



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 JANUARY 2022

Increased by 14.24 % as compared to January 21.
Increased by 03.09 % as compared to December 21.

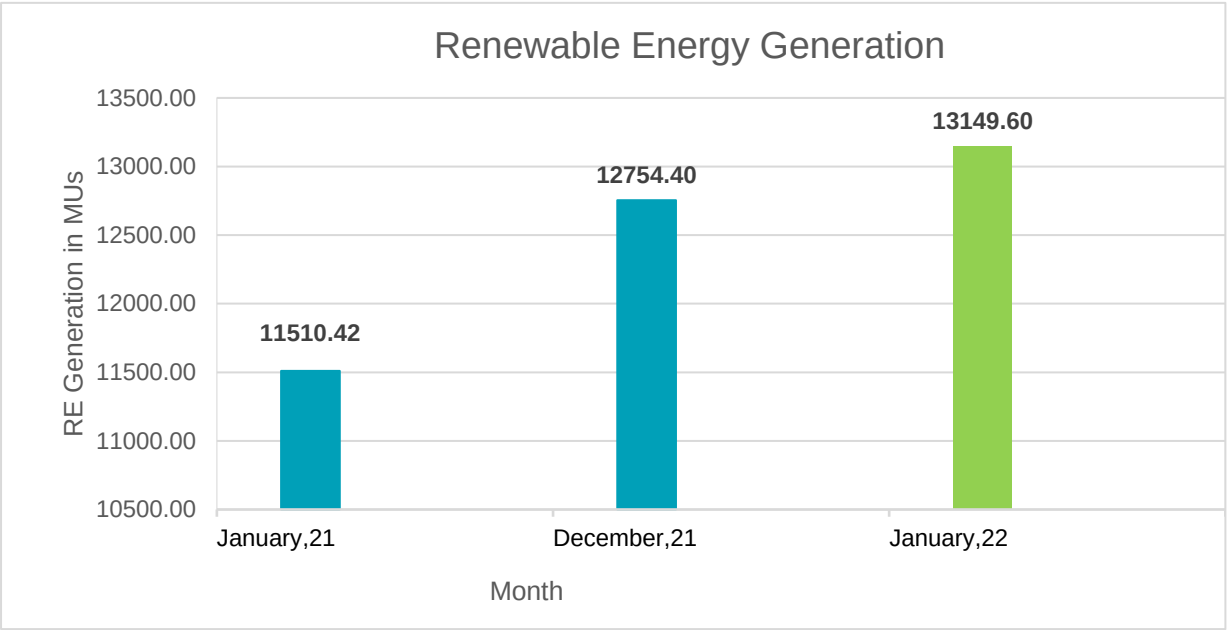


Figure 1: Renewable Energy Generation

Decreased by 30 .16 % as compared to January 21.
Increased by 15.15 % as compared to December 21.

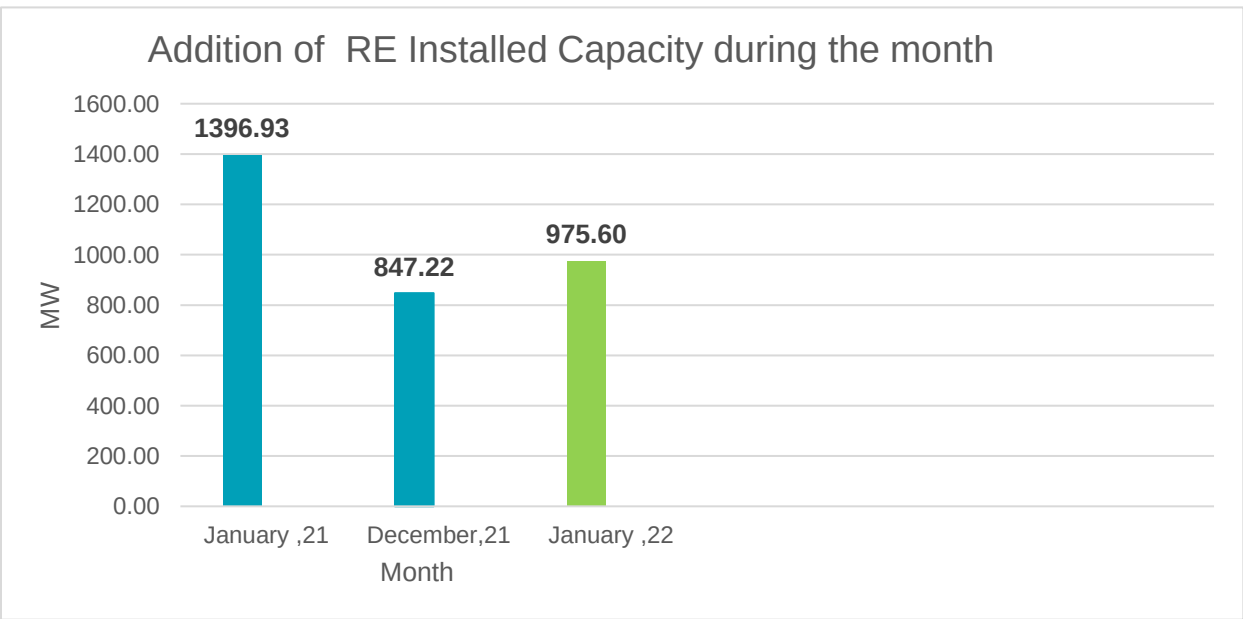


Figure 2 RE capacity added during the Month

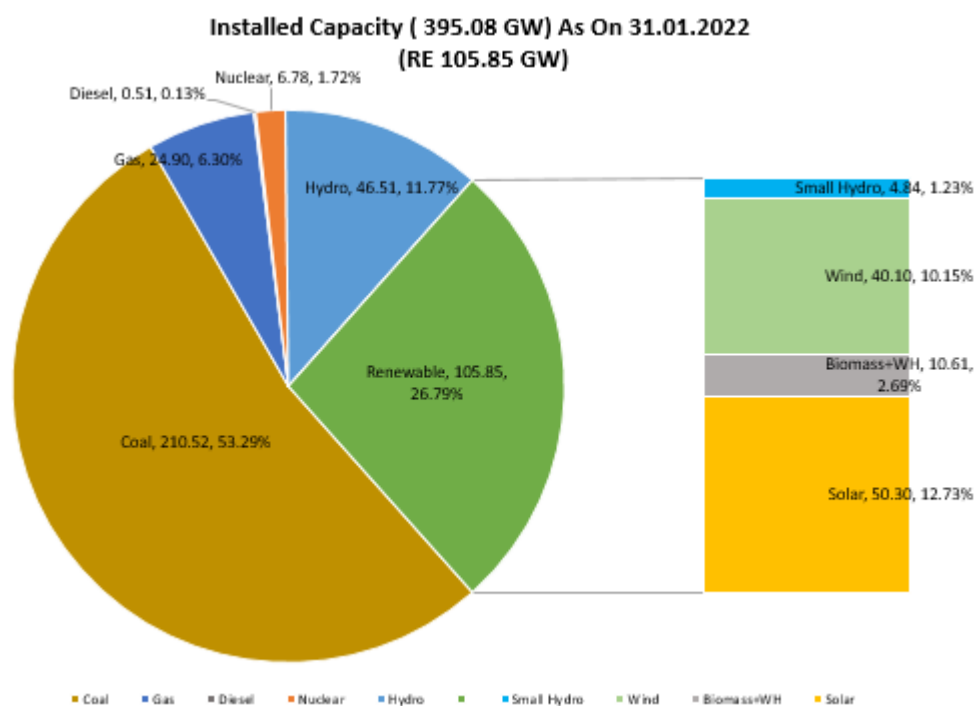


Figure 3; Installed Capacity in India as on 31.01.2022

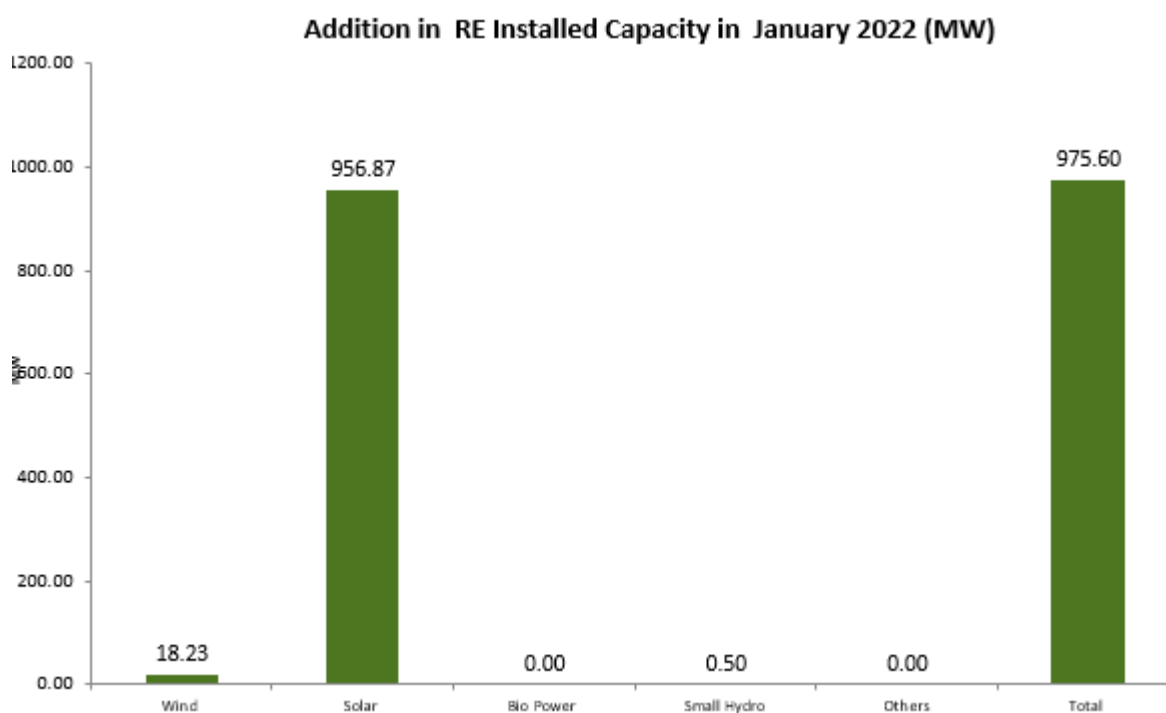


Figure 4: Source wise addition in RE Installed Capacity in January 22

HIGHLIGHTS OF RE GENERATION DURING JANUARY 2022

1. RE generation increased by 14.24% in January 2022 as compared to January 2021.
2. Wind Power generation during the month of January 2022 increased in Gujarat, Maharashtra, and decreased in Rajasthan, Madhya Pradesh ,Andhra Pradesh and Karnataka, as compared to January 2021.
3. Daily wind generation decreased by 04.61% as compared to January 2021 and decreased by 04.99 % as compared to December 2021.
4. Solar Power generation during the month of January 2022 increased in Punjab, Uttar Pradesh, Rajasthan, Gujarat, Andhra Pradesh, Karnataka ,Kerala, Tamil Nadu, Telangana and decreased in Madhya Pradesh as compared to January 2021.
5. Daily solar generation increased by 35.88 % as compared to January 2021 and increased by 12.85% as compared to December 2021.

