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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 दिसंबर 2020

Monthly Renewable Energy (RE) Generation Report December 2020



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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 31.12.2020)	RE Generation(MU) December'2020	RE Generation(MU) December'2019	% Of same period Last Year (2/3)	RE Generation(MU) April'2020- December'2020	RE Generation(MU) April'2019- December'2019	% Of same period Last Year (5/6)
	1	2	3	4	5	6	7
Wind	38624.15	3815.71	3948.74	96.63	50182.97	54401.94	92.24
Solar	37464.64	4748.55	3928.39	120.88	43346.79	34794.42	124.58
Biomass	10145.92	323.65	239.09	135.37	2537.65	2073.84	122.36
Bagasse		1986.96	1857.18	106.99	5960.38	5834.23	102.16
Small Hydro	4750.46	698.28	701.69	99.51	8768.55	7692.99	113.98
Others	168.64	167.19	29.61	564.56	1121.39	276.31	405.85
Total	91153.81	11740.33	10704.71	109.67	111917.72	105073.73	106.51



Renewable Energy Generation (State Wise) for the month of December,2020

Name of State/UT	RE Generation(MU) December'2020	RE Generation(MU) December'2019	RE Generation(MU) April'2020- December'2020	RE Generation(MU) April'2019- December'2019
Chandigarh*	0.29	1.78	6.57	10.04
Delhi #	26.72	29.28	329.90	335.90
Haryana	73.44	76.32	529.75	535.09
Himachal Pradesh	57.40	86.53	1981.56	1827.27
J & K	18.13	18.23	373.28	376.62
Ladakh	0.00	0.00	0.00	0.00
Punjab	242.22	181.39	2177.96	2006.86
Rajasthan	1281.19	1104.36	12652.29	10543.04
Uttar Pradesh	746.61	706.54	3388.06	2984.46
Uttarakhand *	109.85	82.16	1027.35	909.80
Northern Region	2555.86	2286.59	22466.72	19529.07
Chhattisgarh	143.48	85.49	1131.96	800.46
Gujarat	1535.21	1746.10	13526.60	13366.03
Madhya Pradesh	590.85	621.76	6465.47	6219.74
Maharashtra	1398.24	1062.26	9971.78	10618.24
Dadra and Nagar Haveli*	0.38	0.47	3.99	4.38
Daman & Diu	3.80	2.23	26.55	15.59
Goa	0.14	0.14	1.06	0.40
Western Region	3672.09	3518.45	31127.42	31024.84
Andhra Pradesh	1016.13	683.54	10626.31	11111.19
Telangana	652.79	534.73	5004.51	4875.52
Karnataka	2530.05	2348.83	21316.37	19080.32
Kerala	84.54	67.14	892.87	651.18
Tamil Nadu	970.70	1027.32	18238.43	16532.14
Lakshadweep	0.03	0.05	0.36	0.47
Puducherry *	0.37	0.37	3.33	3.03
Southern Region	5254.61	4661.98	56082.18	52253.85
Andaman Nicobar	2.95	1.80	30.63	13.35
Bihar	13.69	45.56	185.54	217.89
Jharkhand	1.36	1.22	12.36	12.22
Orissa	61.75	53.11	668.33	608.20
Sikkim *	5.41	6.92	44.12	50.96
West Bengal	148.22	86.47	1113.54	1130.34
DVC	2.59	0.01	8.20	0.32
Eastern Region	235.98	195.08	2062.72	2033.27
Arunachal Pradesh *	0.17	0.22	1.53	1.60
Assam	5.23	18.49	31.85	52.74
Manipur *	0.97	1.24	5.86	2.97
Meghalaya	6.51	9.66	41.26	50.65
Mizoram	0.60	4.11	30.76	40.66
Nagaland	6.18	6.14	57.89	64.57
Tripura	2.15	2.74	9.52	19.50
North Eastern Region	21.80	42.61	178.67	232.69
All India Total	11740.33	10704.71	111917.72	105073.73

