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Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority



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Renewable Energy Project Monitoring Division

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Table of Contents

Summary of report for the month of March 2021.....	1
Highlights of RE generation during March 2021.....	3
All India Summary of Renewable Generation	4
Renewable Energy Curtailment During March 2021	26
Renewable Energy To Transport Sector :	35

Table List:

Table 1 All India Summary of Renewable Energy Generation	4
Table 2 State Wise Renewable Energy Generation	9
Table 3 State Wise wind Power Generation	10
Table 4 State Wise Solar Power Generation	12
Table 5 State Wise Biomass Power Generation	14
Table 6 State Wise bagasse Power Generation	16
Table 7 State Wise Small Hydro Generation	18
Table 8 State Wise Other (Waste Heat etc) Power Generation	20
Table 9: Renewable Energy Generation by ISGS Stations	22
Table 10 Renewable Energy Generation by CPSU Owned stations	24
Table 11 RE Curtailment Data as available from SLDCs	26
Table 12 Deviation Data for ISGS	30
Table 13 Fossil and Non Fossil Generation	31
Table 14 Renewable Energy as % of Total Electricity Generated	33
Table 15 REWA Solar To Delhi Metro	35

List of Figures:

Figure 1 Renewable Energy Generation	1
Figure 2 RE capacity added during the Month	1
Figure 3 Installed Capacity in India as on 31.03.2021	2
Figure 4: Addition in RE Installed Capacity-Source wise	2
Figure 5 Additional RE Generation during March 21	4
Figure 6 Month Wise Growth of RE Generation	5
Figure 7 Year Wise RE Generation	6
Figure 8 Month Wise RE Generation	6
Figure 9 Source wise breakup of Monthly RE Generation	7
Figure 10 Source wise breakup of Cumulative RE Generation	7
Figure 11 Monthly Energy Generation in India and RE Share	8
Figure 12 Cumulative Energy Generation in India and RE Share	8
Figure 13 Month Wise Wind Power Generation	11
Figure 14 Month Wise Solar Power Generation	13
Figure 15 Month Wise Biomass Power Generation	15
Figure 16 Month Wise bagasse Power Generation	17
Figure 17 Month Wise Small Hydro Power Generation	19
Figure 18 Month Other RE (Waste Heat etc.) Power Generation	21
Figure 19 Daily Solar and wind Power Generation trend	36

SUMMARY OF REPORT FOR THE MONTH OF MARCH 2021

Increased by 15.56% as compared to Feb 21.

Increased by 12.83 % as compared to Mar 20.

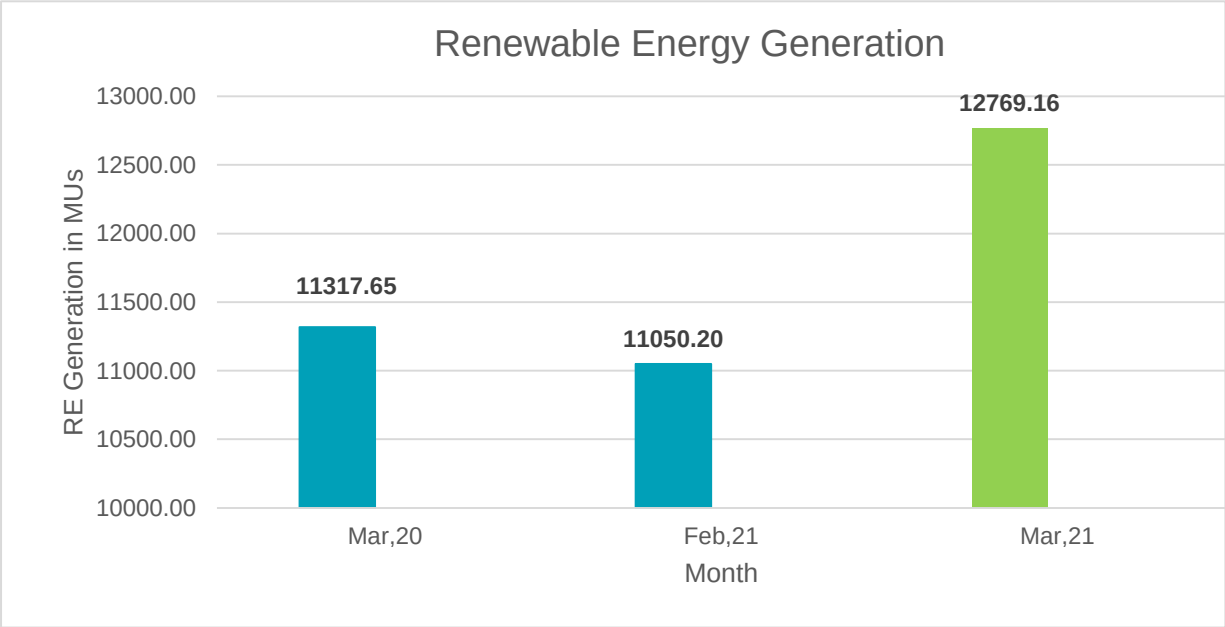


Figure 1: Renewable Energy Generation

Increased by 248.62 % as compared to Feb 21.

