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विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority



Monthly Renewable Energy Generation Report
मासिक नवीकरणीय ऊर्जा उत्पादन
May , 2020

नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग
Renewable Energy Project Monitoring Division

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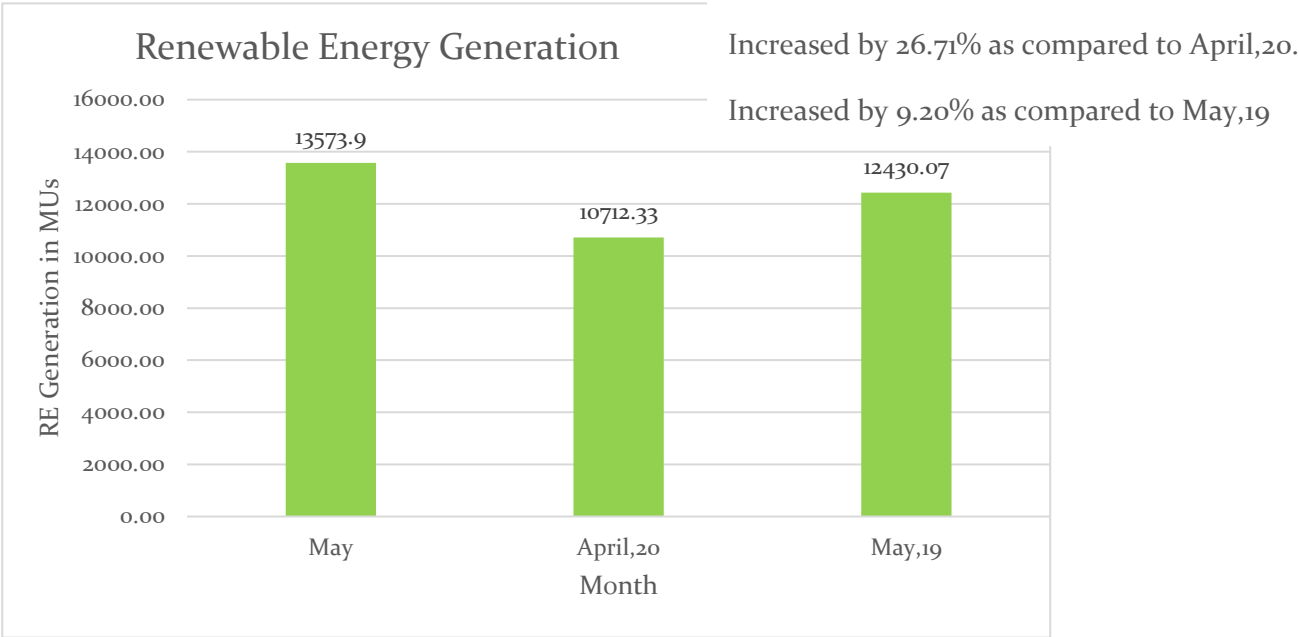


Figure 1 Renewable Energy Generation

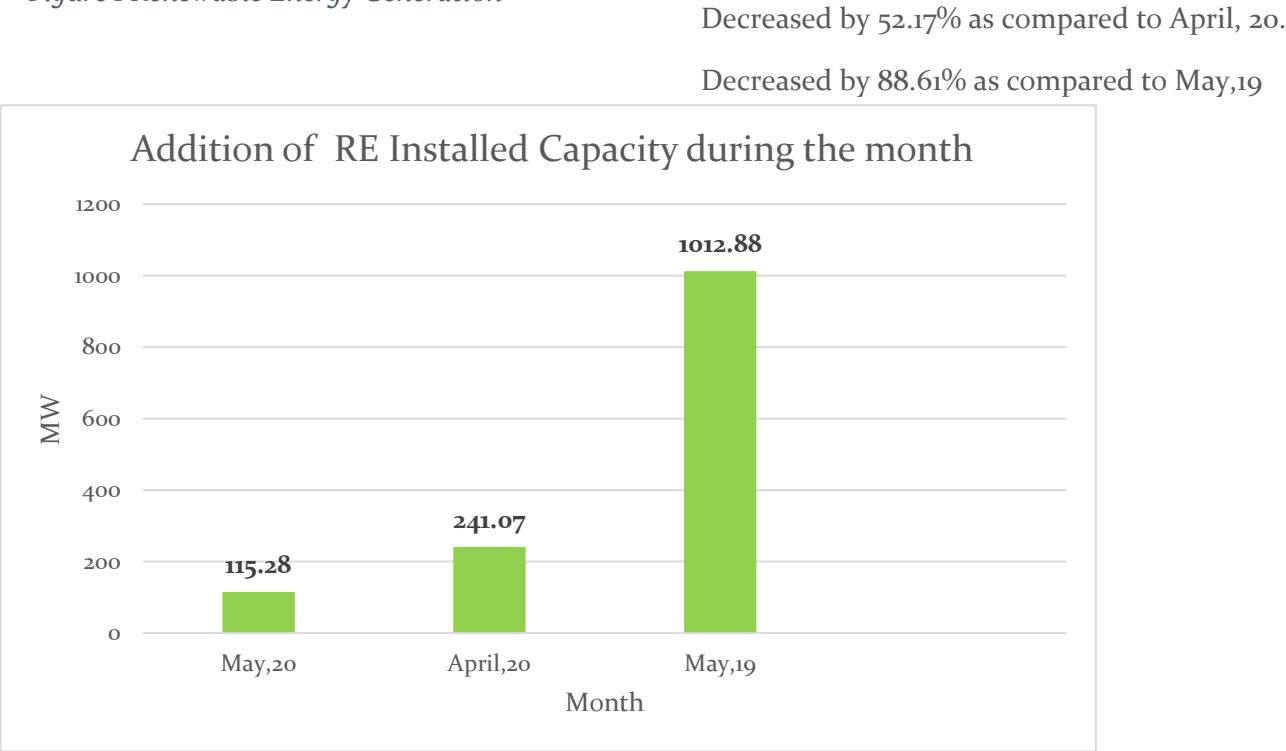


Figure 2 RE capacity added during the Month

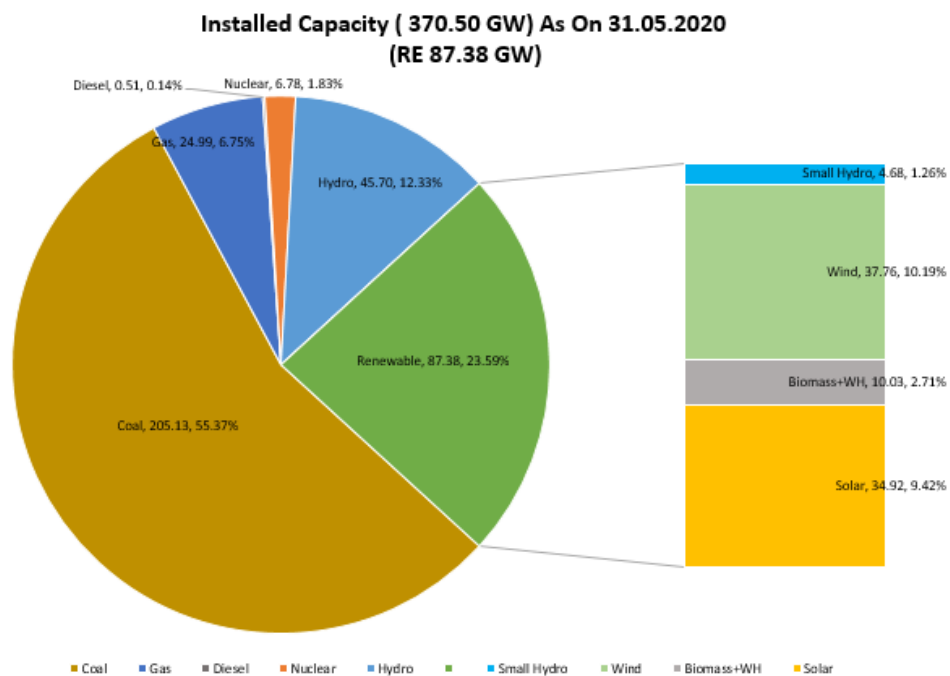


Figure 3 Installed Capacity in India as on 31.05.2020

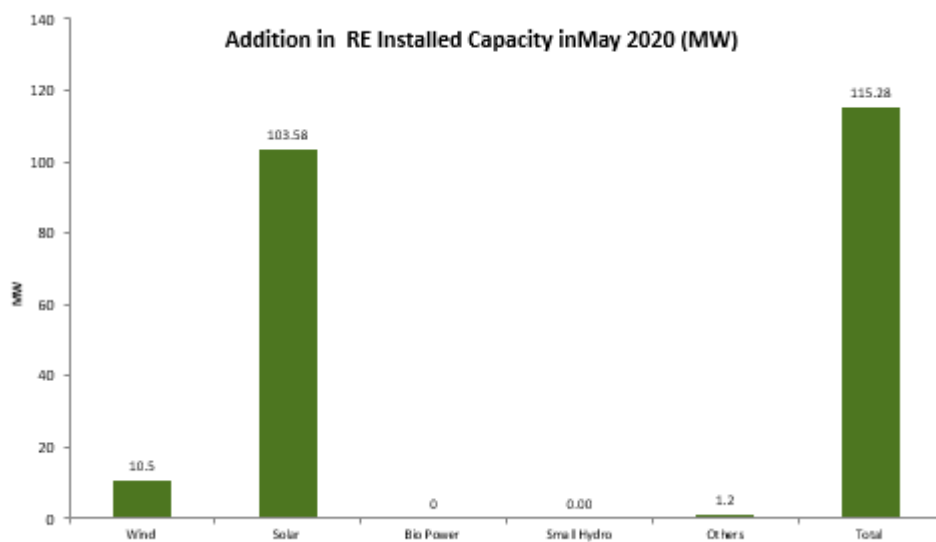


Figure 4: Addition in RE Installed Capacity in May 20.

HIGHLIGHTS OF RE GENERATION DURING MAY, 2020

1. RE generation, grow by 9.2% in May 2020 as compare to May 2019.
2. Wind Power generation during the month of May, 2020 increased in Rajasthan as well as in Gujarat and decreased in Maharashtra, Tamil Nadu, Andhra Pradesh and Karnataka as compared to May, 2019.
3. Daily wind generation decreases by 6.54 % as compared to May 2019 and increased by 73.77 % as compared to April, 2020.
4. Solar Power generation during the month of May 2020 increased in Rajasthan, Gujarat, Karnataka, Andhra Pradesh, Madhya Pradesh, Tamil Nadu and Telangana as compared to May 2019.
5. Daily solar generation increased by 29.11% as compared to May 2019 and increased by 1.35 % as compared to April 2020.
6. Generation from Bagasse is not at the past year levels and lower in May 2020 in Punjab, Maharashtra and West Bengal as compared to May 2019.

