



भारत सरकार
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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SUMMARY OF REPORT FOR THE MONTH OF APRIL 2021

Decreased by 08.77% as compared to March 21.
Increased by 08.74 % as compared to April 20.

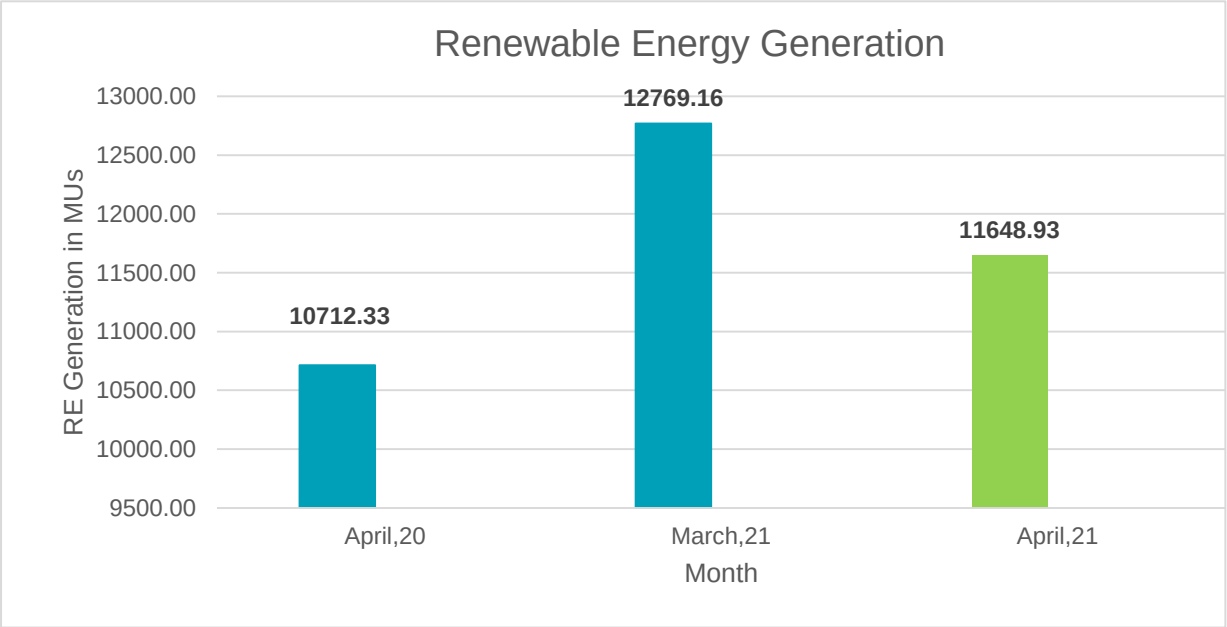


Figure 1: Renewable Energy Generation

Decreased by 60.44 % as compared to March 21.
Increased by 140.09 % as compared to April 20

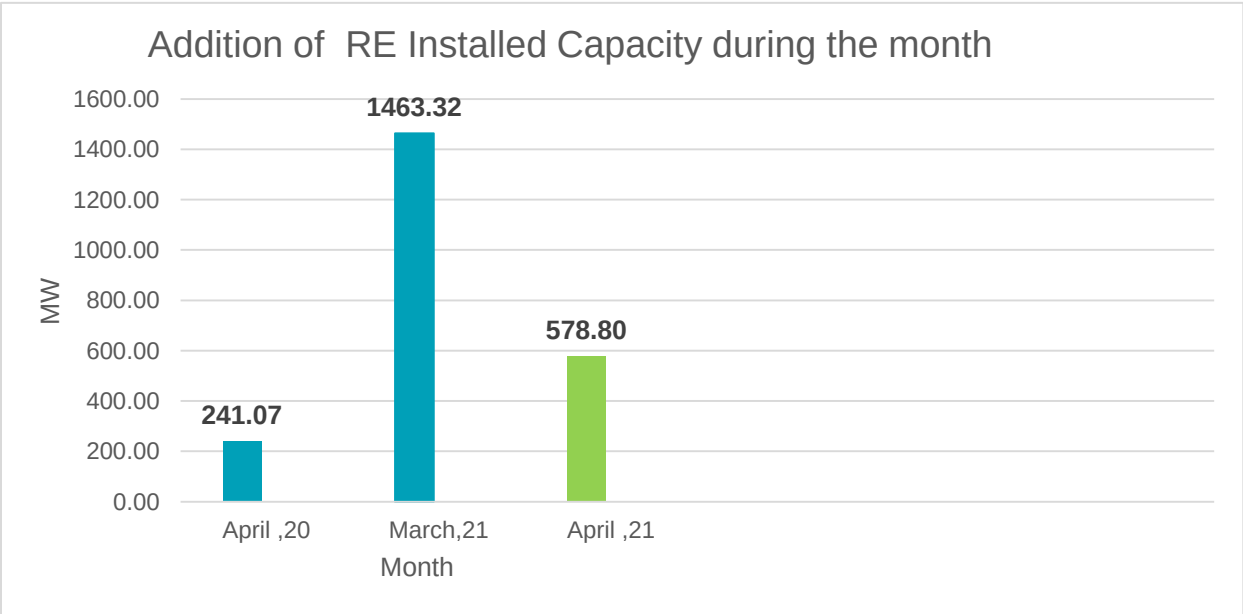


Figure 2 RE capacity added during the Month

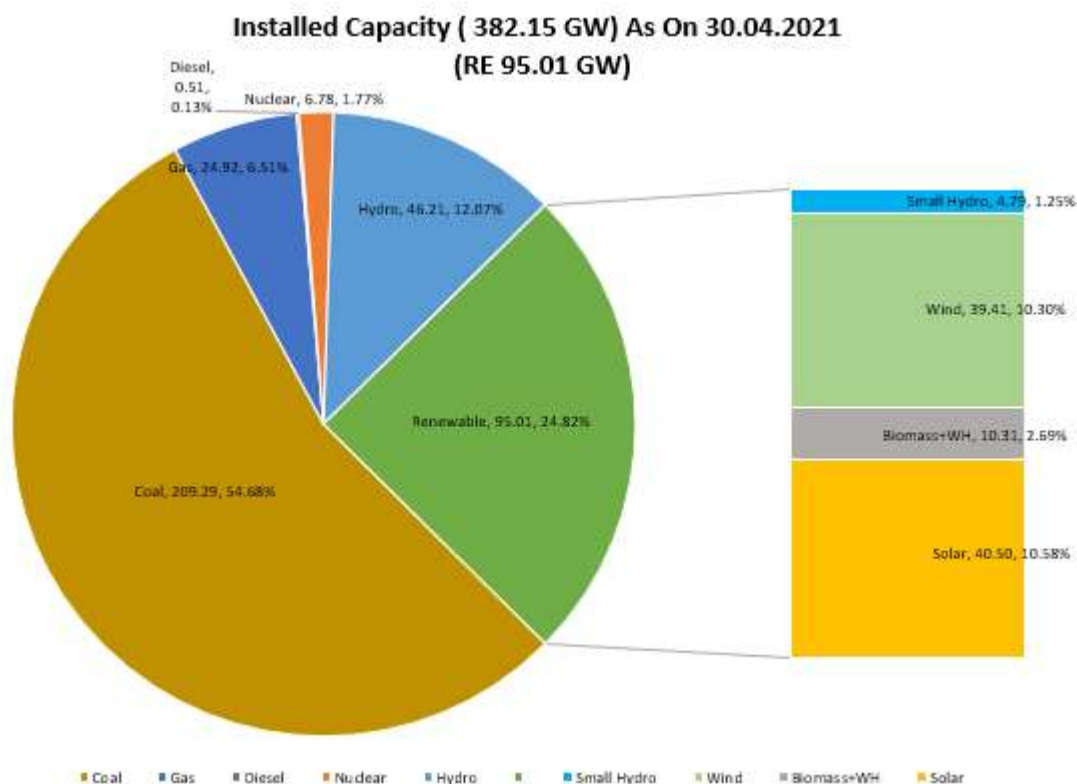


Figure 3 Installed Capacity in India as on 30.04.2021

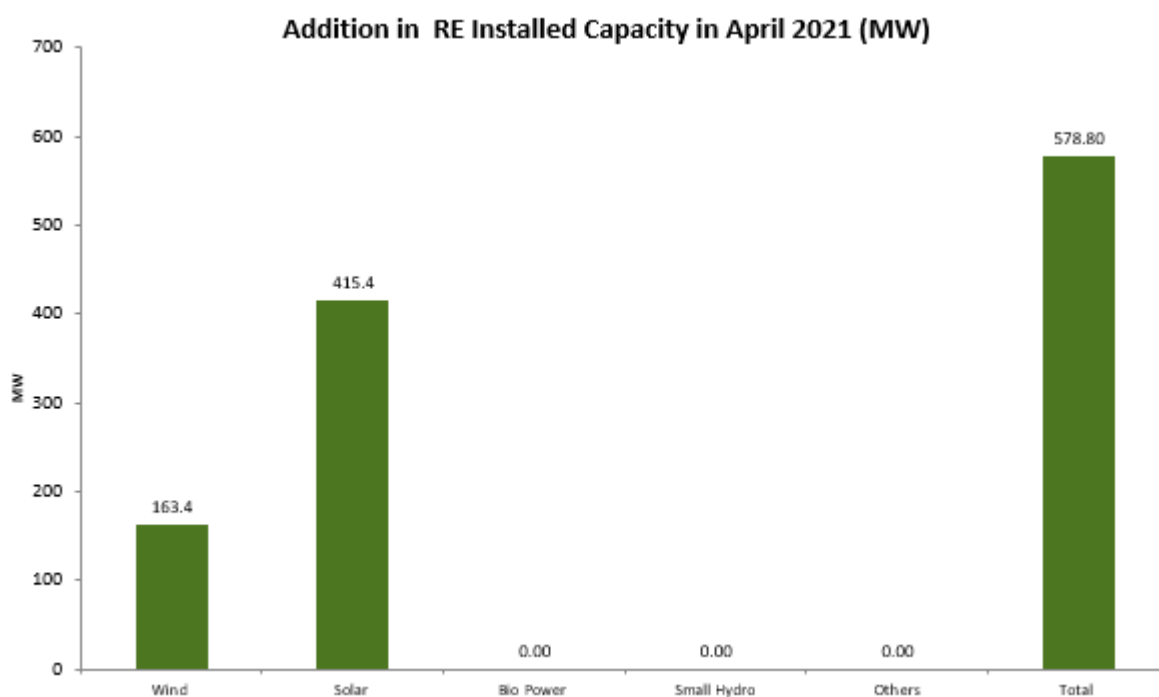


Figure 4: Source wise addition in RE Installed Capacity in April 21

HIGHLIGHTS OF RE GENERATION DURING APRIL 2021

1. RE generation, Increased by 08.74 % in April 2021 as compared to April 2020.
2. Wind Power generation during the month of April 2021 increased in Madhya Pradesh, Maharashtra, Karnataka, Tamil Nadu, and Decreased in Rajasthan, Gujarat and Andhra Pradesh as compared to April 2020.
3. Daily wind generation increased by 07.50 % as compared to April 2020 and increased by 09.25 % as compared to March 2021.
4. Solar Power generation during the month of April 2021 increased in Punjab, Uttar Pradesh, Rajasthan, Gujarat, Madhya Pradesh, Maharashtra, Andhra Pradesh, Kerala, Karnataka, Telangana, Tamil Nadu and Orissa as compared to April 2020.
5. Daily solar generation increased by 14.36 % as compared to April 2020 and decreased by 06.33% 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 30.04.2021 (as per MNRE)	RE Generation (MU) April' 2020	RE Generation (MU) April '2021	% of Last Year (2/3)	RE Generation (MU) April ' 2020	RE Generation (MU) April ' 2021	% of Last Year (5/6)
	1	2	3	4	5	6	7
Wind	39410.45	3473.86	3734.38	107.50	3473.86	3734.38	107.50
Solar	40500.77	5353.45	6122.18	114.36	5353.45	6122.18	114.36
Biomass	10145.92	269.97	288.92	107.02	269.97	288.92	107.02
Bagasse		888.17	884.08	99.54	888.17	884.08	99.54
Small Hydro	4786.81	693.60	440.02	63.44	693.60	440.02	63.44
Others	168.64	33.27	179.35	539.14	33.27	179.35	539.14
Total	95012.59	10712.33	11648.93	108.74	10712.33	11648.93	108.74