Increased by 445.02% as compared to Mar 20

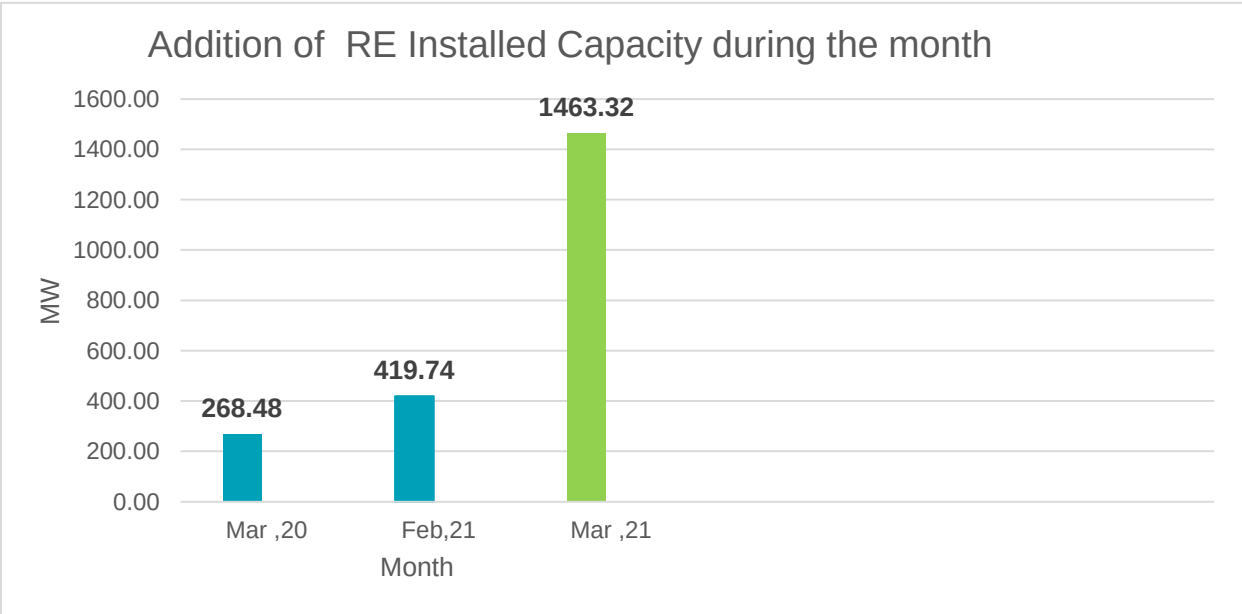


Figure 2 RE capacity added during the Month

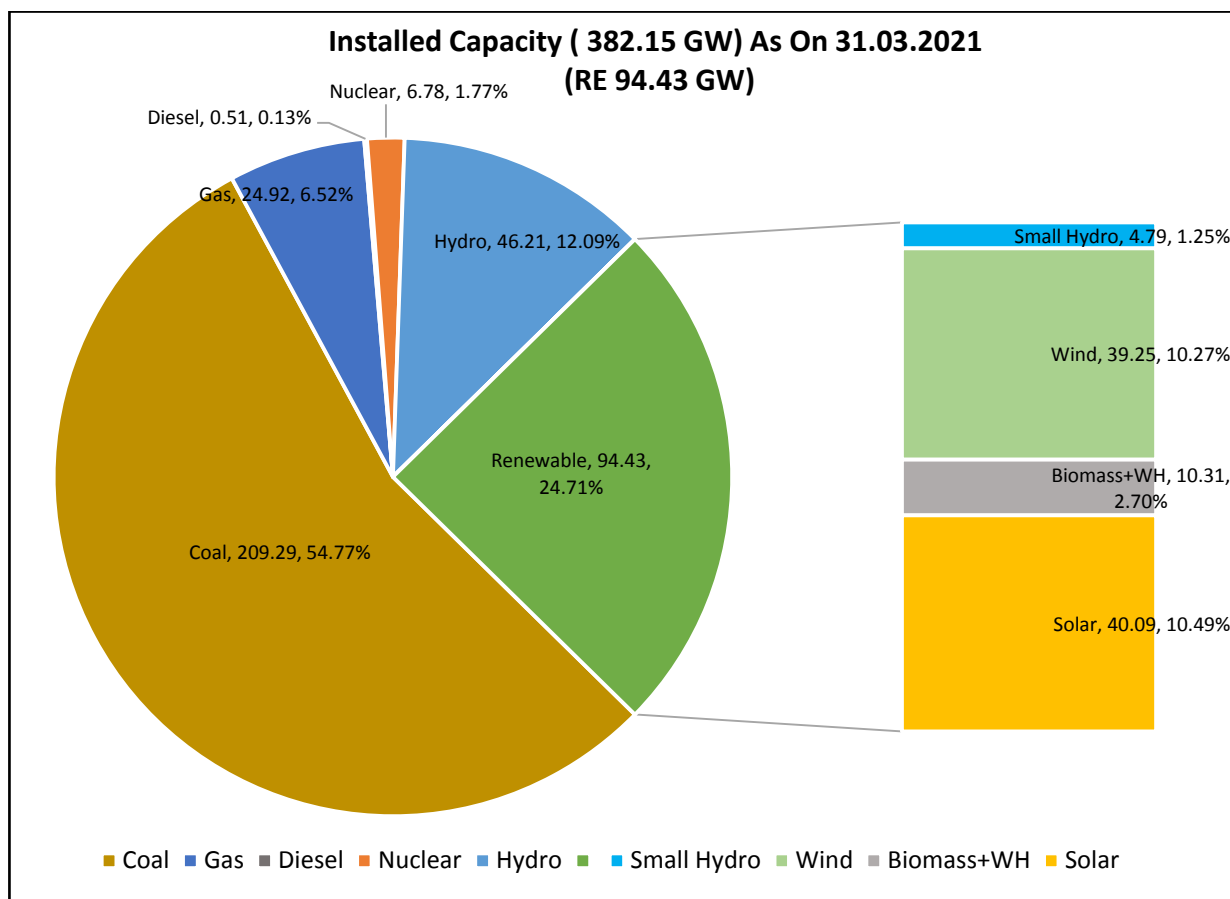


Figure 3 Installed Capacity in India as on 31.03.2021

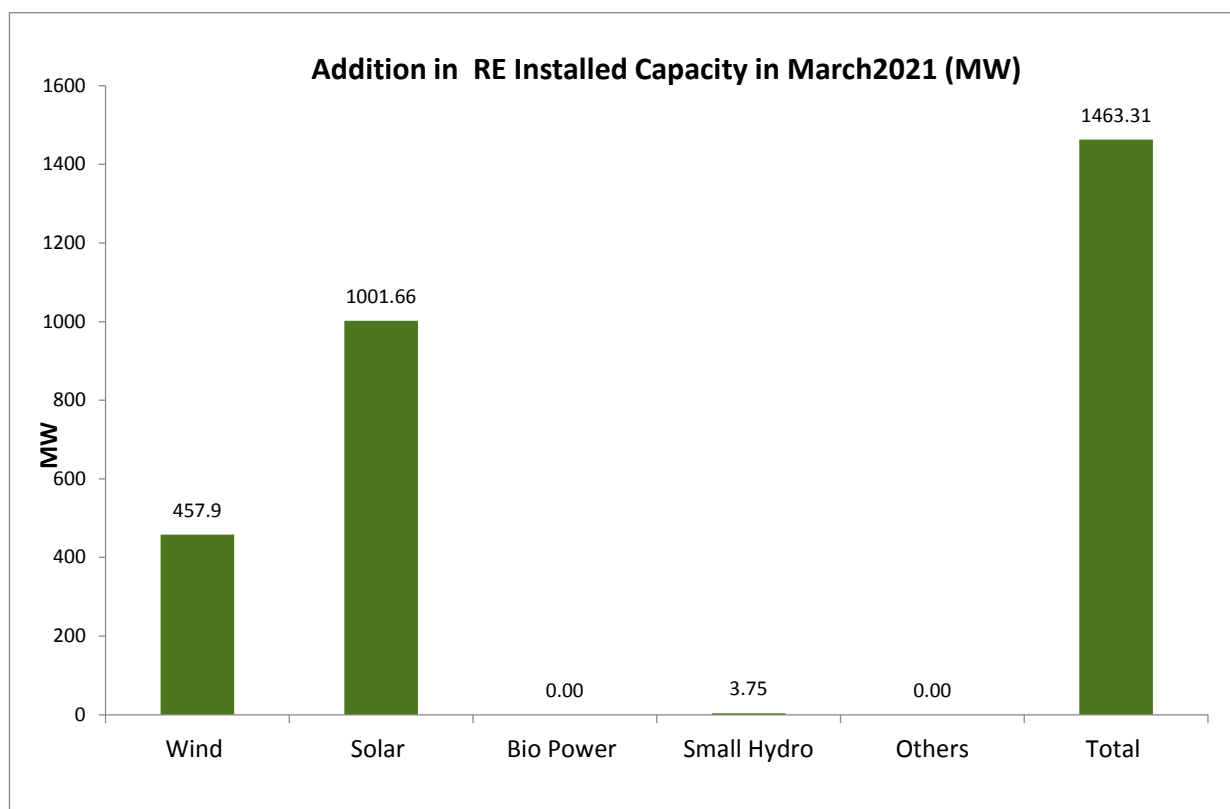


Figure 4: Source wise addition in RE Installed Capacity in March 21

HIGHLIGHTS OF RE GENERATION DURING MARCH 2021

1. RE generation increased by 12.83 % in March 2021 as compared to March 2020.
2. Wind Power generation during the month of March 2021 increased in Rajasthan, Andhra Pradesh, Karnataka, Tamil Nadu and Decreased in Gujarat and Maharashtra, as compared to March 2020.
3. Daily wind generation increased by 03.71 % as compared to March 2020 and increased by 11.04 % as compared to February 2021.
4. Solar Power generation during the month of March 2020 increased in Uttar Pradesh, Rajasthan, Gujarat, Madhya Pradesh, Maharashtra, Andhra Pradesh, Kerala, Telangana, and Orissa as compared to February 2020 and Decreased in Karnataka as compared to March 2020.
5. Daily solar generation increased by 19.90 % as compared to March 2020 and increased by 10.89% as compared to March 2021.
6. In West Bengal Generation from co-generation plants, which was earlier included under Bagasse is now being considered under others (Waste to energy) category. Therefore, the Overall Generation through Bagasse has been reduced and Generation through Others (Waste to Energy) has been increased as compared to last year.