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 November 2020

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

Name of State/UT	Wind Power Generation(MU) December'2020	Wind Power Generation(MU) December'2019	Wind Power Generation(MU) April'2020- December'2020	Wind Power Generation(MU) April'2019- December'2019
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	16.90
Rajasthan	446.23	408.90	4606.50	5322.79
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	446.23	408.90	4606.50	5339.69
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1100.66	1384.15	10099.92	12012.99
Madhya Pradesh	214.60	298.80	3115.38	3853.83
Maharashtra	357.38	304.39	5560.05	7331.82
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	1672.64	1987.34	18775.35	23198.64
Andhra Pradesh	390.83	242.02	5389.21	6876.01
Telangana	17.67	20.46	174.81	203.79
Karnataka	801.90	682.61	7949.53	9410.43
Kerala	8.03	9.83	110.78	109.33
Tamil Nadu	478.42	597.59	13175.79	13158.13
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	1696.85	1552.51	26800.12	29757.69
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	54.66
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
DVC	0.00	0.00	0.00	0.00
Eastern Region	0.00	0.00	0.00	54.66
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	1.00	0.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	1.00	0.00
All India Total	3815.71	3948.74	50182.97	54401.94

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 December,2020

Name of State/UT	Solar Power Generation(MU) December'2020	Solar Power Generation(MU) December'2019	Solar Power Generation(MU) April'2020-December'2020	Solar Power Generation(MU) April'2019-December'2019
Chandigarh	0.29	1.78	6.57	10.04
Delhi	12.22	7.09	150.88	109.68
Haryana	9.34	14.77	65.71	97.35
Himachal Pradesh	3.06	2.03	27.76	4.84
J & K	1.23	0.00	5.37	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	81.52	55.39	1050.93	1046.08
Rajasthan	797.88	657.74	7728.53	5342.92
Uttar Pradesh	128.05	93.35	1250.53	1025.95
Uttarakhand	25.63	19.24	263.28	257.21
Northern Region	1059.22	851.38	10549.54	7894.08
Chhattisgarh	33.28	27.81	267.81	233.34
Gujarat	408.32	328.26	3207.52	2505.06
Madhya Pradesh	322.23	269.85	3074.14	2429.78
Maharashtra	224.35	174.96	1849.72	1692.42
Dadra and Nagar Haveli	0.38	0.47	3.99	4.38
Daman & Diu	2.58	2.23	19.32	15.59
Goa	0.14	0.14	1.06	0.40
Western Region	991.28	803.72	8423.56	6880.97
Andhra Pradesh	555.55	375.45	4835.82	4124.62
Telangana	585.99	471.75	4586.03	4512.98
Karnataka	1060.68	995.77	9771.25	7392.64
Kerala	24.99	10.69	194.24	98.47
Tamil Nadu	403.76	374.78	4436.47	3430.24
Lakshadweep	0.03	0.05	0.36	0.47
Puducherry	0.37	0.37	3.33	3.04
Southern Region	2631.37	2228.86	23827.50	19562.45
Andaman Nicobar	1.97	0.75	17.99	8.97
Bihar	11.55	10.79	125.98	119.46
Jharkhand	1.36	1.22	12.36	12.22
Orissa	44.27	25.79	326.04	259.46
Sikkim	0.00	0.00	0.00	0.00
West Bengal	5.07	4.76	47.78	46.67
DVC	0.006	0.005	0.023	0.04
Eastern Region	64.23	43.31	530.17	446.83
Arunachal Pradesh	0.12	0.18	1.13	1.10
Assam	0.57	0.68	4.18	4.59
Manipur	0.97	0.24	5.86	1.68
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.18	0.03	0.36	0.35
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.61	0.02	4.50	2.37
North Eastern Region	2.45	1.13	16.02	10.09
All India Total	4748.55	3928.39	43346.79	34794.42