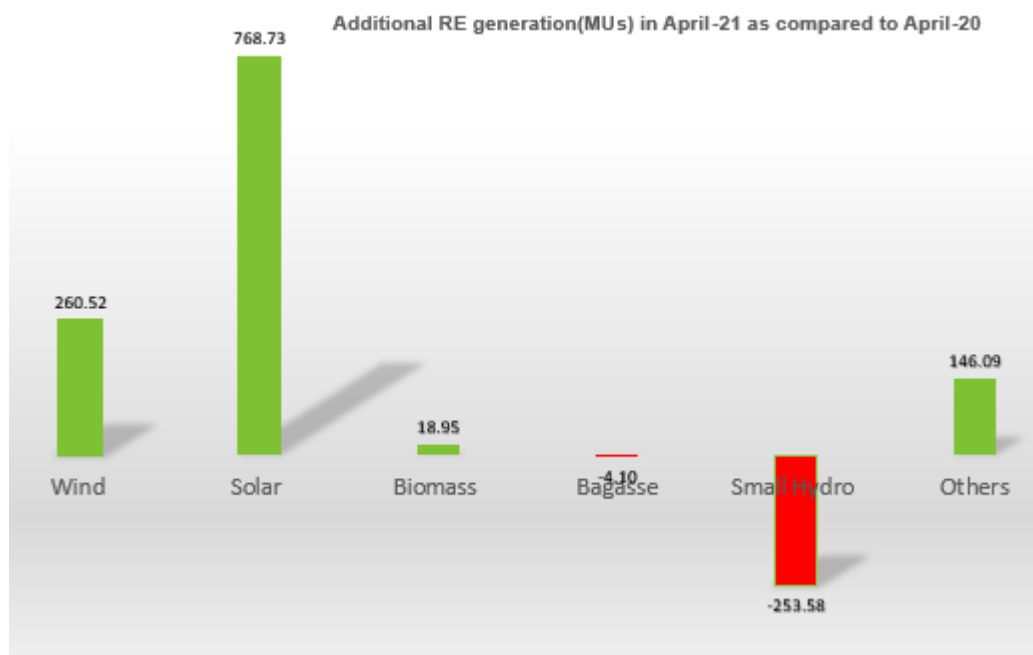


Figure 5: Additional RE Generation in April 21 compared to April 20

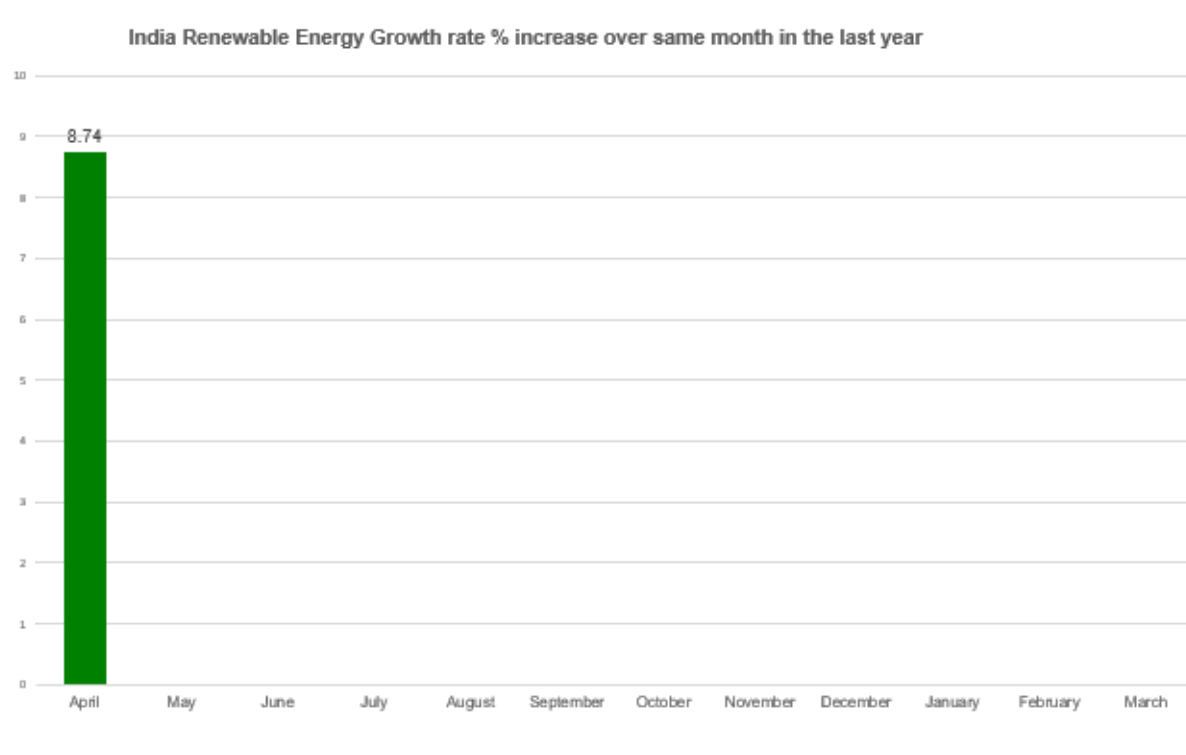


Figure 6: Month Wise Growth of RE Generation in 2021-22 w.r.t to 2020-21

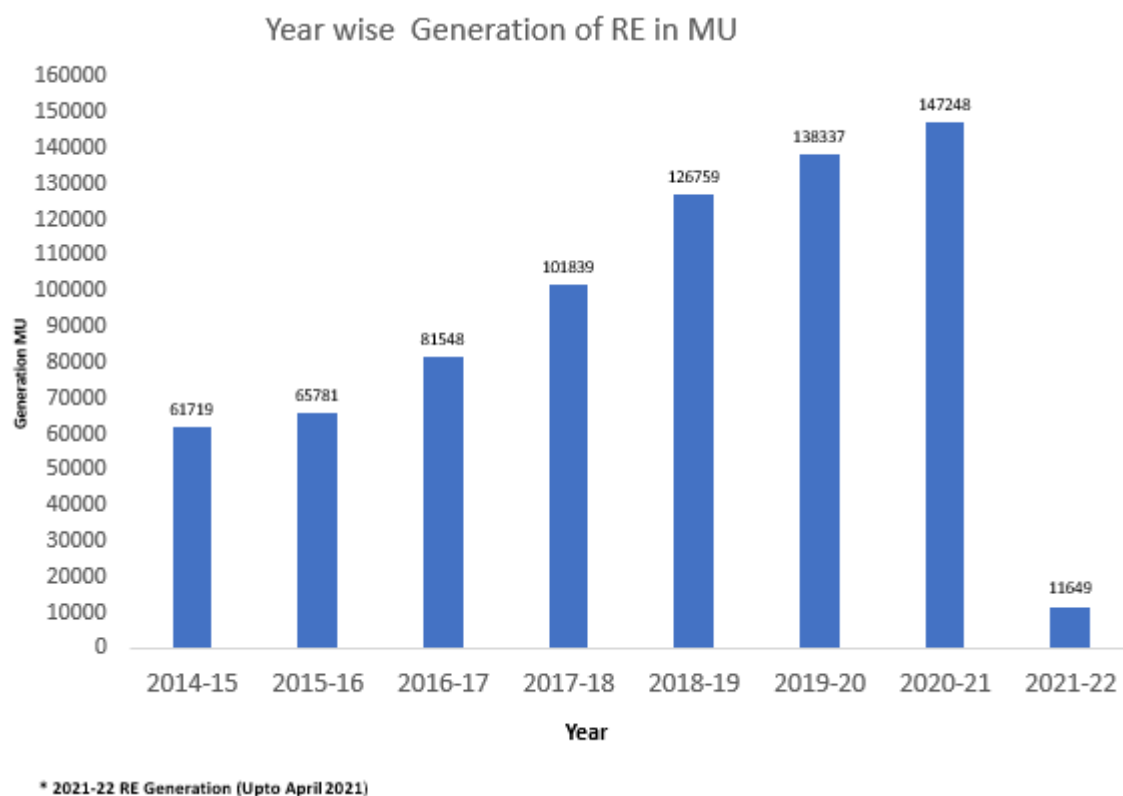


Figure 7: Year Wise RE Generation

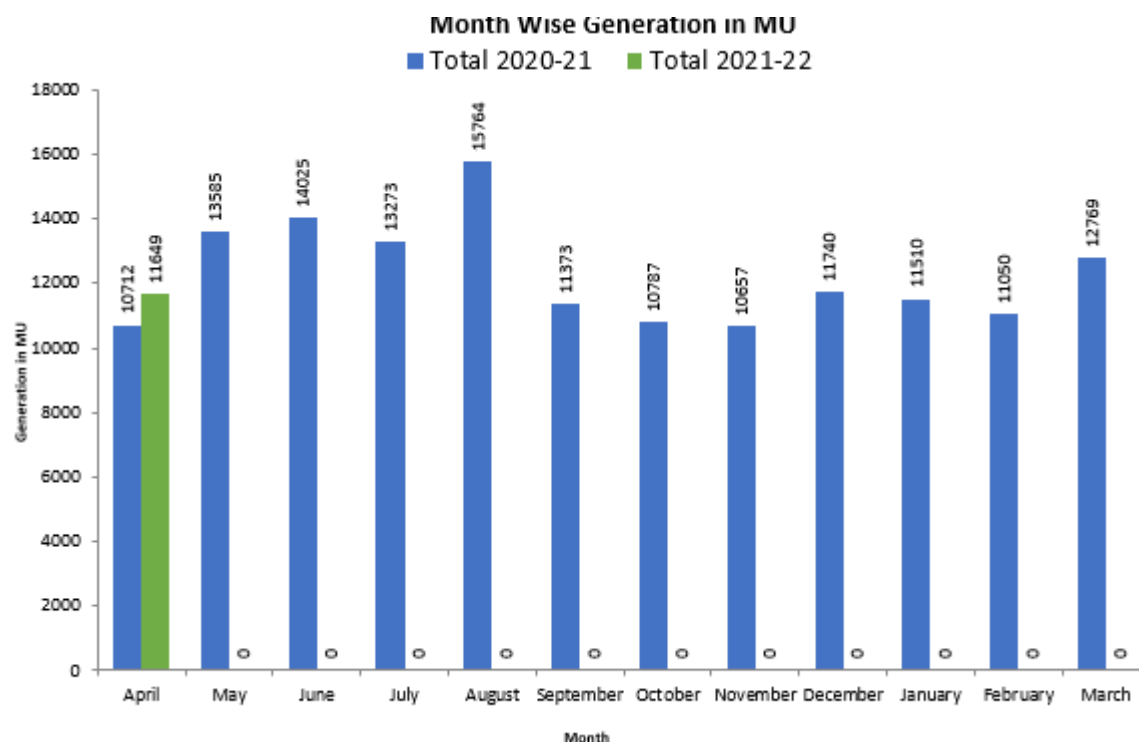


Figure 8: comparison of Month Wise RE Generation in year 2021-22 & in year 2020-21