ALL INDIA SUMMARY OF RENEWABLE ENERGY GENERATION

Table 1 All India Summary of Renewable Energy Generation

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

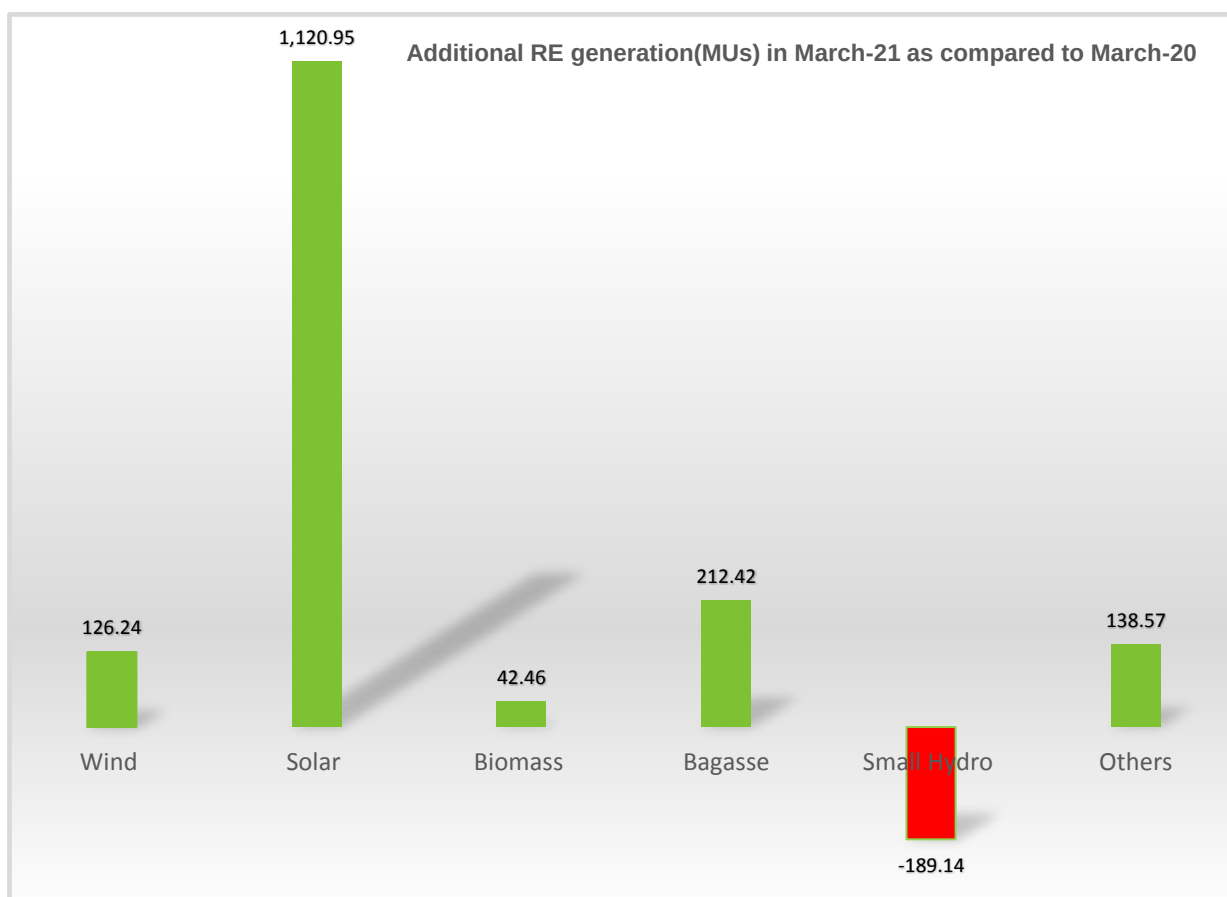


Figure 5 Additional RE Generation in March 21 compared to March 20

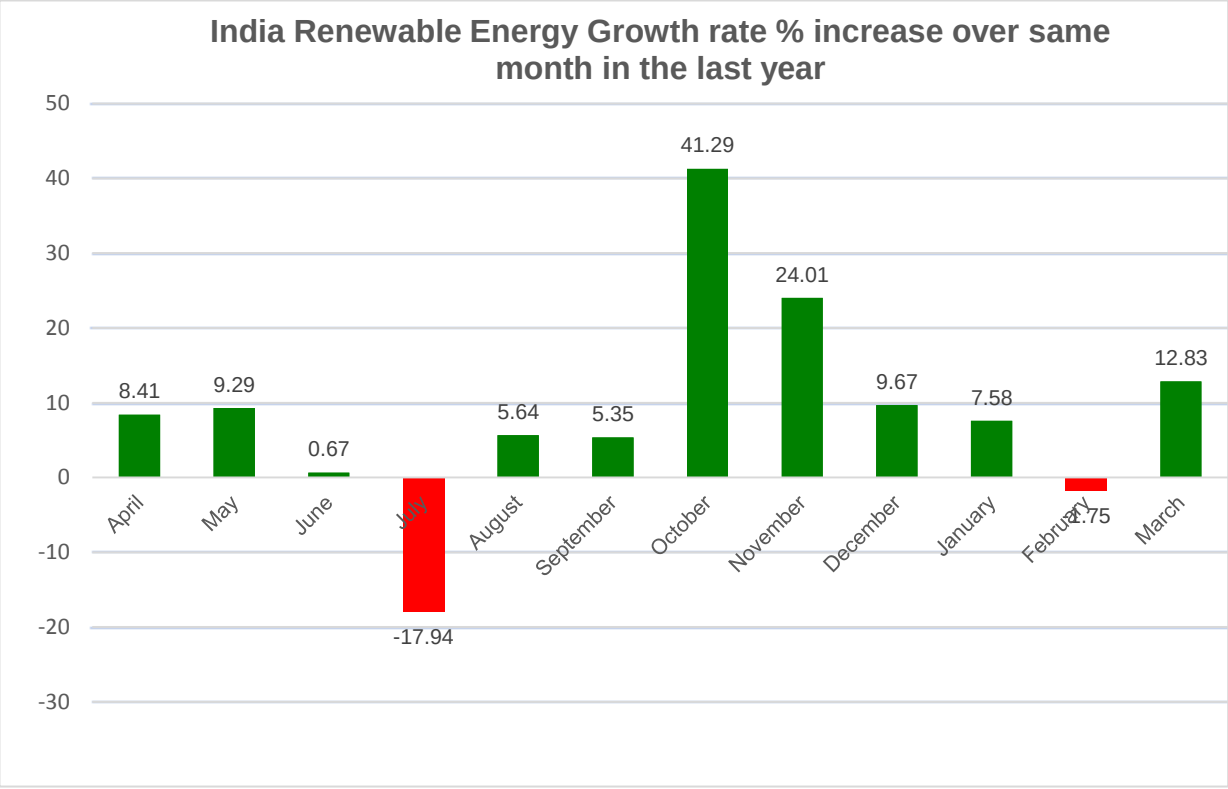


Figure 6 Month Wise Growth of RE Generation in 2020-21 w.r.t to 2019-20

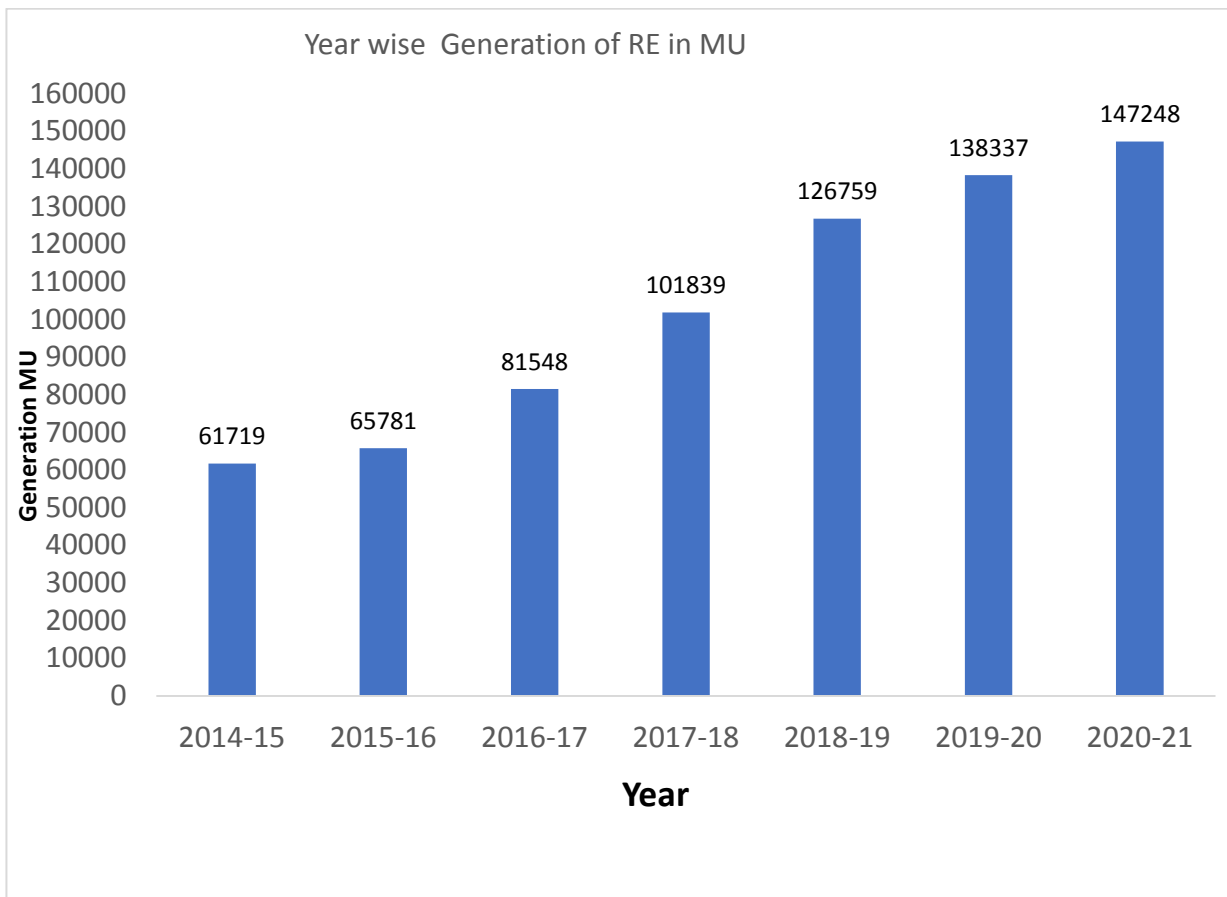


Figure 7 Year Wise RE Generation

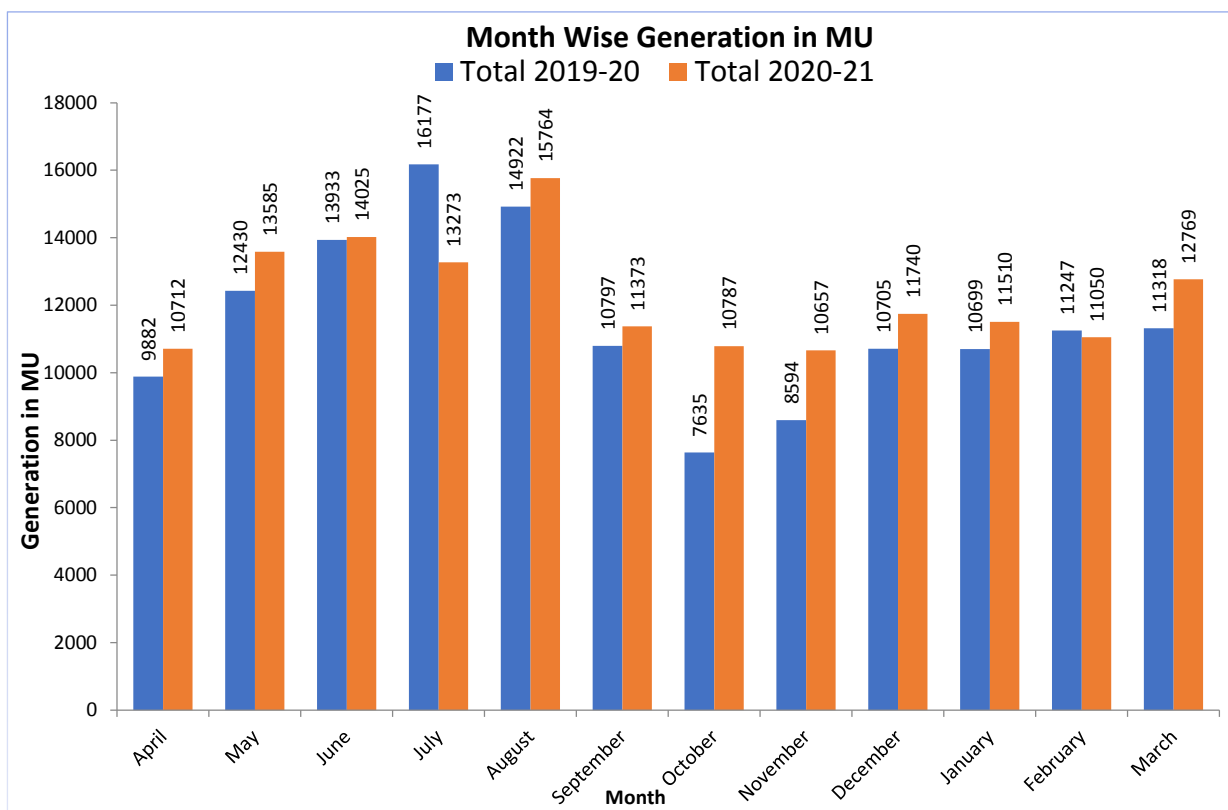


Figure 8 comparison of Month Wise RE Generation in year 2020-21 & in year 2019-20

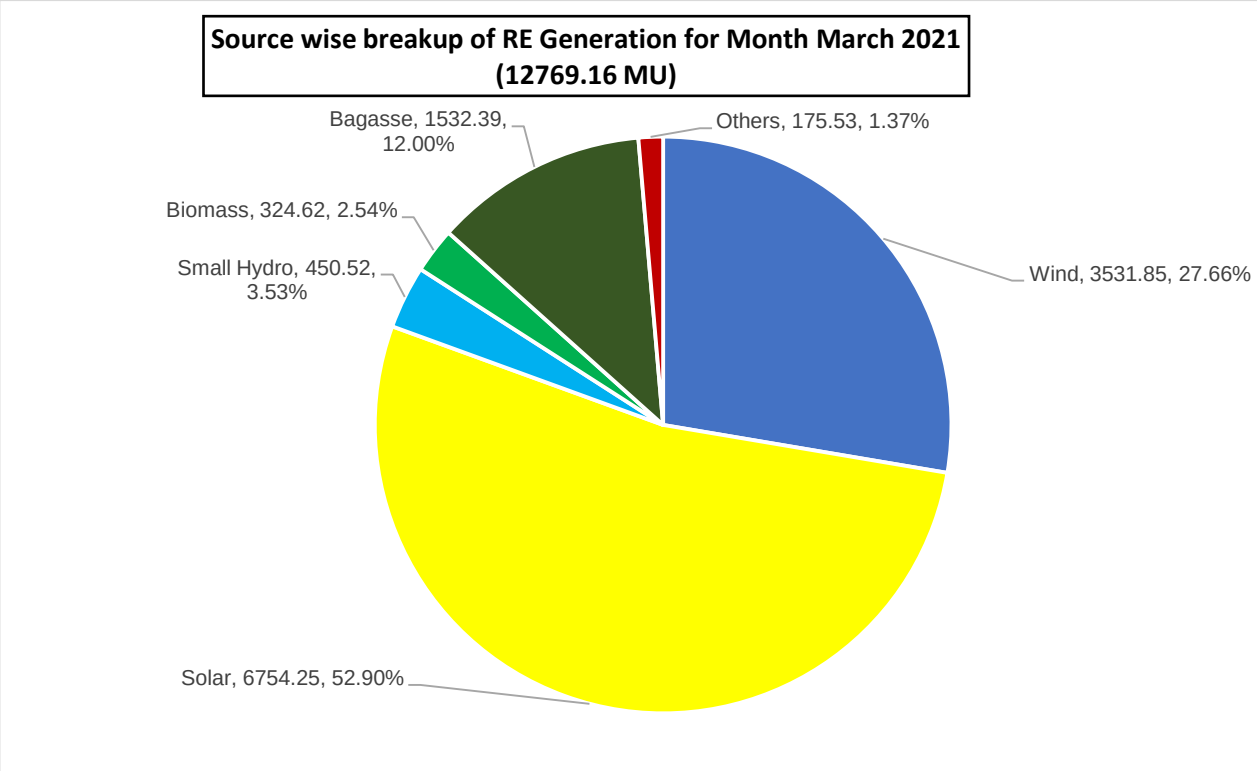


Figure 9 Source wise breakup of RE Generation in the month of March -21

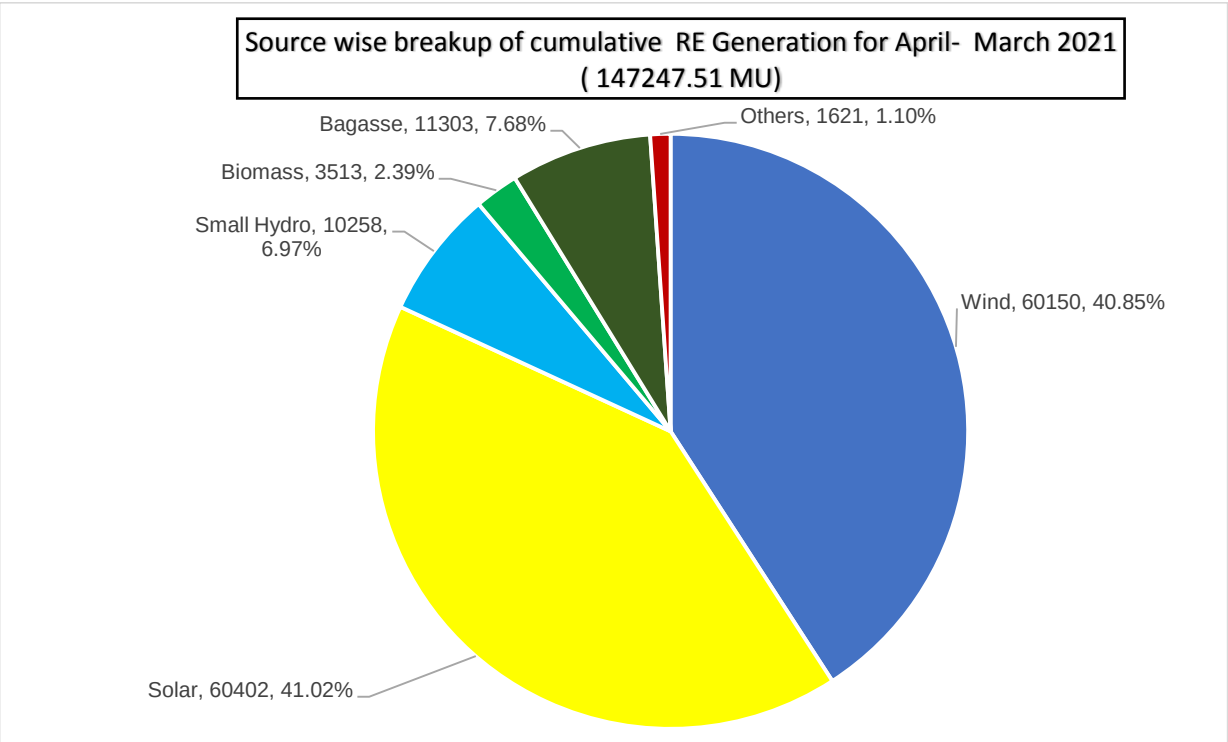


Figure 10 Source wise breakup of Cumulative RE Generation (April-20 – March -21)