ALL INDIA SUMMARY OF RENEWABLE GENERATION

Table 1 All India Summary of Renewable Energy Generation

Source	Installed Capacity as on 31.5.2020(MW)	RE Generation(MU) May'2020	RE Generation(MU) May'2020	% of Last Year (2/3)	RE Generation (MU) April'2020-May'2020	RE Generation (MU) April'2019-May'2019	% Of Last Year (5/6)
	1	2	3	4	5	6	7
Wind	37756.35	6237.89	6603.94	94.46	9711.75	10311.22	94.19
Solar	34915.36	5606.88	4342.59	129.11	10960.33	8523.82	128.58
Biomass	9880.31	311.98	229.03	136.22	581.95	464.04	125.41
Bagasse		611.55	632.78	96.65	1499.72	1834.07	81.77
Small Hydro	4683.16	769.13	592.36	129.84	1462.73	1110.49	131.72
Others	148.84	36.47	29.37	124.18	69.74	68.14	102.34
Total	87384.02	13573.90	12430.07	109.20	24286.23	22311.77	108.85

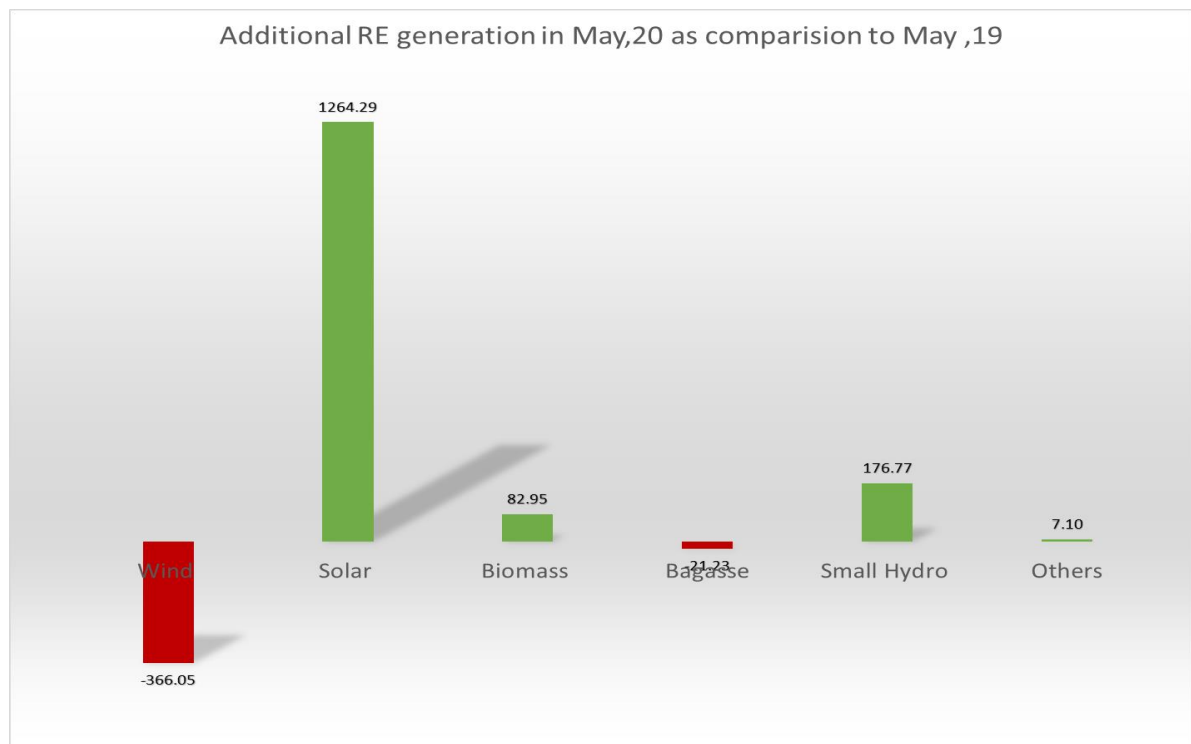


Figure 5 Additional RE Generation in May 20

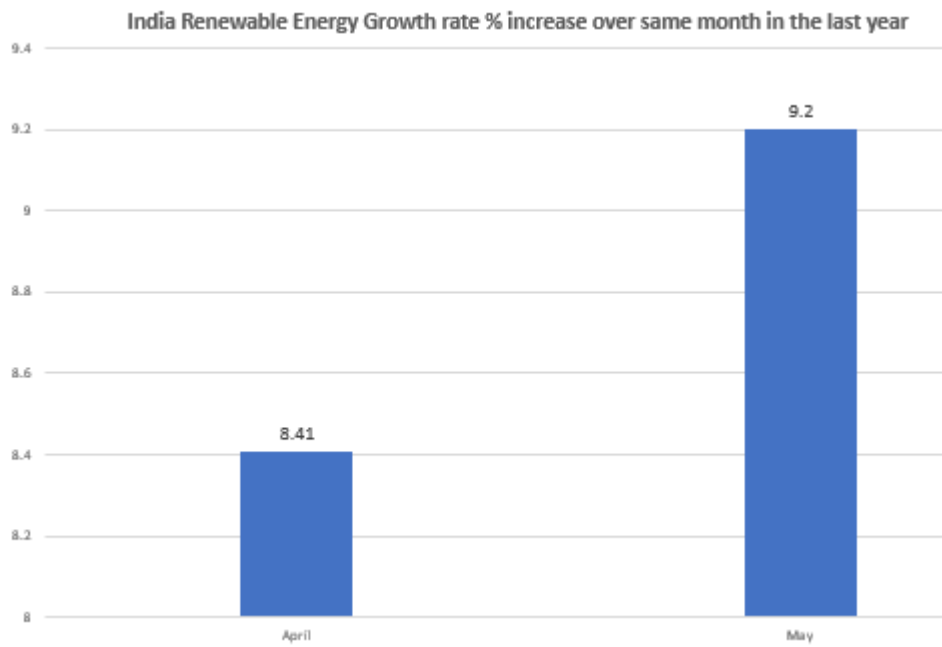


Figure 6 Month Wise Growth of RE Generation

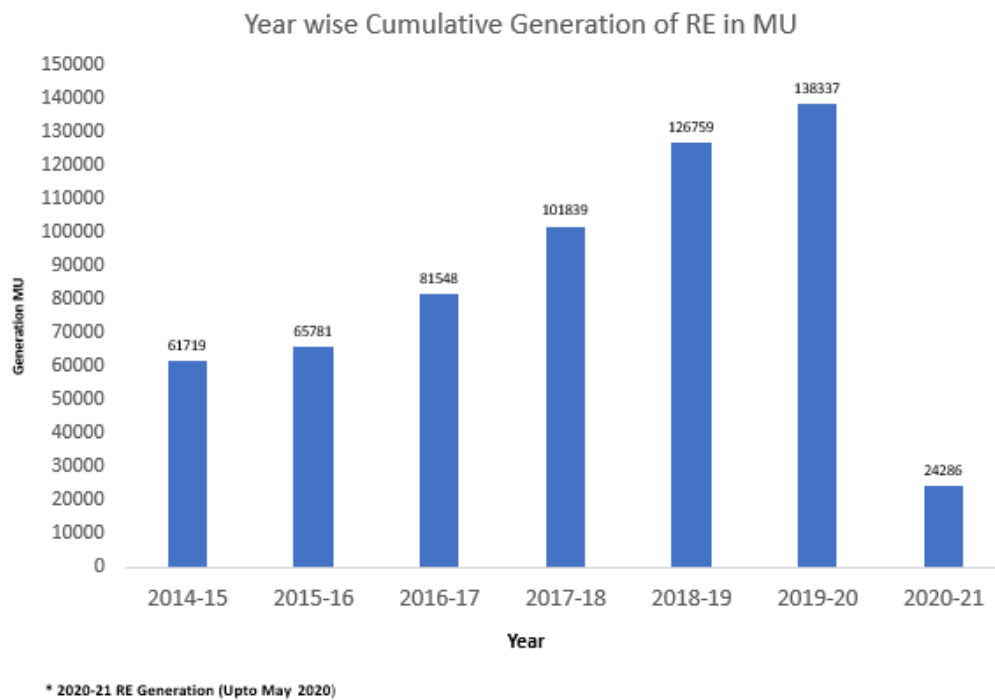


Figure 7 Year Wise RE Generation

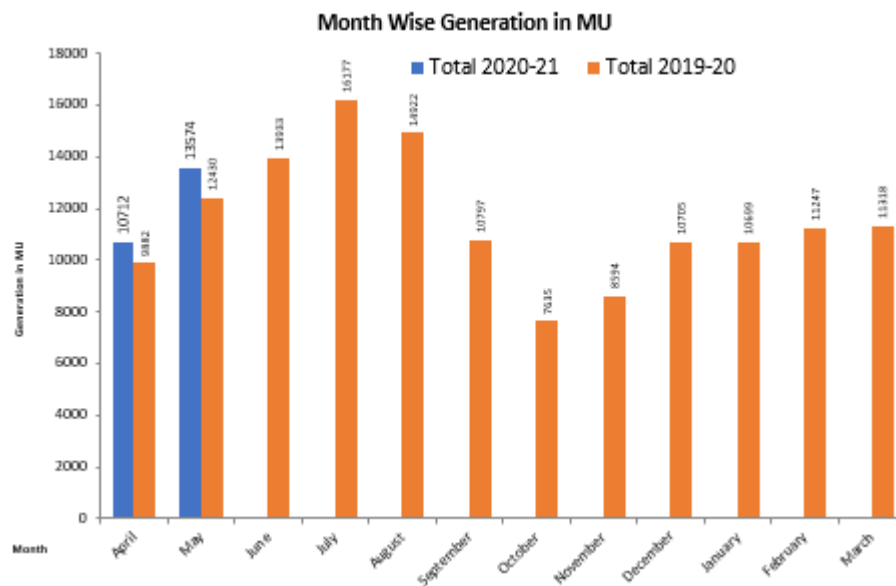


Figure 8 Month Wise RE Generation

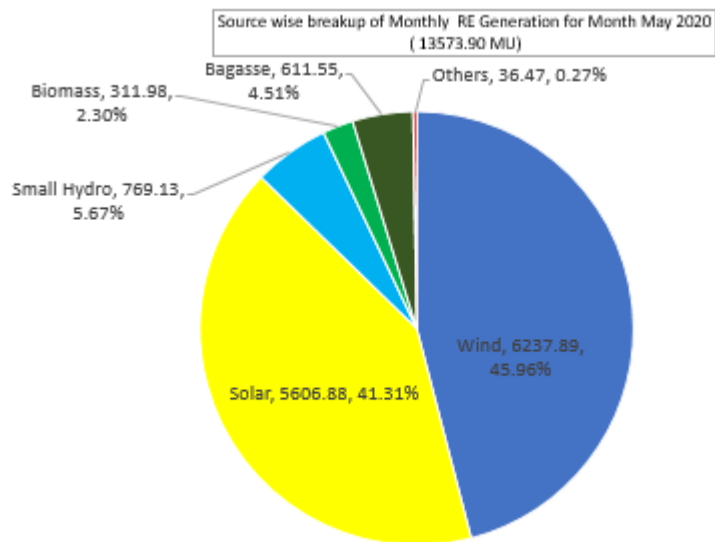


Figure 9 Source wise breakup of Monthly and Cumulative RE Generation

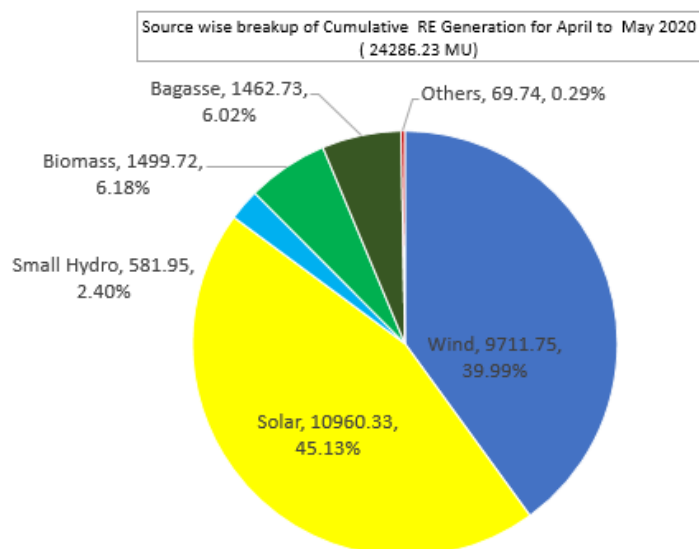


Figure 10 Source wise breakup of Cumulative RE Generation

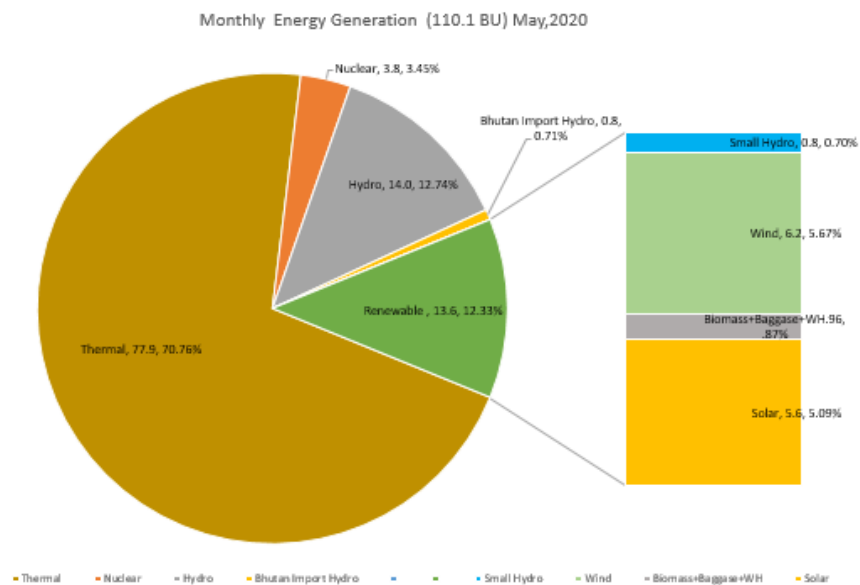


Figure 11 Monthly Energy Generation in India and RE Share

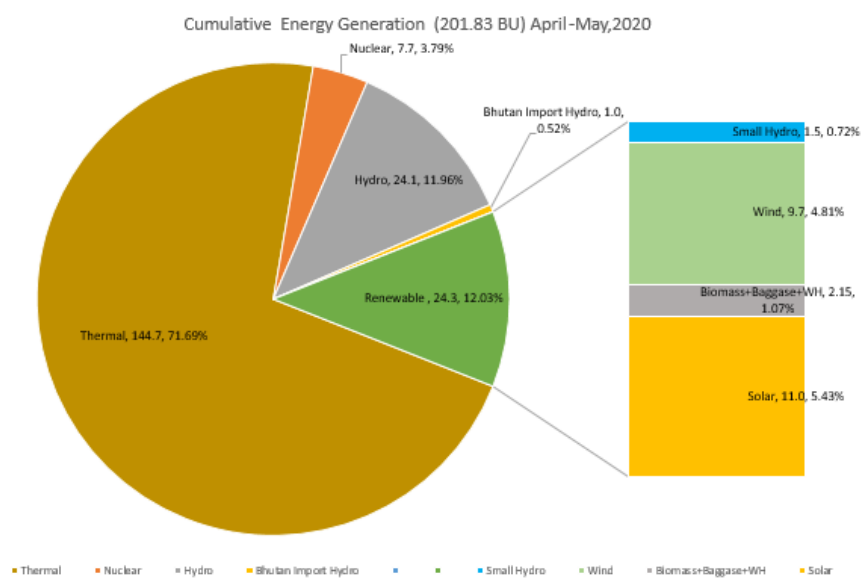


Figure 12 Cumulative Energy Generation in India and RE Share

Table 2 State Wise Renewable Energy Generation

Renewable Energy Generation (State Wise) for the month of May ,2020				
State	May,20	May,2019	April 20 - May, 20	April, 19- May, 19
Chandigarh	0.21	0.34	2.88	2.66
Delhi #	39.81	41.03	76.28	81.35
Haryana	57.77	51.98	135.14	114.08
HP	275.63	229.20	515.98	393.82
J & K	59.10	44.60	110.41	84.77
Ladakh	0.00	0.00	0.00	0.00
Punjab	261.90	285.30	484.99	514.88
Rajasthan	1679.19	1242.77	3081.16	2219.27
Uttar Pradesh	468.29	422.33	1177.77	1090.40
Uttarakhand	124.06	97.25	247.63	214.90
Northern Region	2965.95	2414.80	5832.24	4716.12
Chhattisgarh	137.82	41.73	271.42	128.62
Gujarat	2252.12	1704.63	3777.24	3074.38
Madhya Pradesh	1032.93	960.28	1786.98	1722.65
Maharashtra	1158.96	1221.49	2116.83	2362.25