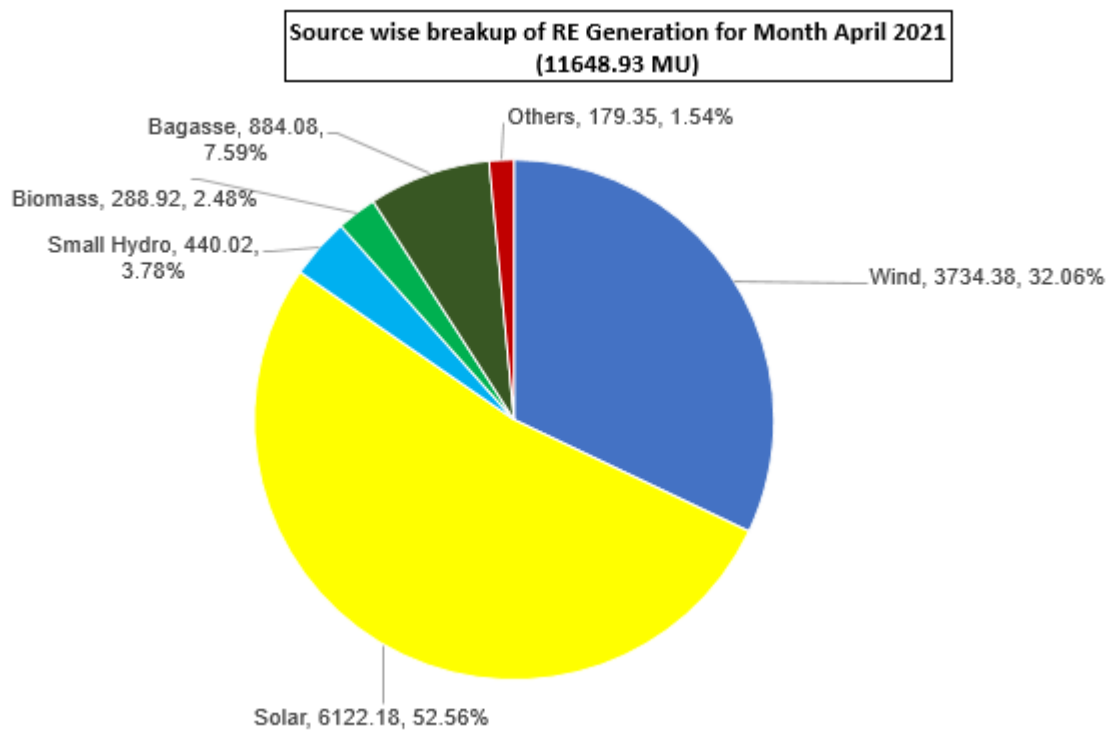


Figure 9: Source wise breakup of RE Generation in the month of April-21

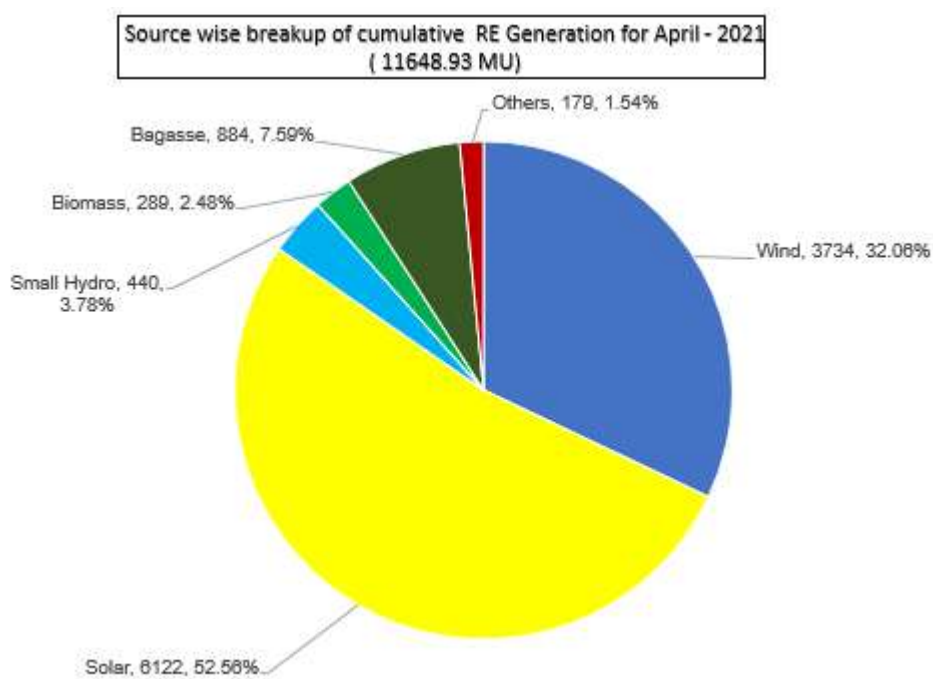


Figure 10: Source wise breakup of Cumulative RE Generation of April -21

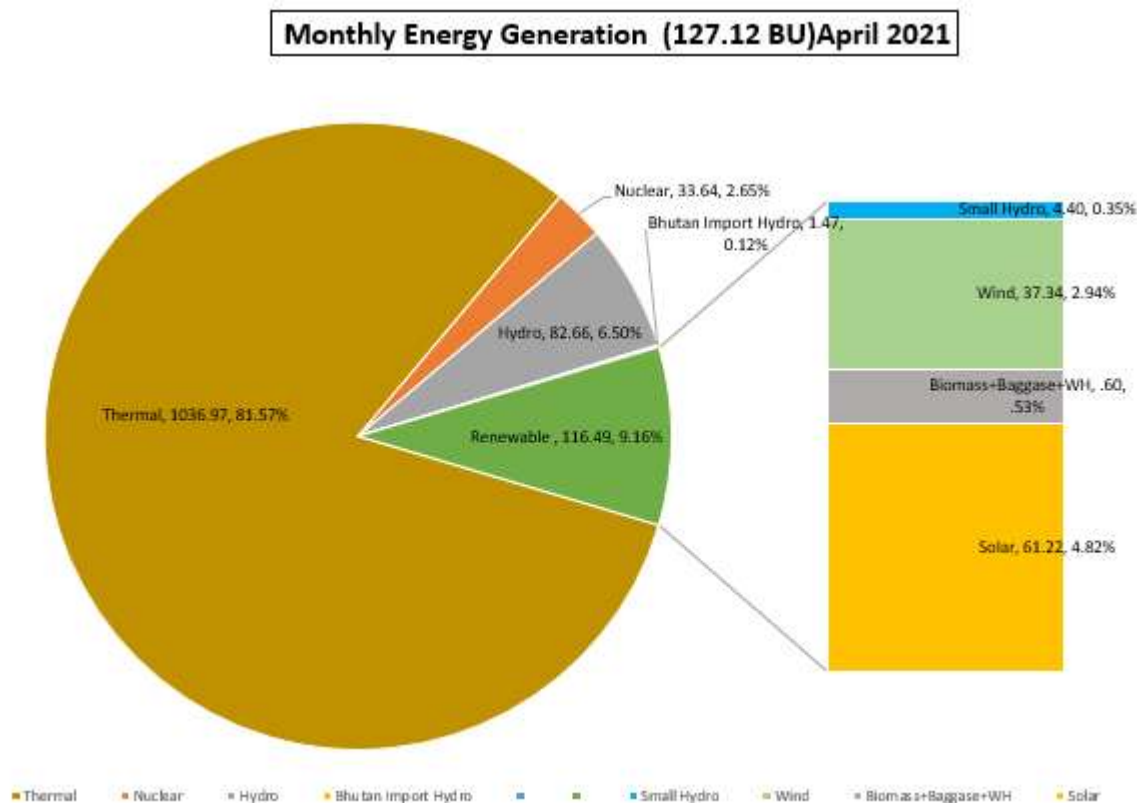


Figure 11: Total Energy Generation in India and Share of RE in the month of April-21

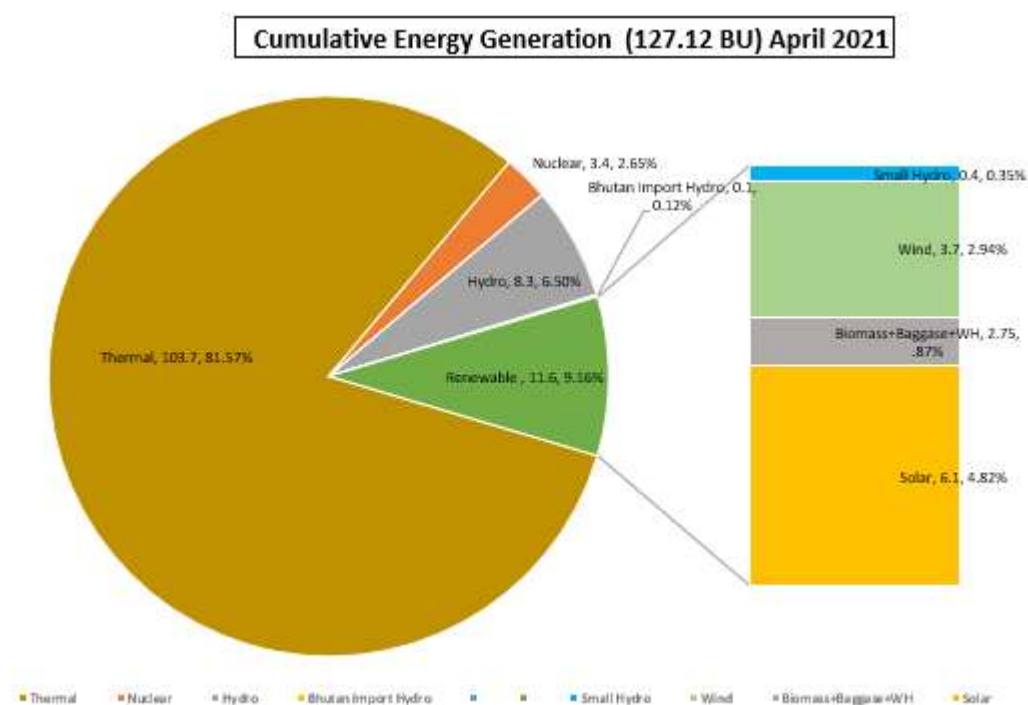


Figure 12: Cumulative Total Energy Generation in India and Share of RE in the month of April-21