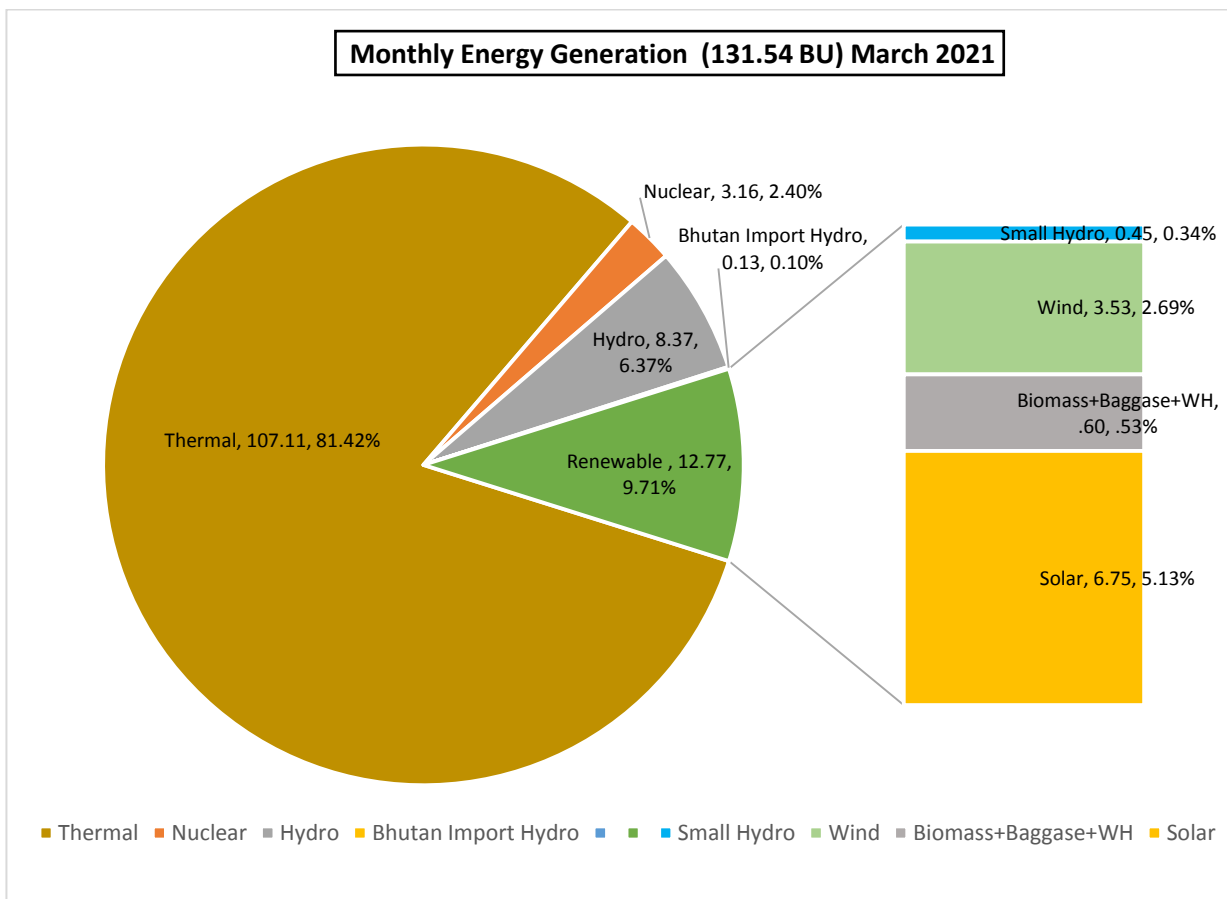


Figure 11 Total Energy Generation in India and Share of RE in the month of March -21

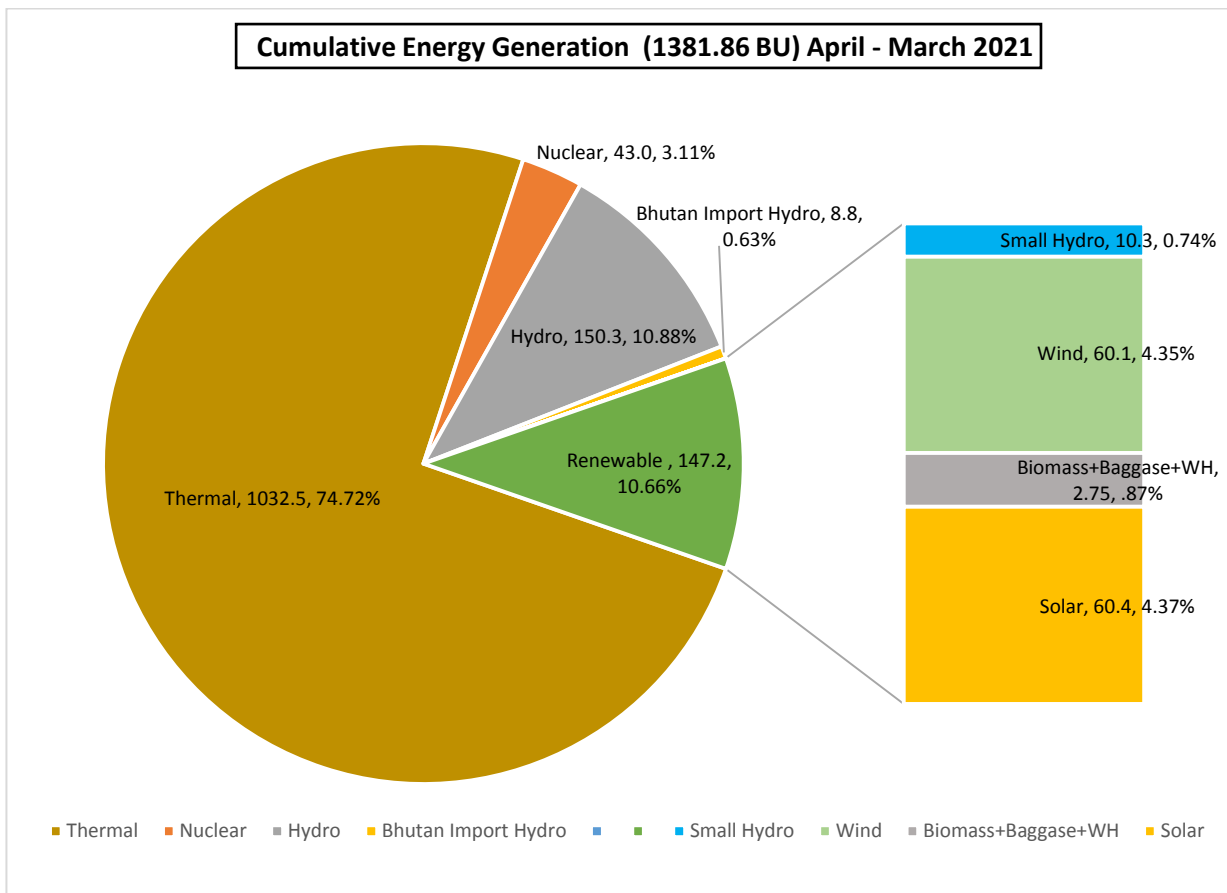


Figure 12 Cumulative Total Energy Generation in India and Share of RE (Apr-20 – March -21)

Table 2 State Wise Renewable Energy Generation

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

Table 3 State Wise Wind Power Generation

Wind Power Generation (State Wise) for the month of March 2021					
State	March'2020	March' 2021	April'2019- '2020	March	April'2020- 2021
Chandigarh	0.00	0.00	0.00		0.00
Delhi	0.00	0.00	0.00		0.00
Haryana	0.00	0.00	0.00		0.00
Himachal Pradesh	0.00	0.00	0.00		0.00
J & K	0.00	0.00	0.00		0.00
Ladakh	0.00	0.00	0.00		0.00
Punjab	0.00	0.00	16.90		0.00
Rajasthan	443.60	486.81	6155.80		5708.24
Uttar Pradesh	0.00	0.00	0.00		0.00
Uttarakhand	0.00	0.00	0.00		0.00
Northern Region	443.60	486.81	6172.70		5708.24
Chhattisgarh	0.00	0.00	0.00		0.00
Gujarat	1066.38	1000.05	13748.53		13058.12
Madhya Pradesh	345.22	345.19	4425.99		3913.44
Maharashtra	394.21	315.61	7984.27		6384.56
Dadra and Nagar Haveli	0.00	0.00	0.00		0.00
Daman & Diu	0.00	0.00	0.00		0.00
Goa	0.00	0.00	0.00		0.00
Western Region	1805.81	1660.84	26158.79		23356.13
Andhra Pradesh	407.57	447.82	7626.63		6557.74
Telangana	15.47	16.20	238.25		220.64
Karnataka	417.65	532.01	10148.66		9610.89
Kerala	4.15	5.35	119.76		130.41
Tamil Nadu	311.36	382.83	14126.93		14564.91
Lakshadweep	0.00	0.00	0.00		0.00
Puducherry	0.00	0.00	0.00		0.00
Southern Region	1156.20	1384.20	32260.22		31084.59
Andaman Nicobar	0.00	0.00	0.00		0.00
Bihar	0.00	0.00	0.00		0.00
Jharkhand	0.00	0.00	0.00		0.00
Orissa	0.00	0.00	54.66		0.00
Sikkim	0.00	0.00	0.00		0.00
West Bengal	0.00	0.00	0.00		0.00
Eastern Region	0.00	0.00	54.66		0.00
Arunachal Pradesh	0.00	0.00	0.00		0.00
Assam	0.00	0.00	0.00		0.00
Manipur	0.00	0.00	0.00		0.00
Meghalaya	0.00	0.00	0.00		0.00
Mizoram	0.00	0.00	0.00		0.00
Nagaland	0.00	0.00	0.00		1.00
Tripura	0.00	0.00	0.00		0.00
North Eastern Region	0.00	0.00	0.00		1.00
All India Total	3405.61	3531.85	64646.37		60149.95

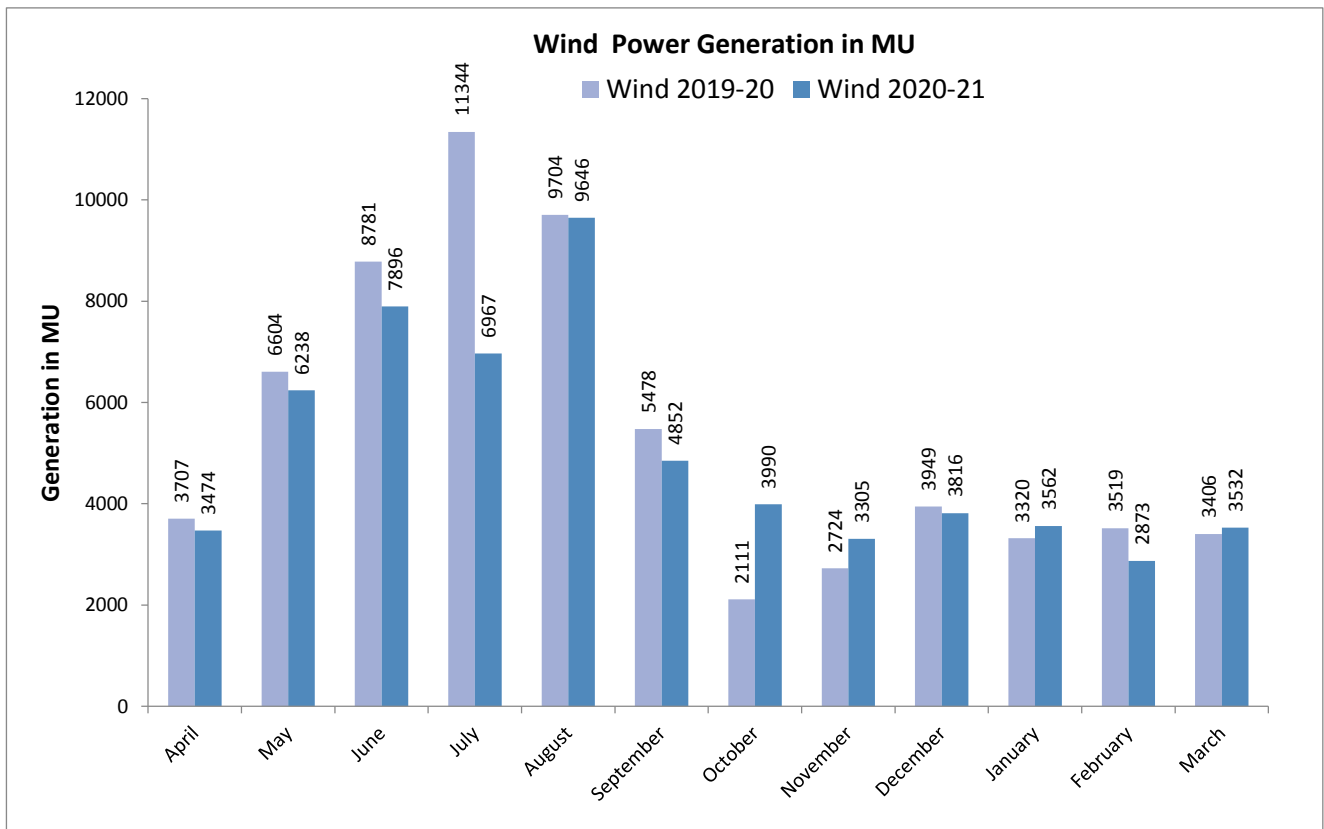


Figure 13 Monthly Wind Power Generation (2020-21 Up to March -21)