Dadra and Nagar Haveli	0.68	0.66	1.32	1.36
Daman & Diu	2.24	2.12	4.81	4.24
Goa	0.15	0.00	0.30	0.00
Western Region	4584.89	3930.91	7958.90	7293.49
Andhra Pradesh	1258.61	1279.76	2264.70	2263.35
Telangana	665.91	644.78	1292.15	1274.21
Karnataka	2129.59	1794.00	3885.57	3242.66
Kerala	75.62	45.17	131.52	93.91
Tamil Nadu	1702.31	2068.57	2541.68	2912.77
Lakshadweep	0.05	0.07	0.11	0.14
Puducherry *	0.37	0.26	0.74	0.53
Southern Region	5832.46	5832.61	10116.47	9787.58
Andaman Nicobar	1.03	1.78	2.18	4.35
Bihar *	16.96	5.96	33.93	52.52
Jharkhand	1.41	1.58	2.85	3.43
Orissa	70.73	87.55	134.89	159.79
Sikkim	3.72	3.90	5.86	6.22
West Bengal	84.44	134.04	171.22	257.34
DVC	0.00	0.01	0.00	0.01
Eastern Region	178.29	234.82	350.94	483.66
Arunachal Pradesh	0.19	0.22	0.41	0.38
Assam	0.16	2.90	3.11	4.92
Manipur	0.43	0.19	0.86	0.35
Meghalaya	3.03	3.44	6.06	7.89
Mizoram	1.20	3.88	3.52	7.59
Nagaland	4.89	3.22	8.91	3.40
Tripura *	2.41	3.08	4.82	6.38
North Eastern Region	12.31	16.93	27.69	30.91
All India Total	13573.90	12430.07	24286.23	22311.77

Table 3 State Wise wind Power Generation

Wind Energy Generation (State Wise) for the month of May ,2020				
State	May,2020	May,2019	April 20 - May, 20	April, 19-May, 19
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
HP	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	2.54	0.00	2.54
Rajasthan	682.14	600.04	1149.47	1014.24
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	682.14	602.58	1149.47	1016.78
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1794.98	1369.72	2882.44	2401.29
Madhya Pradesh	605.51	607.59	953.14	1021.72
Maharashtra	695.29	772.06	1114.24	1285.19
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	2749.37	4949.82	4708.20
Andhra Pradesh	552.05	681.94	935.81	1083.36
Telangana	14.81	11.92	28.73	18.15
Karnataka	752.54	887.03	1197.64	1401.67
Kerala	11.98	13.80	16.14	18.63
Tamil Nadu	1128.60	1638.33	1434.15	2028.94
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	2459.97	3233.02	3612.47	4550.76
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	18.97	0.00	35.49
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	18.97	0.00	35.49
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	6237.89	6603.94	9711.75	10311.23