ALL INDIA SUMMARY OF RENEWABLE ENERGY GENERATION

Source	Installed Capacity (MW) (As on 31.01.2022)	RE Generation (MU) January '2022	RE Generation (MU) January '2021	% of same period Last Year	RE Generation (MU) April'2022-January '2022	RE Generation (MU) April'2021-January '2021	% of same period Last Year
Wind	40100.93	3398.23	3562.30	95.39	61525.49	53745.27	114.48
Solar	50303.58	6611.09	4865.41	135.88	57869.53	48212.20	120.03
Biomass	10175.61	321.69	339.05	94.88	2867.92	2876.69	99.70
Bagasse		2075.27	2005.00	103.50	8542.98	7965.38	107.25
Small Hydro	4839.90	528.88	574.17	92.11	9256.86	9342.72	99.08
Others	434.11	214.45	164.50	130.37	1875.76	1285.88	145.87
Total	105854.13	13149.60	11510.42	114.24	141938.55	123428.14	115.00

Table 1 All India Summary of Renewable Energy Generation

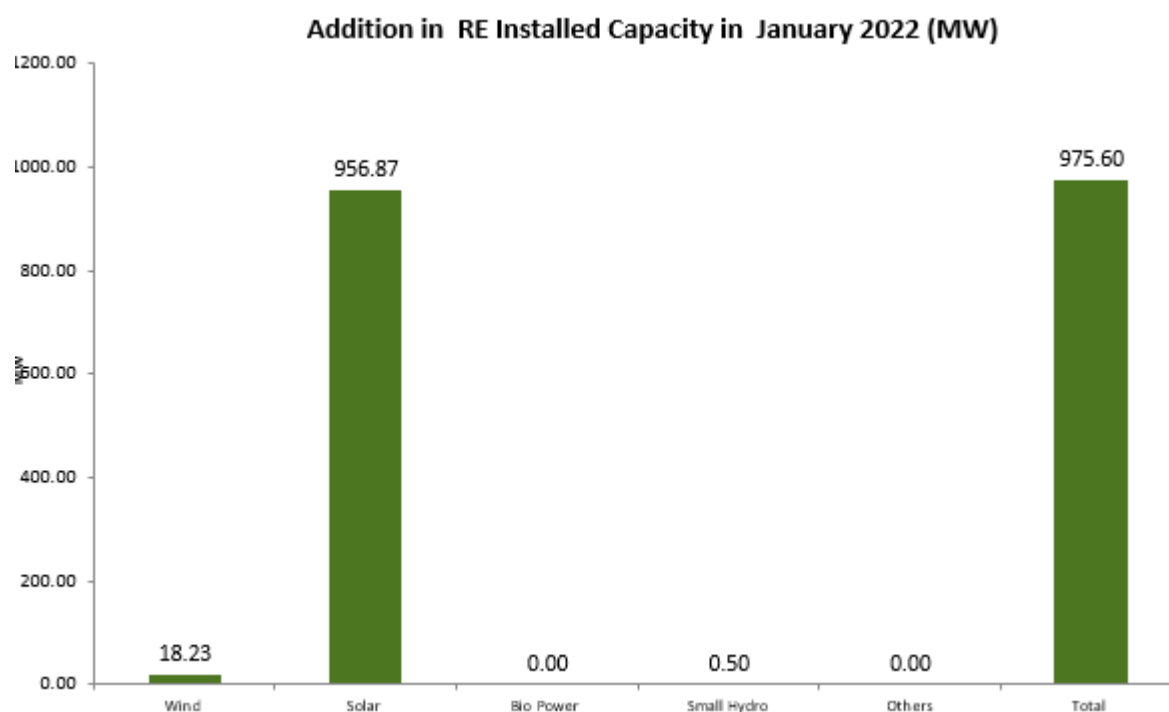


