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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 नवंबर 2020

Monthly Renewable Energy Generation report November 2020



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Sub Report - 1

Period : November 2020

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 30.11.2020)	RE Generation(MU) November'2020	RE Generation(MU) November'2019	% Of same period Last Year (2/3)	RE Generation(MU) April'2020- November'2020	RE Generation(MU) April'2019- November'2019	% Of same period Last Year (5/6)
	1	2	3	4	5	6	7
Wind	38433.55	3305.21	2723.82	121.34	46367.26	50453.20	91.90
Solar	36910.53	4592.34	3936.82	116.65	38598.24	30866.03	125.05
Biomass	10145.92	303.51	207.66	146.16	2214.00	1834.75	120.67
Bagasse		1437.83	862.70	166.67	3973.42	3977.05	99.91
Small Hydro	4740.47	856.67	835.54	102.53	8070.27	6991.30	115.43
Others	168.64	161.70	27.57	586.51	954.20	246.69	386.79
Total	90399.11	10657.25	8594.11	124.01	100177.39	94369.02	106.15



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

Name of State/UT	RE Generation(MU) November'2020	RE Generation(MU) November'2019	RE Generation(MU) April'2020- November'2020	RE Generation(MU) April'2019- November'2019
Chandigarh*	0.29	0.24	6.28	8.26
Delhi #	34.08	34.40	303.17	306.61
Haryana	50.16	52.38	456.31	458.77
Himachal Pradesh	94.53	131.09	1924.16	1740.74
J & K	18.40	20.39	355.15	358.39
Ladakh	0.00	0.00	0.00	0.00
Punjab	196.34	154.17	1935.75	1825.46
Rajasthan	1063.92	1029.70	11371.10	9438.68
Uttar Pradesh	535.51	460.50	2641.45	2277.93
Uttarakhand *	109.85	86.18	917.50	827.64
Northern Region	2103.07	1969.04	19910.86	17242.48
Chhattisgarh	138.37	89.29	988.47	714.97
Gujarat	1473.31	1114.38	11991.39	11619.94
Madhya Pradesh	574.86	426.99	5874.62	5597.99
Maharashtra	1252.79	613.43	8573.55	9555.98
Dadra and Nagar Haveli*	0.38	0.51	3.62	3.90
Daman & Diu	3.70	1.78	22.76	13.36
Goa	0.14	0.14	0.92	0.26
Western Region	3443.54	2246.51	27455.33	27506.39
Andhra Pradesh	857.67	788.95	9610.18	10427.65
Telangana	557.45	545.80	4351.71	4340.79
Karnataka	2475.43	2001.42	18786.33	16731.49
Kerala	92.82	79.92	808.33	584.04
Tamil Nadu	832.14	733.13	17267.73	15504.82
Lakshadweep	0.04	0.05	0.33	0.42
Puducherry *	0.37	0.38	2.96	2.66
Southern Region	4815.93	4149.64	50827.57	47591.87
Andaman Nicobar	3.15	2.12	27.68	11.55
Bihar *	14.19	27.21	171.85	172.34
Jharkhand	1.65	1.22	11.00	11.00
Orissa*	92.21	54.29	606.58	555.08
Sikkim *	5.41	6.92	38.71	44.04
West Bengal	151.71	105.71	965.32	1043.87
DVC*	1.96	0.112	5.610	0.31
Eastern Region	270.28	197.59	1826.75	1838.20
Arunachal Pradesh *	0.17	0.22	1.36	1.38
Assam	3.58	7.90	26.62	34.25
Manipur	0.97	0.50	4.89	1.73
Meghalaya	5.90	6.50	34.75	40.99
Mizoram *	5.06	5.05	30.16	36.55
Nagaland	6.73	8.43	51.72	58.42
Tripura	2.04	2.73	7.37	16.76
North Eastern Region	24.44	31.32	156.87	190.08
All India Total	10657.25	8594.11	100177.39	94369.02