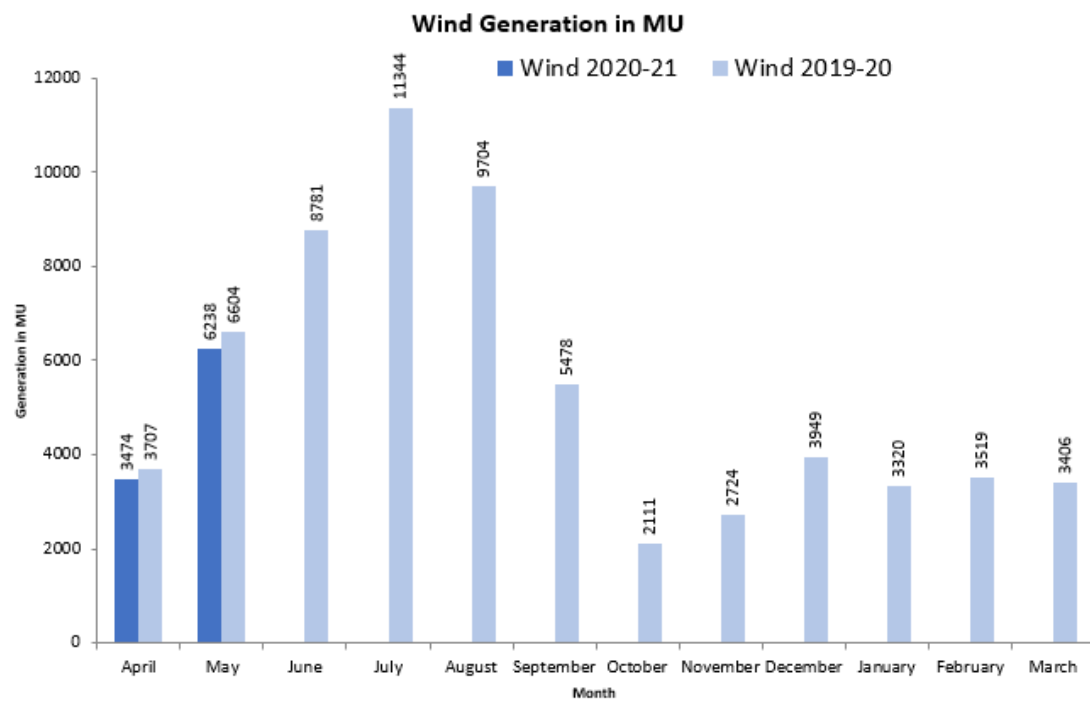


Figure 13 Month Wise Wind Power Generation

Table 4 State Wise Solar Power Generation

Solar Energy Generation (State Wise) for the month of May ,2020				
State	May,2020	May,2019	April 20 -May, 20	April,19-May, 19
Chandigarh	0.21	0.34	2.88	2.66
Delhi	14.60	16.22	29.20	29.56
Haryana	5.77	7.64	12.22	14.82
HP	3.12	0.00	6.45	0.00
J & K	0.00	0.00	0.00	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	135.24	152.20	273.22	293.93
Rajasthan	962.36	609.27	1861.79	1137.16
Uttar Pradesh	169.45	145.87	324.14	269.76
Uttarakhand	34.73	26.51	71.36	62.63
Northern Region	1325.47	958.05	2581.25	1810.52
Chhattisgarh	35.18	11.63	68.33	46.44
Gujarat	439.50	323.61	845.27	632.46
Madhya Pradesh	412.80	339.39	804.03	663.39
Maharashtra	252.85	249.08	499.40	482.36
Dadra and Nagar Haveli	0.68	0.66	1.32	1.36
Daman & Diu	2.24	2.12	4.81	4.24
Goa	0.15	0.00	0.30	0.00
Western Region	1143.40	926.49	2223.45	1830.25
Andhra Pradesh	670.65	579.58	1272.18	1127.20
Telangana	627.79	621.89	1218.36	1229.43
Karnataka	1237.04	822.23	2463.42	1613.77
Kerala	14.17	11.00	28.99	22.74
Tamil Nadu	520.17	367.71	1036.46	767.82
Lakshadweep	0.05	0.07	0.11	0.14
Puducherry	0.37	0.26	0.74	0.53
Southern Region	3070.24	2402.74	6020.26	4761.64
Andaman Nicobar	0.93	1.65	1.79	3.59
Bihar	16.26	2.73	32.52	20.58
Jharkhand	1.41	1.58	2.85	3.43
Orissa	41.59	41.80	82.12	78.41
Sikkim	0.00	0.00	0.00	0.00
West Bengal	6.35	6.17	13.19	12.61
DVC	0.00	0.01	0.00	0.01
Eastern Region	66.53	53.94	132.47	118.63
Arunachal Pradesh	0.15	0.09	0.32	0.20
Assam	0.16	0.38	0.72	0.86
Manipur	0.43	0.19	0.86	0.35
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.03	0.04	0.06	0.08
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.47	0.67	0.94	1.28
North Eastern Region	1.24	1.37	2.90	2.78
All India Total	5606.88	4342.58	10960.33	8523.81

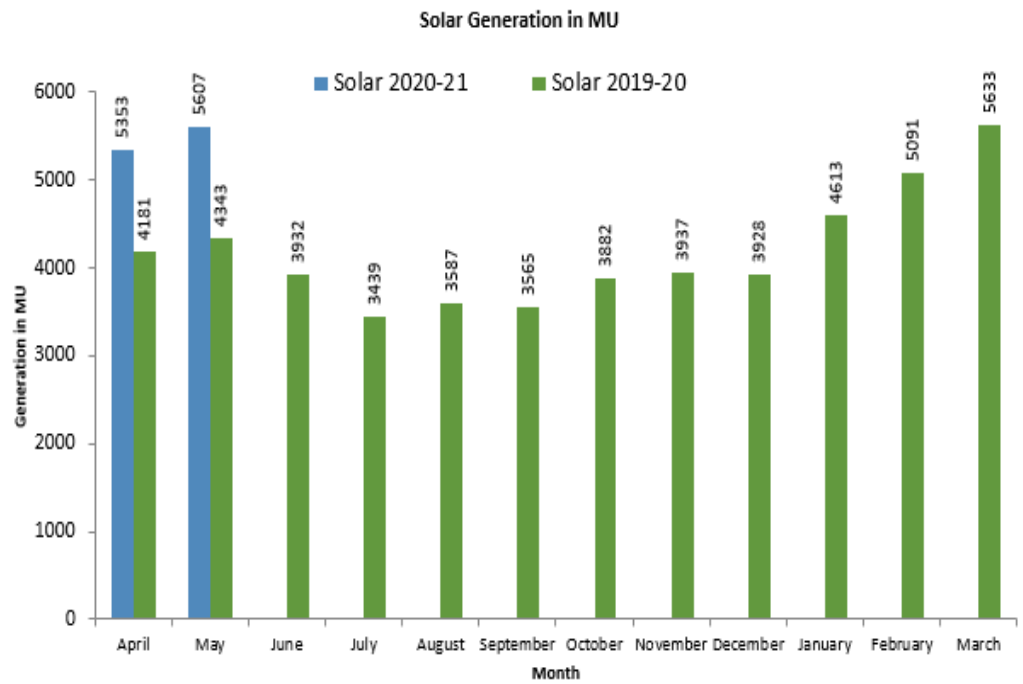


Figure 14 Month wise Solar Power Generation

Table 5 State Wise Biomass Power Generation

Biomass Energy Generation (State Wise) for the month of May ,2020				
State	May,20	May,19	April 20 - May, 20	April, 19- May, 19
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	14.83	17.15	28.69	31.81
HP	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	32.94	90.74	59.26
Rajasthan	34.54	33.46	69.69	67.85
Uttar Pradesh	20.35	11.22	45.72	21.88
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	125.13	94.77	234.85	180.80
Chhattisgarh	96.20	28.56	184.55	76.50
Gujarat	8.55	8.64	18.71	19.13
Madhya Pradesh	0.00	0.20	0.00	0.43
Maharashtra	22.93	37.26	42.89	71.54
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	127.69	74.66	246.16	167.60
Andhra Pradesh	10.49	13.21	20.30	28.03
Telangana	14.35	9.92	29.65	20.11
Karnataka	15.57	17.04	25.61	31.13
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	9.99	10.35	12.72	19.01
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	50.40	50.52	88.28	98.28
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.71	1.09	1.41	3.08
Jharkhand	0.00	0.00	0.00	0.00
Orissa	8.06	7.99	11.25	14.28
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	8.76	9.08	12.66	17.36
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	311.98	229.03	581.95	464.04

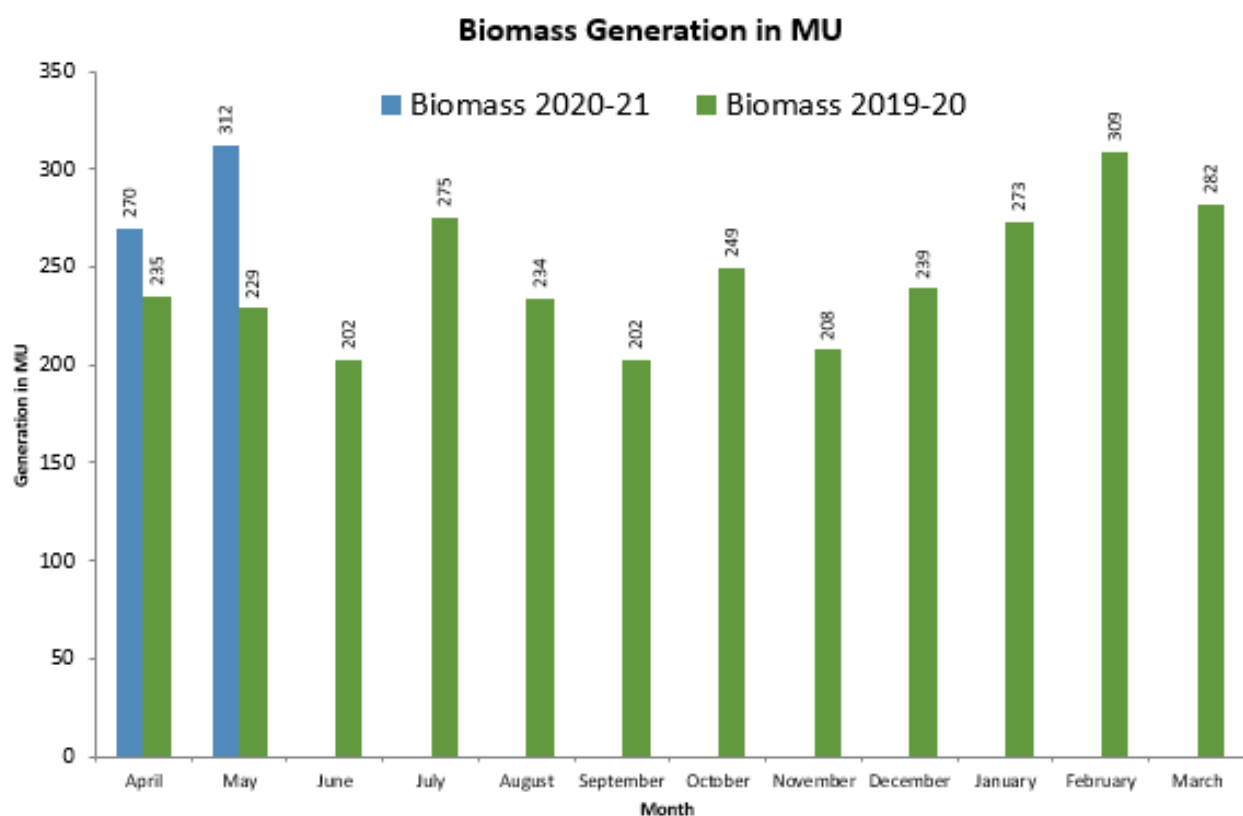


Figure 15 Month Wise Biomass Power Generation

Table 6 State Wise bagasse Power Generation

Bagasse Energy Generation (State Wise) for the month of May ,2020				
State	May,2020	May,2019	April 20 - May, 20	April,19- May, 19
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	7.59	0.00	33.31	16.06
HP	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	31.34	14.24	62.95
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	267.40	259.75	794.44	790.12
Uttarakhand	9.67	0.00	29.23	13.88
Northern Region	294.49	291.09	871.21	883.00
Chhattisgarh	1.67	0.00	4.91	0.00
Gujarat	0.18	0.00	2.39	3.19
Madhya Pradesh	0.00	0.00	0.00	10.68
Maharashtra	118.15	129.99	305.37	439.55
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	120.00	129.99	312.66	453.42
Andhra Pradesh	2.96	2.59	6.14	12.52
Telangana	0.00	0.00	0.00	4.12
Karnataka	78.28	32.63	109.77	124.58
Kerala	4.18	0.00	5.81	0.00
Tamil Nadu	38.31	50.69	45.39	90.84
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	123.73	85.91	167.12	232.06
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	2.15	0.00	28.86
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	123.64	148.73	236.72
DVC	0.00	0.00	0.00	0.00
Eastern Region	73.33	125.79	148.73	265.58
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	632.78	1499.72	1834.07