Table 2 State Wise Renewable Energy Generation(MUs)

State	April 2020	April 2021
Chandigarh	2.67	1.71
Delhi	36.48	28.12
Haryana	77.37	78.55
Himachal Pradesh	240.35	90.69
J & K	51.31	30.91
Ladakh	0.00	0.00
Punjab	223.09	221.49
Rajasthan	1401.97	1526.66
Uttar Pradesh	709.48	668.81
Uttarakhand	123.57	71.67
Northern Region	2866.28	2718.61
Chhattisgarh	133.60	131.81
Gujarat	1525.13	1619.49
Madhya Pradesh	754.05	787.54
Maharashtra	957.87	1156.65
Dadra and Nagar Haveli	0.64	0.65
Daman & Diu	2.57	4.08
Goa	0.15	0.15
Western Region	3374.01	3700.36
Andhra Pradesh	1006.09	1149.06
Telangana	626.25	645.64
Karnataka	1755.99	1859.34
Kerala	55.89	93.19
Tamil Nadu	839.38	1219.57
Lakshadweep	0.06	0.03
Puducherry	0.37	1.02
Southern Region	4284.01	4967.84
Andaman Nicobar	1.16	2.88
Bihar	16.96	13.69
Jharkhand	1.44	1.89
Orissa	64.17	75.12
Sikkim	2.14	1.03
West Bengal	86.77	150.01
Eastern Region	172.65	244.61
Arunachal Pradesh	0.22	0.20
Assam	2.95	7.47
Manipur	0.43	0.46
Meghalaya	3.03	4.03
Mizoram	2.32	0.24
Nagaland	4.02	3.15
Tripura	2.41	1.96
North Eastern Region	15.38	17.50
All India Total	10712.33	11648.93

Table 3 State Wise Wind Power Generation (MUs)

State	April '2020	April 2021
Chandigarh	0.00	0.00
Delhi	0.00	0.00
Haryana	0.00	0.00
Himachal Pradesh	0.00	0.00
J & K	0.00	0.00
Ladakh	0.00	0.00
Punjab	0.00	0.00
Rajasthan	467.33	460.61
Uttar Pradesh	0.00	0.00
Uttarakhand	0.00	0.00
Northern Region	467.33	460.61
Chhattisgarh	0.00	0.00
Gujarat	1087.46	1079.20
Madhya Pradesh	347.63	364.58
Maharashtra	418.95	424.19
Dadra and Nagar Haveli	0.00	0.00
Daman & Diu	0.00	0.00
Goa	0.00	0.00
Western Region	1854.04	1867.96
Andhra Pradesh	383.76	362.88
Telangana	13.93	11.90
Karnataka	445.10	477.92
Kerala	4.16	6.89
Tamil Nadu	305.56	546.22
Lakshadweep	0.00	0.00
Puducherry	0.00	0.00
Southern Region	1152.50	1405.81
Andaman Nicobar	0.00	0.00
Bihar	0.00	0.00
Jharkhand	0.00	0.00
Orissa	0.00	0.00
Sikkim	0.00	0.00
West Bengal	0.00	0.00
Eastern Region	0.00	0.00
Arunachal Pradesh	0.00	0.00
Assam	0.00	0.00
Manipur	0.00	0.00
Meghalaya	0.00	0.00
Mizoram	0.00	0.00
Nagaland	0.00	0.00
Tripura	0.00	0.00
North Eastern Region	0.00	0.00
All India Total	3473.86	3734.38

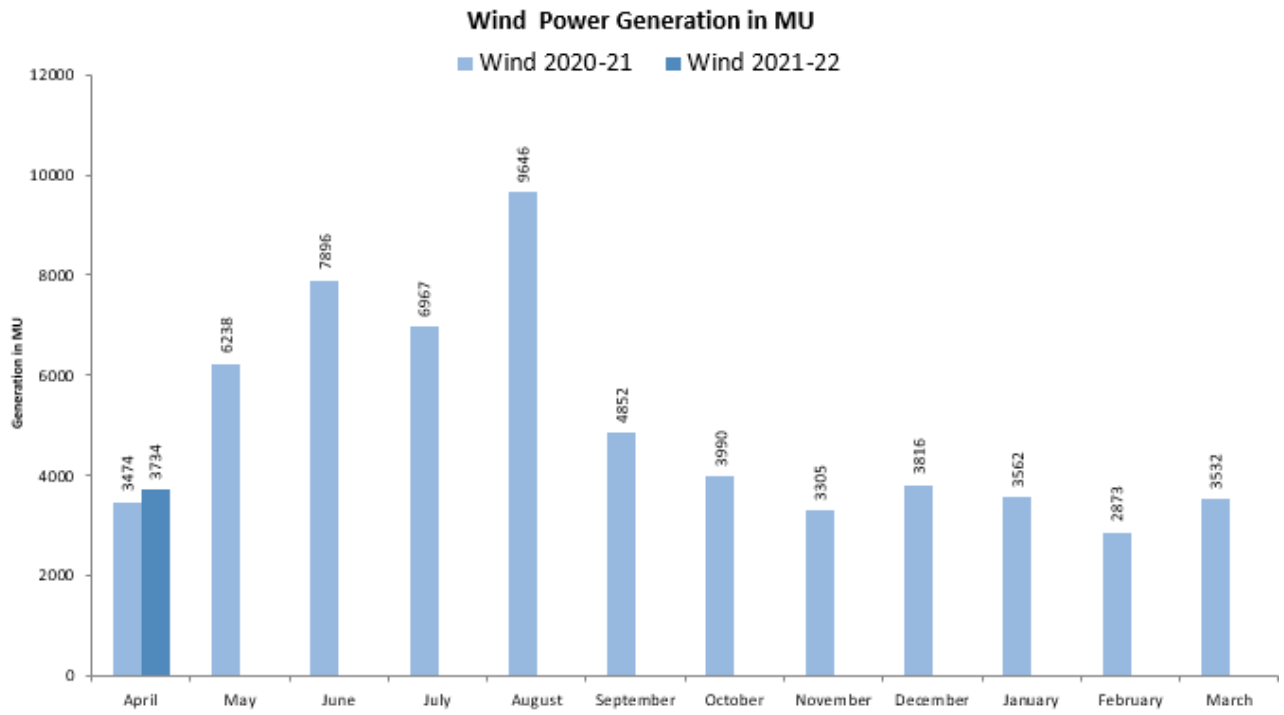


Figure 13: Monthly Wind Power Generation (2021-22 Up to Apr-21)

Table 4 State Wise Solar Power Generation(MUs)

State	April '2020	April 2021
Chandigarh	2.67	1.71
Delhi	14.60	15.16
Haryana	6.45	39.72
Himachal Pradesh	3.33	3.93
J & K	0.00	1.71
Ladakh	0.00	0.00
Punjab	137.98	144.27
Rajasthan	899.43	1031.09
Uttar Pradesh	154.69	267.46
Uttarakhand	36.63	24.63
Northern Region	1255.77	1529.67
Chhattisgarh	33.14	29.53
Gujarat	405.77	524.22
Madhya Pradesh	391.23	404.47
Maharashtra	246.55	284.61
Dadra and Nagar Haveli	0.64	0.65
Daman & Diu	2.57	3.59
Goa	0.15	0.15
Western Region	1080.05	1247.22
Andhra Pradesh	601.54	740.65
Telangana	590.56	602.24
Karnataka	1226.38	1279.47
Kerala	14.83	41.42
Tamil Nadu	516.29	591.63
Lakshadweep	0.06	0.03
Puducherry	0.37	1.02
Southern Region	2950.02	3256.46
Andaman Nicobar	0.86	2.49
Bihar	16.26	11.55
Jharkhand	1.44	1.62
Orissa	40.53	56.47
Sikkim	0.00	0.00
West Bengal	6.84	10.16
Eastern Region	65.94	82.29
Arunachal Pradesh	0.17	0.15
Assam	0.56	5.19
Manipur	0.43	0.46
Meghalaya	0.00	0.00
Mizoram	0.03	0.23
Nagaland	0.00	0.00
Tripura	0.47	0.52
North Eastern Region	1.66	6.55
All India Total	5353.45	6122.18

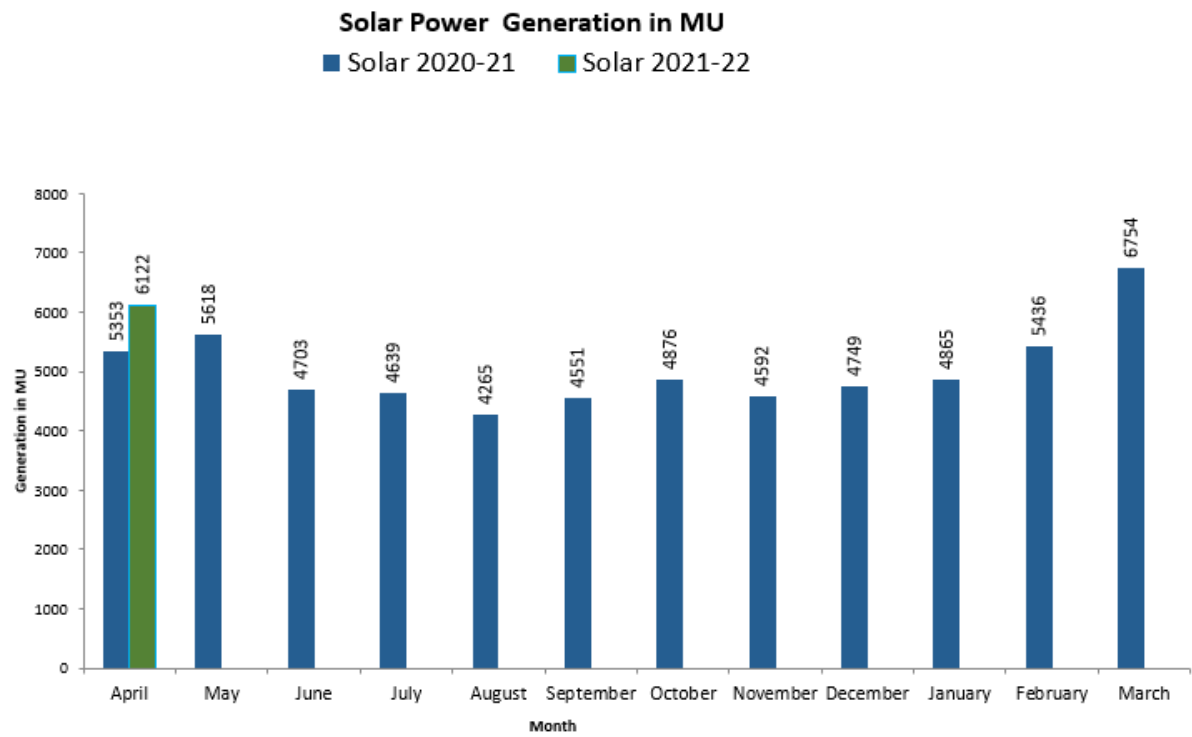


Figure 14: Monthly Solar Power Generation (2021-22 Up to Apr-21)

Table 5 State Wise Biomass Power Generation(MUs)

