.18	0.17	10.22	6.74
Delhi	7.09	12.22	116.76	163.09
Haryana	15.85	27.68	113.20	93.39
Himachal Pradesh	1.92	2.78	6.75	30.54
J & K	0.00	1.23	0.00	6.60
Ladakh	0.00	0.00	0.00	0.00
Punjab	82.46	74.10	1128.53	1125.03
Rajasthan	701.08	801.05	6044.00	8529.58
Uttar Pradesh	118.16	133.05	1144.10	1383.58
Uttarakhand	18.94	17.10	276.15	280.38
Northern Region	945.68	1069.37	8839.73	11618.91
Chhattisgarh	30.38	33.08	263.72	300.89
Gujarat	356.69	456.31	2861.75	3663.82
Madhya Pradesh	309.67	336.77	2739.45	3410.91
Maharashtra	205.42	224.65	1897.84	2074.37
Dadra and Nagar Haveli	0.56	3.29	4.93	7.29
Daman & Diu	2.01	2.80	17.60	22.12
Goa	0.14	0.14	0.54	1.20
Western Region	904.87	1057.04	7785.84	9480.60
Andhra Pradesh	506.42	636.57	4631.04	5472.39
Telangana	530.77	539.21	5043.75	5125.24
Karnataka	1221.55	1018.72	8614.20	10789.96
Kerala	13.99	30.87	112.45	225.10
Tamil Nadu	439.66	437.49	3869.90	4873.96
Lakshadweep	0.06	0.03	0.53	0.40
Puducherry	0.37	1.02	3.41	4.35
Southern Region	2712.82	2663.91	22275.28	26491.40
Andaman Nicobar	0.90	2.12	9.87	20.11
Bihar	10.79	11.55	130.25	137.53
Jharkhand	1.31	1.55	13.52	13.91
Orissa	30.32	48.76	289.78	374.81
Sikkim	0.00	0.00	0.00	0.00
West Bengal	5.04	7.47	51.76	55.25
Eastern Region	48.35	71.45	495.18	601.63
Arunachal Pradesh	0.16	0.12	1.26	1.25
Assam	0.48	0.57	5.08	4.75
Manipur	0.32	0.97	2.00	6.83
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.03	1.44	0.38	1.79
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.01	0.54	2.39	5.04
North Eastern Region	1.00	3.64	11.11	19.66
All India Total	4612.72	4865.41	39407.14	48212.20

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 January 2021

Name of State/UT	Biomass Power Generation(MU) January'2020	Biomass Power Generation(MU) January'2021	Biomass Power Generation(MU) April'2019- January'2020	Biomass Power Generation(MU) April'2020- January'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	15.65	16.32	160.51	149.26
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	41.76	48.72	316.81	485.70
Rajasthan	39.86	37.90	323.65	349.64
Uttar Pradesh	18.97	26.92	82.07	119.37
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	116.23	129.86	883.03	1103.97
Chhattisgarh	43.01	117.82	531.04	851.81
Gujarat	14.33	0.00	84.56	43.14
Madhya Pradesh	0.12	0.06	1.49	0.38
Maharashtra	43.40	30.17	340.82	278.74
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	1.10	0.00	8.33
Goa	0.00	0.00	0.00	0.00
Western Region	100.86	149.16	957.91	1182.40
Andhra Pradesh	13.28	10.20	119.06	110.33
Telangana	11.37	14.50	97.90	137.30
Karnataka	13.79	18.14	130.50	177.40
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	7.69	12.80	92.29	121.92
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	46.13	55.65	439.75	546.96
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	2.09	2.14	15.19	17.02
Jharkhand	0.00	0.00	0.00	0.00
Orissa	7.90	2.24	51.17	26.34
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region	9.99	4.38	66.36	43.36
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	273.21	339.05	2347.05	2876.69

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 January,2021

Name of State/UT	Bagasse Power Generation(MU) January'2020	Bagasse Power Generation(MU) January'2021	Bagasse Power Generation(MU) April'2019- January'2020	Bagasse Power Generation(MU) April'2020- January'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	14.83	22.20	54.92	100.92
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	46.23	46.96	176.93	139.18
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	576.90	568.90	2450.09	2505.60
Uttarakhand	23.65	15.58	66.66	44.81
Northern Region	661.61	653.64	2748.60	2790.50
Chhattisgarh	0.00	7.00	0.00	15.52
Gujarat	2.28	3.78	10.12	15.08
Madhya Pradesh	24.16	19.96	58.32	45.70
Maharashtra	546.90	728.15	1668.45	2454.04
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	573.34	758.89	1736.89	2530.34
Andhra Pradesh	6.57	11.88	39.72	46.43
Telangana	28.59	19.06	73.68	42.89
Karnataka	496.02	493.69	1660.31	1968.86
Kerala	0.00	4.20	11.03	38.74
Tamil Nadu	22.16	63.64	301.20	397.41
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	553.34	592.47	2085.94	2494.33
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	31.99	0.00	105.89	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	86.64	0.00	1063.82	148.73
Eastern Region	118.63	0.00	1169.71	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	1906.91	2005.00	7741.14	7965.38