Table 4 State Wise Solar Power Generation

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

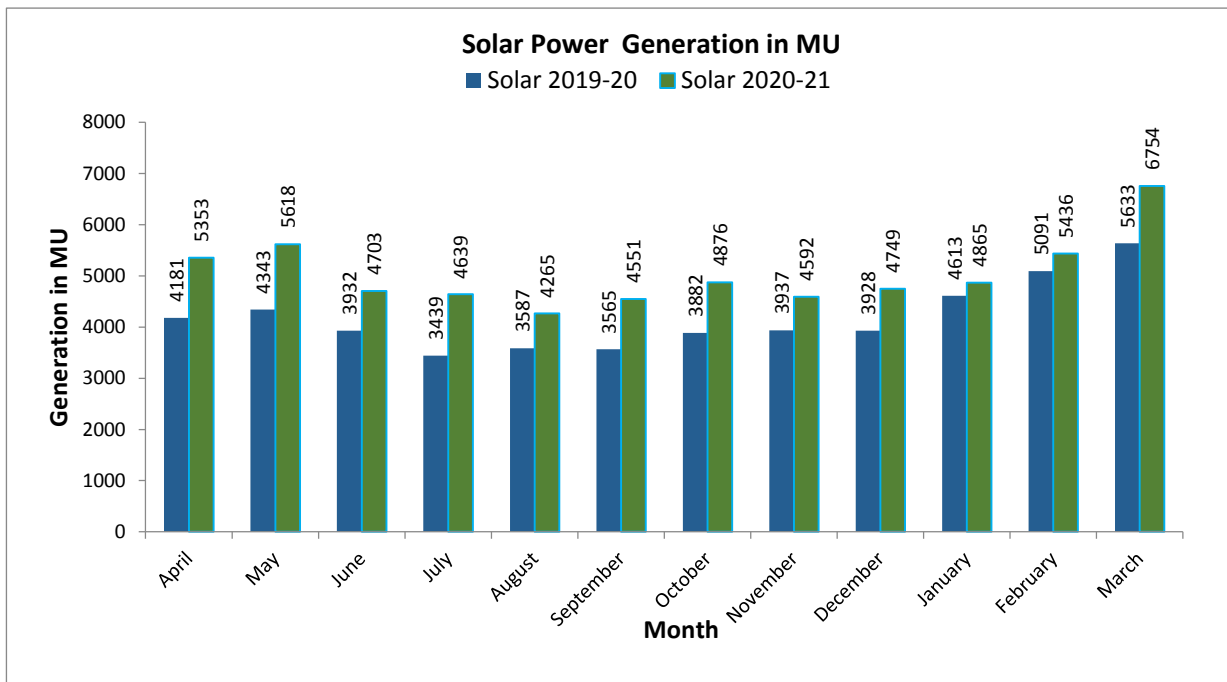


Figure 14 Monthly Solar Power Generation (2020-21 Up to March -21)

Table 5 State Wise Biomass Power Generation

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

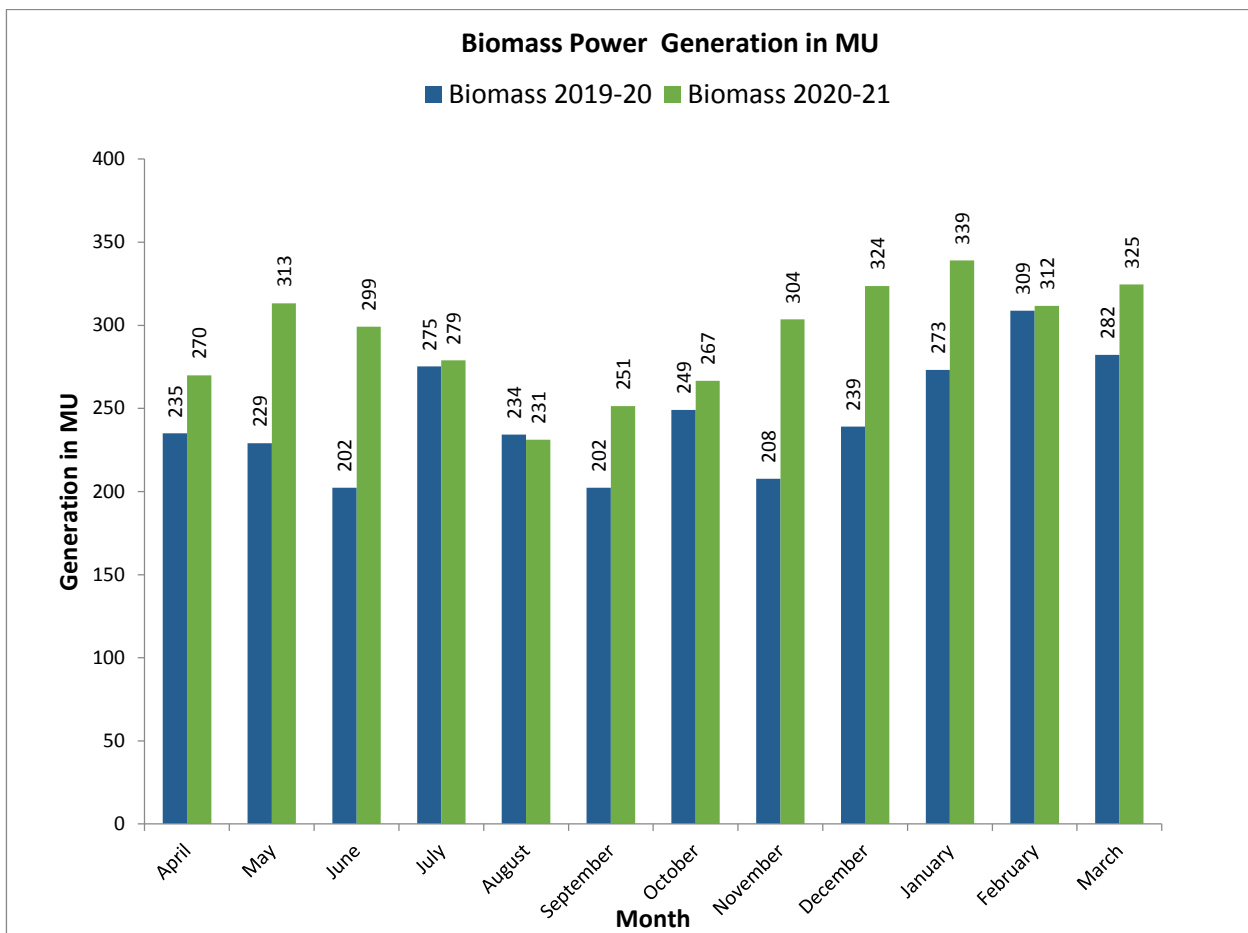


Figure 15 Monthly Biomass Power Generation (2020-21 Up to March -21)

Table 6 State Wise Bagasse Power Generation

Bagasse Energy Generation (State Wise) for the month of March 2021					
State	March'2020	March' 2021	April'2019- '2020	March	April'2020- 2021
Chandigarh	0.00	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00	0.00
Haryana	16.36	20.71	94.57	142.34	
Himachal Pradesh	0.00	0.00	0.00	0.00	
J & K	0.00	0.00	0.00	0.00	
Ladakh	0.00	0.00	0.00	0.00	
Punjab	30.63	42.00	252.84	231.50	
Rajasthan	0.00	0.00	0.00	0.00	
Uttar Pradesh	527.04	536.79	3530.11	3590.87	
Uttarakhand	19.37	20.26	110.26	85.33	
Northern Region	593.40	619.76	3987.78	4050.03	
Chhattisgarh	0.00	6.37	0.00	28.25	
Gujarat	2.21	1.20	15.95	19.37	
Madhya Pradesh	15.06	19.72	95.66	82.57	
Maharashtra	359.47	540.02	2520.45	3627.43	
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	
Daman & Diu	0.00	0.00	0.00	0.00	
Goa	0.00	0.00	0.00	0.00	
Western Region	376.75	567.30	2632.06	3757.61	
Andhra Pradesh	11.04	9.91	58.49	67.66	
Telangana	8.21	10.02	102.23	61.00	
Karnataka	169.66	227.37	2205.38	2589.09	
Kerala	0.00	4.36	11.03	45.68	
Tamil Nadu	18.30	93.66	350.80	581.57	
Lakshadweep	0.00	0.00	0.00	0.00	
Puducherry	0.00	0.00	0.00	0.00	
Southern Region	207.21	345.32	2727.94	3344.99	
Andaman Nicobar	0.00	0.00	0.00	0.00	
Bihar	23.30	0.00	160.35	1.48	
Jharkhand	0.00	0.00	0.00	0.00	
Orissa	0.00	0.00	0.00	0.00	
Sikkim	0.00	0.00	0.00	0.00	
West Bengal	119.31	0.00	1295.07	148.73	
Eastern Region	142.61	0.00	1456.69	150.21	
Arunachal Pradesh	0.00	0.00	0.00	0.00	
Assam	0.00	0.00	0.00	0.00	
Manipur	0.00	0.00	0.00	0.00	
Meghalaya	0.00	0.00	0.00	0.00	
Mizoram	0.00	0.00	0.00	0.00	
Nagaland	0.00	0.00	0.00	0.00	
Tripura	0.00	0.00	0.00	0.00	
North Eastern Region	0.00	0.00	0.00	0.00	
All India Total	1319.96	1532.39	10804.46	11302.85	