State	April '2020	April 2021
Chandigarh	0.00	0.00
Delhi	0.00	0.00
Haryana	13.87	13.25
Himachal Pradesh	0.00	0.00
J & K	0.00	0.00
Ladakh	0.00	0.00
Punjab	35.33	52.08
Rajasthan	35.15	34.94
Uttar Pradesh	25.38	8.42
Uttarakhand	0.00	0.00
Northern Region	109.72	108.70
Chhattisgarh	88.35	101.12
Gujarat	10.16	0.00
Madhya Pradesh	0.00	0.00
Maharashtra	19.96	26.73
Dadra and Nagar Haveli	0.00	0.00
Daman & Diu	0.00	0.48
Goa	0.00	0.00
Western Region	118.47	128.34
Andhra Pradesh	9.80	8.41
Telangana	15.30	9.89
Karnataka	10.05	18.28
Kerala	0.00	0.00
Tamil Nadu	2.73	6.32
Lakshadweep	0.00	0.00
Puducherry	0.00	0.00
Southern Region	37.88	42.91
Andaman Nicobar	0.00	0.00
Bihar	0.71	2.14
Jharkhand	0.00	0.00
Orissa	3.19	6.84
Sikkim	0.00	0.00
West Bengal	0.00	0.00
Eastern Region	3.90	8.97
Arunachal Pradesh	0.00	0.00
Assam	0.00	0.00
Manipur	0.00	0.00
Meghalaya	0.00	0.00
Mizoram	0.00	0.00
Nagaland	0.00	0.00
Tripura	0.00	0.00
North Eastern Region	0.00	0.00
All India Total	269.97	288.92

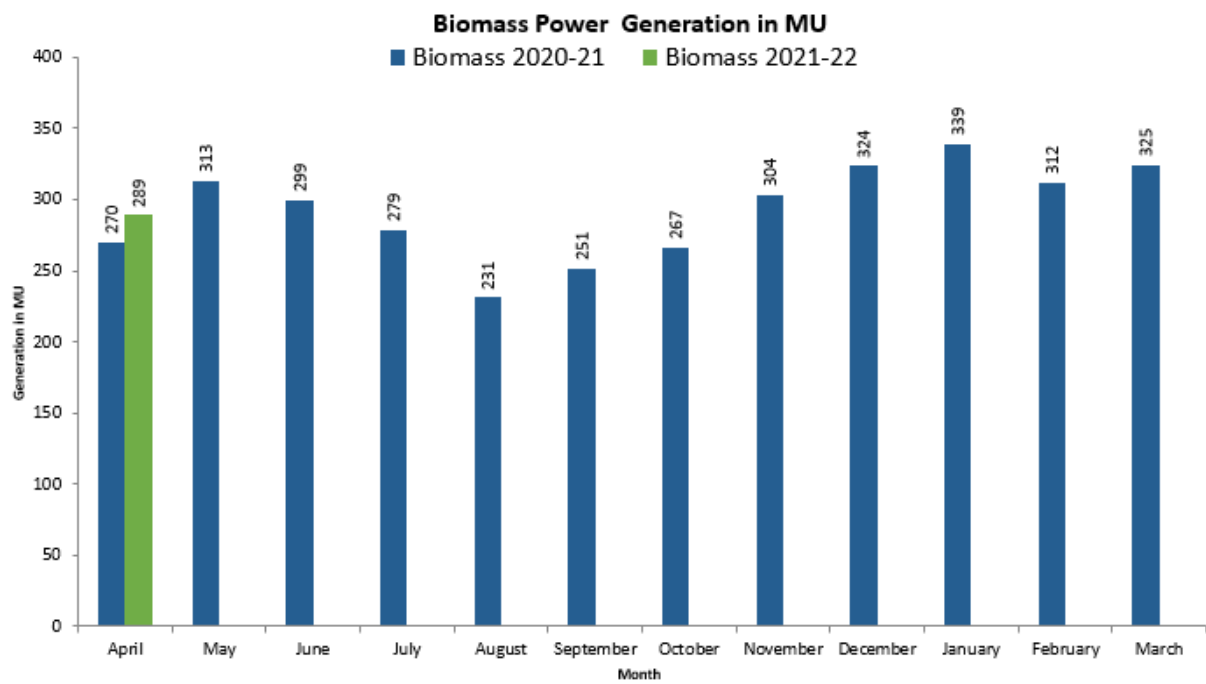


Figure 15 : Monthly Biomass Power Generation (2021-22 Up to Apr-21)

Table 6 State Wise Bagasse Power Generation(MUs)

State	April '2020	April 2021
Chandigarh	0.00	0.00
Delhi	0.00	0.00
Haryana	25.72	12.78
Himachal Pradesh	0.00	0.00
J & K	0.00	0.00
Ladakh	0.00	0.00
Punjab	4.40	12.15
Rajasthan	0.00	0.00
Uttar Pradesh	527.04	387.21
Uttarakhand	19.56	20.26
Northern Region	576.72	432.40
Chhattisgarh	3.23	0.00
Gujarat	2.21	1.78
Madhya Pradesh	0.00	2.86
Maharashtra	187.22	331.84
Dadra and Nagar Haveli	0.00	0.00
Daman & Diu	0.00	0.00
Goa	0.00	0.00
Western Region	192.66	336.48
Andhra Pradesh	3.19	8.84
Telangana	0.00	0.00
Karnataka	31.49	34.38
Kerala	1.63	3.90
Tamil Nadu	7.08	68.08
Lakshadweep	0.00	0.00
Puducherry	0.00	0.00
Southern Region	43.39	115.20
Andaman Nicobar	0.00	0.00
Bihar	0.00	0.00
Jharkhand	0.00	0.00
Orissa	0.00	0.00
Sikkim	0.00	0.00
West Bengal	75.40	0.00
Eastern Region	75.40	0.00
Arunachal Pradesh	0.00	0.00
Assam	0.00	0.00
Manipur	0.00	0.00
Meghalaya	0.00	0.00
Mizoram	0.00	0.00
Nagaland	0.00	0.00
Tripura	0.00	0.00
North Eastern Region	0.00	0.00
All India Total	888.17	884.08

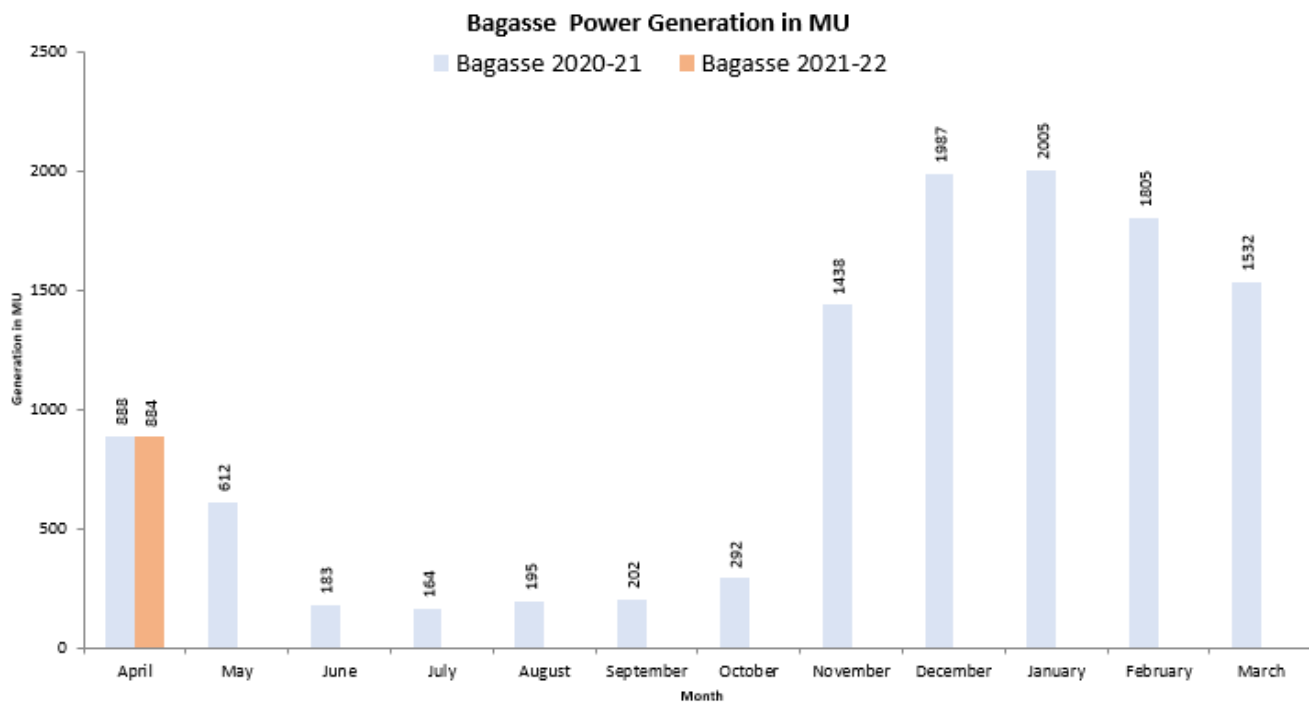


Figure 16: Monthly Bagasse Power Generation (2021-22 Up to Apr-21)

Table 7 State Wise Small Hydro Generation(MUs)

State	April '2020	April 2021
Chandigarh	0.00	0.00
Delhi	0.00	0.00
Haryana	31.33	12.80
Himachal Pradesh	237.02	86.76
J & K	51.31	29.20
Ladakh	0.00	0.00
Punjab	45.37	12.94
Rajasthan	0.06	0.02
Uttar Pradesh	2.37	5.72
Uttarakhand	67.38	26.78
Northern Region	434.84	174.22
Chhattisgarh	8.87	1.16
Gujarat	16.24	14.29
Madhya Pradesh	12.74	12.46
Maharashtra	85.18	89.26
Dadra and Nagar Haveli	0.00	0.00
Daman & Diu	0.00	0.00
Goa	0.00	0.00
Western Region	123.03	117.16
Andhra Pradesh	7.80	20.18
Telangana	0.83	2.82
Karnataka	42.97	49.29
Kerala	35.27	40.98
Tamil Nadu	7.72	7.32
Lakshadweep	0.00	0.00
Puducherry	0.00	0.00
Southern Region	94.60	120.59
Andaman Nicobar	0.29	0.39
Bihar	0.00	0.00
Jharkhand	0.00	0.27
Orissa	20.45	11.82
Sikkim	2.14	1.03
West Bengal	4.53	3.59
Eastern Region	27.41	17.09
Arunachal Pradesh	0.05	0.05
Assam	2.39	2.28
Manipur	0.00	0.00
Meghalaya	3.03	4.03
Mizoram	2.29	0.01
Nagaland	4.02	3.15
Tripura	1.94	1.44
North Eastern Region	13.71	10.96
All India Total	693.60	440.02