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 December,2020

Name of State/UT	Biomass Power Generation(MU) December'2020	Biomass Power Generation(MU) December'2019	Biomass Power Generation(MU) April'2020- December'2020	Biomass Power Generation(MU) April'2019- December'2019
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	16.08	14.36	132.94	144.87
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	55.52	39.01	436.98	275.05
Rajasthan	35.14	36.70	311.74	283.79
Uttar Pradesh	24.56	10.22	92.45	63.10
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	131.30	100.28	974.11	766.80
Chhattisgarh	100.58	52.61	733.99	488.03
Gujarat	0.00	10.74	43.14	70.23
Madhya Pradesh	0.03	0.12	0.32	1.36
Maharashtra	28.31	33.43	248.56	297.42
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.21	0.00	7.24	0.00
Goa	0.00	0.00	0.00	0.00
Western Region	130.14	96.90	1033.24	857.05
Andhra Pradesh	11.80	8.69	100.13	105.78
Telangana	14.76	6.62	122.80	86.53
Karnataka	20.42	11.76	159.26	116.71
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	13.09	8.97	109.12	84.60
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	60.07	36.04	491.31	393.61
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	2.14	2.09	14.88	13.10
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	3.78	24.10	43.28
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
DVC	0.00	0.00	0.00	0.00
Eastern Region	2.14	5.87	38.98	56.38
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	323.65	239.09	2537.65	2073.84

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 December,2020

Name of State/UT	Bagasse Power Generation(MU) December'2020	Bagasse Power Generation(MU) December'2019	Bagasse Power Generation(MU) April'2020- December'2020	Bagasse Power Generation(MU) April'2019- December'2019
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	22.76	24.03	78.72	40.09
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	45.78	34.28	92.22	130.70
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	577.54	600.23	1936.70	1873.19
Uttarakhand	0.00	20.37	29.23	43.01
Northern Region	646.08	678.91	2136.86	2086.99
Chhattisgarh	3.44	0.00	8.52	0.00
Gujarat	3.63	3.77	11.30	7.84
Madhya Pradesh	19.73	22.20	25.74	34.16
Maharashtra	734.56	499.14	1725.89	1121.55
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	761.35	525.11	1771.45	1163.55
Andhra Pradesh	9.94	7.76	34.55	33.14
Telangana	22.61	27.86	23.83	45.09
Karnataka	502.61	494.48	1475.17	1164.30
Kerala	4.02	1.36	34.54	11.03
Tamil Nadu	40.35	12.16	333.77	279.04
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	579.53	543.62	1901.86	1532.60
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	31.99	1.48	73.90
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	77.55	148.73	977.19
DVC	0.00	0.00	0.00	0.00
Eastern Region	0.00	109.54	150.21	1051.08
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	1986.96	1857.18	5960.38	5834.23

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 December,2020

Name of State/UT	Small Hydro Power Generation(MU) December'2020	Small Hydro Power Generation(MU) December'2019	Small Hydro Power Generation(MU) April'2020-December'2020	Small Hydro Power Generation(MU) April'2019-December'2019
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	25.26	23.16	252.38	252.78
Himachal Pradesh	54.34	84.50	1953.80	1822.43
J & K	16.90	18.23	367.91	376.62
Ladakh	0.00	0.00	0.00	0.00
Punjab	59.36	52.68	597.76	537.90
Rajasthan	1.95	1.02	5.52	2.44
Uttar Pradesh	16.46	2.75	108.38	22.24
Uttarakhand	84.22	42.55	734.84	609.58
Northern Region	258.49	224.90	4020.60	3623.98
Chhattisgarh	6.18	5.08	121.64	79.09
Gujarat	22.60	19.17	154.12	137.98
Madhya Pradesh	30.70	27.94	223.26	180.83
Maharashtra	53.64	50.26	587.50	478.69
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	113.11	102.45	1086.52	876.58
Andhra Pradesh	41.60	48.83	230.24	208.25
Telangana	7.42	4.38	47.66	38.52
Karnataka	144.44	164.22	1961.17	1678.85
Kerala	47.50	45.26	553.31	442.19
Tamil Nadu	35.08	33.83	183.27	177.72
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	276.04	296.52	2975.65	2545.52
Andaman Nicobar	0.99	1.05	12.65	4.37
Bihar	0.00	0.69	43.20	11.44
Jharkhand	0.00	0.00	0.00	0.00
Orissa	17.48	23.54	318.19	250.79
Sikkim	5.41	6.92	44.12	50.96
West Bengal	4.83	4.16	97.79	106.48
DVC	2.59	0.00	8.18	0.27
Eastern Region	31.29	36.36	524.12	424.32
Arunachal Pradesh	0.05	0.04	0.41	0.50
Assam	4.66	17.82	27.67	48.15
Manipur	0.00	1.00	0.00	1.29
Meghalaya	6.51	9.66	41.26	50.65
Mizoram	0.42	4.09	30.40	40.30
Nagaland	6.18	6.14	56.89	64.57
Tripura	1.54	2.72	5.02	17.12
North Eastern Region	19.35	41.47	161.66	222.58
All India Total	698.28	701.69	8768.55	7692.99