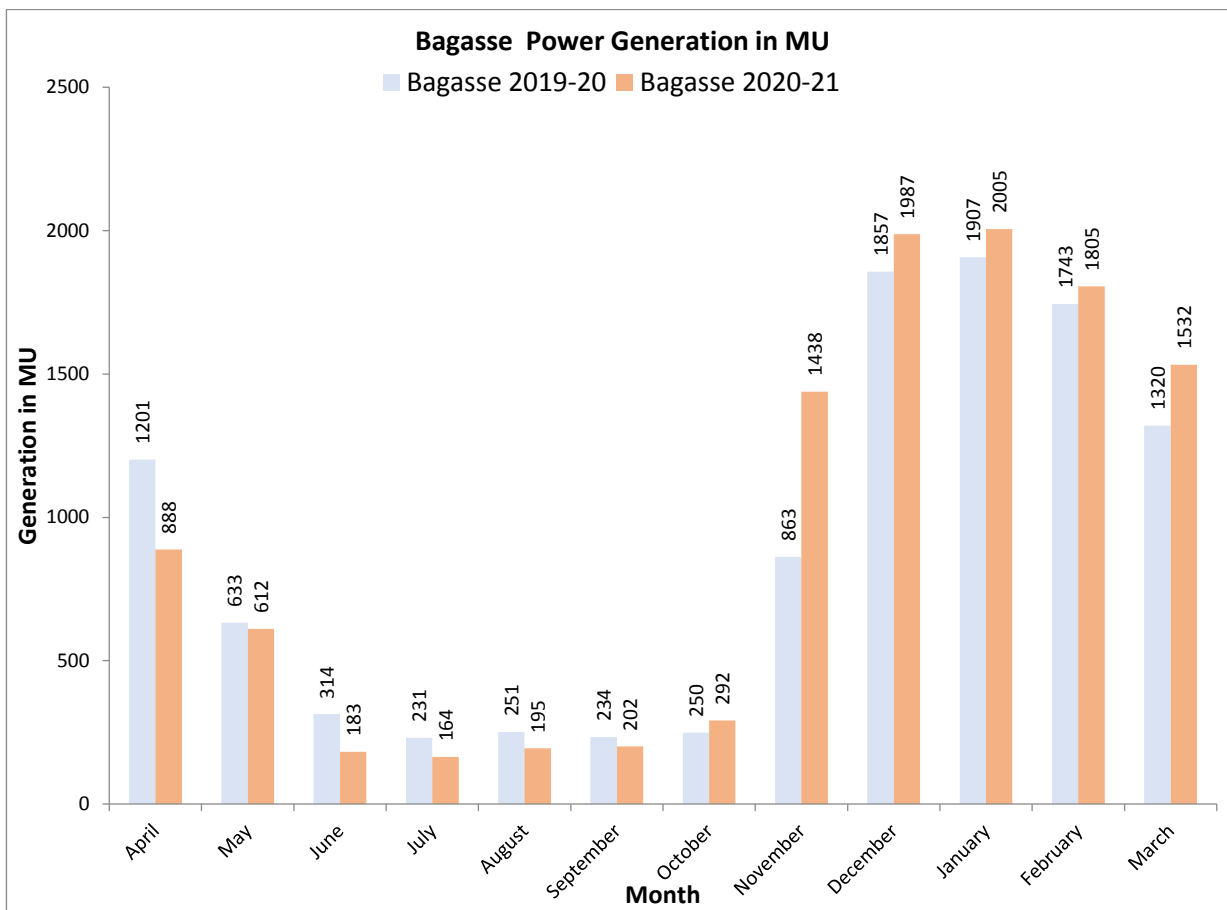


Figure 16 Monthly Bagasse Power Generation (2020-21 Up to March -21)

Table 7 State Wise Small Hydro Generation

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

Small Hydro Power Generation in MU

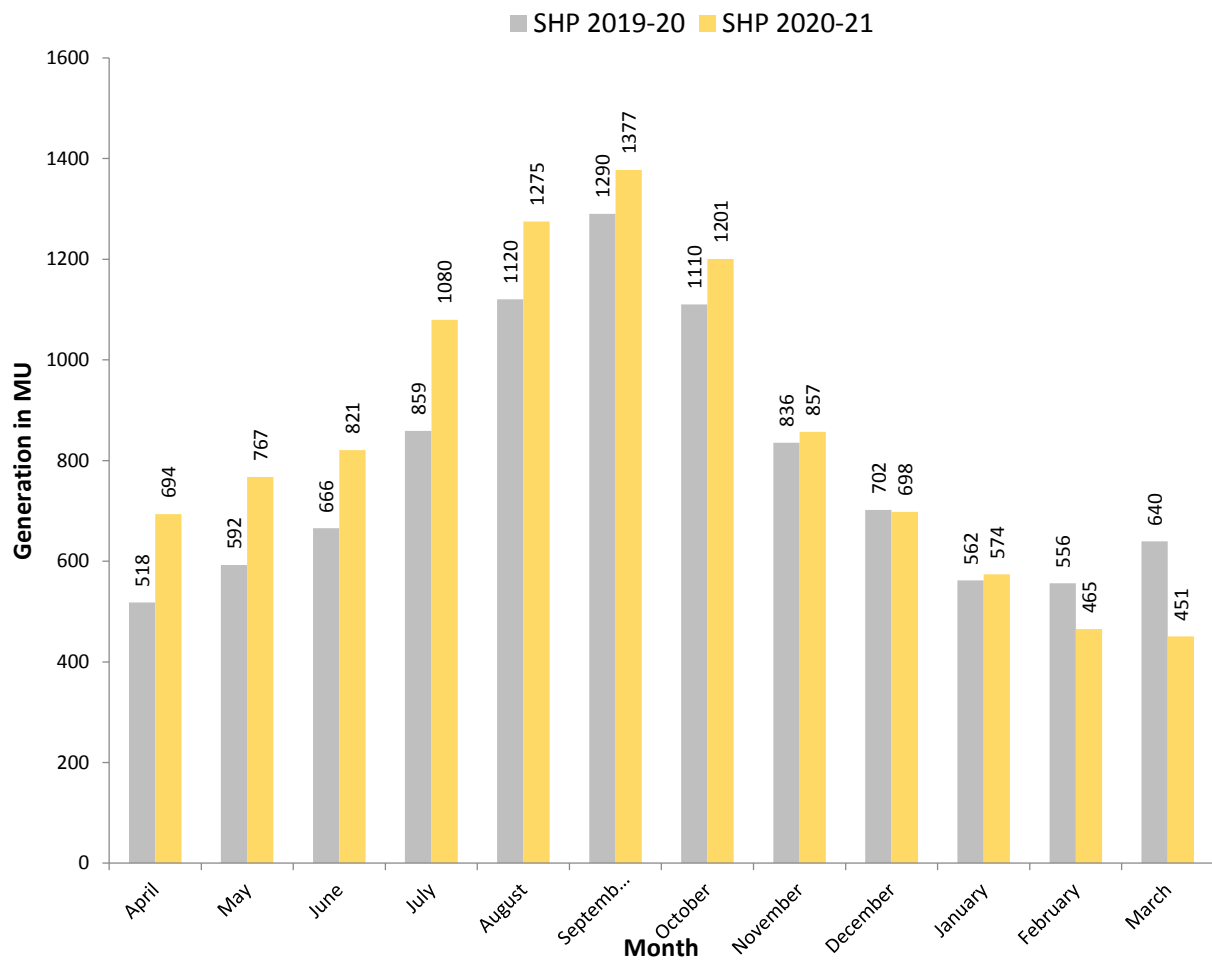


Figure 17 Monthly Small Hydro Power Generation (2020-21 Up to March -21)

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

Other RE sources Energy Generation (State Wise) for the month of March 2021				
State	March'2020	March' 2021	April'2019- March '2020	April'2020- March 2021
Chandigarh	0.00	0.00	0.00	0.00
Delhi	21.88	21.95	287.39	236.71
Haryana	0.00	0.00	0.00	0.00
Himachal Pradesh	0.00	0.00	0.00	0.00
J & K	0.00	0.00	0.00	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	0.02	0.06	0.32	0.17
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region	21.90	22.02	287.70	236.88
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	2.69	0.00	18.77	10.61
Madhya Pradesh	5.94	4.80	32.02	37.57
Maharashtra	0.04	0.03	0.84	0.10
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Goa	0.00	0.00	0.00	0.00
Western Region	8.67	4.84	51.63	48.27
Andhra Pradesh	0.53	9.89	7.31	65.88
Telangana	5.86	7.99	19.25	69.05
Karnataka	0.00	0.00	0.00	0.00
Kerala	0.00	0.00	0.00	0.01
Tamil Nadu	0.00	0.00	0.00	0.00
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region	6.39	17.89	26.56	134.93
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	0.00	0.00	0.00
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	130.79	0.00	1200.99
Eastern Region	0.00	130.79	0.00	1200.99
Arunachal Pradesh	0.00	0.00	0.00	0.00
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	0.00	0.00
All India Total	36.96	175.53	365.90	1621.06

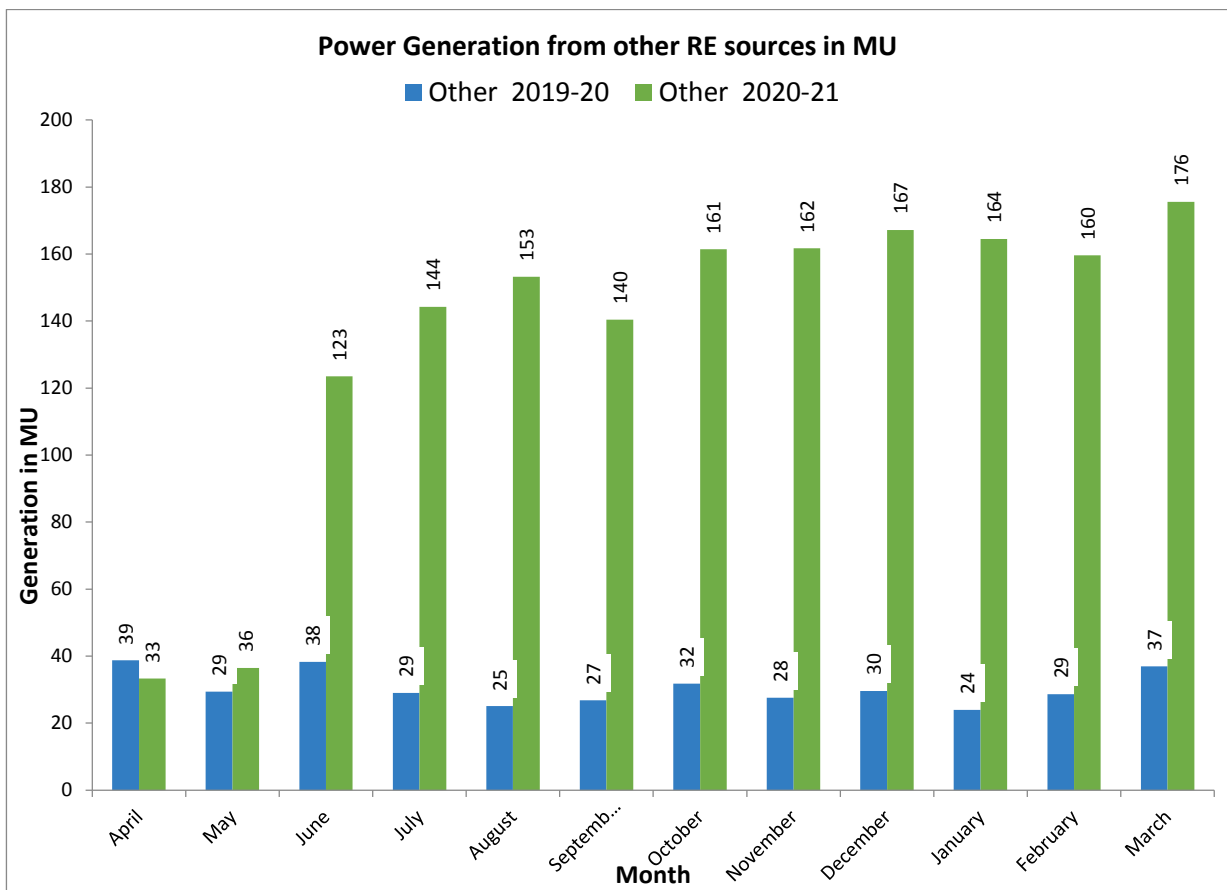


Figure 18 Monthly Other RE (Waste Heat etc) Power Generation (2020-21 Up to March-21)