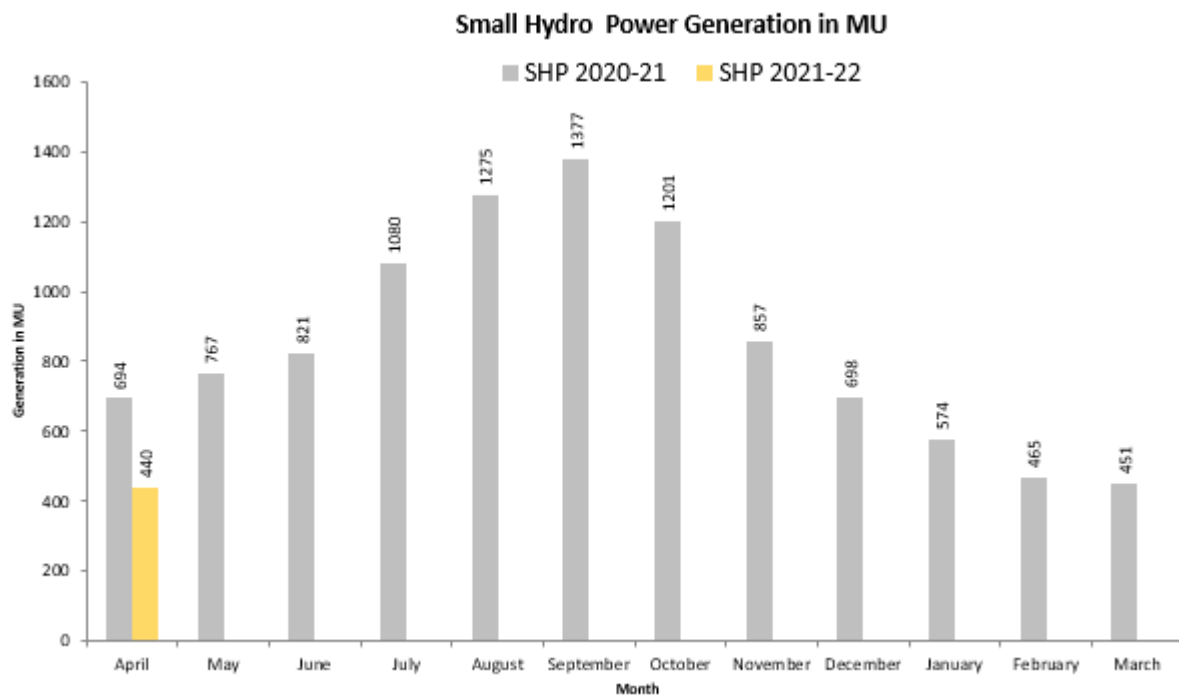


Figure 17: Monthly Small Hydro Power Generation (2021-22 Up to Apr-21)

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

State	April'2020	April'2021
Chandigarh	0.00	0.00
Delhi	21.88	12.96
Haryana	0.00	0.00
Himachal Pradesh	0.00	0.00
J & K	0.00	0.00
Ladakh	0.00	0.00
Punjab	0.01	0.05
Rajasthan	0.00	0.00
Uttar Pradesh	0.00	0.00
Uttarakhand	0.00	0.00
Northern Region	21.89	13.01
Chhattisgarh	0.00	0.00
Gujarat	3.29	0.00
Madhya Pradesh	2.45	3.17
Maharashtra	0.01	0.02
Dadra and Nagar Haveli	0.00	0.00
Daman & Diu	0.00	0.00
Goa	0.00	0.00
Western Region	5.75	3.19
Andhra Pradesh	0.00	8.10
Telangana	5.63	18.78
Karnataka	0.00	0.00
Kerala	0.00	0.00
Tamil Nadu	0.00	0.00
Lakshadweep	0.00	0.00
Puducherry	0.00	0.00
Southern Region	5.63	26.89
Andaman Nicobar	0.00	0.00
Bihar	0.00	0.00
Jharkhand	0.00	0.00
Orissa	0.00	0.00
Sikkim	0.00	0.00
West Bengal	0.00	136.26
Eastern Region	0.00	136.26
Arunachal Pradesh	0.00	0.00
Assam	0.00	0.00
Manipur	0.00	0.00
Meghalaya	0.00	0.00
Mizoram	0.00	0.00
Nagaland	0.00	0.00
Tripura	0.00	0.00
North Eastern Region	0.00	0.00
All India Total	33.27	179.35

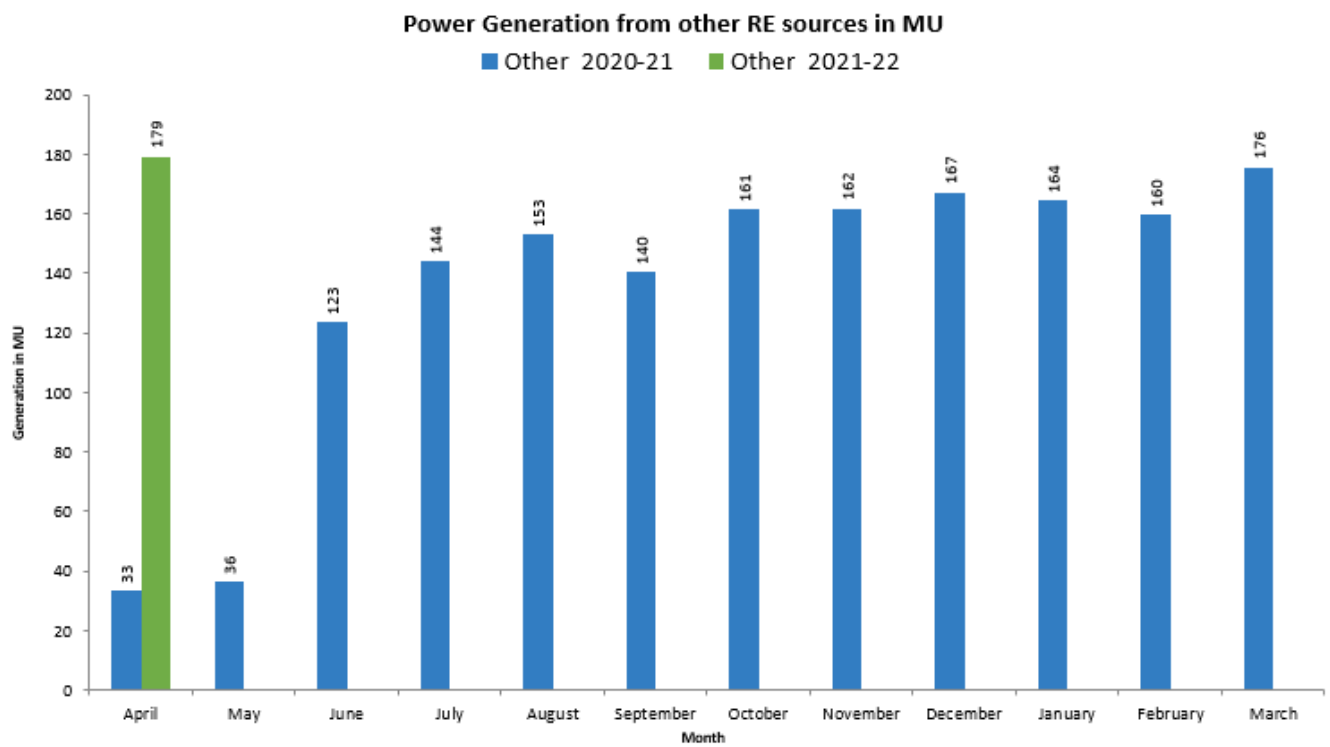


Figure 18: Monthly Other RE (Waste Heat etc) Power Generation (2021-22 Up to Apr-21)

Table 9: Renewable Energy Generation by ISGS Stations

Monthly RE generation from Inter State Generating Station (ISGS) for April 2021							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
AURAIYA	Uttar Pradesh	Central	NTPC	Solar	20	3.19	21.44
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.66	17.74
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	1.88	16.85
UNCHAHAR SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	1.35	18.15
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private	IPP	Solar	50	11.65	31.32
MAHOBA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	45.2	30.38
AZURE FORTY THREE PVT LTD	Rajasthan	Private	IPP	Solar	300	69.08	30.95
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	50.77	27.30
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	39.62	26.63
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	29.4	30.40
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Rajasthan	Private	IPP	Solar	50	12.3	33.06
CLEAN SOLAR POWER (BHADLA) PVT LDT	Rajasthan	Private	IPP	Solar	300	67.3	30.15
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	11.29	30.35
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	57.02	30.66
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	45.88	30.83
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	34.26	30.70
Northern Region					2180	480.85	
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	45.99	24.73
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	46.93	25.23
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	50.34	27.06
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	44.02	23.67
ALFANAR WIND	Gujarat	Private	IPP	Wind	300	49.95	22.38
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	44.27	23.80
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	48.42	21.69

Monthly RE generation from Inter State Generating Station (ISGS) for April 2021

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	176.6	66.03	50.25
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	31.69	17.04
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	50.53	27.17
RENEW WIND ENERGY AP2	Gujarat	Private	IPP	Wind	300	55.72	
Western Region					2526.6	533.89	
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	19.29	10.37
ORANGE	Tamil Nadu	Private	IPP	Wind	200	14.82	9.96
MYTRA	Tamil Nadu	Private	IPP	Wind	187	12.25	8.80
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	126.2	14.53	15.47
Southern Region					763.2	60.89	
Total					5469.8	1075.63	

Table 10 Renewable Energy Generation by CPSU Owned stations

Renewable Energy Generation Data (CPSU Wise) for April 2021					
CPSU	State	Installed Capacity (MW)	Source	Actual Generation (MU) April 2021	Monthly CUF(%)
NTPC					
NTPC Faridabad_Solar	Haryana	5	Solar	0.62	17.22
NTPC Bhadla	Rajasthan	260	Solar	36.76	19.64
NTPC Dadri_Solar	Uttar Pradesh	5	Solar	0.65	18.06
NTPC Unchahar_Solar	Uttar Pradesh	10	Solar	1.35	18.75
NTPC Singrauli_Solar	Uttar Pradesh	15	Solar	1.88	17.41
NTPC Auraiya	Uttar Pradesh	20	Solar	3.19	22.15
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	3.02	52.43
NTPC Rojmal	Gujarat	50	Wind	7.96	22.11
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	7.42	20.61
NTPC Mandsaur	Madhya Pradesh	250	Solar	37.47	20.82
NTPC Anantapuram	Andhra Pradesh	250	Solar	35.60	19.78
NTPC Ramagundam	Telangana	10	Solar	1.23	17.08
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.49	13.61
NTPC Talchar_Solar	Orissa	10	Solar	1.29	17.92
NTPC Solar_Bilhaur *	Uttar Pradesh	225		37.87	23.38
Total NTPC		1173		176.80	
THDC					
THDC Patan Wind Power Project	Gujarat	50	Wind	6.38	17.72
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	7.08	15.61
THDC Solar Kasaragod	Kerala	50	Solar	5.13	14.25
THDCIL's premises at Rishikesh	Uttarakhand	0.5	Solar	0.03	8.33
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	0.00	0.00
Total THDC		187.5		18.62	
NHPC					
NHPC Wind Power Project	Rajasthan	50	Wind	6.30	17.50
NHPC Solar Power Project	Tamil Nadu	50	Solar	8.54	23.73
Total NHPC		100		14.84	
ONGC					
ONGC Wind, Bhuj	Gujarat	51	Wind	3.70	10.07
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	10.01	13.63