Figure 5 : Additional RE Generation in January 22 compared to January 21

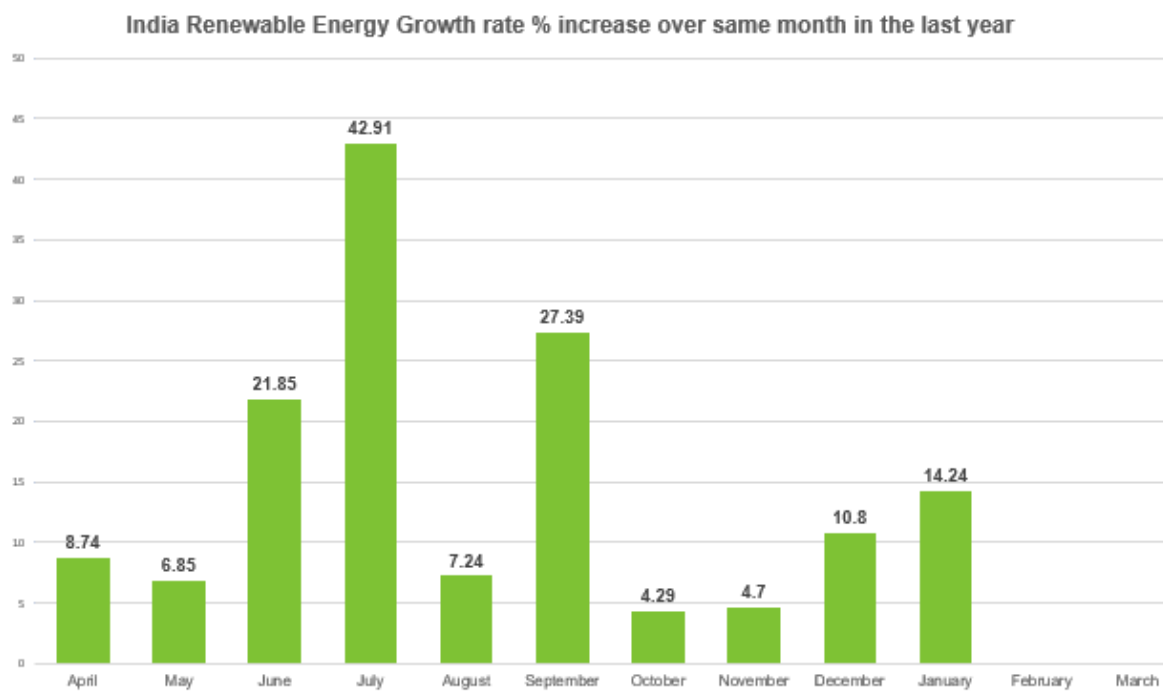


Figure 6: Month Wise Growth of RE Generation in 2021-22 w.r.t to 2020-21

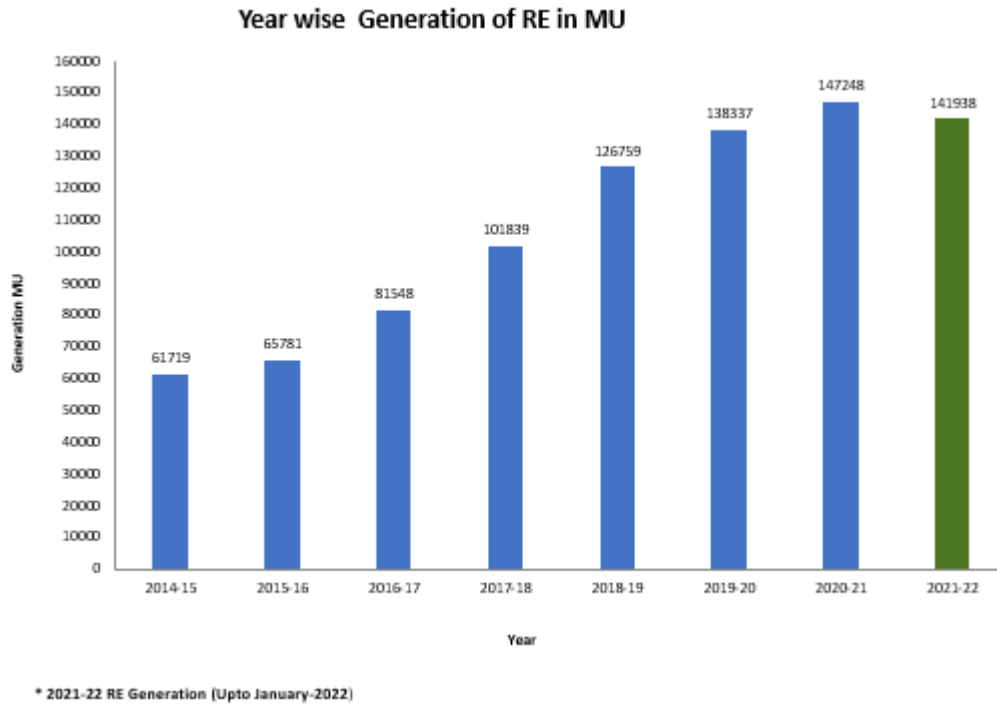


Figure 7 Year Wise RE Generation

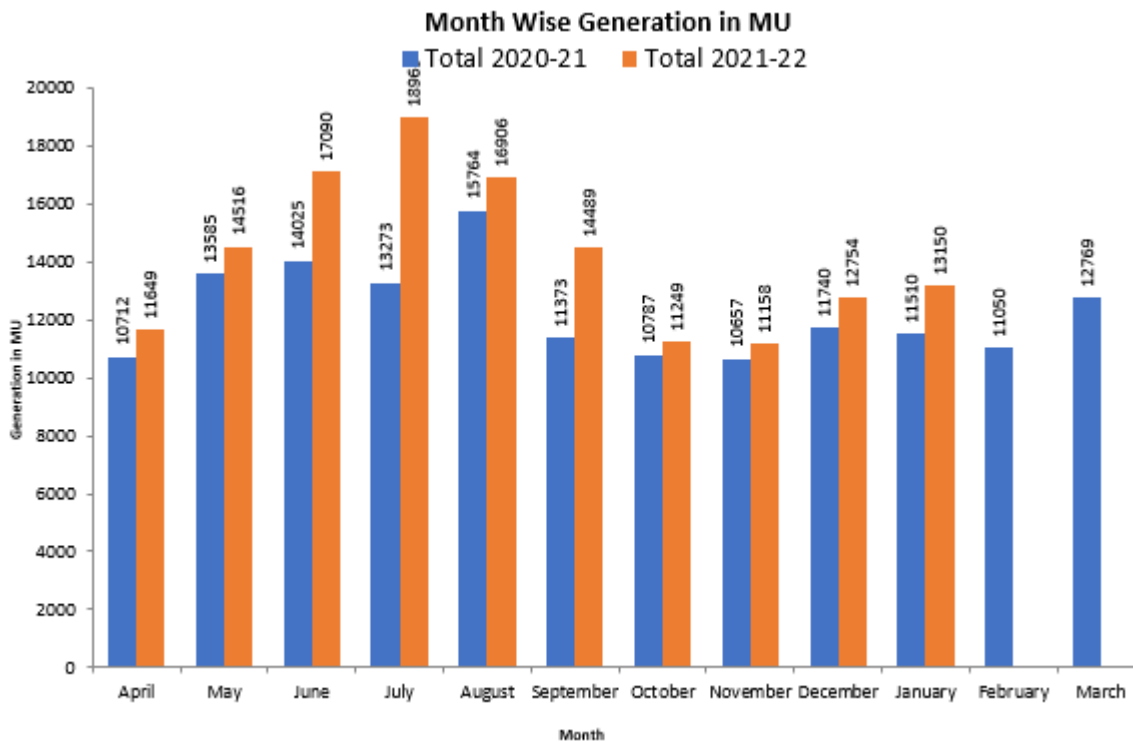


Figure 8: comparison of Month Wise RE Generation in year 2021-22 & in year 2020-21

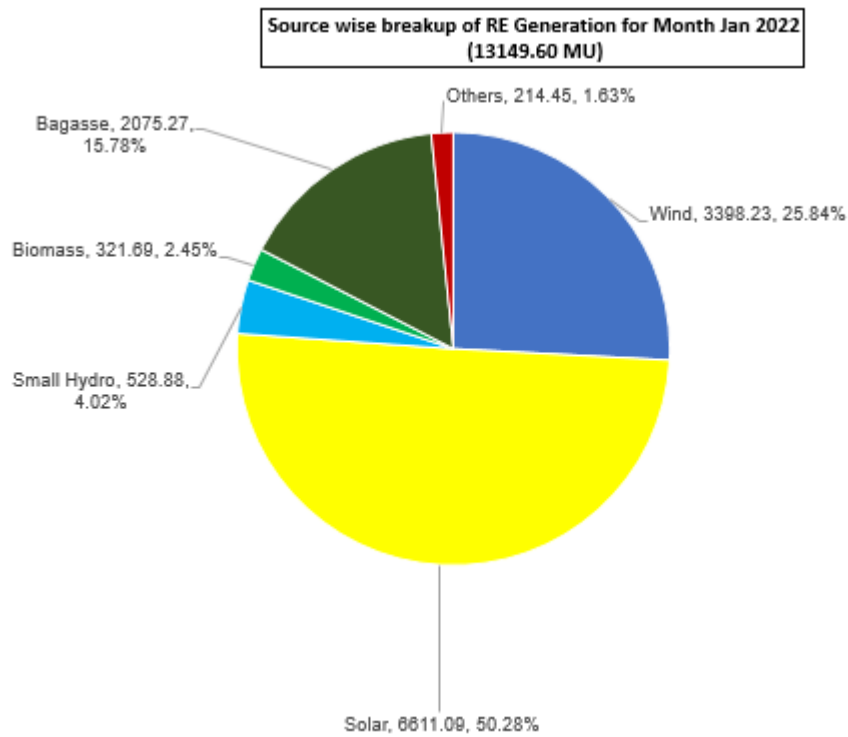


Figure 9 Source wise breakup of RE Generation in the month of January -22

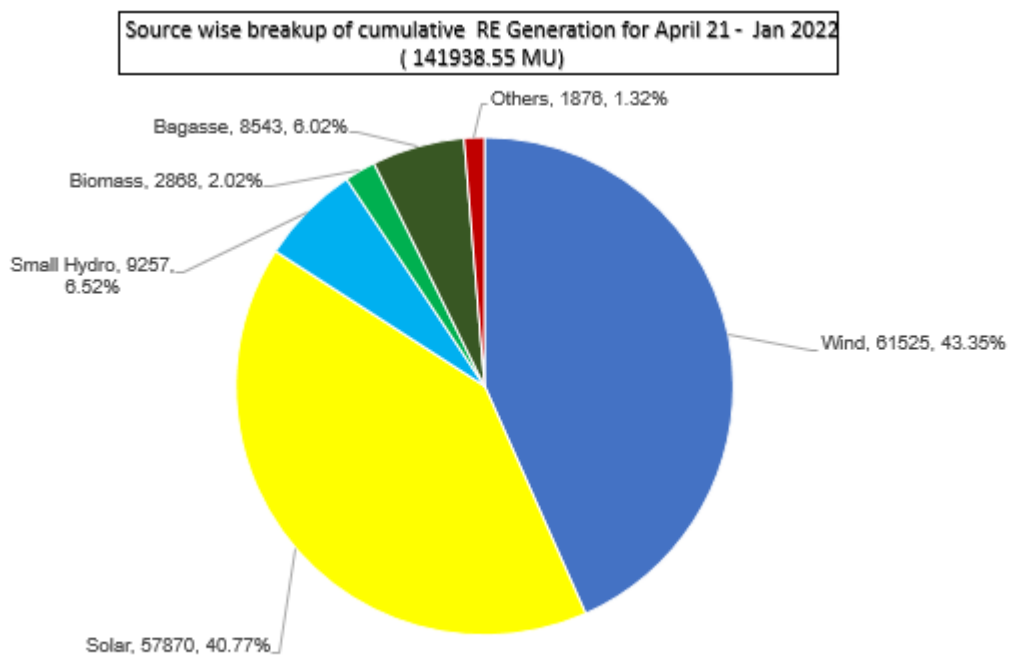


Figure 10: Source wise breakup of Cumulative RE Generation (April-21 – January -22)

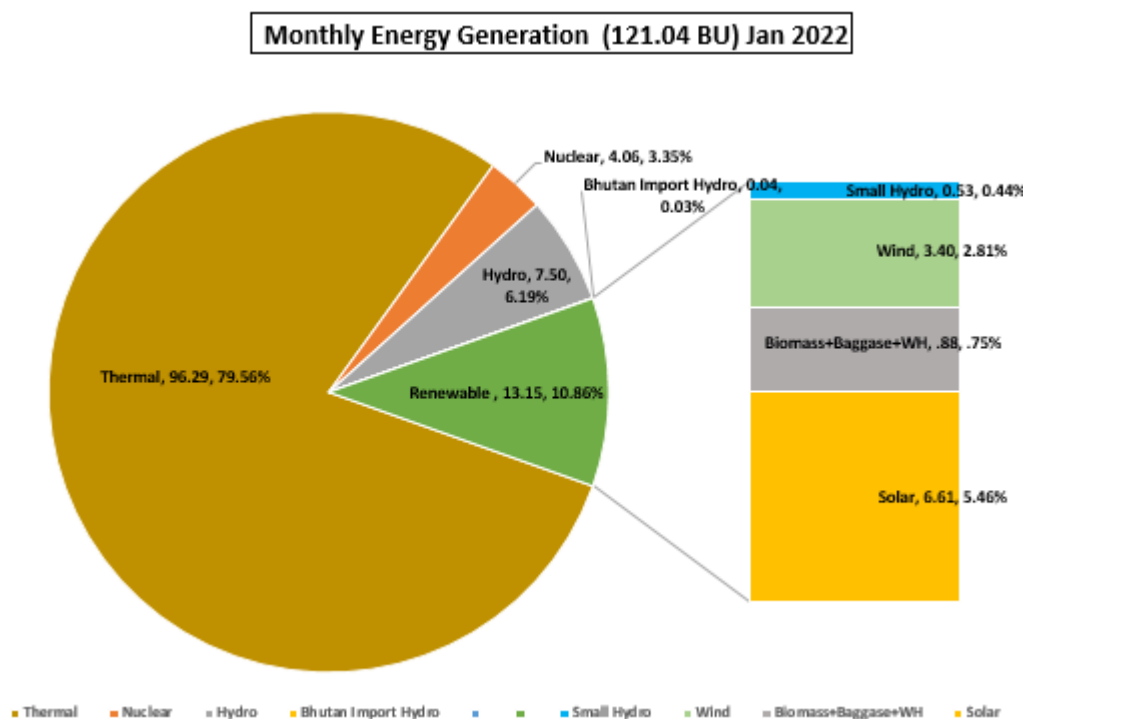


Figure 11: Total Energy Generation in India and Share of RE in the month of January -22

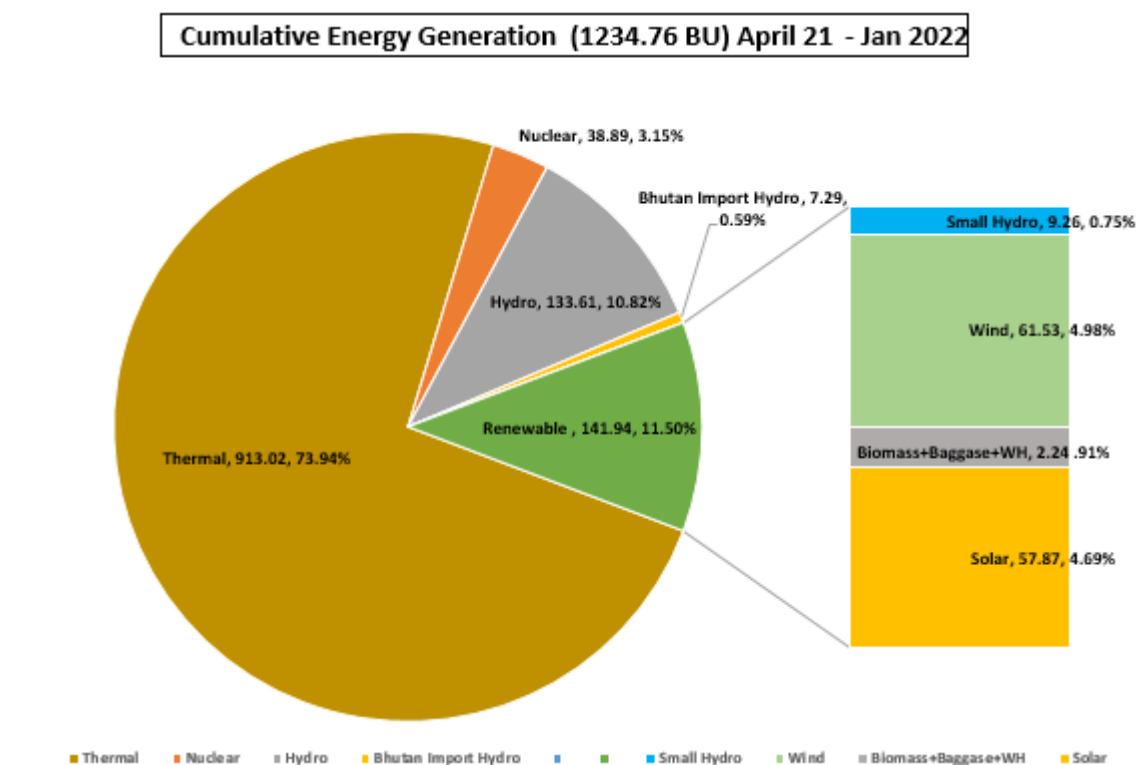


Figure 12 Cumulative Total Energy Generation in India and Share of RE (Apr-21 – January -22)