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 December,2020

Name of State/UT	Others Power Generation(MU) December'2020	Others Power Generation(MU) December'2019	Others Power Generation(MU) April'2020- December'2020	Others Power Generation(MU) April'2019- December'2019
Chandigarh	0.00	0.00	0.00	0.00
Delhi	14.51	22.19	179.02	226.24
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	0.04	0.03	0.08	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	14.55	22.22	179.10	226.46
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	10.61	16.07
Madhya Pradesh	3.56	2.85	26.64	18.57
Maharashtra	0.00	0.09	0.05	0.72
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	3.56	2.94	37.30	35.36
Andhra Pradesh	6.41	0.79	36.36	5.41
Telangana	4.35	3.66	49.38	9.07
Karnataka	0.00	0.00	0.00	0.00
Kerala	0.00	0.00	0.01	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	10.76	4.45	85.74	14.48
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	138.32	0.00	819.25	0.00
DVC	0.00	0.00	0.00	0.00
Eastern Region	138.32	0.00	819.25	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	167.19	29.61	1121.39	276.31

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 December 2020							
Station	State/ Region	Sector (Central/State/ Private)	Owner	Type	Installed Capacity(MW)	Actual Generation (MU)	Monthly CUF
AURAIYA	Uttar Pradesh	Central	NTPC	Solar	8	1.26	21%
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.49	13%
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	1.04	9%
UNCHAHAHAR SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	1.00	13%
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	9.22	25%
MAHOBHA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	39.41	26%
AZURE FORTY THREE PVT LTD	Rajasthan	Private	IPP	Solar	150	12.09	11%
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	42.11	23%
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	34.12	23%
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	25.93	27%
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Rajasthan	Private	IPP	Solar	50	9.77	26%
CLEAN SOLAR POWER (BHADLA) PVT LTD	Rajasthan	Private	IPP	Solar	300	59.62	27%
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	9.41	25%
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	43.72	24%
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	38.17	26%
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	29.26	26%
UNCHAHAHAR SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	0.98	13%
Northern Region **					2018	356.62	24%
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	36.83	20%
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	36.86	20%
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	36.70	20%
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	48.24	26%
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	42.65	19%
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	49.88	27%
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	37.99	17%
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	176.6	30.05	23%
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	18.84	10%
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	55.89	30%
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	25.08	11%
Western Region **					2526.6	419.02	22%
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	52.90	28%
ORANGE	Tamil Nadu	Private	IPP	Wind	200	38.14	26%
MYTRA	Tamil Nadu	Private	IPP	Wind	187	28.17	20%
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	126.2	29.89	32%
Southern Region **					763.2	149.10	
Total					5307.8	924.73	