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 October 2020

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

Name of State/UT	Wind Power Generation(MU) November'2020	Wind Power Generation(MU) November'2019	Wind Power Generation(MU) April'2020- November'2020	Wind Power Generation(MU) April'2019- November'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	262.89	431.08	4160.28	4504.99
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	262.89	431.08	4160.28	4521.89
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1074.57	812.02	8999.26	9244.69
Madhya Pradesh	210.74	123.08	2900.78	3256.24
Maharashtra	404.03	243.71	5202.68	6723.03
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	1689.34	1178.82	17102.71	19223.97
Andhra Pradesh	314.91	269.99	4998.38	6391.97
Telangana	21.26	14.61	157.14	162.88
Karnataka	670.76	474.58	7147.63	8045.21
Kerala	6.40	6.64	102.75	89.67
Tamil Nadu	339.65	348.11	12697.38	11962.95
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	1352.98	1113.93	25103.27	26652.68
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	3305.21	2723.82	46367.26	50453.20

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.



Solar Power Generation (State Wise) for the month of November,2020

Name of State/UT	Solar Power Generation(MU) November'2020	Solar Power Generation(MU) November'2019	Solar Power Generation(MU) April'2020-November'2020	Solar Power Generation(MU) April'2019-November'2019
Chandigarh	0.29	0.24	6.28	8.26
Delhi	17.32	8.73	138.66	102.59
Haryana	7.43	14.01	56.37	82.58
Himachal Pradesh	3.66	2.81	24.70	2.81
J & K	1.20	0.00	4.14	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	78.31	83.77	969.41	990.70
Rajasthan	762.65	563.77	6930.65	4685.19
Uttar Pradesh	134.61	108.90	1122.48	932.60
Uttarakhand	25.63	25.24	237.65	237.97
Northern Region	1031.11	807.47	9490.33	7042.70
Chhattisgarh	32.95	30.61	234.53	205.53
Gujarat	374.32	275.84	2799.19	2176.80
Madhya Pradesh	324.04	277.62	2751.91	2159.93
Maharashtra	214.00	190.48	1625.37	1517.47
Dadra and Nagar Haveli	0.38	0.51	3.62	3.90
Daman & Diu	2.55	1.78	16.73	13.36
Goa	0.14	0.14	0.92	0.26
Western Region	948.37	776.97	7432.28	6077.26
Andhra Pradesh	476.96	461.65	4280.27	3749.18
Telangana	511.79	512.27	4000.04	4041.22
Karnataka	1089.44	995.84	8710.57	6396.87
Kerala	27.87	12.81	169.25	87.77
Tamil Nadu	444.85	322.09	4032.71	3055.46
Lakshadweep	0.04	0.05	0.33	0.42
Puducherry	0.37	0.38	2.96	2.67
Southern Region	2551.32	2305.09	21196.13	17333.59
Andaman Nicobar	1.41	0.61	16.02	8.23
Bihar	12.53	14.95	114.43	108.67
Jharkhand	1.65	1.22	11.00	11.00
Orissa	38.27	24.80	281.78	233.67
Sikkim	0.00	0.00	0.00	0.00
West Bengal	5.48	4.64	42.70	41.91
DVC	0.005	0.005	0.018	0.04
Eastern Region	59.35	46.22	465.95	403.52
Arunachal Pradesh	0.12	0.17	1.00	0.92
Assam	0.58	0.66	3.60	3.92
Manipur	0.97	0.22	4.89	1.45
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.02	0.02	0.18	0.33
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.49	0.01	3.89	2.35
North Eastern Region	2.19	1.07	13.56	8.96
All India Total	4592.34	3936.82	38598.24	30866.03