Table 2 State Wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) January'2022	RE Generation(MU) January'2021	RE Generation(MU) April'2021- January'2022	RE Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.99	0.17	12.21	6.74
Delhi	39.11	26.00	382.81	355.89
Haryana	110.81	78.08	878.23	607.83
Himachal Pradesh	55.22	58.98	1843.21	2040.54
J & K	18.20	21.63	358.24	394.91
Ladakh	0.00	0.00	0.00	0.00
Punjab	196.93	213.75	2750.34	2391.71
Rajasthan	2049.21	1219.61	18753.47	13871.90
Uttar Pradesh	762.79	746.29	4622.07	4134.36
Uttarakhand	71.67	66.16	716.70	1093.51
Northern Region Total	3304.92	2430.67	30317.28	24897.39
Western Region				
Chhattisgarh	168.84	166.40	1594.19	1298.36
Gujarat	1947.75	1694.62	20987.62	15221.22
Madhya Pradesh	613.92	649.44	7243.91	7114.91
Maharashtra	1493.61	1258.08	12889.78	11229.87
Dadra and Nagar Haveli	4.36	3.29	38.45	7.29
Daman & Diu	4.17	3.90	39.37	30.45
Goa	1.60	0.14	12.08	1.20
Western Region Total	4234.25	3775.88	42805.40	34903.31
Southern Region				
Andhra Pradesh	1094.35	1072.21	13278.68	11698.52
Telangana	647.12	600.56	5913.30	5605.07
Karnataka	2263.48	2228.37	24034.90	23544.75
Kerala	100.54	83.21	1344.77	976.08
Tamil Nadu	1208.46	1063.89	21314.89	19302.32
Lakshadweep	0.01	0.03	0.28	0.40
Puducherry	1.02	1.02	10.20	4.35
Southern Region Total	5314.97	5049.30	65897.01	61131.48

Name of State/UT	RE Generation(MU) January'2022	RE Generation(MU) January'2021	RE Generation(MU) April'2021- January'2022	RE Generation(MU) April'2020- January'2021
Eastern Region				
Andaman Nicobar	2.75	2.84	29.28	33.47
Bihar	33.20	13.69	181.14	199.23
Jharkhand	3.96	2.15	22.43	22.69
Orissa	77.12	66.06	907.44	734.39
Sikkim	1.03	5.41	10.30	49.52
West Bengal	154.64	143.28	1542.27	1256.84
Eastern Region Total	272.70	233.43	2692.85	2296.15
North Eastern Region				
Arunachal Pradesh	0.17	0.17	1.71	1.70
Assam	10.71	5.23	95.76	37.08
Manipur	0.52	0.97	5.45	6.83
Meghalaya	3.99	5.97	37.68	47.23
Mizoram	3.10	1.73	21.90	32.48
Nagaland	3.70	4.86	57.03	62.76
Tripura	0.57	2.22	6.48	11.74
North Eastern Region Total	22.75	21.15	226.02	199.82
All India Total	13149.60	11510.42	141938.55	123428.14

Table 3 State Wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) January'2022	Wind Power Generation(MU) January'2021	Wind Power Generation(MU) April'2021- January'2022	Wind Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	0.00	0.00	0.00	0.00
Himachal Pradesh	0.00	0.00	0.00	0.00
J & K	0.00	0.00	0.00	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	0.00	0.00	0.00	0.00
Rajasthan	259.74	377.89	5699.34	4984.39
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	259.74	377.89	5699.34	4984.39
Western Region				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1269.26	1215.92	15478.65	11315.84
Madhya Pradesh	233.02	263.07	3792.22	3378.44
Maharashtra	309.28	210.01	6504.46	5770.06
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 Total	1811.56	1689.00	25775.33	20464.35
Southern Region				
Andhra Pradesh	323.16	354.57	6398.16	5743.78
Telangana	20.33	15.07	238.11	189.88
Karnataka	459.06	600.99	8561.39	8550.52
Kerala	6.28	8.42	118.81	119.19
Tamil Nadu	518.09	516.37	14734.34	13692.16
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	1326.93	1495.41	30050.81	28295.53

Name of State/UT	Wind Power Generation(MU) January'2022	Wind Power Generation(MU) January'2021	Wind Power Generation(MU) April'2021- January'2022	Wind Power Generation(MU) April'2020- January'2021
Eastern Region				
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
Eastern Region Total	0.00	0.00	0.00	0.00
North Eastern Region			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 Total	0.00	0.00	0.00	1.00
All India Total	3398.23	3562.30	61525.49	53745.27

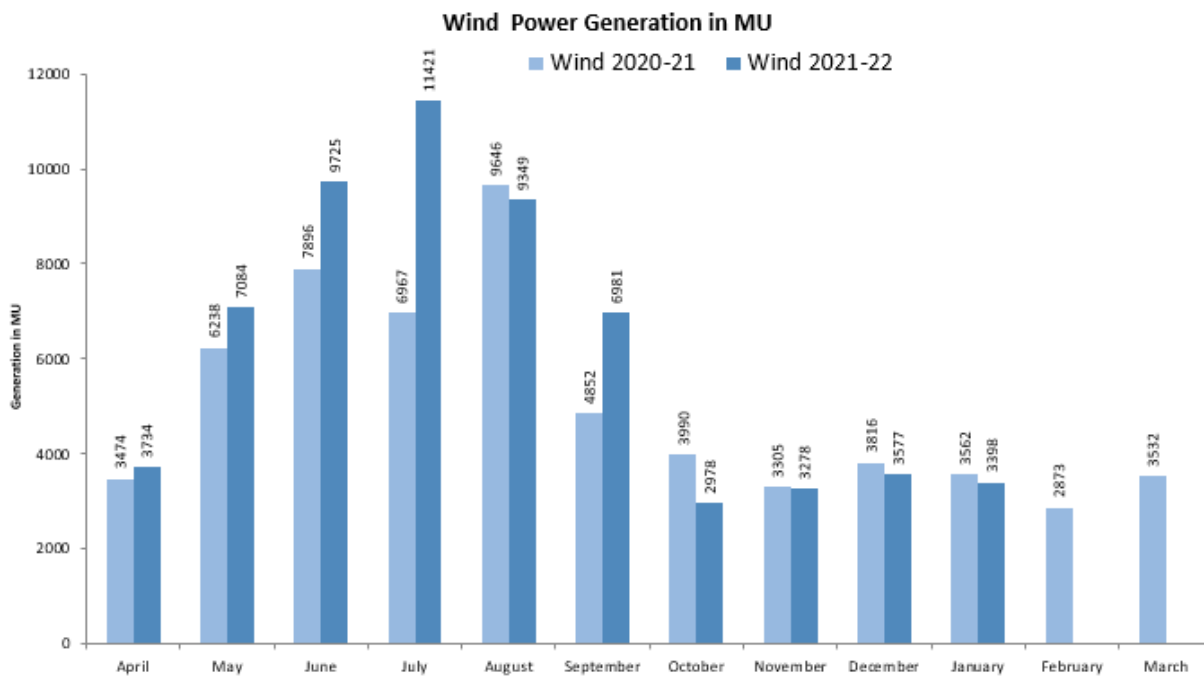


Figure 13 Monthly Wind Power Generation (2021-22 Up to January -22)

Table 4 State Wise Solar Power Generation

Name of State/UT	Solar Power Generation(MU) January'2022	Solar Power Generation(MU) January'2021	Solar Power Generation(MU) April'2021- January'2022	Solar Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.99	0.17	12.21	6.74
Delhi	20.04	12.22	185.76	163.09
Haryana	54.17	27.68	446.94	93.39
Himachal Pradesh	3.31	2.78	37.09	30.54
J & K	0.00	1.23	1.71	6.60
Ladakh	0.00	0.00	0.00	0.00
Punjab	82.02	74.10	1222.03	1125.03
Rajasthan	1756.63	801.05	12736.28	8529.58
Uttar Pradesh	190.88	133.05	2274.16	1383.58
Uttarakhand	24.63	17.10	246.30	280.38
Northern Region Total	2132.67	1069.37	17162.48	11618.91
Western Region				
Chhattisgarh	36.53	33.08	343.54	300.89
Gujarat	653.29	456.31	5345.47	3663.82
Madhya Pradesh	328.85	336.77	3177.39	3410.91
Maharashtra	280.49	224.65	2583.63	2074.37
Dadra and Nagar Haveli	4.36	3.29	38.45	7.29
Daman & Diu	3.01	2.80	29.30	22.12
Goa	1.51	0.14	11.80	1.22
Western Region Total	1308.03	1057.04	11529.58	9480.62
Southern Region				
Andhra Pradesh	691.03	636.57	6335.67	5472.39
Telangana	568.90	539.21	5248.60	5125.24
Karnataka	1181.30	1018.72	10613.14	10789.96
Kerala	48.54	30.87	392.66	225.10
Tamil Nadu	596.74	437.49	5785.38	4873.96
Lakshadweep	0.01	0.03	0.28	0.40
Puducherry	1.02	1.02	10.20	4.35
Southern Region Total	3087.54	2663.91	28385.93	26491.40
Eastern Region			0.00	