Table 9: Renewable Energy Generation by ISGS Stations

Monthly RE generation from Inter State Generating Station (ISGS) for March 2021							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
AURAIYA	Uttar Pradesh	Central	NTPC	Solar	20	2.59	17%
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.63	17%
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	2.01	18%
UNCHAHAR SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	1.41	19%
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	11.31	30%
MAHOBA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	44.41	30%
AZURE FORTY THREE PVT LTD	Rajasthan	Private	IPP	Solar	300	62.33	34%
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	51.47	28%
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	39.76	27%
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	29.32	30%
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Rajasthan	Private	IPP	Solar	50	11.91	32%
CLEAN SOLAR POWER (BHADLA) PVT LDT	Rajasthan	Private	IPP	Solar	300	64.69	29%
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	10.96	29%
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	52.79	28%
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	44.66	30%
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	32.98	30%
Northern Region					2180	463.23	
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	47.29	25%
ARINSUN SOLAR (BARSITADESH)	Madhya Pradesh	Private	IPP	Solar	250	47.74	26%
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	51.51	28%
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	39.50	21%
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	50.47	23%
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	46.50	25%

Monthly RE generation from Inter State Generating Station (ISGS) for March 2021							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	43.45	19%
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	176.6	49.45	38%
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	26.20	14%
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	50.31	27%
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	41.64	19%
Western Region					2526.6	494.06	
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	30.55	16%
ORANGE	Tamil Nadu	Private	IPP	Wind	200	23.64	16%
MYTRA	Tamil Nadu	Private	IPP	Wind	187	17.61	13%
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	126.2	17.97	19%
Southern Region					763.2	89.77	
Total					5469.8	1047.06	

Table 10 Renewable Energy Generation by CPSU Owned stations

Renewable Energy Generation Data (CPSU Wise) for March 2021						
CPSU	State	Installed Capacity (MW)	Source	Actual Generation (MU)	Cumulative Generation (MU)	Monthly CUF (%)
				March 2021	April 2020 to March 2021	
NTPC						
NTPC Faridabad_Solar	Haryana	5	Solar	0.64	6.75	17.20
NTPC Bhadla	Rajasthan	260	Solar	38.52	440.42	19.91
NTPC Dadri_Solar	Uttar Pradesh	5	Solar	0.63	6.65	16.94
NTPC Unchahar _Solar	Uttar Pradesh	10	Solar	1.41	14.16	18.95
NTPC Singrauli _Solar	Uttar Pradesh	15	Solar	2.01	21.18	18.01
NTPC Auraiya	Uttar Pradesh	20	Solar	2.59	7.52	23.21
NTPC Singrauli _SH	Uttar Pradesh	8	Small Hydro	3.19	19.32	53.60
NTPC Rojmal	Gujarat	50	Wind	7.23	83.94	19.44
NTPC Rajgarh _Solar	Madhya Pradesh	50	Solar	7.53	78.57	20.24
NTPC Mandsaur	Madhya Pradesh	250	Solar	38.61	401.42	20.76
NTPC Anantapuram	Andhra Pradesh	250	Solar	39.62	381.54	21.30
NTPC Ramagundam	Telangana	10	Solar	1.30	14.14	17.47
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.57	5.27	15.32
NTPC Talchar _Solar	Orissa	10	Solar	1.21	13.81	16.26
NTPC Solar_Bilhaur *	Uttar Pradesh	210	Solar	29.66	61.47	28.48
Total NTPC		1158		174.72	1556.16	
THDC						
THDC Patan Wind Power Project	Gujarat	50	Wind	5.68	75.59	15.27
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	9.09	136.36	19.39
THDC Solar Kasaragod	Kerala	50	Solar	5.65	17.35	15.19
THDCIL's premises at Rishikesh	Uttarakhand	0.5	Solar	0.09	0.46	24.19
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	1.77	72.24	9.91
Total THDC		187.5		22.28	302.00	
NHPC						
NHPC Wind Power Project	Rajasthan	50	Wind	6.30	55.41	16.94
NHPC Solar Power Project	Tamilnadu	50	Solar	8.54	75.66	22.96
Total NHPC		100		14.84	131.08	
ONGC						
ONGC Wind, Bhuj	Gujarat	51	Wind	2.15	62.77	5.67
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	9.83	118.71	12.95
ONGC Solar, Goa	Goa	1	Solar	0.15	1.49	20.41

Renewable Energy Generation Data (CPSU Wise) for March 2021

ONGC Solar, Hazira	Gujarat	10	Solar	1.69	15.35	22.70
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.69	7.66	18.52
ONGC Solar, Rajahmundry	Andhra Pradesh	1	Solar	0.12	1.19	16.31
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.13	0.87	15.41
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5	Solar	0.22	2.12	5.80
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.232	Solar	0.46	4.81	14.66
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	0.15	1.68	12.26
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.236	Solar	0.15	1.47	16.12
ONGC Solar, Agartala asset	Tripura	0.247	Solar	0.03	0.28	16.00
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.285	Solar	0.00	0.03	1.18
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.065	Solar	0.01	0.07	16.67
ONGC Solar, DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00
Total ONGC		184		15.77	218.50	
SJVN Limited						
Khirvire Wind Power	Maharashtra	47.6	Wind	2.10	48.26	5.93
Sadla Wind Power	Gujarat	50	Solar	6.10	73.75	16.39
Charanka Solar Power	Gujarat	5.6	Solar	0.93	7.22	22.39
Total SJVN		103.2		9.13	129.23	
Oil India Ltd						
Oil India Ltd	Rajasthan	14	Solar	2.17	24.96	20.87
Oil India Ltd	Rajasthan	67.6	Wind	6.45	65.97	12.82
Oil India Ltd	Gujarat	43.3	Wind	6.43	91.27	19.95
Oil India Ltd	Madhya Pradesh	63.2	Wind	11.65	114.43	24.77
Total Oil India Ltd		188.1		26.69	296.63	
NEEPCO						
NEEPCO	Tripura	5	Solar	0.50	5.33	13.43
DVC						
DVC	West Bengal	0.078	Solar	0.01	0.04	14.30
DVC	Jharkhand	4	Small Hydro	0.27	9.30	9.22
DVC	West Bengal	0.078	Solar	0.28	9.34	
All India Total		1929.88		264.22	2648.27	

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 March 2021

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

Table 11 RE Curtailment Data as available from SLDCs

Renewable Energy Curtailment for the month of March -2021			
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://kptclsldc.com/recurtail.aspx
5.	Maharashtra	-	No information is available on website.
6.	Gujarat	-	No information is available on website.
7.	Rajasthan	—	SLDC, RRVPNL Website- https://sldc.rajasthan.gov.in/mis/monthlyReDsmReports
8.	Madhya Pradesh	—	SLDC, MP Power Transmission Corporation Ltd.- http://223.31.122.117/mpslhc/RE_DATA

*Curtailment details of Andhra Pradesh as issued by APTRANSCO 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
20-03-2021	41	10:00:00	300	300	1790	curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
20-03-2021	41	10:00:00	50	50	1790	curtailed to maintain grid security as per IEGC regulation (At Distributed Solar in percentage)
20-03-2021	41	10:00:00	100	100	1790	curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
20-03-2021	41	10:00:00	100	100	1790	curtailed to maintain grid security as per IEGC regulation (At Talarichruvu SS)
20-03-2021	42	10:17:00	-100	200	1438	Released to maintain grid security as per IEGC regulation (At Ghani SS)
20-03-2021	42	10:23:00	-50	50	1464	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
20-03-2021	42	10:23:00	-50	50	1464	Released to maintain grid security as per IEGC regulation (At Talarichruvu SS)
20-03-2021	43	10:30:00	-100	100	1574	Released to maintain grid security as per IEGC regulation (At Ghani SS)
20-03-2021	44	10:50:00	-50	0	1742	Released to maintain grid security as per IEGC regulation (At Distributed Solar in percentage)
20-03-2021	44	10:50:00	-50	0	1742	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
20-03-2021	44	10:50:00	-50	0	1742	Released to maintain grid security as per IEGC regulation (At Talarichruvu SS)
20-03-2021	44	10:50:00	-100	0	1742	Released to maintain grid security as per IEGC regulation (At Ghani SS)

Wind Power curtailment of Andhra Pradesh as given below:

Date	Block No	Time	Wind curtailment (MW)	Total Wind Curtailment (MW)	Wind generation (MW)	Reasons for Backing down
03-03-2021	55	13:38:00	50	50	320	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
03-03-2021	55	13:38:00	40	40	969	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
03-03-2021	58	14:16:00	-20	20	800	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
03-03-2021	59	14:33:00	-20	0	945	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
03-03-2021	59	14:33:00	-50	0	272	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
04-03-2021	55	13:31:00	50	50	275	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
04-03-2021	55	13:31:00	50	50	961	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
04-03-2021	56	13:55:00	-50	0	704	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
04-03-2021	56	13:55:00	-50	0	270	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	15	03:44:00	50	50	375	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	15	03:44:00	40	40	1168	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	16	03:55:00	50	100	375	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	17	04:01:00	-20	20	1007	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	17	04:01:00	-50	50	365	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	17	04:09:00	-20	0	959	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	17	04:09:00	-50	0	370	Wind generators with temporary connectivity are 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
						percentage)
30-03-2021	35	08:43:00	50	50	533	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	35	08:43:00	30	30	1378	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	42	10:29:00	-50	0	457	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-03-2021	42	10:29:00	-30	0	938	Wind generators with permanent connectivity are released 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 March 2021				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Northern Region				
AURAIYA SOLAR	Solar	2.66	2.59	-0.07
ACME CHITTORGARH ENERGY PVT LTD	Solar	48.57	51.47	2.90
AZURE FORTY THREE PVT LTD	Solar	62.17	62.33	0.16
AZURE SOLAR	Solar	38.64	39.76	1.12
AZURE SOLAR THIRTY FOUR	Solar	27.17	29.32	2.15
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Solar	12.13	11.91	-0.22
CLEAN SOLAR POWER(BHADLA) PVT LTD.	Solar	63.48	64.69	1.21
DADRI SOLAR	Solar	0.58	0.63	0.05
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Solar	10.92	11.31	0.39
MAHOBASOLAR	Solar	46.23	44.41	-1.82
RENEW SOLAR	Solar	10.90	10.96	0.06
RENEW SOLAR POWER LTD PVT BIKANER	Solar	52.14	52.79	0.65
SB ENERGY	Solar	44.97	44.66	-0.31
SINGRAULI SOLAR	Solar	2.16	2.01	-0.15
TATA POWER RENEWABLE	Solar	33.40	32.98	-0.42
UNCHAHAHAR SOLAR	Solar	1.57	1.41	-0.16
Western Region				
ACME SOLAR (RAMNAGAR)	Solar	49.65	47.29	-2.36
ADANI GREEN ENERGY MP LTD	Wind	46.43	49.45	3.02
ALFANAR WIND	Wind	52.80	50.47	-2.33
ARINSUN SOLAR (BARSITADESH)	Solar	46.02	47.74	1.72
GREEN INFRA WIND ENERGY LIMITED SECI 2	Wind	48.76	46.50	-2.26
GREEN INFRA WIND ENERGY LIMITED SECI 3	Wind	45.50	43.45	-2.04
INOX WIND	Wind	25.54	26.20	0.66
MAHINDRA SOLAR (BADWAR)	Solar	48.69	51.51	2.82
OSTRO -KUTCH	Wind	53.21	50.31	-2.91
RENEW WIND ENERGY AP2	Wind	45.18	41.64	-3.54
RENEW POWER	Solar	42.97	39.50	-3.47
Southern Region				
BEETAM	Wind	18.52	17.97	-0.55
GIREL	Wind	34.68	30.55	-4.13
MYTRAH	Wind	24.35	17.61	-6.74
ORANGE	Wind	24.80	23.64	-1.16