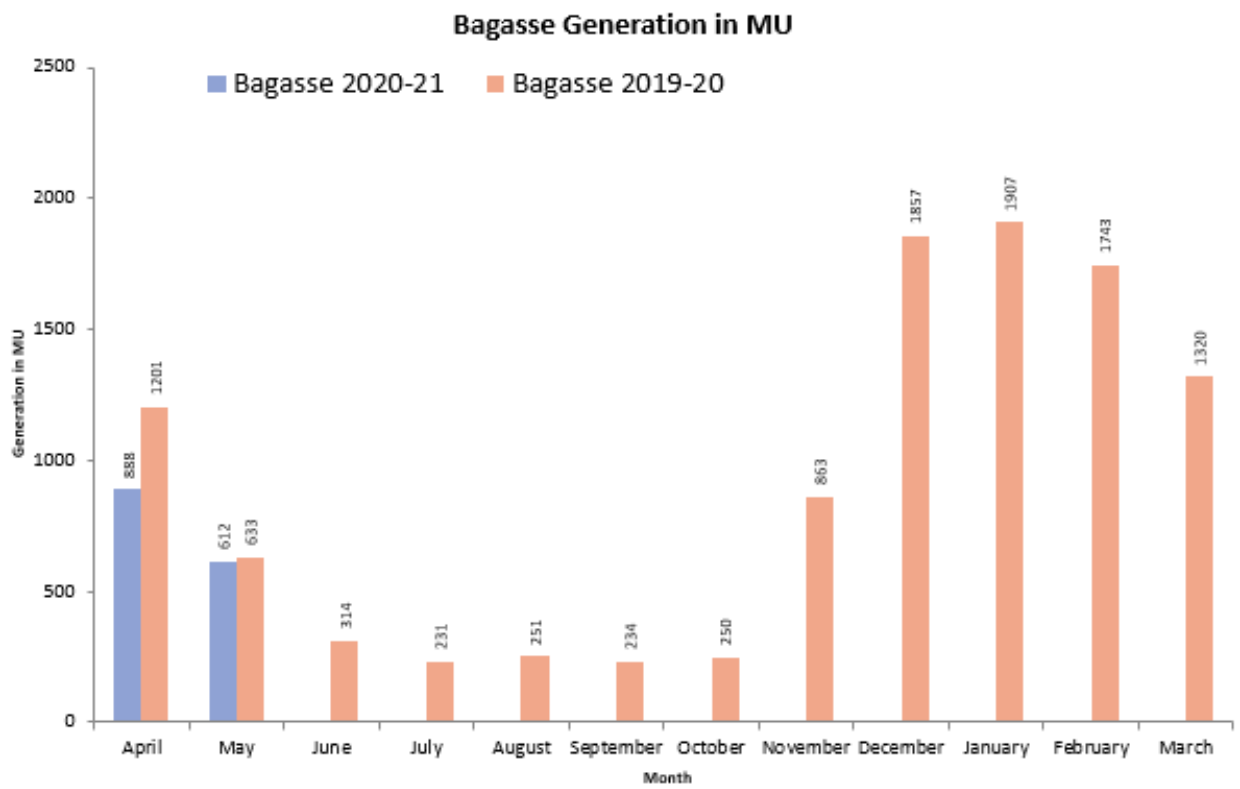


Figure 16 Month wise bagasse Power Generation

Table 7 State Wise Small Hydro Generation

Small Hydro Energy Generation (State Wise) for the month of May ,2020				
State	May,20	May,19	April 20 - May, 20	April,19- May, 19
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	29.59	27.19	60.92	51.39
HP	272.51	229.20	509.53	393.82
J & K	59.10	44.60	110.41	84.77
Ladakh	0.00	0.00	0.00	0.00
Punjab	61.41	66.28	106.78	96.20
Rajasthan	0.15	0.01	0.21	0.01
Uttar Pradesh	11.10	5.49	13.47	8.64
Uttarakhand	79.66	70.74	147.04	138.39
Northern Region	513.52	443.50	948.36	773.21
Chhattisgarh	4.76	1.54	13.63	5.68
Gujarat	8.90	2.66	25.14	10.55
Madhya Pradesh	11.39	10.32	24.14	21.21
Maharashtra	69.74	32.97	154.91	83.36
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	47.49	217.82	120.79
Andhra Pradesh	22.02	1.83	29.82	11.04
Telangana	1.37	0.00	2.20	0.49
Karnataka	46.16	35.07	89.13	71.53
Kerala	45.30	20.37	80.57	52.53
Tamil Nadu	5.24	1.49	12.96	6.16
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	120.09	58.76	214.69	141.75
Andaman Nicobar	0.10	0.13	0.39	0.76
Bihar	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	0.00	0.00
Orissa	21.08	18.78	41.52	31.61
Sikkim	3.72	3.90	5.86	6.22
West Bengal	4.77	4.23	9.30	8.01
DVC	0.00	0.00	0.00	0.00
Eastern Region	29.66	27.04	57.07	46.61
Arunachal Pradesh	0.04	0.13	0.09	0.18
Assam	0.00	2.52	2.39	4.06
Manipur	0.00	0.00	0.00	0.00
Meghalaya	3.03	3.44	6.06	7.89
Mizoram	1.17	3.84	3.46	7.51
Nagaland	4.89	3.22	8.91	3.40
Tripura	1.94	2.41	3.88	5.10
North Eastern Region	11.07	15.57	24.79	28.13
All India Total	769.13	592.37	1462.73	1110.49

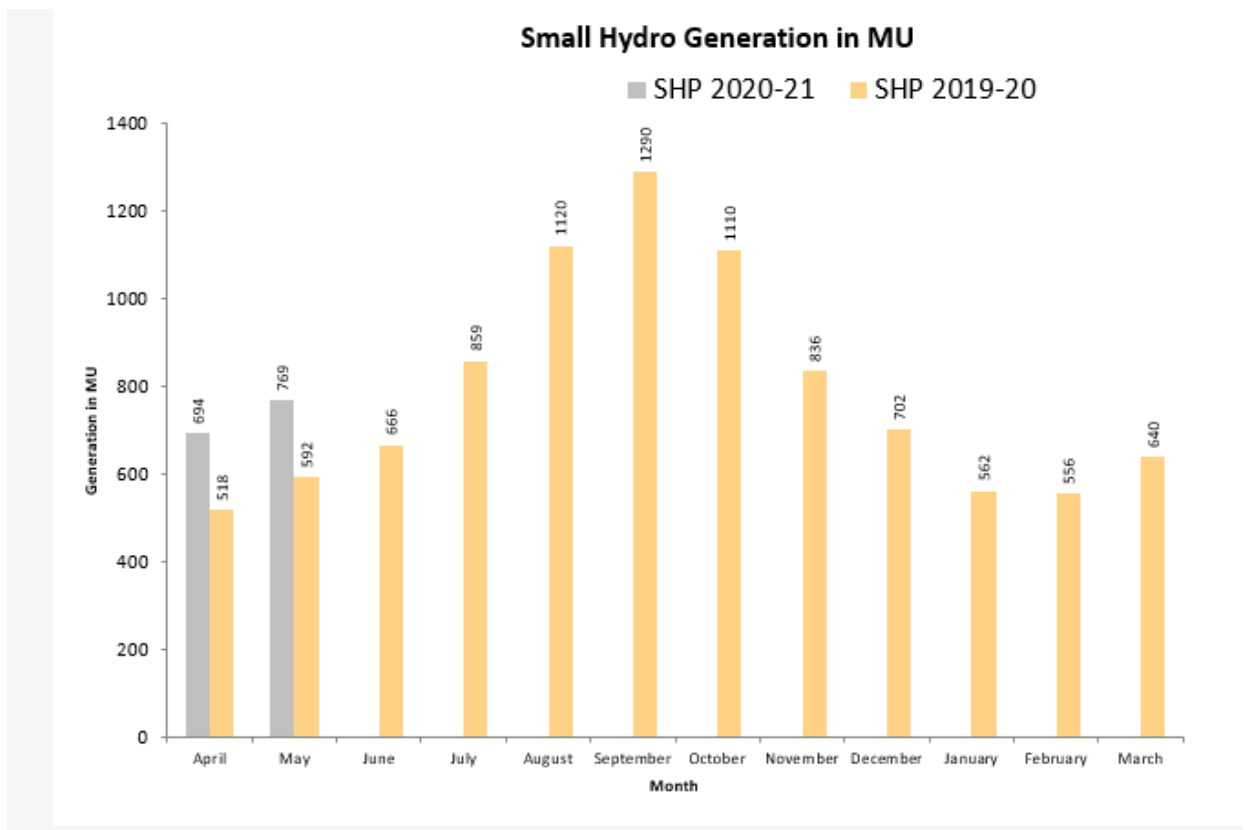


Figure 17 Month wise Small Hydro Power Generation

Table 8 State Wise Other (Waste Heat etc) Power Generation

Others Energy Generation (State Wise) for the month of May ,2020				
State	May,2020	May,2019	April 20 - May, 20	April,19-May, 19
Chandigarh	0.00	0.00	0.00	0.00
Delhi	25.21	24.81	47.09	51.79
Haryana	0.00	0.00	0.00	0.00
HP	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	0.01	0.00
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	24.81	47.10	51.79
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	3.29	7.77
Madhya Pradesh	3.22	2.78	5.68	5.21
Maharashtra	0.01	0.13	0.02	0.26
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	2.91	8.98	13.24
Andhra Pradesh	0.44	0.60	0.44	1.20
Telangana	7.59	1.05	13.22	1.91
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	1.65	13.66	3.11
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
DVC	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
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	29.37	69.74	68.14