Andaman Nicobar	1.89	2.12	17.50	20.11
Bihar	11.43	11.55	130.20	137.53
Jharkhand	1.40	1.55	14.50	13.91
Orissa	51.58	48.76	476.83	374.81
Sikkim	0.00	0.00	0.00	0.00
West Bengal	7.35	7.47	77.92	55.25
Eastern Region Total	73.65	71.45	716.94	601.60
North Eastern Region			0.00	
Arunachal Pradesh	0.13	0.12	1.39	1.25
Assam	7.89	0.57	60.73	4.75
Manipur	0.52	0.97	5.45	6.83
Meghalaya	0.00	0.00	0.47	0.00
Mizoram	0.09	1.44	1.51	1.79
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.57	0.54	5.04	5.04
North Eastern Region Total	9.19	3.64	74.59	19.66
All India Total	6611.09	4865.41	57869.53	48212.20

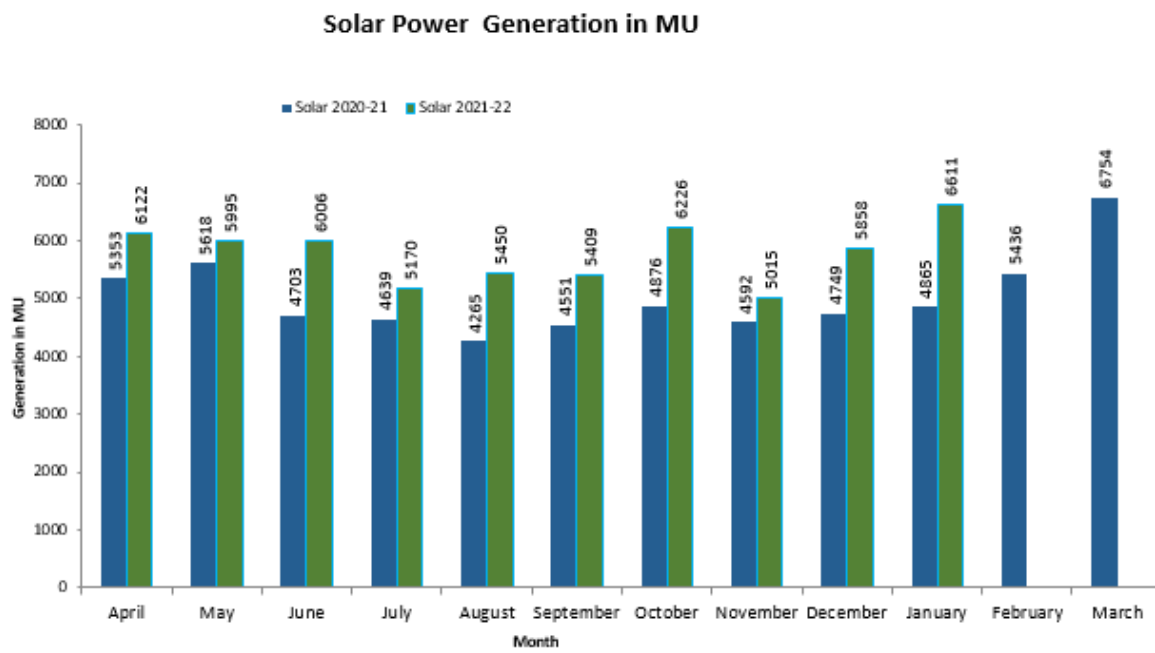


Figure 14 Monthly Solar Power Generation (2021-22 Up to January -22)

Table 5 State Wise Biomass Power Generation

Name of State/UT	Biomass Power Generation(MU) January'2022	Biomass Power Generation(MU) January'2021	Biomass Power Generation(MU) April'2021- January'2022	Biomass Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	11.81	16.32	133.45	149.26
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	52.95	48.72	479.52	485.70
Rajasthan	31.23	37.90	313.16	349.64
Uttar Pradesh	10.60	26.92	66.25	119.37
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	106.59	129.86	992.38	1103.97
Western Region				
Chhattisgarh	122.38	117.82	1071.09	851.81
Gujarat	0.00	0.00	0.00	43.14
Madhya Pradesh	8.26	0.06	11.88	0.38
Maharashtra	30.01	30.17	266.28	278.74
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.16	1.10	10.07	8.33
Goa	0.00	0.00	0.00	0.00
Western Region Total	161.81	149.16	1359.32	1182.40
Southern Region				
Andhra Pradesh	8.71	10.20	88.33	110.33
Telangana	8.88	14.50	93.60	137.30
Karnataka	12.83	18.14	152.22	177.40
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	13.47	12.80	96.10	121.92
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	43.89	55.65	430.26	546.96
Eastern Region				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	2.14	2.14	17.02
Jharkhand	0.00	0.00	0.00	0.00
Orissa	9.40	2.24	83.83	26.34
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region Total	9.40	4.38	85.97	43.36
North Eastern Region				
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 Total	0.00	0.00	0.00	0.00
All India Total	321.69	339.05	2867.92	2876.69

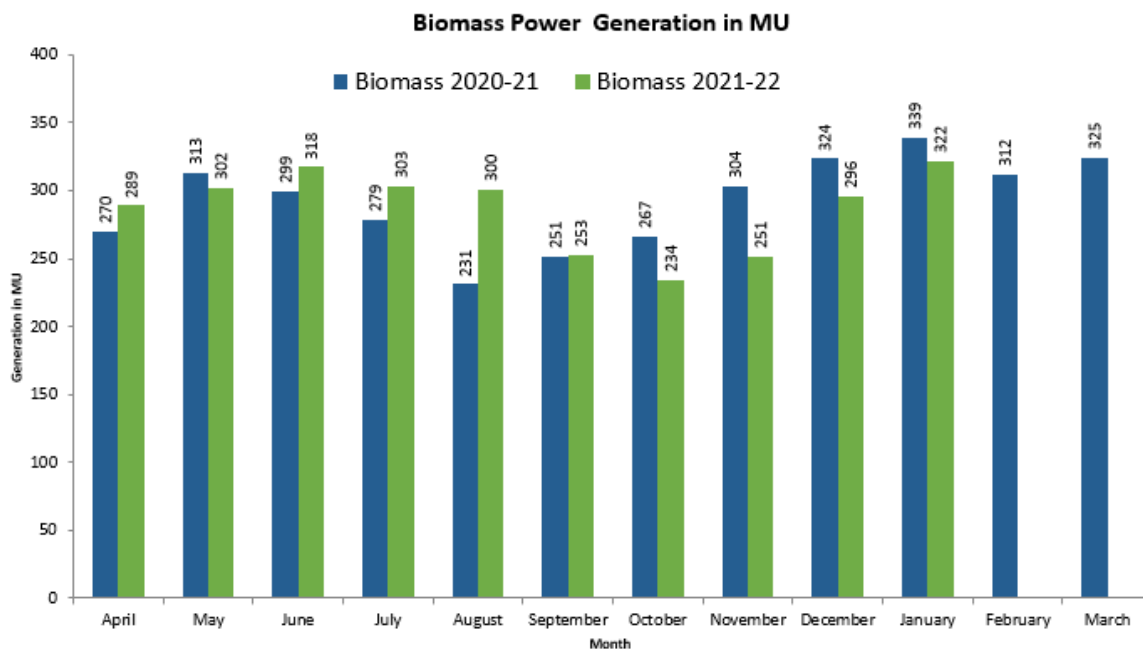


Figure 15 Monthly Biomass Power Generation (2021-22 Up to January -22)

Table 6 State Wise Bagasse Power Generation

Name of State/UT	Bagasse Power Generation(MU) January'2022	Bagasse Power Generation(MU) January'2021	Bagasse Power Generation(MU) April'2021- January'2022	Bagasse Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	20.95	22.20	55.64	100.92
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	42.90	46.96	123.29	139.18
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	546.02	568.90	2139.47	2505.60
Uttarakhand	20.26	15.58	202.60	44.81
Northern Region Total	630.13	653.64	2521.00	2790.50
Western Region				
Chhattisgarh	2.24	7.00	4.57	15.52
Gujarat	3.11	3.78	15.19	15.08
Madhya Pradesh	21.87	19.96	44.87	45.70
Maharashtra	810.50	728.15	2905.76	2454.04
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 Total	837.72	758.89	2970.39	2530.34
Southern Region				
Andhra Pradesh	11.32	11.88	47.44	46.43
Telangana	23.10	19.06	61.31	42.89
Karnataka	496.32	493.69	2425.70	1968.86
Kerala	4.33	4.20	40.98	38.74
Tamil Nadu	51.89	63.64	433.19	397.41
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	586.96	592.47	3008.62	2494.33
Eastern Region				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	20.46	0.00	42.97	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	0.00	0.00	0.00	148.73
Eastern Region Total	20.46	0.00	42.97	150.21
North Eastern Region				
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 Total	0.00	0.00	0.00	0.00
All India Total	2075.27	2005.00	8542.98	7965.38

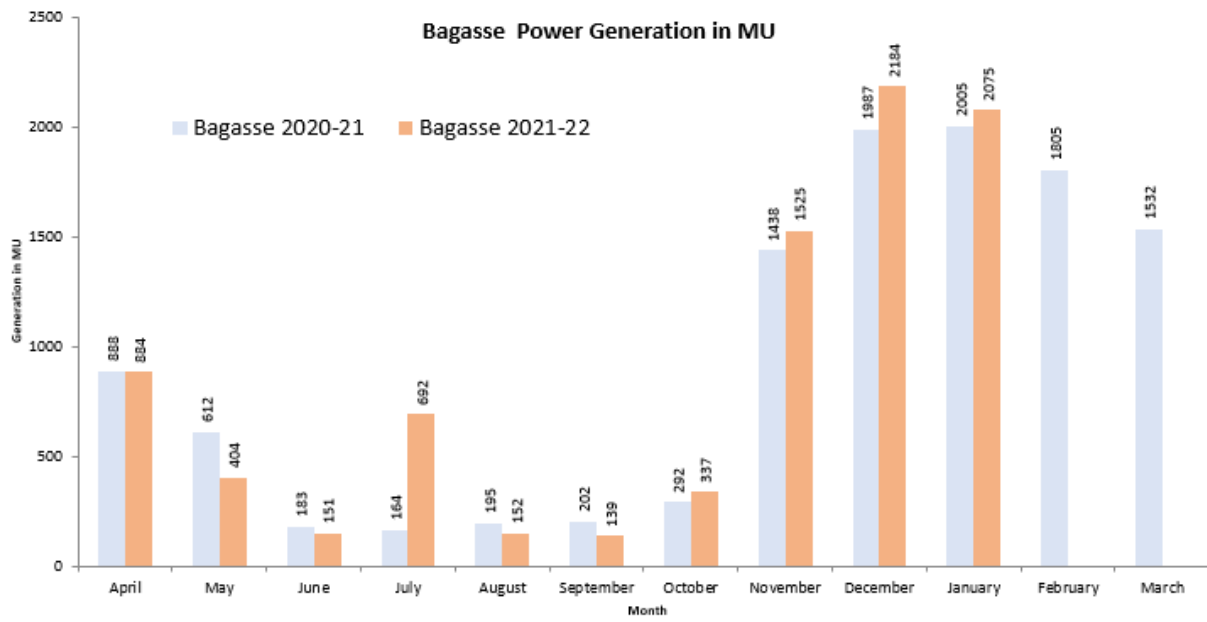


Figure 16 Monthly Bagasse Power Generation (2021-22 Up to January -22)