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 November,2020

Name of State/UT	Biomass Power Generation(MU) November'2020	Biomass Power Generation(MU) November'2019	Biomass Power Generation(MU) April'2020- November'2020	Biomass Power Generation(MU) April'2019- November'2019
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	16.29	14.23	116.86	130.51
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	53.71	32.90	381.46	236.04
Rajasthan	36.18	34.21	276.60	247.09
Uttar Pradesh	16.30	0.95	67.89	52.88
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	122.48	82.28	842.82	666.51
Chhattisgarh	95.81	48.79	633.40	435.42
Gujarat	0.00	8.39	43.14	59.49
Madhya Pradesh	0.04	0.11	0.29	1.25
Maharashtra	28.34	33.84	220.25	263.99
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.16	0.00	6.02	0.00
Goa	0.00	0.00	0.00	0.00
Western Region	125.35	91.13	903.10	760.15
Andhra Pradesh	10.79	8.43	88.33	97.09
Telangana	12.34	7.42	108.04	79.91
Karnataka	20.08	10.01	138.84	104.95
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	10.82	7.08	96.03	75.63
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	54.03	32.94	431.24	357.58
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	1.66	1.31	12.74	11.01
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	0.00	24.10	39.50
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	1.66	1.31	36.84	50.51
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	303.51	207.66	2214.00	1834.75

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 November,2020

Name of State/UT	Bagasse Power Generation(MU) November'2020	Bagasse Power Generation(MU) November'2019	Bagasse Power Generation(MU) April'2020- November'2020	Bagasse Power Generation(MU) April'2019- November'2019
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	5.48	0.00	55.96	16.06
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	11.54	2.16	46.44	96.42
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	374.98	349.25	1359.16	1272.96
Uttarakhand	0.00	8.76	29.23	22.64
Northern Region	391.99	360.17	1490.78	1408.08
Chhattisgarh	0.00	0.00	5.08	0.00
Gujarat	4.57	0.87	7.68	4.07
Madhya Pradesh	6.01	1.27	6.01	11.96
Maharashtra	562.74	92.22	991.33	622.41
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	573.32	94.36	1010.10	638.44
Andhra Pradesh	6.87	4.63	24.61	25.38
Telangana	1.11	2.19	1.22	17.23
Karnataka	454.57	275.66	972.56	669.82
Kerala	4.09	1.65	30.52	9.68
Tamil Nadu	5.87	23.60	293.42	266.88
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	472.52	307.73	1322.33	988.98
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	10.82	1.48	41.91
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	89.61	148.73	899.64
DVC	0.00	0.00	0.00	0.00
Eastern Region	0.00	100.44	150.21	941.55
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	1437.83	862.70	3973.42	3977.05

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 November,2020

Name of State/UT	Small Hydro Power Generation(MU) November'2020	Small Hydro Power Generation(MU) November'2019	Small Hydro Power Generation(MU) April'2020- November'2020	Small Hydro Power Generation(MU) April'2019- November'2019
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	20.96	24.15	227.12	229.62
Himachal Pradesh	90.87	128.28	1899.46	1737.93
J & K	17.20	20.39	351.01	358.39
Ladakh	0.00	0.00	0.00	0.00
Punjab	52.76	35.31	538.40	485.21
Rajasthan	2.21	0.65	3.58	1.41
Uttar Pradesh	9.62	1.41	91.92	19.50
Uttarakhand	84.22	52.18	650.62	567.03
Northern Region	277.83	262.36	3762.11	3399.08
Chhattisgarh	9.61	9.89	115.46	74.01
Gujarat	19.85	17.26	131.52	118.80
Madhya Pradesh	30.47	24.90	192.56	152.89
Maharashtra	43.68	53.13	533.86	428.43
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	103.61	105.19	973.41	774.14
Andhra Pradesh	41.52	43.40	188.64	159.42
Telangana	9.42	8.33	40.24	34.14
Karnataka	240.58	245.32	1816.73	1514.64
Kerala	54.46	58.81	505.81	396.93
Tamil Nadu	30.95	32.25	148.19	143.89
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	376.94	388.12	2699.61	2249.01
Andaman Nicobar	1.74	1.51	11.66	3.33
Bihar	0.00	0.13	43.20	10.75
Jharkhand	0.00	0.00	0.00	0.00
Orissa	53.94	29.49	300.70	227.25
Sikkim	5.41	6.92	38.71	44.04
West Bengal	13.00	11.46	92.96	102.32
DVC	1.95	0.11	5.59	0.27
Eastern Region	76.05	49.62	492.82	387.97
Arunachal Pradesh	0.05	0.05	0.36	0.46
Assam	3.00	7.25	23.01	30.34
Manipur	0.00	0.29	0.00	0.29
Meghalaya	5.90	6.50	34.75	40.99
Mizoram	5.04	5.03	29.98	36.22
Nagaland	6.73	8.43	50.72	58.42
Tripura	1.54	2.72	3.48	14.40
North Eastern Region	22.25	30.25	142.31	181.11
All India Total	856.67	835.54	8070.27	6991.30