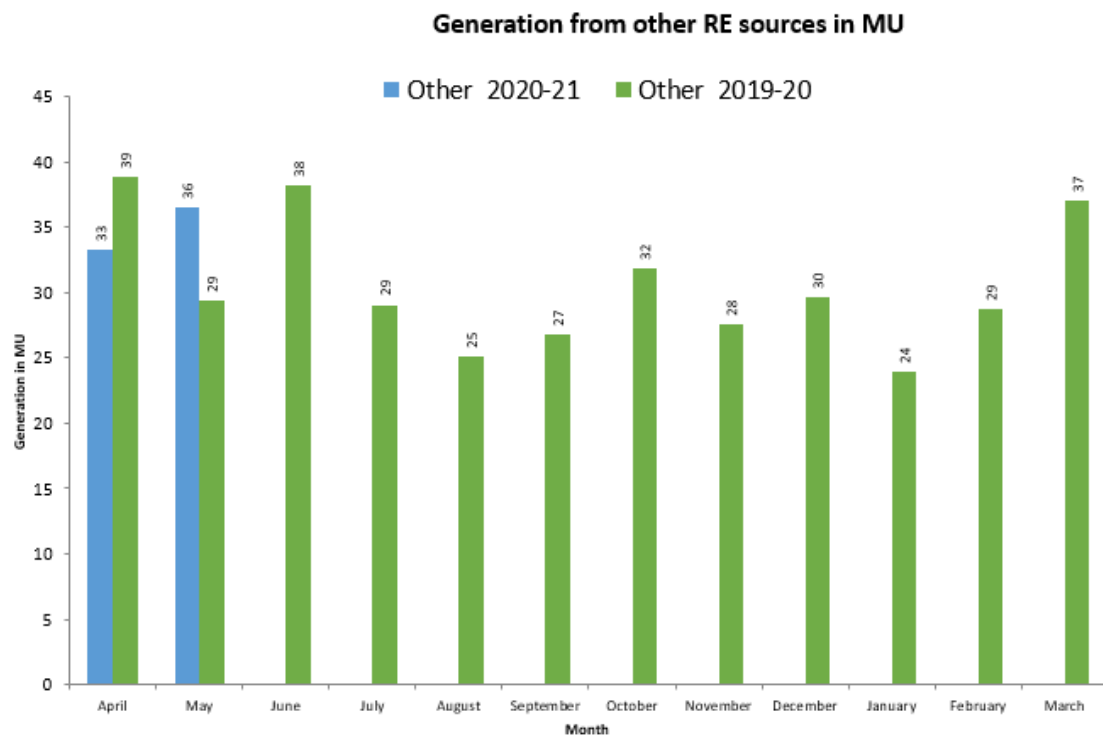


Figure 18 Month Other RE (Waste Heat etc) Power Generation

Table 9: Renewable Energy Generation by ISGS Stations

Monthly RE generation from Inter state Generating Station (ISGS) for MAY , 2020							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.66	18%
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	2.29	21%
UNCHAHAR SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	1.51	21%
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private		IPP	50	10.31	29%
MAHOBHA SOLAR (UP) PRIVATE LTD	Rajasthan		IPP	Solar	200	47.84	33%
ACME CHITTORGARH ENERGY PVT LTD	Rajasthan	Private	IPP	Solar	250	46.69	26%
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	41.63	29%
AZURE POWER THIRTY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	130	30.39	32%
CLEAN SOLAR POWER (BHADLA) PVT LDT	Rajasthan	Private	IPP	Solar	300	67.49	31%
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	12.27	34%
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	54.91	31%
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	46.33	32%
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	36.25	34%
Northern Region*					1810	398.56	
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	49.74	28%
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	50.95	28%
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	52.92	29%
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	71.21	40%
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	92.48	51%
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	94.65	44%
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	176.6	68.19	54%
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	47.76	27%

OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	90.88	50%
Western Region					2226.6	618.78	
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	41.35	23%
ORANGE	Tamil Nadu	Private	IPP	Wind	200	33.07	23%
MYTRA	Tamil Nadu	Private	IPP	Wind	187	29.41	22%
BEETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	50.2	8.59	24%
Southern Region					687.2	112.43	
Total					4723.8	1129.77	

Table 10 Renewable Energy Generation by CPSU Owned stations

Renewable Energy Generation Data (CPSU Wise) for May 2020						
CPSU	State	Installed Capacity (MW)	Source	Actual Generation (MU)	Cumulative Generation (MU)	Monthly CUF(%)
				May,2020	April 2020 to May 2020	
NTPC						
NTPC Faridabad_Solar	Haryana	5	Solar	0.67	1.35	18.01
NTPC Bhadla	Rajasthan	260	Solar	41.30	79.57	21.35
NTPC Dadri_Solar	Uttar Pradesh	5	Solar	0.66	1.32	17.74
NTPC Unchahar_Solar	Uttar Pradesh	10	Solar	1.51	2.93	20.30
NTPC Singrauli_Solar	Uttar Pradesh	15	Solar	2.29	4.32	20.52
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	2.68	5.03	45.03
NTPC Rojmal	Gujarat	50	Wind	10.08	15.22	27.10
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	7.91	15.27	21.26
NTPC Mandsaur	Madhya Pradesh	250	Solar	40.24	76.20	21.63
NTPC Anantapuram	Andhra Pradesh	250	Solar	37.42	74.15	20.12
NTPC Ramagundam	Telangana	10	Solar	1.35	3.11	18.15
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.38	0.81	10.22
NTPC Talchar_Solar	Orissa	10	Solar	1.39	2.66	18.68
Total NTPC		928		147.88	281.95	
THDC						
THDC Patan Wind Power Project	Gujarat	50	Wind	7.47	15.43	20.08
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	15.23	25.07	32.49
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	7.52	7.52	42.11
Total THDC		137		30.22	40.50	
NHPC						
NHPC Wind Power Project	Rajasthan	50	Wind	7.20	9.80	19.34
NHPC Solar Power Project	Tamil Nadu	50	Solar	8.61	18.55	23.15
Total NHPC		100		11.80	28.35	
ONGC						
ONGC Wind, Bhuj	Gujarat	51	Wind	10.23	15.27	26.97
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	14.61	24.07	19.25
ONGC Solar, Goa	Goa	1	Solar	0.15	0.29	19.49
ONGC Solar, Hazira	Gujarat	10	Solar	1.51	3.03	20.30
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.76	1.56	20.46

ONGC Solar,Rajahmundry	Andhra Pradesh	1	Solar	0.12	0.25	16.67
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.232	Solar	0.41	0.84	12.96
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	0.16	0.31	12.83
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.236	Solar	0.15	0.28	15.88
ONGC Solar, Agartala asset	Tripura	0.247	Solar	0.23	0.25	125.16
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.285	Solar	0.003	0.01	1.46
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.015	Solar	0.0003	0.00	2.69
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00
Total ONGC		177.91		28.33	46.16	
SJVN Limited						
Khivire Wind Power	Maharashtra	47.6	Wind	6.93	9.70	19.57
Sadla Wind Power	Gujarat	50	Solar	8.67	12.42	23.31
Charanka Solar Power	Gujarat	5.6	Solar	0.84	1.64	20.19
Total SJVN		103.2		16.44	23.77	
Oil India Ltd						
Oil India Ltd	Rajasthan	14	Solar	2.22	4.36	21.30
Oil India Ltd	Rajasthan	67.6	Wind	8.09	11.67	16.09
Oil India Ltd	Gujarat	43.3	Wind	6.51	11.70	20.21
Oil India Ltd	Madhya Pradesh	63.2	Wind	17.70	30.27	37.64
Total Oil India Ltd		188.1		34.52	58.00	
NEEPCO	Tripura	5	Solar	0.55	1.00	14.78
All India		1615.21		273.75	479.73	
Generation of CPSU owned RE generating stations is shown in respective state according to physical location so their generation should not be considered additional generation.						

RENEWABLE ENERGY CURTAILMENT DURING MAY 2020,

(As Available on SLDCs web site or informed by respective SLDC)

Table 11 RE Curtailment Data as available from SLDCs

Renewable Energy Curtailment for the month of May-2020			
S.No	States	Curtailment (MU)	Source
1.	Andhra Pradesh	*	APTRANSCO Website- http://apps.aptransco.co.in/sldcreports/forms/BackDownWind.aspx
2.	Telangana	0	Information furnished by SLDC, TSTransco through email.
3.	Tamil Nadu	-	No information is available on website.
4.	Karnataka	0	SLDC, KPTCL Website- http://kptclslcd.com/recurtail.aspx
5.	Maharashtra	-	No information is available on website.
6.	Gujarat	-	No information is available on website.
7.	Rajasthan	0	SLDC, RRVPNL Website- https://slcd.rajasthan.gov.in/mis/monthlyReDsmReports
8.	Madhya Pradesh	0	SLDC, MP Power Transmission Corporation Ltd.- http://223.31.122.117/mpslcd/RE_DATA

*Curtailment detail given of Andhra Pradesh in MW is enclosed below:

Solar Power curtailment of Andhra Pradesh as given below:

Date	Block No	Time	Solar curtailment MW	Total Solar Curtailment MW	Solar generation MW	Reasons for Backing down
03-05-2020	63	15:31:00	200	200	1164	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
03-05-2020	63	15:34:00	100	100	1230	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
03-05-2020	63	15:36:00	100	100	1235	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
03-05-2020	64	15:59:00	200	400	811	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
03-05-2020	66	16:21:00	-100	0	650	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
03-05-2020	66	16:21:00	-100	0	650	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
03-05-2020	66	16:22:00	-200	200	650	Released to maintain grid security as per IEGC regulation (At Ghani SS)
03-05-2020	66	16:26:00	-200	0	672	Released to maintain grid security as per IEGC regulation (At Ghani SS)
10-05-2020	61	15:01:00	200	200	1406	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
10-05-2020	62	15:29:00	-200	0	1088	Released to maintain grid security as per IEGC regulation (At Ghani SS)
14-05-2020	37	09:08:00	300	300	1470	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
14-05-2020	39	09:31:00	-200	100	1300	Released to maintain grid security as per IEGC regulation (At Ghani SS)
14-05-2020	39	09:35:00	-100	0	1461	Released to maintain grid security as per IEGC regulation (At Ghani SS)
14-05-2020	42	10:23:00	200	200	1859	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
14-05-2020	46	11:16:00	-100	100	1747	Released to maintain grid security as per IEGC regulation (At Ghani SS)
14-05-2020	46	11:30:00	-100	0	1896	Released to maintain grid security as per IEGC regulation (At Ghani SS)
19-05-2020	32	07:53:00	200	200	580	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
19-05-2020	44	10:57:00	50	50	1535	Curtailed to maintain grid security or safety as per IEGC regulation (at Distributed stations in percentage)
19-05-2020	44	10:58:00	100	100	1533	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
19-05-2020	45	11:05:00	100	100	1581	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
19-05-2020	46	11:24:00	-100	0	1193	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
19-05-2020	46	11:26:00	-100	0	1203	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
19-05-2020	47	11:34:00	-200	0	1194	Released to maintain grid security as per IEGC regulation (At Ghani SS)
19-05-2020	50	12:21:00	-50	0	1418	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
20-05-2020	41	10:01:00	50	50	1664	Curtailed to maintain grid security or safety as per IEGC regulation (at Distributed stations in percentage)
20-05-2020	41	10:01:00	200	200	1664	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)