Table 7 State Wise Small Hydro Generation

Name of State/UT	small Hydro Power Generation(MU) January'2022	small Hydro Power Generation(MU) January'2021	small Hydro Power Generation(MU) April'2021-January'2022	small Hydro Power Generation(MU) April'2020-January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	20.60	11.88	225.67	264.26
Himachal Pradesh	51.91	56.21	1806.12	2010.01
J & K	18.20	20.40	356.53	388.31
Ladakh	0.00	0.00	0.00	0.00
Punjab	19.05	43.97	925.26	641.73
Rajasthan	1.61	2.77	4.69	8.30
Uttar Pradesh	7.39	17.43	121.79	125.81
Uttarakhand	26.78	33.48	267.80	768.32
Northern Region Total	145.54	186.13	3707.87	4206.74
Western Region				
Chhattisgarh	7.68	8.50	174.99	130.14
Gujarat	22.10	18.61	148.30	172.73
Madhya Pradesh	18.47	26.65	190.68	249.90
Maharashtra	63.27	65.10	629.53	652.61
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 Total	111.52	118.86	1143.50	1205.38
Southern Region				
Andhra Pradesh	43.39	48.87	314.16	279.11
Telangana	7.58	8.27	77.93	55.93
Karnataka	113.97	96.83	2282.45	2058.00
Kerala	41.38	39.73	792.32	593.04
Tamil Nadu	28.27	33.59	265.87	216.86
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	234.59	227.29	3732.73	3202.94
Eastern Region				
Andaman Nicobar	0.86	0.72	11.78	13.37
Bihar	1.32	0.00	5.83	43.20
Jharkhand	2.56	0.60	7.94	8.78
Orissa	16.14	15.06	346.78	333.24
Sikkim	1.03	5.41	10.30	49.52
West Bengal	1.76	2.60	138.72	100.39
Eastern Region Total	23.67	24.38	521.34	548.50
North Eastern Region				
Arunachal Pradesh	0.04	0.05	0.31	0.45
Assam	2.82	4.66	35.03	32.33
Manipur	0.00	0.00	0.00	0.00

Name of State/UT	small Hydro Power Generation(MU) January'2022	small Hydro Power Generation(MU) January'2021	small Hydro Power Generation(MU) April'2021-January'2022	small Hydro Power Generation(MU) April'2020-January'2021
Meghalaya	3.99	5.97	37.22	47.23
Mizoram	3.01	0.29	20.39	30.69
Nagaland	3.70	4.86	57.03	61.76
Tripura	0.00	1.67	1.44	6.70
North Eastern Region Total	13.56	17.51	151.43	179.16
All India Total	528.88	574.17	9256.86	9342.72

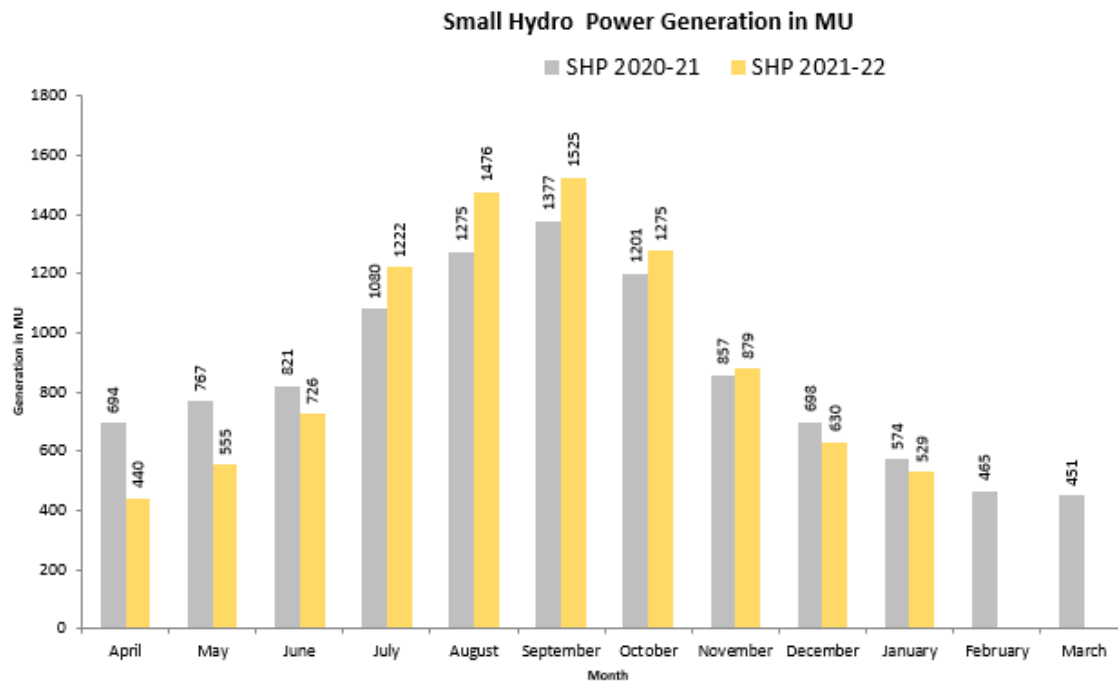


Figure 17 Monthly Small Hydro Power Generation (2021-22 Up to January -22)

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

Name of State/UT	Others Generation(MU) January'2022	Power Generation(MU) January'2021	Others Generation(MU) April'2021- January'2022	Power Generation(MU) April'2020- January'2021
Northern Region				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	19.07	13.78	197.04	192.80
Haryana	3.28	0.00	16.53	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	0.01	0.00	0.23	0.08
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	7.90	0.00	20.40	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	30.26	13.78	234.20	192.88
Western Region				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	0.00	10.61
Madhya Pradesh	3.45	2.93	26.88	29.57
Maharashtra	0.06	0.01	0.11	0.06
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Goa	0.10	0.00	0.27	0.00
Western Region Total	3.61	2.94	27.26	40.24
Southern Region				
Andhra Pradesh	16.73	10.12	94.91	46.48
Telangana	18.33	4.45	193.75	53.83
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 Total	35.06	14.57	288.66	100.31
Eastern Region				
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	145.53	133.21	1325.63	952.46
Eastern Region Total	145.53	133.21	1325.63	952.46
North Eastern Region				
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

Name of State/UT	Others Generation(MU) January'2022	Power Generation(MU) January'2021	Others Generation(MU) April'2021- January'2022	Power Generation(MU) April'2020- January'2021
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 Total	0.00	0.00	0.00	0.00
All India Total	214.45	164.50	1875.76	1285.88

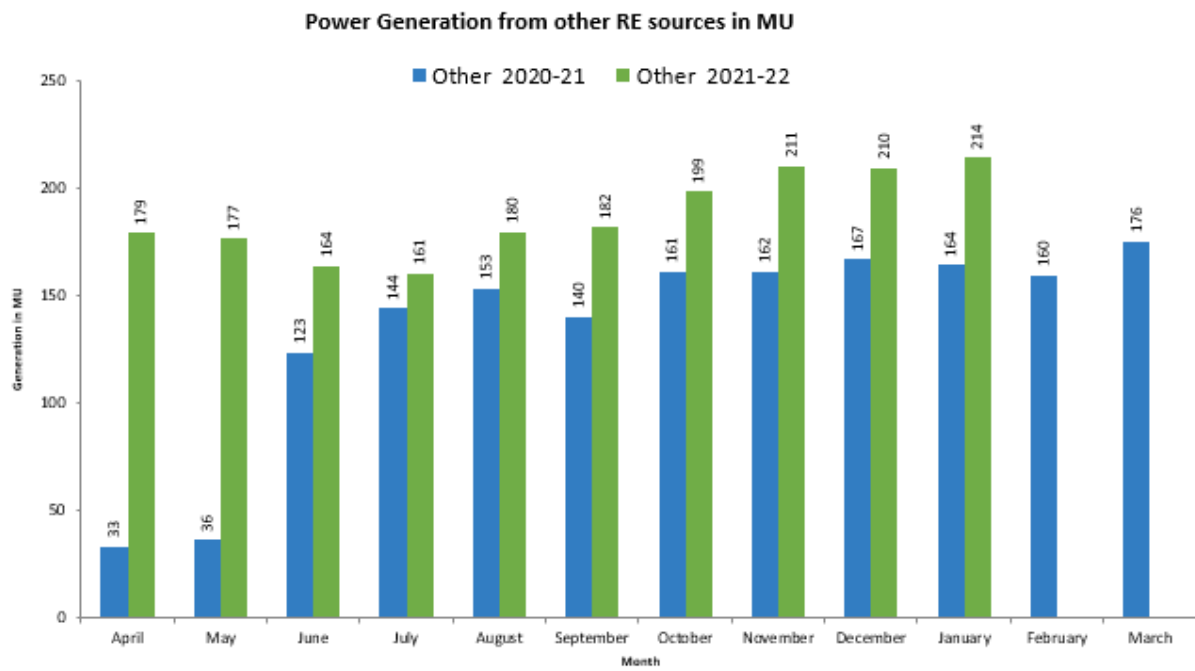


Figure 18 Monthly Other RE (Waste Heat etc) Power (2021-22 Up to January -22)

Table 9: Renewable Energy Generation by ISGS Stations

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	NTPC	Solar	10	0.73
Dadri Solar	Uttar Pradesh	Central	NTPC	Solar	5	0.30
Singrauli Solar	Uttar Pradesh	Central	NTPC	Solar	15	1.48
Auraiya	Uttar Pradesh	Central	NTPC	Solar	20	1.67
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	300	57.59
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	350	57.34
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	600	87.13
Adani Renewable Energy Four Pvt Ltd	Rajasthan	Private	IPP	Solar	300	8.90
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	300	54.35
Mahoba Solar (Up) Private Ltd	Rajasthan	Private	IPP	Solar	200	36.72
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	300	42.78
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	200	32.89
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	300	9.40
Azure Power Forty One Private Limited	Rajasthan	Central	IPP	Solar	175	28.28
Mahindra Renewable Private Limited	Rajasthan	Central	IPP	Solar	250	45.60
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	IPP	Solar	300	53.95
SB Energy Four Pvt Ltd	Rajasthan	Central	IPP	Solar	150	33.35
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	250	39.98
Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	360	74.24
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	300	9.05
SB Energy Six Private Ltd.	Rajasthan	Central	IPP	Solar	350	57.78
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	150	11.36
Azure Power Thirty Four Private Ltd	Rajasthan	Central	IPP	Solar	300	24.57
Renew Sun Waves Private Limited	Rajasthan	Central	IPP	Solar	300	54.46