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 January,2021

Name of State/UT	Small Hydro Power Generation(MU) January'2020	Small Hydro Power Generation(MU) January'2021	Small Hydro Power Generation(MU) April'2019-January'2020	Small Hydro Power Generation(MU) April'2020-January'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	25.04	11.88	277.83	264.26
Himachal Pradesh	77.85	56.21	1900.28	2010.01
J & K	13.17	20.40	389.79	388.31
Ladakh	0.00	0.00	0.00	0.00
Punjab	55.50	43.97	593.40	641.73
Rajasthan	1.44	2.77	3.88	8.30
Uttar Pradesh	4.71	17.43	26.95	125.81
Uttarakhand	41.58	33.48	651.16	768.32
Northern Region	219.28	186.13	3843.28	4206.74
Chhattisgarh	6.28	8.50	85.37	130.14
Gujarat	17.67	18.61	155.65	172.73
Madhya Pradesh	27.25	26.65	208.08	249.90
Maharashtra	59.80	65.10	538.49	652.61
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	111.00	118.86	987.59	1205.38
Andhra Pradesh	34.65	48.87	242.90	279.11
Telangana	3.03	8.27	41.55	55.93
Karnataka	92.81	96.83	1771.66	2058.00
Kerala	27.90	39.73	470.09	593.04
Tamil Nadu	29.06	33.59	206.79	216.86
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	187.45	227.29	2732.98	3202.94
Andaman Nicobar	0.74	0.72	5.12	13.37
Bihar	0.69	0.00	12.13	43.20
Jharkhand	0.00	0.60	0.27	0.60
Orissa	16.64	15.06	267.43	333.24
Sikkim	6.92	5.41	57.88	49.52
West Bengal	1.88	2.60	108.36	100.39
Eastern Region	26.86	24.38	451.18	548.50
Arunachal Pradesh	0.04	0.05	0.55	0.45
Assam	1.03	4.66	49.18	32.33
Manipur	0.28	0.00	1.57	0.00
Meghalaya	5.36	5.97	56.01	47.23
Mizoram	3.07	0.29	43.37	30.69
Nagaland	5.05	4.86	69.61	61.76
Tripura	2.72	1.67	19.84	6.70
North Eastern Region	17.57	17.51	240.13	179.16
All India Total	562.16	574.17	8255.16	9342.72

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 January,2021

Name of State/UT	Others Power Generation(MU) January'2020	Others Power Generation(MU) January'2021	Others Power Generation(MU) April'2019- January'2020	Others Power Generation(MU) April'2020- January'2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	19.63	13.78	245.88	192.80
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	0.03	0.00	0.25	0.08
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	19.66	13.78	246.12	192.88
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	16.07	10.61
Madhya Pradesh	3.22	2.93	21.79	29.57
Maharashtra	0.05	0.01	0.77	0.06
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	3.27	2.94	38.64	40.24
Andhra Pradesh	0.74	10.12	6.15	46.48
Telangana	0.29	4.45	9.36	53.83
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
Puducherry	0.00	0.00	0.00	0.00
Southern Region	1.02	14.57	15.50	100.31
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	133.21	0.00	952.46
Eastern Region	0.00	133.21	0.00	952.46
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	23.95	164.50	300.26	1285.88

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 January 2021							
Station	State/ Region	Sector (Central/State/ Private)	Owner	Type	Installed Capacity(MW)	Actual Generation (MU)	Monthly CUF
AURAIYA	Uttar Pradesh	Central	NTPC	Solar	8	1.27	21%
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.36	10%
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	1.60	14%
UNCHAHAH SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	0.82	11%
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	9.07	24%
MAHOBHA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	37.91	25%
AZURE FORTY THREE PVT LTD	Rajasthan	Private	IPP	Solar	150	25.79	23%
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	41.69	22%
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	34.08	23%
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	24.62	25%
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Rajasthan	Private	IPP	Solar	50	9.61	26%
CLEAN SOLAR POWER (BHADLA) PVT LTD	Rajasthan	Private	IPP	Solar	300	56.03	25%
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	9.17	25%
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	43.80	24%
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	36.96	25%
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	28.74	26%
Northern Region **					2018	361.51	24%
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	40.76	22%
ARINSUN SOLAR (BARSITADESH)	Madhya Pradesh	Private	IPP	Solar	250	40.60	22%
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	40.24	22%
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	47.02	25%
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	54.45	24%
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	58.39	31%
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	45.13	20%
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	176.6	36.79	28%
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	21.51	12%
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	66.53	36%
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	30.69	14%
Western Region **					2526.6	482.11	26%
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	52.91	28%
ORANGE	Tamil Nadu	Private	IPP	Wind	200	37.62	25%
MYTRA	Tamil Nadu	Private	IPP	Wind	187	26.97	19%
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	126.2	29.98	32%
Southern Region **					763.2	147.48	
Total					5307.8	991.10	