Date	Block No	Time	Solar curtailment MW	Total Solar Curtailment MW	Solar generation MW	Reasons for Backing down
20-05-2020	41	10:01:00	100	100	1664	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
20-05-2020	41	10:01:00	100	100	1664	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
20-05-2020	43	10:37:00	-100	0	1320	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
20-05-2020	43	10:37:00	-100	0	1320	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
20-05-2020	44	10:50:00	-200	0	1561	Released to maintain grid security as per IEGC regulation (At Ghani SS)
20-05-2020	47	11:32:00	-50	0	1881	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)

Wind Power Curtailment of Andhra Pradesh:

Date	Block No	Time	wind curtailment MW	Total wind Curtailment MW	wind generation MW	Reasons for Backing down
01-05-2020	78	19:20:00	50	50	914	Curtailed to maintain grid security as per IEGC regulation (in percentage)
01-05-2020	83	20:40:00	-20	30	786	Released to maintain grid security as per IEGC regulation (in percentage)
01-05-2020	84	20:54:00	-20	10	836	Released to maintain grid security as per IEGC regulation (in percentage)
01-05-2020	85	20:59:00	-10	0	862	Released to maintain grid security as per IEGC regulation(in percentage)
03-05-2020	63	15:33:00	50	50	363	Curtailed to maintain grid security as per IEGC regulation (in percentage)
03-05-2020	66	16:18:00	-10	40	385	Released to maintain grid security as per IEGC regulation (in percentage)
03-05-2020	66	16:25:00	-40	0	308	Released to maintain grid security as per IEGC regulation (in percentage)
04-05-2020	73	18:00:00	20	20	886	Curtailed to maintain grid security as per IEGC regulation (in percentage)
04-05-2020	74	18:18:00	-20	0	595	Released to maintain grid security as per IEGC regulation (in percentage)
06-05-2020	2	00:17:00	20	20	1104	Curtailed to maintain grid security as per IEGC regulation (in percentage)
06-05-2020	12	02:55:00	-20	0	1063	Released to maintain grid security as per IEGC regulation (in percentage)
06-05-2020	75	18:33:00	80	80	860	Curtailed to maintain grid security as per IEGC regulation (in percentage)
06-05-2020	76	18:57:00	-40	40	378	Released to maintain grid security as per IEGC regulation (in percentage)
06-05-2020	77	19:12:00	-20	20	564	Released to maintain grid security as per IEGC regulation (in percentage)
06-05-2020	78	19:20:00	-20	0	634	Released to maintain grid security as per IEGC regulation (in percentage)
06-05-2020	88	21:55:00	50	50	1077	Curtailed to maintain grid security as per IEGC regulation (in percentage)
06-05-2020	90	22:15:00	-50	0	748	Released to maintain grid security as per IEGC regulation (in percentage)
10-05-2020	61	15:01:00	25	25	566	Curtailed to maintain grid security as per IEGC regulation (in percentage)
10-05-2020	63	15:34:00	-25	0	481	Released to maintain grid security as per IEGC regulation (in percentage)

Date	Block No	Time	wind curtailment MW	Total wind Curtailment MW	wind generation MW	Reasons for Backing down
11-05-2020	68	16:58:00	20	20	925	Curtailed to maintain grid security as per IEGC regulation (in percentage)
11-05-2020	70	17:19:00	-20	0	771	Released to maintain grid security as per IEGC regulation (in percentage)
12-05-2020	82	20:16:00	20	20	1009	Curtailed to maintain grid security as per IEGC regulation (in percentage)
12-05-2020	87	21:40:00	-10	10	1035	Released to maintain grid security as per IEGC regulation (in percentage)
12-05-2020	88	21:46:00	-10	0	1059	Released to maintain grid security as per IEGC regulation (in percentage)
14-05-2020	74	18:21:00	60	60	898	Curtailed to maintain grid security as per IEGC regulation (in percentage)
14-05-2020	75	18:44:00	-40	20	580	Released to maintain grid security as per IEGC regulation (in percentage)
14-05-2020	77	19:15:00	-20	0	824	Released to maintain grid security as per IEGC regulation (in percentage)
14-05-2020	80	19:57:00	40	40	1225	Curtailed to maintain grid security as per IEGC regulation (in percentage)
14-05-2020	82	20:17:00	20	60	1052	Curtailed to maintain grid security as per IEGC regulation (in percentage)
14-05-2020	83	20:40:00	-20	40	907	Released to maintain grid security as per IEGC regulation (in percentage)
14-05-2020	85	21:07:00	-20	20	1155	Released to maintain grid security as per IEGC regulation (in percentage)
14-05-2020	86	21:15:00	-20	0	1186	Released to maintain grid security as per IEGC regulation (in percentage)
16-05-2020	80	19:52:00	50	50	1220	Curtailed to maintain grid security as per IEGC regulation (in percentage)
16-05-2020	82	20:20:00	-25	25	862	Released to maintain grid security as per IEGC regulation (in percentage)
16-05-2020	83	20:35:00	-25	0	915	Released to maintain grid security as per IEGC regulation (in percentage)
17-05-2020	69	17:10:00	40	40	625	Curtailed to maintain grid security as per IEGC regulation (in percentage)
17-05-2020	72	17:47:00	-20	20	387	Released to maintain grid security as per IEGC regulation (in percentage)
17-05-2020	72	17:55:00	-20	0	378	Released to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	1	00:10:00	30	30	1240	Curtailed to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	9	02:05:00	-10	20	1272	Released to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	10	02:20:00	-10	10	1301	Released to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	15	03:35:00	10	20	1407	Curtailed to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	17	04:05:00	20	40	1509	Curtailed to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	25	06:01:00	10	50	1059	Curtailed to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	38	09:29:00	-25	25	875	Released to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	39	09:35:00	-25	0	820	Released to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	41	10:02:00	25	25	1008	Curtailed to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	42	10:19:00	25	50	970	Curtailed to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	55	13:35:00	-20	30	609	Released to maintain grid security as per IEGC regulation (in percentage)

Date	Block No	Time	wind curtailment MW	Total wind Curtailment MW	wind generation MW	Reasons for Backing down
18-05-2020	55	13:44:00	-30	0	579	Released to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	57	14:02:00	25	25	975	Curtailed to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	65	16:11:00	-25	0	847	Released to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	76	18:56:00	20	20	1307	Curtailed to maintain grid security as per IEGC regulation (in percentage)
18-05-2020	95	23:37:00	20	40	1814	Curtailed to maintain grid security as per IEGC regulation (in percentage)
19-05-2020	21	05:12:00	-10	30	1537	Released to maintain grid security as per IEGC regulation (in percentage)
19-05-2020	28	06:55:00	20	50	1680	Curtailed to maintain grid security as per IEGC regulation (in percentage)
19-05-2020	37	09:00:00	20	70	1531	Curtailed to maintain grid security as per IEGC regulation (in percentage)
19-05-2020	50	12:22:00	-20	50	985	Released to maintain grid security as per IEGC regulation (in percentage)
19-05-2020	51	12:44:00	-20	30	1240	Released to maintain grid security as per IEGC regulation (in percentage)
19-05-2020	54	13:17:00	-20	10	1519	Released to maintain grid security as per IEGC regulation (in percentage)
19-05-2020	57	14:07:00	-10	0	1711	Released to maintain grid security as per IEGC regulation (in percentage)
20-05-2020	40	09:54:00	50	50	2069	Curtailed to maintain grid security as per IEGC regulation (in percentage)
20-05-2020	46	11:27:00	-50	0	1605	Released to maintain grid security as per IEGC regulation (in percentage)
26-05-2020	69	17:04:00	100	100	813	Curtailed to maintain grid security as per IEGC regulation (in percentage)

Table 12 Deviation Data for ISGS

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of May, 2020				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Northern Region				
ACME CHITTORGARH ENERGY PVT LTD	Solar	44.14	46.69	2.56
AZURE SOLAR	Solar	39.44	41.63	2.19
AZURE SOLAR THIRTY FOUR	Solar	28.25	30.39	2.15
CLEAN SOLAR POWER(BHADLA) PVT LTD.	Solar	63.15	67.49	4.34
DADRI SOLAR	Solar	0.77	0.66	-0.11
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Solar	10.23	10.31	0.07
MAHOBA SOLAR	Solar	48.13	47.84	-0.30
RENEW SOLAR	Solar	11.81	12.27	0.46
RENEW SOLAR POWER LTD PVT BIKANER	Solar	53.78	54.91	1.13
SB ENERGY	Solar	46.86	46.33	-0.53
SINGRAULI SOLAR	Solar	2.13	2.18	0.05
TATA POWER RENEWABLE	Solar	34.50	36.25	1.74
UNCHAHR SOLAR	Solar	1.55	1.50	-0.05
Western Region				
ACME SOLAR (RAMNAGAR)	Solar	49.19	49.74	0.55
ADANI GREEN ENERGY MP,LTD	Wind	67.54	68.19	0.65
ARINSUN SOLAR (BARSAITADESH)	Solar	47.95	50.95	3.00
GREEN INFRA WIND ENERGY LIMITED SECI 2	Wind	92.46	92.48	0.03
GREEN INFRA WIND ENERGY LIMITED SECI 3	Wind	92.02	94.65	2.63
INOX WIND	Wind	48.96	47.76	-1.21
MAHINDRA SOLAR (BADWAR)	Solar	50.77	52.92	2.15
OSTRO -KUTCH	Wind	92.21	90.88	-1.33
RENEW POWER	Solar	71.64	71.21	-0.44
Southern Region				
BEETAM	Wind	9.97	8.59	-1.38
GIREL	Wind	46.17	41.35	-4.82
MYTRAH	Wind	33.92	29.41	-4.51
ORANGE	Wind	38.24	33.07	-5.16

+ve Deviation Means Actual generation is greater than Schedule Generation.