Renewable Energy Generation Data (CPSU Wise) for April 2021

ONGC Solar, Goa	Goa	1	Solar	0.15	20.18
ONGC Solar, Hazira	Gujarat	10	Solar	1.47	20.47
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.72	20.00
ONGC Solar, Rajahmundry	Andhra Pradesh	1	Solar	0.12	16.02
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.12	15.30
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5	Solar	0.20	5.59
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.232	Solar	0.52	17.00
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	0.17	14.44
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.236	Solar	0.15	16.29
ONGC Solar, Agartala asset	Tripura	0.247	Solar	0.03	15.01
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.285	Solar	0.00	1.02
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.065	Solar	0.01	15.83
ONGC Solar, DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00
Total ONGC		184		17.36	
SJVN Limited					
Khirvire Wind Power	Maharashtra	47.6	Wind	2.10	6.12
Sadla Wind Power	Gujarat	50	Solar	6.10	16.94
Charanka Solar Power	Gujarat	5.6	Solar	0.93	23.14
Total SJVN		103.2		9.13	
Oil India Ltd					
Oil India Ltd	Rajasthan	14	Solar	2.19	21.77
Oil India Ltd	Rajasthan	67.6	Wind	4.26	8.75
Oil India Ltd	Gujarat	43.3	Wind	5.61	18.01
Oil India Ltd	Madhya Pradesh	63.2	Wind	10.69	23.50
Total Oil India Ltd		188.1		22.76	
NEEPCO					
NEEPCO		5	Solar	0.49	13.71
DVC					
DVC	West Bengal	0.078	Solar	0.01	16.32
DVC	Jharkhand	4	Small Hydro	0.00	0.00
DVC Total		4.078		0.01	
All India Total		1944.93		260.01	

(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 April -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
15-04-2021	29	07:07:00	50	50	308	curtailed to maintain grid security as per IEGC regulation (At Distributed Solar in percentage)
15-04-2021	29	07:10:00	100	100	339	curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
15-04-2021	29	07:10:00	50	50	339	curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
15-04-2021	29	07:10:00	50	50	339	curtailed to maintain grid security as per IEGC regulation (At Talarichruvu SS)
15-04-2021	36	08:47:00	-100	0	800	Released to maintain grid security as per IEGC regulation (At Ghani SS)
15-04-2021	37	09:02:00	-50	0	1074	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
15-04-2021	37	09:02:00	-50	0	1074	Released to maintain grid security as per IEGC regulation (At Talarichruvu SS)
15-04-2021	37	09:02:00	-50	0	1074	Released to maintain grid security as per IEGC regulation (At Distributed Solar in percentage)
23-04-2021	60	14:46:00	50	50	1211	curtailed to maintain grid security as per IEGC regulation (At Distributed Solar in percentage)
23-04-2021	60	14:46:00	200	200	1211	curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
23-04-2021	60	14:46:00	100	100	1211	curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
23-04-2021	60	14:46:00	150	150	1211	curtailed to maintain grid security as per IEGC regulation (At Talarichruvu SS)
23-04-2021	61	15:05:00	100	300	829	curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
23-04-2021	61	15:05:00	50	200	829	curtailed to maintain grid security as per IEGC regulation (At Talarichruvu SS)
23-04-2021	67	16:31:00	-300	0	246	Released to maintain grid security as per IEGC regulation (At Ghani SS)
23-04-2021	67	16:31:00	-100	0	246	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
23-04-2021	67	16:31:00	-200	0	246	Released to maintain grid security as per IEGC regulation (At Talarichruvu SS)
23-04-2021	67	16:33:00	-50	0	240	Released to maintain grid security as per IEGC regulation (At Distributed Solar in percentage)
23-04-2021	60	14:46:00	50	50	1211	curtailed to maintain grid security as per IEGC regulation (At Distributed Solar in percentage)
23-04-2021	60	14:46:00	200	200	1211	curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
23-04-2021	60	14:46:00	100	100	1211	curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
23-04-2021	60	14:46:00	150	150	1211	curtailed to maintain grid security as per IEGC regulation (At Talarichruvu SS)
23-04-2021	61	15:05:00	100	300	829	curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
23-04-2021	61	15:05:00	50	200	829	curtailed to maintain grid security as per IEGC regulation (At Talarichruvu SS)
23-04-2021	67	16:31:00	-300	0	246	Released to maintain grid security as per IEGC regulation (At Ghani SS)
23-04-2021	67	16:31:00	-100	0	246	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
23-04-2021	67	16:31:00	-200	0	246	Released to maintain grid security as per IEGC regulation (At Talarichruvu SS)

Date	Block No	Time	Solar curtailment MW	Total Solar Curtailment MW	Solar generation MW	Reasons for Backing down
						SS)
23-04-2021	67	16:33:00	-50	0	240	Released to maintain grid security as per IEGC regulation (At Distributed Solar in percentage)

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
14-04-2021	29	07:05:00	50	50	260	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	29	07:05:00	30	30	428	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	32	07:46:00	-50	0	286	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	32	07:46:00	-30	0	500	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	79	19:34:00	50	50	232	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	79	19:34:00	20	20	861	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	81	20:02:00	50	100	238	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	81	20:02:00	30	50	812	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	82	20:28:00	-50	50	191	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	82	20:28:00	-20	30	660	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	84	20:48:00	-50	0	199	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	84	20:48:00	-30	0	723	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	88	21:49:00	50	50	346	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	88	21:49:00	40	40	1166	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	89	22:05:00	-20	20	955	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	89	22:07:00	-50	0	197	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
14-04-2021	89	22:07:00	-20	0	890	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
15-04-2021	19	04:39:00	100	100	96	Wind generators with temporary connectivity are curtailed to maintain grid

Date	Block No	Time	Wind curtailment (MW)	Total Wind Curtailment (MW)	Wind generation (MW)	Reasons for Backing down
						security as per IEGC regulation (in percentage)
15-04-2021	19	04:39:00	60	60	263	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
15-04-2021	23	05:32:00	30	90	150	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
15-04-2021	33	08:09:00	-100	0	8	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
15-04-2021	33	08:09:00	-90	0	57	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
19-04-2021	11	02:32:00	100	100	280	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
19-04-2021	11	02:32:00	50	50	1048	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
19-04-2021	13	03:13:00	-30	20	712	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
19-04-2021	17	04:05:00	-20	0	1037	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
19-04-2021	17	04:05:00	-100	0	298	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	15	03:39:00	50	50	261	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	15	03:39:00	20	20	670	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	17	04:14:00	-50	0	152	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	17	04:14:00	-20	0	595	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	81	20:08:00	50	50	350	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	81	20:08:00	30	30	1093	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	82	20:16:00	50	100	273	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	82	20:16:00	30	60	1478	Wind generators with permanent connectivity are curtailed 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
20-04-2021	84	20:42:00	20	80	1015	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	86	21:18:00	-20	60	663	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	86	21:23:00	-40	20	666	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	87	21:32:00	-20	0	735	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
20-04-2021	87	21:32:00	-100	0	173	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
21-04-2021	70	17:25:00	50	50	53	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
21-04-2021	70	17:25:00	30	30	898	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
21-04-2021	73	18:13:00	-30	0	237	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
21-04-2021	73	18:13:00	-50	0	194	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
22-04-2021	0	00:00:00	0	0		curtailment--NIL
23-04-2021	62	15:25:00	100	100	60	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	62	15:25:00	50	50	212	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	67	16:41:00	-50	0	173	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	67	16:41:00	-100	0	51	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	80	19:53:00	50	50	356	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	80	19:53:00	40	40	648	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	81	20:08:00	50	100	375	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	81	20:08:00	30	70	645	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	83	20:37:00	-30	40	464	Wind generators with permanent

Date	Block No	Time	Wind curtailment (MW)	Total Wind Curtailment (MW)	Wind generation (MW)	Reasons for Backing down
						connectivity are released to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	83	20:37:00	-50	50	207	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	86	21:21:00	-20	20	532	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	87	21:30:00	-20	0	529	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
23-04-2021	87	21:30:00	-50	0	169	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	79	19:40:00	30	30	1467	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	79	19:40:00	50	50	236	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	80	19:58:00	30	60	1508	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	80	19:58:00	50	100	255	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	82	20:20:00	20	80	1180	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	84	20:48:00	-20	60	597	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	84	20:55:00	-20	40	686	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	89	22:13:00	-10	30	1035	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	92	22:46:00	-100	0	169	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
28-04-2021	93	23:02:00	-30	0	869	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
29-04-2021	86	21:23:00	50	50	210	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
29-04-2021	86	21:23:00	40	40	1160	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
29-04-2021	88	21:49:00	50	100	197	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in

Date	Block No	Time	Wind curtailment (MW)	Total Wind Curtailment (MW)	Wind generation (MW)	Reasons for Backing down
						percentage)
29-04-2021	88	21:49:00	30	70	1077	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
29-04-2021	90	22:18:00	-20	50	890	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
29-04-2021	92	22:57:00	-20	30	998	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
29-04-2021	93	23:12:00	-50	50	271	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
29-04-2021	94	23:17:00	-30	0	1136	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
29-04-2021	94	23:17:00	-50	0	312	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	3	00:30:00	40	40	1009	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	3	00:30:00	50	50	201	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	3	00:39:00	40	80	1387	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	6	01:16:00	20	100	837	Wind generators with permanent connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	6	01:16:00	50	100	181	Wind generators with temporary connectivity are curtailed to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	8	01:52:00	-30	70	345	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	13	03:03:00	-30	40	475	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	13	03:03:00	-50	50	161	Wind generators with temporary connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	13	03:14:00	-40	0	342	Wind generators with permanent connectivity are released to maintain grid security as per IEGC regulation (in percentage)
30-04-2021	13	03:14:00	-50	0	121	Wind generators with temporary 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 April 2021				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Northern Region				
AURAIYA SOLAR	Solar	3.31	3.15	-0.15
ACME CHITTORGARH ENERGY PVT LTD	Solar	48.08	50.77	2.69
AZURE FORTY THREE PVT LTD	Solar	65.82	69.08	3.26
AZURE SOLAR	Solar	38.33	39.62	1.29
AZURE SOLAR THIRTY FOUR	Solar	27.35	29.4	2.05
CLEAN SOLAR POWER(BHADLA) PVT LTD.	Solar	65.27	67.3	2.03
DADRI SOLAR	Solar	0.62	0.65	0.03
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Solar	11.18	11.65	0.47
MAHOBBA SOLAR	Solar	45.90	45.20	-0.7
RENEW SOLAR	Solar	11.27	11.29	0.02
RENEW SOLAR POWER LTD PVT BIKANER	Solar	55.10	57.02	1.92
SB ENERGY	Solar	45.78	45.88	0.1
SINGRAULI SOLAR	Solar	1.95	1.88	-0.07
TATA POWER RENEWABLE	Solar	33.08	34.26	1.18
UNCHAHAH SOLAR	Solar	1.46	1.33	-0.13
Western Region				
ACME SOLAR (RAMNAGAR)	Solar	43.94	49.95	6.01
ADANI GREEN ENERGY MP LTD	Wind	63.65	31.69	-31.96
ALFANAR WIND	Wind	51.48	50.53	-0.95
ARINSUN SOLAR (BARSITADESH)	Solar	44.91	44.02	-0.89
GREEN INFRA WIND ENERGY LIMITED SECI 2	Wind	46.72	48.42	1.70
GREEN INFRA WIND ENERGY LIMITED SECI 3	Wind	49.50	44.27	-5.23
INOX WIND	Wind	30.92	66.03	35.11
MAHINDRA SOLAR (BADWAR)	Solar	48.02	50.34	2.32
OSTRO -KUTCH	Wind	52.99	46.93	-6.06
RENEW WIND ENERGY AP2	Wind	58.57	55.72	-2.85
RENEW POWER	Solar	46.59	45.99	-0.60
Southern Region				
BEETAM	Wind	26.21	19.29	-6.92
GIREL	Wind	19.00	14.82	-4.18
MYTRAH	Wind	12.25	12.25	0.00
ORANGE	Wind	18.66	14.53	-4.14