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 November,2020

Name of State/UT	Others Power Generation(MU) November'2020	Others Power Generation(MU) November'2019	Others Power Generation(MU) April'2020- November'2020	Others Power Generation(MU) April'2019- November'2019
Chandigarh	0.00	0.00	0.00	0.00
Delhi	16.76	25.67	164.51	204.05
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	0.02	0.03	0.19
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	16.78	25.69	164.54	204.24
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	10.61	16.07
Madhya Pradesh	3.55	0.00	23.08	15.72
Maharashtra	0.00	0.04	0.05	0.63
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	0.04	33.74	32.42
Andhra Pradesh	6.62	0.86	29.95	4.62
Telangana	1.52	0.98	45.04	5.41
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	8.14	1.84	74.99	10.03
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	133.22	0.00	680.93	0.00
DVC	0.00	0.00	0.00	0.00
Eastern Region	133.22	0.00	680.93	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	161.70	27.57	954.20	246.69

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.



Monthly RE generation from Inter state Generating Station (ISGS) for November , 2020							
Station	State/ Region	Sector (Central/State/ Private)	Owner	Type	Installed Capacity(MW)	Actual Generation (MU)	Monthly CUF
AURAIYA SOLAR	Uttar Pradesh	Central	NTPC	Solar	8	0.45	8%
DADRI SOLAR*	Uttar Pradesh	Central	NTPC	Solar	5	0.48	13%
SINGRAULI SOLAR*	Uttar Pradesh	Central	NTPC	Solar	15	1.73	16%
UNCHAHAHAR SOLAR*	Uttar Pradesh	Central	NTPC	Solar	10	1.08	15%
ADANI GREEN ENERGY NINETEEN LTD	Rajasthan	Private	IPP	Solar	50	0.31	1%
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	9.06	25%
MAHOBHA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	37.64	26%
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	41.06	23%
AZURE POWER INDIA PVT	Rajasthan	Private	IPP	Solar	200	31.95	22%
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	24.60	26%
CLEAN SOLAR POWER (BHADLA) PVT LTD	Rajasthan	Private	IPP	Solar	300	55.49	26%
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	9.29	26%
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	42.88	24%
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	36.77	26%
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	28.18	26%
Northern Region **					1868	320.97	24%
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	34.53	19%
ARINSUN SOLAR (BARSITADESH)	Madhya Pradesh	Private	IPP	Solar	250	38.39	21%
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	38.20	21%
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	40.93	23%
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	29.17	14%
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	46.08	26%
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	36.22	17%
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	176.6	23.54	19%
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	18.67	10%
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	50.23	28%
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	21.87	49%
Western Region **					2526.6	377.83	21%
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	37.17	21%
ORANGE	Tamil Nadu	Private	IPP	Wind	200	27.76	19%
MYTRA	Tamil Nadu	Private	IPP	Wind	187	21.56	16%
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	126.2	21.49	24%
Southern Region **					763.2	107.98	
Total					5157.8	806.78	