*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 December,2020

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) December'2020	RE Generation(MU) December'2019	RE Generation(MU) April'2020- December'2020	RE Generation(MU) April'2019- December'2019
NTPC							
NTPC Faridabad _Solar	Haryana	5	Solar	0.49	0.35	5.16	4.85
NTPC Bhadla	Rajasthan	260	Solar	34.18	34.05	332.23	324.65
NTPC Dadri _Solar *	Uttar Pradesh	5	Solar	0.49	0.33	5.13	4.67
NTPC Unchahar _Solar *	Uttar Pradesh	10	Solar	1.00	0.76	10.72	10.50
NTPC Singrauli _Solar *	Uttar Pradesh	15	Solar	1.04	1.39	15.10	14.94
NTPC Auraiya	Uttar Pradesh	15	Solar	1.29	0.00	1.85	0.00
NTPC Singrauli _SH	Uttar Pradesh	8	Small Hydro	0.00	0.00	13.71	7.60
NTPC Rojmal	Gujarat	50	Wind	7.40	9.49	62.81	86.57
NTPC Rajgarh _Solar	Madhya Pradesh	50	Solar	6.01	5.64	57.75	54.21
NTPC Mandsaur	Madhya Pradesh	250	Solar	32.41	29.18	294.84	270.87
NTPC Anantapuram	Andhra Pradesh	250	Solar	29.26	27.65	272.65	284.91
NTPC Ramagundam	Telangana	10	Solar	1.36	0.43	10.46	10.29
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.49	0.33	3.59	3.39
NTPC Talchar _Solar	Orissa	10	Solar	1.21	1.12	10.13	10.09
Total NTPC		943		116.63	110.70	1096.13	1087.56
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	5.84	8.74	58.83	84.57
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	13.66	19.44	105.97	138.20
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.03	0.00	0.34	0.00
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	7.97	0.00	52.00	0.00
Total THDC		137.5		27.50	28.18	217.14	222.77
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	4.32	4.62	45.28	30.48
NHPC Solar Power Project	Tamilnadu	50	Solar	5.70	7.60	60.93	44.10
Total NHPC		100		10.02	12.22	106.20	74.58
ONGC*							
ONGC Wind, Bhuj	Gujarat	51	Wind	5.15	7.36	56.15	14.85
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	8.09	6.72	110.09	18.92
ONGC Solar, Goa	Goa	1	Solar	0.14	0.14	1.14	0.41
ONGC Solar, Hazira	Gujarat	10	Solar	1.23	1.21	11.23	3.64
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.52	0.54	5.52	1.65
ONGC Solar,Rajahmundry	Andhra Pradesh	1	Solar	0.10	0.10	1.10	0.32
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.11	0.35	1.20	1.15
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5	Solar	0.36	0.13	5.36	0.45
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.232	Solar	0.36	0.11	4.59	0.33
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	0.14	0.01	1.78	0.04
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.236	Solar	0.11	0.01	1.35	0.02
ONGC Solar, Agartala asset	Tripura	0.247	Solar	0.02	0.00	0.27	0.00
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.285	Solar	0.00	0.00	0.29	0.00
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.015	Solar	0.01	0.00	0.02	0.00
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.25	0.00
Total ONGC		184		16.34	16.69	152.69	41.78
SJVN Limited							
Khivire Wind Power	Maharashtra	47.6	Wind	1.93	0.93	54.94	49.53
Sadla Wind Power	Gujarat	50	Solar	6.26	5.38	59.94	64.43
Charanka Solar Power	Gujarat	5.6	Solar	0.64	0.70	4.25	4.34
Total SJVN		103.2		8.82	7.01	119.13	118.31
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.97	1.87	18.82	16.41
Oil India Ltd	Rajasthan	67.6	Wind	4.67	3.18	52.99	53.22
Oil India Ltd	Gujarat	43.3	Wind	8.19	10.77	70.09	80.85
Oil India Ltd	Madhya Pradesh	63.2	Wind	5.84	8.38	89.41	98.44
Total Oil India Ltd		188.1		20.67	24.20	231.31	248.92
NEEPCO							
NEEPCO	Tripura	5	Solar	0.29	0.00	3.08	8.88
All India Total		1660.80		200.28	199.00	1925.68	1802.79

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.