*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 January,2020

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) January'2020	RE Generation(MU) January'2021	RE Generation(MU) April'2019- January'2020	RE Generation(MU) April'2020- January'2021
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.35	0.41	4.85	5.57
NTPC Bhadla	Rajasthan	260	Solar	34.05	33.98	324.65	366.21
NTPC Dadri_Solar *	Uttar Pradesh	5	Solar	0.33	0.36	4.67	5.49
NTPC Unchahar_Solar *	Uttar Pradesh	10	Solar	0.76	0.82	10.50	11.53
NTPC Singrauli_Solar *	Uttar Pradesh	15	Solar	1.39	1.60	14.94	17.30
NTPC Auraiya	Uttar Pradesh	15	Solar	0.00	1.27	0.00	3.12
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	0.00	0.48	7.60	14.19
NTPC Rojmal	Gujarat	50	Wind	9.49	8.34	86.57	71.16
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	5.64	6.30	54.21	64.05
NTPC Mandsaur	Madhya Pradesh	250	Solar	29.18	32.31	270.87	327.16
NTPC Anantapuram	Andhra Pradesh	250	Solar	27.65	33.12	284.91	305.77
NTPC Ramagundam	Telangana	10	Solar	0.43	1.17	10.29	11.62
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.33	0.58	3.39	4.18
NTPC Talchar_Solar	Orissa	10	Solar	1.12	1.14	10.09	11.31
NTPC Solar_Bilhaur	Uttar Pradesh	140			3.63		3.63
Total NTPC		1083		110.70	125.51	1087.56	1222.29
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	8.74	7.14	84.57	65.97
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	19.44	13.39	138.20	119.36
THDC Solar Kasaragod	Kerala	50	Solar	0.00	5.35	0.00	5.35
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.00	0.03	0.00	0.37
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	0.00	6.74	0.00	58.74
Total THDC		187.5		28.18	32.65	222.77	249.79
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	4.62	3.84	30.48	49.11
NHPC Solar Power Project	Tamilnadu	50	Solar	7.60	6.20	44.10	67.12
Total NHPC		100		12.22	10.03	74.58	116.24
ONGC*							
ONGC Wind, Bhuj	Gujarat	51	Wind	7.36	4.75	14.85	58.77
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	6.72	5.61	18.92	104.81
ONGC Solar, Goa	Goa	1	Solar	0.14	0.14	0.41	1.20
ONGC Solar, Hazira	Gujarat	10	Solar	1.21	1.34	3.64	12.28
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.54	0.58	1.65	6.35
ONGC Solar,Rajahmundry	Andhra Pradesh	1	Solar	0.10	0.10	0.32	0.96
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.35	0.10	1.15	0.63
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5	Solar	0.13	0.18	0.45	1.72
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.232	Solar	0.11	0.41	0.33	3.93
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	0.01	0.12	0.04	1.40
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.236	Solar	0.01	0.11	0.02	1.20
ONGC Solar, Agartala asset	Tripura	0.247	Solar	0.00	0.02	0.00	0.22
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.285	Solar	0.00	0.00	0.00	0.02
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.015	Solar	0.00	0.01	0.00	0.06
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00	0.00
Total ONGC		184		16.69	13.46	41.78	193.55
SJVN Limited							
Khirvi Wind Power	Maharashtra	47.6	Wind	0.93	0.68	49.53	44.71
Sadla Wind Power	Gujarat	50	Solar	5.38	4.84	64.43	62.98
Charanka Solar Power	Gujarat	5.6	Solar	0.70	0.79	4.34	5.51
Total SJVN		103.2		7.01	6.31	118.31	113.20
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.87	1.96	16.41	20.78
Oil India Ltd	Rajasthan	67.6	Wind	3.18	4.09	53.22	57.08
Oil India Ltd	Gujarat	43.3	Wind	10.77	9.96	80.85	80.05
Oil India Ltd	Madhya Pradesh	63.2	Wind	8.38	7.95	98.44	97.36
Total Oil India Ltd		188.1		24.20	23.96	248.92	255.27
NEEPCO							
NEEPCO	Tripura	5	Solar	0.00	0.52	8.88	4.37
All India Total		1850.80		199.00	212.45	1802.79	2154.69

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.