*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 November,2020

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) November'2020	RE Generation(MU) November'2019	RE Generation(MU) April'2020- November'2020	RE Generation(MU) April'2019- November'2019
NTPC							
NTPC Faridabad _Solar	Haryana	5	Solar	0.45	0.40	4.68	4.50
NTPC Bhadla	Rajasthan	260	Solar	30.52	29.56	298.06	290.60
NTPC Dadri _Solar *	Uttar Pradesh	5	Solar	0.48	0.42	4.64	4.35
NTPC Unchahar _Solar *	Uttar Pradesh	10	Solar	1.08	1.09	10.48	9.75
NTPC Singrauli _Solar *	Uttar Pradesh	15	Solar	1.73	1.66	14.07	13.55
NTPC Auraiya	Uttar Pradesh	15	Solar	0.45	0.00	0.45	0.00
NTPC Singrauli _SH	Uttar Pradesh	8	Small Hydro	0.00	0.00	13.70	7.60
NTPC Rojmal	Gujarat	50	Wind	7.41	3.63	55.41	77.08
NTPC Rajgarh _Solar	Madhya Pradesh	50	Solar	6.14	5.82	51.74	48.57
NTPC Mandsaur	Madhya Pradesh	250	Solar	33.23	29.04	262.43	241.69
NTPC Anantapuram	Andhra Pradesh	250	Solar	25.36	31.45	243.40	257.27
NTPC Ramagundam	Telangana	10	Solar	1.24	1.28	8.99	9.86
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.40	0.26	3.11	3.06
NTPC Talchar _Solar	Orissa	10	Solar	1.14	1.15	8.97	8.97
Total NTPC		943		109.63	105.74	980.14	976.85
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	6.00	5.76	52.99	75.82
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	12.92	10.99	92.31	118.17
THDCIL's premises at Rishikesh	Uttarakhand	0.5	Solar	0.03	0.00	--	0.03
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	9.09	0.00	44.03	0.00
Total THDC		137.5		28.04	16.75	189.33	194.02
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	2.42	4.62	45.28	25.86
NHPC Solar Power Project	Tamilnadu	50	Solar	6.43	7.60	60.93	36.50
Total NHPC		100		8.85	12.22	106.20	62.36
ONGC*							
ONGC Wind, Bhuj	Gujarat	51	Wind	4.08	5.42	48.87	7.49
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	3.79	8.27	91.10	12.20
ONGC Solar, Goa	Goa	1	Solar	0.14	0.14	0.92	0.27
ONGC Solar, Hazira	Gujarat	10	Solar	1.22	1.16	9.71	2.43
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.54	0.59	5.25	1.11
ONGC Solar,Rajahmundry	Andhra Pradesh	1	Solar	0.87	0.11	1.54	0.21
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.11	0.00	0.42	0.00
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5	Solar	0.42	0.00	1.18	0.00
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.232	Solar	0.39	0.40	3.16	0.79
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	1.34	0.16	2.35	0.32
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.236	Solar	0.11	0.10	0.98	0.22
ONGC Solar, Agartala asset	Tripura	0.247	Solar	0.03	0.01	0.18	0.03
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.285	Solar	0.002	0.01	0.02	0.01
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.015	Solar	0.0060	0.00	0.05	0.00
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00	0.00
Total ONGC		184		13.04	16.37	152.69	25.09
SJVN Limited							
Khivire Wind Power	Maharashtra	47.6	Wind	1.93	0.96	54.94	48.60
Sadla Wind Power	Gujarat	50	Solar	6.26	4.01	59.94	59.05
Charanka Solar Power	Gujarat	5.6	Solar	0.64	0.57	4.25	3.64
Total SJVN		103.2		8.82	5.54	119.13	111.30
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.93	1.85	16.85	14.54
Oil India Ltd	Rajasthan	67.6	Wind	2.68	5.74	49.00	50.05
Oil India Ltd	Gujarat	43.3	Wind	8.89	4.52	56.16	70.09
Oil India Ltd	Madhya Pradesh	63.2	Wind	6.61	4.43	85.84	90.05
Total Oil India Ltd		188.1		20.11	16.55	207.86	224.72
NEEPCO							
NEEPCO	Tripura	5	Solar	0.47	4.81	3.08	8.88
All India Total		1660.80		188.96	177.98	1758.43	1603.22

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.