+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 April 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	505.90	0.00	0.00	28.12	534.02	5.27
Haryana	1687.46	97.83	0.00	0.00	78.55	1863.84	4.21
HP	0.00	0.00	0.00	1449.17	90.69	1539.86	100.00
J & K	0.00	0.00	0.00	1297.32	30.91	1328.23	100.00
Ladakh	0.00	0.00	0.00	13.19	0.00	13.19	100.00
Punjab	1737.89	0.00	0.00	119.65	221.49	2079.03	16.41
Rajasthan	3914.02	113.30	698.31	8.76	1526.66	6261.05	35.68
Uttar Pradesh	11382.51	174.05	296.25	55.32	668.81	12576.94	8.11
Uttarakhand	0.00	174.40	0.00	521.21	71.67	767.28	77.27
Northern Region	18721.88	1065.48	994.56	3464.62	2718.61	26965.15	26.62
Chhattisgarh	13334.09	0.00	0.00	36.14	131.81	13502.04	1.24
Gujarat	6446.51	1120.49	160.75	253.02	1619.49	9600.26	21.18
Madhya Pradesh	11950.61	0.00	0.00	423.21	787.54	13161.36	9.20
Maharashtra	11156.54	635.48	708.92	585.16	1156.65	14242.75	17.21
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.65	0.65	100.00
Daman & Diu	0.00	0.00	0.00	0.00	4.08	4.08	100.00
Goa	0.00	0.00	0.00	0.00	0.15	0.15	100.00
Western Region	42887.75	1755.97	869.67	1297.53	3700.36	50511.28	11.62
Andhra Pradesh	4848.68	238.55	0.00	184.89	1149.06	6421.18	20.77
Telangana	4730.36	0.00	0.00	70.20	645.64	5446.20	13.14
Karnataka	3641.21	0.00	595.71	1047.68	1859.34	7143.94	49.03
Kerala	0.00	0.00	0.00	659.76	93.19	752.95	100.00
Tamil Nadu	5979.18	128.20	903.78	223.32	1219.57	8454.05	27.76
Lakshadweep	0.00	0.00	0.00	0.00	0.03	0.03	100.00
Puducherry	0.00	21.41	0.00	0.00	1.02	22.43	4.55
Southern Region	19199.43	388.16	1499.49	2185.85	4967.84	28240.77	30.64
Andaman Nicobar	6.92	0.00	0.00	0.00	2.88	9.80	29.39
Bihar	3908.81	0.00	0.00	0.00	13.69	3922.50	0.35
Jharkhand	2586.91	0.00	0.00	2.01	1.89	2590.81	0.15
Orissa	4518.92	0.00	0.00	410.57	75.12	5004.61	9.70
Sikkim	0.00	0.00	0.00	503.89	1.03	504.92	100.00
West Bengal	7730.10	0.00	0.00	142.51	150.01	8022.62	3.65
Eastern Region	18751.66	0.00	0.00	1058.98	244.61	20055.25	6.50
Arunachal Pradesh	0.00	0.00	0.00	135.06	0.20	135.26	100.00
Assam	409.65	233.22	0.00	46.98	7.47	697.32	7.81
Manipur	0.00	0.00	0.00	21.31	0.46	21.77	100.00
Meghalaya	0.00	0.00	0.00	47.73	4.03	51.76	100.00
Mizoram	0.00	0.00	0.00	3.23	0.24	3.47	100.00

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

State/UT	Fossil		Non Fossil				Non Fossil
Nagaland	0.00	0.00	0.00	4.29	3.15	7.44	100.00
Tripura	0.00	284.20	0.00	0.00	1.96	286.16	0.69
North Eastern Region	409.65	517.42	0.00	258.60	17.50	1203.17	22.95
All India Total	99970.37	3727.03	3363.72	8265.58	11648.93	126975.63	18.33

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 April 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	505.90	0.00	0.00	28.12	534.02	5.27
Haryana	1687.46	97.83	0.00	0.00	78.55	1863.84	4.21
HP	0.00	0.00	0.00	1449.17	90.69	1539.86	5.89
J & K	0.00	0.00	0.00	1297.32	30.91	1328.23	2.33
Ladakh	0.00	0.00	0.00	13.19	0.00	13.19	0.00
Punjab	1737.89	0.00	0.00	119.65	221.49	2079.03	10.65
Rajasthan	3914.02	113.30	698.31	8.76	1526.66	6261.05	24.38
Uttar Pradesh	11382.51	174.05	296.25	55.32	668.81	12576.94	5.32
Uttarakhand	0.00	174.40	0.00	521.21	71.67	767.28	9.34
Northern Region	18721.88	1065.48	994.56	3464.62	2718.61	26965.15	10.08
Chhattisgarh	13334.09	0.00	0.00	36.14	131.81	13502.04	0.98
Gujarat	6446.51	1120.49	160.75	253.02	1619.49	9600.26	16.87
Madhya Pradesh	11950.61	0.00	0.00	423.21	787.54	13161.36	5.98
Maharashtra	11156.54	635.48	708.92	585.16	1156.65	14242.75	8.12
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.65	0.65	100.00
Daman & Diu	0.00	0.00	0.00	0.00	4.08	4.08	100.00
Goa	0.00	0.00	0.00	0.00	0.15	0.15	100.00
Western Region	42887.75	1755.97	869.67	1297.53	3700.36	50511.28	7.33
Andhra Pradesh	4848.68	238.55	0.00	184.89	1149.06	6421.18	17.89
Telangana	4730.36	0.00	0.00	70.20	645.64	5446.20	11.85
Karnataka	3641.21	0.00	595.71	1047.68	1859.34	7143.94	26.03
Kerala	0.00	0.00	0.00	659.76	93.19	752.95	12.38
Tamil Nadu	5979.18	128.20	903.78	223.32	1219.57	8454.05	14.43
Lakshadweep	0.00	0.00	0.00	0.00	0.03	0.03	100.00
Puducherry	0.00	21.41	0.00	0.00	1.02	22.43	4.55
Southern Region	19199.43	388.16	1499.49	2185.85	4967.84	28240.77	17.59
Andaman Nicobar	6.92	0.00	0.00	0.00	2.88	9.80	29.39
Bihar	3908.81	0.00	0.00	0.00	13.69	3922.50	0.35
Jharkhand	2586.91	0.00	0.00	2.01	1.89	2590.81	0.07
Orissa	4518.92	0.00	0.00	410.57	75.12	5004.61	1.50
Sikkim	0.00	0.00	0.00	503.89	1.03	504.92	0.20
West Bengal	7730.10	0.00	0.00	142.51	150.01	8022.62	1.87
Eastern Region	18751.66	0.00	0.00	1058.98	244.61	20055.25	1.22
Arunachal Pradesh	0.00	0.00	0.00	135.06	0.20	135.26	0.15
Assam	409.65	233.22	0.00	46.98	7.47	697.32	1.07
Manipur	0.00	0.00	0.00	21.31	0.46	21.77	2.09
Meghalaya	0.00	0.00	0.00	47.73	4.03	51.76	7.79

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

State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Mizoram	0.00	0.00	0.00	3.23	0.24	3.47	6.97
Nagaland	0.00	0.00	0.00	4.29	3.15	7.44	42.30
Tripura	0.00	284.20	0.00	0.00	1.96	286.16	0.69
North Eastern Region	409.65	517.42	0.00	258.60	17.50	1203.17	1.45
All India Total	99970.37	3727.03	3363.72	8265.58	11648.93	126975.63	9.17

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 ,2021	11.51	5.65	5.42	22.57
All figures at Delhi PP in MUs				
DMRC : Delhi Metro Rail Corporation				

All India Wind & Solar Power Daily Generation Report (April 2021)

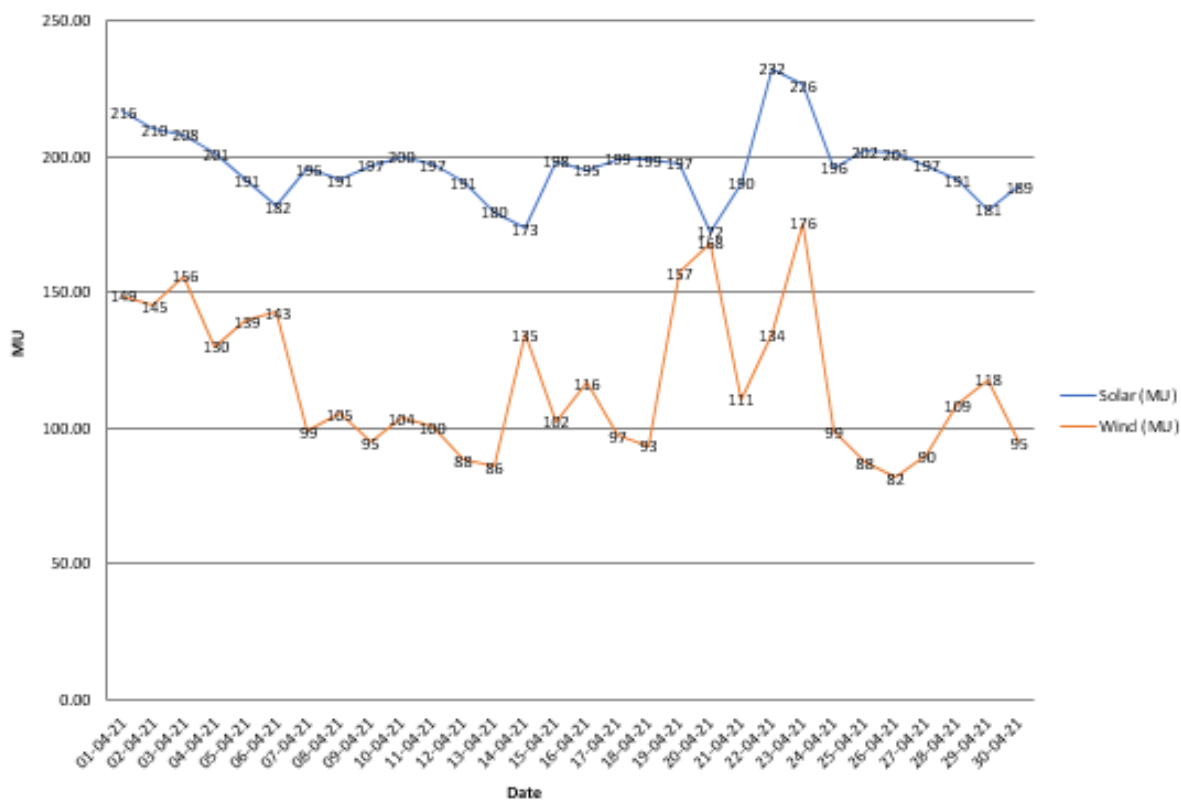


Figure 19: Daily Solar and wind Power Generation trend in the month of Apr-21



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