Table 13 Fossil and Non Fossil Generation

Fossil and Non Fossil (State Wise) Electricity Generation for the Month of May ,2020							
State/UT	Fossil		Non Fossil			Grand Total	Non Fossil as % of Total Generation
	Thermal	Gas	Nuclear	Hydro (Large)	Renewable Energy		
Chandigarh	0.00	0.00	0.00	0.00	0.21	0.21	100.00
Delhi	0.00	482.64	0.00	0.00	39.81	522.45	7.62
Haryana	366.16	84.55	0.00	0.00	57.77	508.48	11.36
HP	0.00	0.00	0.00	4025.50	275.63	4301.13	100.00
J & K	0.00	0.00	0.00	2184.00	59.10	2243.10	100.00
Ladakh	0.00	0.00	0.00	33.50	0.00	33.50	100.00
Punjab	137.84	0.00	0.00	502.66	261.90	902.40	84.73
Rajasthan	3206.49	64.06	734.67	12.83	1679.19	5697.24	42.59
Uttar Pradesh	9059.39	346.59	293.13	116.74	468.29	10284.14	8.54
Uttarakhand	0.00	0.00	0.00	1263.87	124.06	1387.93	100.00
Northern Region	12769.88	977.84	1027.80	8139.10	2965.95	25880.57	46.88
Chhattisgarh	11100.18	0.00	0.00	9.22	137.82	11247.22	1.31
Gujarat	5060.73	2252.10	325.50	189.59	2252.12	10080.04	27.45
Madhya Pradesh	9568.50	0.00	0.00	406.78	1032.93	11008.21	13.08
Maharashtra	6813.39	498.91	883.55	609.56	1158.96	9964.37	26.62
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.68	0.68	100.00
Daman & Diu	0.00	0.00	0.00	0.00	2.24	2.24	100.00
Goa	0.00	0.00	0.00	0.00	0.15	0.15	100.00
Western Region	32542.80	2751.01	1209.05	1215.15	4584.89	42302.90	16.57
Andhra Pradesh	3150.36	335.97	0.00	163.20	1258.61	4908.14	28.97
Telangana	3429.66	0.00	0.00	0.00	665.91	4095.57	16.26
Karnataka	1583.21	0.00	537.30	1271.91	2129.59	5522.01	71.33
Kerala	0.00	0.00	0.00	643.28	75.62	718.90	100.00
Tamil Nadu	4953.45	299.35	1023.39	276.84	1702.31	8255.34	36.37
Lakshadweep	0.00	0.00	0.00	0.00	0.05	0.05	100.00
Puducherry	0.00	21.00	0.00	0.00	0.37	21.37	1.73
Southern Region	13116.68	656.32	1560.69	2355.23	5832.46	23521.38	41.44
Andaman Nicobar	11.16	0.00	0.00	0.00	1.03	12.19	8.45
Bihar	2740.66	0.00	0.00	0.00	16.96	2757.62	0.62
Jharkhand	2025.18	0.00	0.00	7.60	1.41	2034.19	0.44
Orissa	4746.46	0.00	0.00	654.90	70.73	5472.09	13.26
Sikkim	0.00	0.00	0.00	1068.84	3.72	1072.56	100.00
West Bengal	4499.94	0.00	0.00	253.98	84.44	4838.36	6.99
DVC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Eastern Region	14023.40	0.00	0.00	1985.32	178.29	16187.01	13.37
Arunachal Pradesh	0.00	0.00	0.00	218.77	0.19	218.96	100.00
Assam	213.72	222.92	0.00	13.17	0.16	449.97	2.96

Manipur	0.00	0.00	0.00	8.34	0.43	8.77	100.00
Meghalaya	0.00	0.00	0.00	81.77	3.03	84.80	100.00
Mizoram	0.00	0.00	0.00	5.62	1.20	6.82	100.00
Nagaland	0.00	0.00	0.00	3.66	4.89	8.55	100.00
Tripura	0.00	619.18	0.00	0.00	2.41	621.59	0.39
North Eastern Region	213.72	842.10	0.00	331.33	12.31	1399.46	24.56
All India Total	72666.48	5227.27	3797.54	14026.13	13573.90	109291.32	28.73

Table 14 Renewable Energy as % of Total Electricity Generated

Re Generation as proportion of Total Electricity generation -Physical location wise. (State Wise) for the Month of May,2020							
State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Chandigarh	0.00	0.00	0.00	0.00	0.21	0.21	100.00
Delhi	0.00	482.64	0.00	0.00	39.81	522.45	7.62
Haryana	366.16	84.55	0.00	0.00	57.77	508.48	11.36
HP	0.00	0.00	0.00	4025.50	275.63	4301.13	6.41
J & K	0.00	0.00	0.00	2184.00	59.10	2243.10	2.63
Ladakh	0.00	0.00	0.00	33.50	0.00	33.50	0.00
Punjab	137.84	0.00	0.00	502.66	261.90	902.40	29.02
Rajasthan	3206.49	64.06	734.67	12.83	1679.19	5697.24	29.47
Uttar Pradesh	9059.39	346.59	293.13	116.74	468.29	10284.14	4.55
Uttarakhand	0.00	0.00	0.00	1263.87	124.06	1387.93	8.94
Northern Region	12769.88	977.84	1027.80	8139.10	2965.95	25880.57	11.46
Chhattisgarh	11100.18	0.00	0.00	9.22	137.82	11247.22	1.23
Gujarat	5060.73	2252.10	325.50	189.59	2252.12	10080.04	22.34
Madhya Pradesh	9568.50	0.00	0.00	406.78	1032.93	11008.21	9.38
Maharashtra	6813.39	498.91	883.55	609.56	1158.96	9964.37	11.63
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.68	0.68	100.00
Daman & Diu	0.00	0.00	0.00	0.00	2.24	2.24	100.00
Goa	0.00	0.00	0.00	0.00	0.15	0.15	100.00
Western Region	32542.80	2751.01	1209.05	1215.15	4584.89	42302.90	10.84
Andhra Pradesh	3150.36	335.97	0.00	163.20	1258.61	4908.14	25.64
Telangana	3429.66	0.00	0.00	0.00	665.91	4095.57	16.26
Karnataka	1583.21	0.00	537.30	1271.91	2129.59	5522.01	38.57
Kerala	0.00	0.00	0.00	643.28	75.62	718.90	10.52
Tamil Nadu	4953.45	299.35	1023.39	276.84	1702.31	8255.34	20.62
Lakshadweep	0.00	0.00	0.00	0.00	0.05	0.05	100.00
Puducherry	0.00	21.00	0.00	0.00	0.37	21.37	1.73
Southern Region	13116.68	656.32	1560.69	2355.23	5832.46	23521.38	24.80
Andaman Nicobar	11.16	0.00	0.00	0.00	1.03	12.19	8.45
Bihar	2740.66	0.00	0.00	0.00	16.96	2757.62	0.62
Jharkhand	2025.18	0.00	0.00	7.60	1.41	2034.19	0.07
Orissa	4746.46	0.00	0.00	654.90	70.73	5472.09	1.29
Sikkim	0.00	0.00	0.00	1068.84	3.72	1072.56	0.35
West Bengal	4499.94	0.00	0.00	253.98	84.44	4838.36	1.75
DVC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Eastern Region	14023.40	0.00	0.00	1985.32	178.29	16187.01	1.10
Arunachal Pradesh	0.00	0.00	0.00	218.77	0.19	218.96	0.09
Assam	213.72	222.92	0.00	13.17	0.16	449.97	0.04

**Re Generation as proportion of Total Electricity generation -Physical location wise. (State Wise)
for the Month of May,2020**

State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Manipur	0.00	0.00	0.00	8.34	0.43	8.77	4.90
Meghalaya	0.00	0.00	0.00	81.77	3.03	84.80	3.57
Mizoram	0.00	0.00	0.00	5.62	1.20	6.82	17.60
Nagaland	0.00	0.00	0.00	3.66	4.89	8.55	57.19
Tripura	0.00	619.18	0.00	0.00	2.41	621.59	0.39
North Eastern Region	213.72	842.10	0.00	331.33	12.31	1399.46	0.88
All India Total	72666.48	5227.27	3797.54	14026.13	13573.90	109291.32	12.42

RENEWABLE ENERGY TO TRANSPORT SECTOR :

Table 15 REWA Solar To Delhi Metro

From Rewa Solar Park (MP) to DMRC				
	Delhi Discoms			
Month	BRPL	BYPL	TPDDL	Total (MUs)
April ,2020	1.51	0.60	0.54	2.65
May ,2020	1.55	0.46	0.29	2.29
All figures at Delhi PP in MUs				
DMRC : Delhi Metro Rail Corporation				

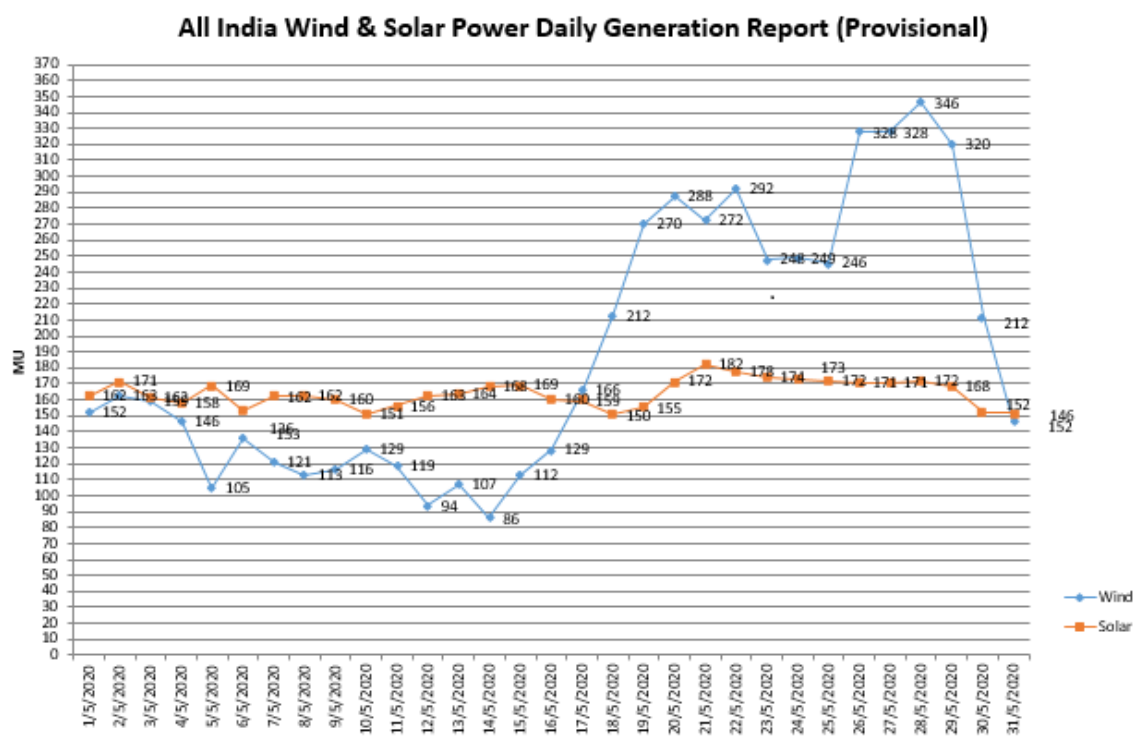


Figure 19 Daily Solar and wind Power Generation trend



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