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Central	IPP	Solar	300	72.10
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Central	IPP	Solar	300	37.02
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Central	IPP	Solar	100	23.72
Avaada RJHN	Rajasthan	Central	IPP	Solar	300	16.50
Avaada Sunce	Rajasthan	Central	IPP	Solar	126	25.44
Avaada Sustainable	Rajasthan	Central	IPP	Solar	200	5.78
Ayana Renewable One	Rajasthan	Central	IPP	Solar	140	25.43
Nindan Solar Fatehgar	Rajasthan	Central	IPP	Solar	300	7.33
Renew Jharkhand	Rajasthan	Central	IPP	Solar	300	53.95
Renew Solar Urja	Rajasthan	Central	IPP	Solar	300	49.37
Renew Sun Bright	Rajasthan	Central	IPP	Solar	300	54.12
Northern Region					8451.00	1194.66
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	250	35.85
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	250	36.62
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	300	34.75
ESPL RSP Solar	Gujarat	Private	IPP	Solar	200	40.34
TPREL RSP Solar	Gujarat	Private	IPP	Solar	100	20.72
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	100	21.11
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	250	43.88
Alfnar Wind	Gujarat	Private	IPP	Wind	400	45.12
Adani Green Energy Mp Ltd(Dayapar)	Gujarat	Private	IPP	Wind	250	86.43
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	300	45.82
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	500	39.17
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	250	29.83
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	250	52.34
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	300	61.51
Western Region **					3700.00	593.49
Beetam(Tuticorin)**	Tamil Nadu	Private	IPP	Wind	300	33.38

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	250	27.08
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	250	25.13
Mytra	Tamil Nadu	Private	IPP	Wind	200	25.35
Orange	Tamil Nadu	Private	IPP	Wind	84	37.04
Green Infra	Lakshadweep	Private	IPP	Wind	279	45.06
Biwadi	Andhra Pradesh	Private	IPP	Solar	50	9.56
Hisar	Andhra Pradesh	Private	IPP	Solar	50	9.57
Karnal	Andhra Pradesh	Private	IPP	Solar	50	8.92
Ayana	Andhra Pradesh	Private	IPP	Solar	250	48.43
Azure	Andhra Pradesh	Private	IPP	Solar	50	8.10
FRV2	Andhra Pradesh	Private	IPP	Solar	50	0.50
FRV	Andhra Pradesh	Private	IPP	Solar	50	0.41
NTPC	Andhra Pradesh	Private	IPP	Solar	250	33.52
SBG	Andhra Pradesh	Private	IPP	Solar	250	47.14
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	100	48.65
Tata	Andhra Pradesh	Private	IPP	Solar	250	16.52
Adyah10	Karnataka	Private	IPP	Solar	50	0.49
Adyah13	Karnataka	Private	IPP	Solar	50	0.50
Adyah1	Karnataka	Private	IPP	Solar	350	0.51
Adyah2	Karnataka	Private	IPP	Solar	50	0.51
Adyah3	Karnataka	Private	IPP	Solar	50	0.52
Adyah6	Karnataka	Private	IPP	Solar	50	0.52
Amplus	Karnataka	Private	IPP	Solar	50	9.42
Avaada	Karnataka	Private	IPP	Solar	100	29.41
Avaada Solarise	Karnataka	Private	IPP	Solar	150	28.89
Azure Power	Karnataka	Private	IPP	Solar	150	21.04

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Fortum Finsurya	Karnataka	Private	IPP	Solar	100	17.69
Fortum	Karnataka	Private	IPP	Solar	200	48.95
Kredl	Karnataka	Private	IPP	Solar	250	8.98
Parampujya	Karnataka	Private	IPP	Solar	150	29.15
Renew	Karnataka	Private	IPP	Solar	150	8.92
SBG	Karnataka	Private	IPP	Solar	150	40.68
Tata	Karnataka	Private	IPP	Solar	300	77.51
Yarrow	Karnataka	Private	IPP	Solar	400	9.87
Southern Region **					5879	757.92
Total					18030	2546.07

Table 10 Renewable Energy Generation by CPSU Owned stations

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) January'20 22	RE Generation (MU)' January 2021	RE Generation (MU) April'2021-January20 22	RE Generation (MU) April'2020-January '2021
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.37	0.41	5.47	5.57
NTPC Bhadla	Rajasthan	260	Solar	33.89	33.98	362.91	366.21
NTPC Jetsar	Rajasthan	80	Solar	9.59	0.00	30.33	0.00
NTPC Fatehgarh	Rajasthan	50	Solar	8.77	0.00	9.25	0.00
NTPC Dadri_Solar *	Uttar Pradesh	5	Solar	0.31	0.36	5.19	5.49
NTPC Unchahar_Solar *	Uttar Pradesh	10	Solar	0.75	0.82	9.86	11.53
NTPC Singrauli_Solar *	Uttar Pradesh	15	Solar	1.55	1.60	16.10	17.30
NTPC Auraiya	Uttar Pradesh	20	Solar	1.71	1.27	25.80	3.12
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	2.14	0.48	16.53	14.19
NTPC Rojmal	Gujarat	50	Wind	8.35	8.34	87.62	71.16
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	6.19	6.30	59.29	64.05
NTPC Mandsaur	Madhya Pradesh	250	Solar	33.12	32.31	307.41	327.16
NTPC Anantapuram	Andhra Pradesh	250	Solar	34.48	33.12	304.73	305.77
NTPC Ramagundam	Telangana	27.5	Solar	1.96	1.17	16.57	11.62
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.56	0.58	4.35	4.18
NTPC Talchar_Solar	Orissa	10	Solar	1.44	1.14	10.07	11.31
NTPC Solar_Bilhaur	Uttar Pradesh	225	Solar	27.19	3.63	370.35	3.63
Simhadri Floating Project	Andhra Pradesh	25	Solar	4.65	0.00	20.69	0.00
Total NTPC		1365.50		177.02	125.51	1662.52	1222.29
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	5.86	7.14	69.85	65.97
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	12.63	13.39	137.11	119.36
THDC Solar Kasaragod	Kerala	50	Solar	9.64	5.35	70.75	5.35
THDCIL's premises at Rishikesh	Uttar Pradesh	0.5	Solar	0.02	0.03	0.30	0.37
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	0.79	6.74	41.40	58.74
Total THDC		187.5		28.94	32.65	319.41	249.79
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	2.65	3.84	66.89	49.11
NHPC Solar Power Project	Tamilnadu	50	Solar	7.80	6.20	72.54	67.12
Total NHPC		100		10.45	10.03	139.43	116.24
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	3.73	4.75	79.06	58.77

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) January'20 22	RE Generation (MU)' January 2021	RE Generation (MU) April'2021-January20 22	RE Generation (MU) April'2020-January '2021
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	4.41	5.61	126.04	104.81
ONGC Solar, Goa	Goa	1.00	Solar	0.14	0.14	1.17	1.20
ONGC Solar, Hazira	Gujarat	10.00	Solar	1.32	1.34	11.76	12.28
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.81	0.58	5.94	6.35
ONGC Solar, Rajahmundry	Andhra Pradesh	1.00	Solar	0.09	0.10	0.88	0.96
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.12	0.10	1.13	0.63
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.50	0.18	1.04	1.72
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.50	0.41	4.49	3.93
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.16	0.12	1.44	1.40
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.10	0.11	1.16	1.20
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.02	0.23	0.22
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.01	0.02
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.01	0.08	0.06
ONGC Solar, DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00	0.00
Total ONGC		184.05		11.90	13.46	234.41	193.55
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	0.67	0.68	42.44	44.71
Sadla Wind Power	Gujarat	50.00	Solar	8.54	4.84	80.63	62.98
Charanka Solar Power	Gujarat	5.60	Solar	0.67	0.79	6.21	5.51
Total SJVN		103.2		9.89	6.31	129.27	113.20
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.77	1.96	17.83	20.78
Oil India Ltd	Rajasthan	67.6	Wind	3.74	4.09	64.25	57.08
Oil India Ltd	Gujarat	43.3	Wind	10.47	9.96	73.64	80.05
Oil India Ltd	Madhya Pradesh	63.2	Wind	8.55	7.95	99.06	97.36
Total Oil India Ltd		188.1		24.52	23.96	254.77	255.27
NEEPCO							
NEEPCO	Tripura	5	Solar	0.50	0.52	4.63	4.37
DVC							
DVC	West Bangal	0.08	Solar	0.01	0.01	2.98	0.02
DVC	Jharkhand	4	Small Hydro	2.71	2.59	17.83	6.09

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) January'20-22	RE Generation (MU)' January 2021	RE Generation (MU) April'2021-January2022	RE Generation (MU) April'2020-January '2021
Total DVC		4.08		2.72	2.59	20.82	6.12
All India Total		2137.43		265.95	215.04	2765.27	2160.81

Renewable Energy Curtailment during January 2022

(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 January -2022			
S.No.	States	Curtailment (MU)	Source
1.	Andhra Pradesh		APTRANSCO Website- http://apps.aptransco.co.in/sldcreports/forms/BackDownWind.aspx
2.	Telangana		Information furnished by SLDC, TSTransco through email.
3.	Tamil Nadu	-	No information is available on website.
4.	Karnataka		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