+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(MU) for the Month of March 2021							
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	1.71	1.71	100.00
Delhi	0.00	515.09	0.00	0.00	37.11	552.20	6.72
Haryana	2181.93	138.22	0.00	0.00	76.46	2396.61	3.19
HP	0.00	0.00	0.00	1261.08	59.43	1320.51	100.00
J & K	0.00	0.00	0.00	1109.35	22.76	1132.11	100.00
Ladakh	0.00	0.00	0.00	15.13	0.00	15.13	100.00
Punjab	2008.45	0.00	0.00	195.03	240.77	2444.25	17.83
Rajasthan	4423.29	58.98	575.69	58.05	1505.72	6621.73	32.31
Uttar Pradesh	11382.87	46.10	319.85	76.24	813.95	12639.01	9.57
Uttarakhand	0.00	179.31	0.00	566.62	71.67	817.60	78.07
Northern Region	19996.54	937.70	895.54	3281.50	2829.58	27940.86	25.08
Chhattisgarh	12489.28	0.00	0.00	26.77	167.77	12683.82	1.53
Gujarat	6664.62	1083.03	334.73	319.57	1553.31	9955.26	22.18
Madhya Pradesh	11828.97	0.00	0.00	330.58	800.77	12960.32	8.73
Maharashtra	11747.46	656.61	515.74	606.38	1749.73	15275.92	18.80
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.74	0.74	100.00
Daman & Diu	0.00	0.00	0.00	0.00	5.70	5.70	100.00
Goa	0.00	0.00	0.00	0.00	0.15	0.15	100.00
Western Region	42730.33	1739.64	850.47	1283.30	4278.16	50881.90	12.60
Andhra Pradesh	5863.01	258.32	0.00	302.29	1306.58	7730.20	20.81
Telangana	4723.36	0.00	0.00	232.68	707.64	5663.68	16.60
Karnataka	3870.32	0.00	601.67	1150.74	2157.44	7780.17	50.25
Kerala	0.00	100.75	0.00	661.75	68.32	830.82	87.87
Tamil Nadu	5693.92	108.12	813.56	280.81	1160.43	8056.84	27.99
Lakshadweep	0.00	0.00	0.00	0.00	0.02	0.02	100.00
Puducherry	0.00	21.55	0.00	0.00	1.02	22.57	4.52
Southern Region	20150.61	488.74	1415.23	2628.27	5401.45	30084.30	31.39
Andaman Nicobar	8.29	0.00	0.00	0.00	3.43	11.72	29.29
Bihar	3938.36	0.00	0.00	0.00	13.69	3952.05	0.35
Jharkhand	2716.75	0.00	0.00	2.40	1.89	2721.04	0.16
Orissa	4842.38	0.00	0.00	448.01	77.91	5368.30	9.80
Sikkim	0.00	0.00	0.00	334.67	1.03	335.70	100.00
West Bengal	8318.69	0.00	0.00	149.57	144.64	8612.90	3.42
Eastern Region	19824.47	0.00	0.00	934.65	242.60	21001.72	5.61
Arunachal Pradesh	0.00	0.00	0.00	157.78	0.20	157.98	100.00
Assam	414.73	278.20	0.00	19.45	7.34	719.72	3.72
Manipur	0.00	0.00	0.00	12.70	0.46	13.16	100.00
Meghalaya	0.00	0.00	0.00	32.53	4.03	36.56	100.00
Mizoram	0.00	0.00	0.00	8.94	0.24	9.18	100.00

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of March 2021

State/UT	Fossil		Non Fossil				Non Fossil
Nagaland	0.00	0.00	0.00	15.77	3.15	18.92	100.00
Tripura	0.00	544.09	0.00	0.00	1.97	546.06	0.36
North Eastern Region	414.73	822.29	0.00	247.17	17.39	1501.58	17.62
All India Total	103116.68	3988.37	3161.24	8374.89	12769.16	131410.34	18.50

Table 14 Renewable Energy as % of Total Electricity Generated

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of March 2021							
State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Chandigarh	0.00	0.00	0.00	0.00	1.71	1.71	100.00
Delhi	0.00	515.09	0.00	0.00	37.11	552.20	6.72
Haryana	2181.93	138.22	0.00	0.00	76.46	2396.61	3.19
HP	0.00	0.00	0.00	1261.08	59.43	1320.51	4.50
J & K	0.00	0.00	0.00	1109.35	22.76	1132.11	2.01
Ladakh	0.00	0.00	0.00	15.13	0.00	15.13	0.00
Punjab	2008.45	0.00	0.00	195.03	240.77	2444.25	9.85
Rajasthan	4423.29	58.98	575.69	58.05	1505.72	6621.73	22.74
Uttar Pradesh	11382.87	46.10	319.85	76.24	813.95	12639.01	6.44
Uttarakhand	0.00	179.31	0.00	566.62	71.67	817.60	8.77
Northern Region	19996.54	937.70	895.54	3281.50	2829.58	27940.86	10.13
Chhattisgarh	12489.28	0.00	0.00	26.77	167.77	12683.82	1.32
Gujarat	6664.62	1083.03	334.73	319.57	1553.31	9955.26	15.60
Madhya Pradesh	11828.97	0.00	0.00	330.58	800.77	12960.32	6.18
Maharashtra	11747.46	656.61	515.74	606.38	1749.73	15275.92	11.45
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.74	0.74	100.00
Daman & Diu	0.00	0.00	0.00	0.00	5.70	5.70	100.00
Goa	0.00	0.00	0.00	0.00	0.15	0.15	100.00
Western Region	42730.33	1739.64	850.47	1283.30	4278.16	50881.90	8.41
Andhra Pradesh	5863.01	258.32	0.00	302.29	1306.58	7730.20	16.90
Telangana	4723.36	0.00	0.00	232.68	707.64	5663.68	12.49
Karnataka	3870.32	0.00	601.67	1150.74	2157.44	7780.17	27.73
Kerala	0.00	100.75	0.00	661.75	68.32	830.82	8.22
Tamil Nadu	5693.92	108.12	813.56	280.81	1160.43	8056.84	14.40
Lakshadweep	0.00	0.00	0.00	0.00	0.02	0.02	100.00
Puducherry	0.00	21.55	0.00	0.00	1.02	22.57	4.52
Southern Region	20150.61	488.74	1415.23	2628.27	5401.45	30084.30	17.95
Andaman Nicobar	8.29	0.00	0.00	0.00	3.43	11.72	29.29
Bihar	3938.36	0.00	0.00	0.00	13.69	3952.05	0.35
Jharkhand	2716.75	0.00	0.00	2.40	1.89	2721.04	0.07
Orissa	4842.38	0.00	0.00	448.01	77.91	5368.30	1.45
Sikkim	0.00	0.00	0.00	334.67	1.03	335.70	0.31
West Bengal	8318.69	0.00	0.00	149.57	144.64	8612.90	1.68
Eastern Region	19824.47	0.00	0.00	934.65	242.60	21001.72	1.16
Arunachal Pradesh	0.00	0.00	0.00	157.78	0.20	157.98	0.13
Assam	414.73	278.20	0.00	19.45	7.34	719.72	1.02
Manipur	0.00	0.00	0.00	12.70	0.46	13.16	3.52
Meghalaya	0.00	0.00	0.00	32.53	4.03	36.56	11.02

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of March 2021

State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Mizoram	0.00	0.00	0.00	8.94	0.24	9.18	2.64
Nagaland	0.00	0.00	0.00	15.77	3.15	18.92	16.63
Tripura	0.00	544.09	0.00	0.00	1.97	546.06	0.36
North Eastern Region	414.73	822.29	0.00	247.17	17.39	1501.58	1.16
All India Total	103116.68	3988.37	3161.24	8374.89	12769.16	131410.34	9.72

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
June ,2020	1.40	0.73	0.48	2.60
July ,2020	1.50	0.69	0.61	2.80
August ,2020	2.14	0.51	0.67	3.32
September ,2020	10.71	5.29	5.01	21.01
October ,2020	15.18	8.40	7.49	31.07
November 2020	14.32	7.36	6.91	28.59
December 2020	14.01	6.54	6.36	26.91
January 2021	13.82	6.53	6.36	26.71
February 2021	12.61	6.30	5.77	24.68
March 2021	14.73	7.54	6.89	29.16
All figures at Delhi PP in MUs				
DMRC : Delhi Metro Rail Corporation				

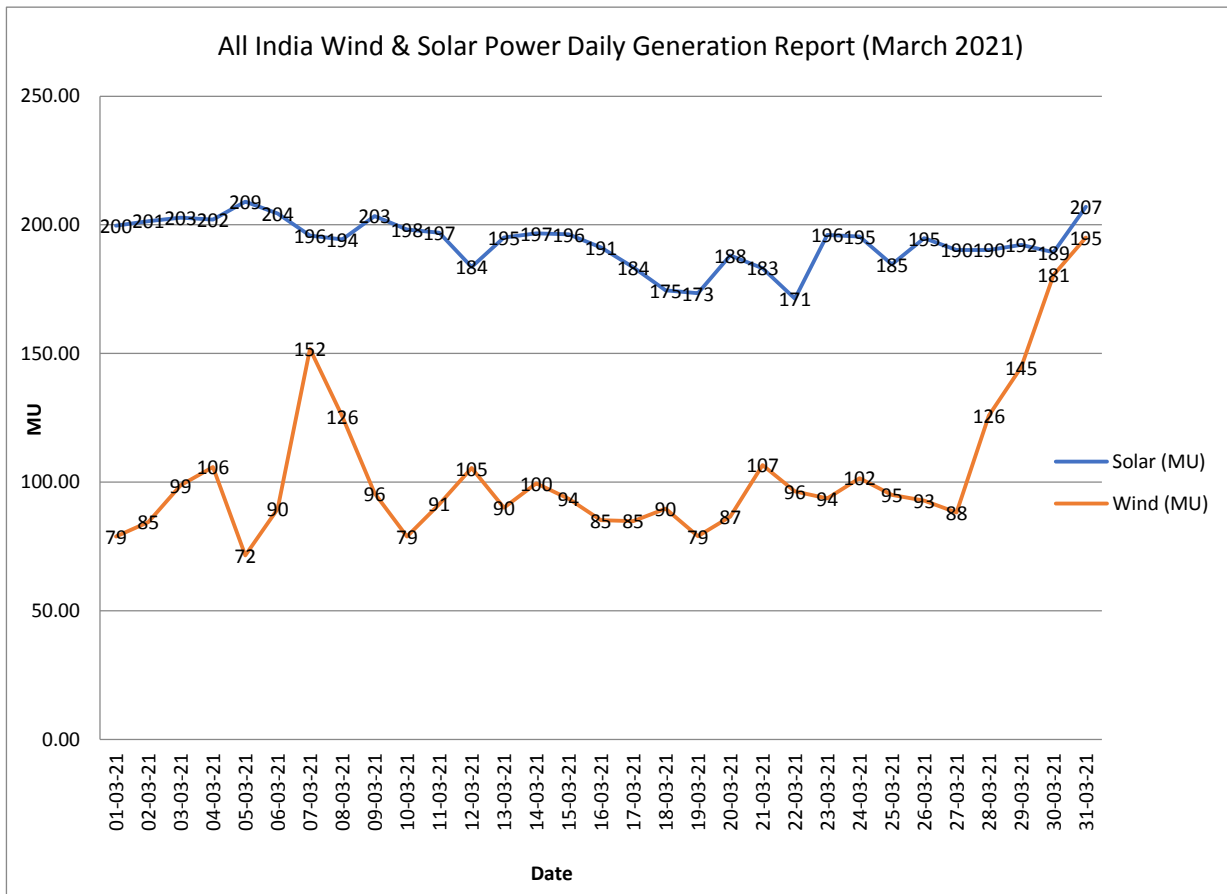


Figure 19 Daily Solar and wind Power Generation trend in the month of Mar-21



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