Table 12 Deviation Data for ISGS

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of January 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Northern Region				
ACME CHITTORGARH ENERGY PVT LTD.	Solar	41.71	42.78	1.07
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR	Solar	70.29	74.24	3.96
ADANI RENEWABLE ENERGY FOUR PVT LTD	Solar	54.47	72.10	17.63
ADANI HYBRID ENERGY JAISALMER THREE LIMITED	Solar	37.39	37.02	-0.38
ADANI HYBRID ENERGY JAISALMER TWO LIMITED	Solar	23.75	23.72	-0.03
MAHOBA SOLAR (UP) PRIVATE LTD	Solar	36.97	36.72	-0.26
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Solar	9.38	9.40	0.02
ADANI SE4PL	Solar	9.56	8.90	-0.65
AURAIYA SOLAR	Solar	1.80	1.67	-0.13
AVAADA RIHN	Solar	17.05	16.50	-0.55
AVAADA SUNCE	Solar	20.14	25.44	5.30
AVAADA SUSTAINABLE	Solar	5.72	5.78	0.06
AYANA RENEWABLE ONE	Solar	25.51	25.43	-0.08
AZURE POWER FORTY ONE PRIVATE LIMITED	Solar	28.42	28.28	-0.13
AZURE POWER FORTY THREE PRIVATE LTD	Solar	87.44	87.13	-0.31
AZURE POWER THIRTY FOUR PRIVATE LTD	Solar	24.52	24.57	0.04
AZURE POWER INDIA PVT LTD	Solar	29.24	32.89	3.65
CLEAN SOLAR POWER (BHADLA) PVT LDT	Solar	53.35	57.34	3.99
DADRI SOLAR	Solar	0.35	0.30	-0.06
EDEN RENEWABLE CITE PRIVATE LIMITED	Solar	55.71	57.59	1.89
MAHINDRA RENEWABLE PRIVATE LIMITED	Solar	8.33	7.33	-1.00
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD	Solar	53.18	53.95	0.77
RENEW SOLAR POWER PVT LTD	Solar	9.03	9.05	0.01
RENEW SOLAR URJA	Solar	48.84	49.37	0.53
RENEW SUN BRIGHT	Solar	53.12	54.12	1.00
RENEW SUN WAVES PRIVATE LIMITED	Solar	53.60	54.46	0.86
RENEW SOLAR POWER PVT LTD. BIKANER	Solar	39.07	39.98	0.91
SB ENERGY FOUR PVT LTD	Solar	22.43	33.35	10.91
SB ENERGY SIX PRIVATE LTD.	Solar	56.74	57.78	1.03
SBSR POWER CLEANTECH ELEVEN PRIVATE LIMITED	Solar	9.96	11.36	1.40
SINGRAULI SOLAR	Solar	1.47	1.48	0.01
TATA POWER RENEWABLE ENERGY LTD	Solar	58.59	54.35	-4.25
UNCHAHAH SOLAR	Solar	0.88	0.73	-0.16
WESTERN REGION				
RENEW SOLAR (BHUVAD)	Solar	47.83	43.88	-3.94
OSTRO WIND (KUTCH)	Wind	56.36	52.34	-4.02

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of January 2022

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
MAHINDRA SOLAR (BADWAR)	Solar	32.92	34.75	1.82
ARINSUN SOLAR (BARSATADESH)	Solar	34.45	35.85	1.40
ACME SOLAR (RAMNAGAR)	Solar	34.29	36.62	2.33
GIWEL - III WIND (NARANPAR)	Wind	44.61	39.17	-5.44
GIWEL - II WIND (VADVA)	Wind	49.49	45.82	-3.68
IWISL WIND (DAYAPAR)	Wind	31.70	29.83	-1.87
ADANI GREEN ENERGY	Wind	85.69	86.43	0.74
ALFANARWIND_SECI-III	Wind	49.03	45.12	-3.91
RENEW WIND ENERGY AP2 SECI-III	Wind	62.23	61.51	-0.72
BEETAM	Wind	33.38	33.12	-0.27
GIREL	Wind	45.06	42.51	-2.54
MYTRAH	Wind	25.35	20.40	-4.95
ORANGE	Wind	37.04	30.68	-6.36
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Wind	27.08	27.83	0.74

+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 January 2022							
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	0.99	0.99	100.00
Delhi	0.00	374.44	0.00	0.00	39.11	413.55	9.46
Haryana	2449.98	1.34	0.00	0.00	110.81	2562.13	4.32
HP	0.00	0.00	0.00	1182.38	55.22	1237.60	100.00
J & K	0.00	0.00	0.00	616.93	18.20	635.13	100.00
Ladakh	0.00	0.00	0.00	14.40	0.00	14.40	100.00
Punjab	1924.19	0.00	0.00	160.26	196.93	2281.38	15.66
Rajasthan	4908.93	99.67	709.17	83.21	2049.21	7850.19	36.20
Uttar Pradesh	10981.44	0.01	331.97	121.07	762.79	12197.28	9.97
Uttarakhand	0.00	0.00	0.00	780.58	71.67	852.25	100.00
Northern Region	20264.54	475.46	1041.14	2958.83	3304.92	28044.90	26.05
Chhattisgarh	11896.77	0.00	0.00	19.87	168.84	12085.48	1.56
Gujarat	4242.77	207.41	341.06	161.40	1947.75	6900.39	35.51
Madhya Pradesh	11017.10	0.00	0.00	310.63	613.92	11941.65	7.74
Maharashtra	10086.14	348.00	424.16	346.94	1493.61	12698.85	17.83
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	4.36	4.36	100.00
Daman & Diu	0.00	0.00	0.00	0.00	4.17	4.17	100.00
Goa	0.00	0.00	0.00	0.00	1.60	1.60	100.00
Western Region	37242.78	555.41	765.22	838.84	4234.25	43636.50	13.38
Andhra Pradesh	4658.34	120.66	0.00	186.71	1094.35	6060.06	21.14
Telangana	4252.04	0.00	0.00	162.60	647.12	5061.76	16.00
Karnataka	3138.16	0.00	675.18	1229.77	2263.48	7306.59	57.05
Kerala	0.00	0.00	0.00	623.18	100.54	723.72	100.00
Tamil Nadu	5171.77	153.38	1575.16	454.89	1208.46	8563.66	37.82
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	21.36	0.00	0.00	1.02	22.38	4.56
Southern Region	17220.31	295.40	2250.34	2657.15	5314.97	27738.18	36.85
Andaman Nicobar	19.19	0.00	0.00	0.00	2.75	21.94	12.53
Bihar	4384.82	0.00	0.00	0.00	33.20	4418.02	0.75
Jharkhand	2472.90	0.00	0.00	11.35	3.96	2488.21	0.62
Orissa	4895.64	0.00	0.00	287.58	77.12	5260.35	6.93
Sikkim	0.00	0.00	0.00	306.80	1.03	307.83	100.00
West Bengal	7330.18	0.00	0.00	152.87	154.64	7637.69	4.03
Eastern Region	19102.73	0.00	0.00	758.60	272.70	20134.04	5.12
Arunachal Pradesh	0.00	0.00	0.00	172.55	0.17	172.72	100.00
Assam	270.58	276.74	0.00	21.15	10.71	579.18	5.50
Manipur	0.00	0.00	0.00	32.50	0.52	33.02	100.00

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of January 2022

State/UT	Fossil		Non Fossil				Non Fossil
Meghalaya	0.00	0.00	0.00	35.70	3.99	39.69	100.00
Mizoram	0.00	0.00	0.00	17.73	3.10	20.83	100.00
Nagaland	0.00	0.00	0.00	3.96	3.70	7.66	100.00
Tripura	0.00	588.33	0.00	0.00	0.57	588.90	0.10
North Eastern Region	270.58	865.07	0.00	283.59	22.75	1442.00	21.24
All India Total	94100.94	2191.34	4056.70	7497.03	13149.60	120995.61	20.42

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 January 2022							
State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Chandigarh	0.00	0.00	0.00	0.00	1.68	1.68	100.00
Delhi	0.00	366.16	0.00	0.00	39.11	405.27	9.65
Haryana	2141.58	0.00	0.00	0.00	110.14	2251.72	4.89
HP	0.00	0.00	0.00	1401.26	52.14	1453.40	3.59
J & K	0.00	0.00	0.00	496.09	11.95	508.04	2.35
Ladakh	0.00	0.00	0.00	16.57	0.00	16.57	0.00
Punjab	1521.04	0.00	0.00	316.53	262.72	2100.29	12.51
Rajasthan	4971.77	102.31	639.72	67.53	1627.69	7409.02	21.97
Uttar Pradesh	10299.33	0.00	329.61	121.10	885.05	11635.09	7.61
Uttarakhand	0.00	0.00	0.00	922.00	71.67	993.67	7.21
Northern Region	18933.72	468.47	969.33	3341.08	3062.14	26774.74	11.44
Chhattisgarh	12048.20	0.00	0.00	3.84	161.62	12213.66	1.32
Gujarat	4365.90	217.06	339.22	195.37	2075.84	7193.39	28.86
Madhya Pradesh	11409.87	0.00	0.00	417.90	621.05	12448.82	4.99
Maharashtra	9939.53	408.55	812.09	300.23	1314.53	12774.93	10.29
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	3.84	3.84	100.00
Daman & Diu	0.00	0.00	0.00	0.00	5.34	5.34	100.00
Goa	0.00	0.00	0.00	0.00	1.35	1.35	100.00
Western Region	37763.50	625.61	1151.31	917.34	4183.57	44641.33	09.33
Andhra Pradesh	3890.35	123.37	0.00	203.17	1007.90	5224.79	19.29
Telangana	3934.83	0.00	0.00	105.11	617.16	4657.10	13.25
Karnataka	2621.43	0.00	676.26	1022.41	2295.04	6615.14	34.69
Kerala	0.00	0.00	0.00	726.76	116.80	843.56	13.85
Tamil Nadu	4995.72	147.99	1654.42	541.47	1183.19	8522.79	13.88
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	20.90	0.00	0.00	1.02	21.92	4.65
Southern Region	15442.33	292.26	2330.68	2598.92	5221.11	25885.30	20.17
Andaman Nicobar	8.11	0.00	0.00	0.00	3.34	11.45	29.20
Bihar	4180.55	0.00	0.00	0.00	24.08	4204.63	0.57
Jharkhand	2263.03	0.00	0.00	15.80	3.96	2282.79	0.17
Orissa	4554.28	0.00	0.00	264.03	73.38	4891.69	1.50
Sikkim	0.00	0.00	0.00	426.52	1.03	427.55	0.24
West Bengal	7510.21	0.00	0.00	176.44	158.92	7845.57	2.03
Eastern Region	18516.18	0.00	0.00	882.79	264.71	19663.68	1.34
Arunachal Pradesh	0.00	0.00	0.00	209.55	0.17	209.72	0.08
Assam	365.10	309.15	0.00	29.82	10.61	714.68	1.49
Manipur	0.00	0.00	0.00	27.75	0.52	28.27	1.83

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of January 2022

State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Meghalaya	0.00	0.00	0.00	37.92	4.06	41.98	9.67
Mizoram	0.00	0.00	0.00	15.39	3.23	18.62	17.36
Nagaland	0.00	0.00	0.00	5.61	3.70	9.31	39.74
Tripura	0.00	579.19	0.00	0.00	0.57	579.76	0.10
North Eastern Region	365.10	888.34	0.00	326.04	22.87	1602.35	1.43
All India Total	91020.83	2274.68	4451.32	8066.17	12754.40	118567.40	10.76

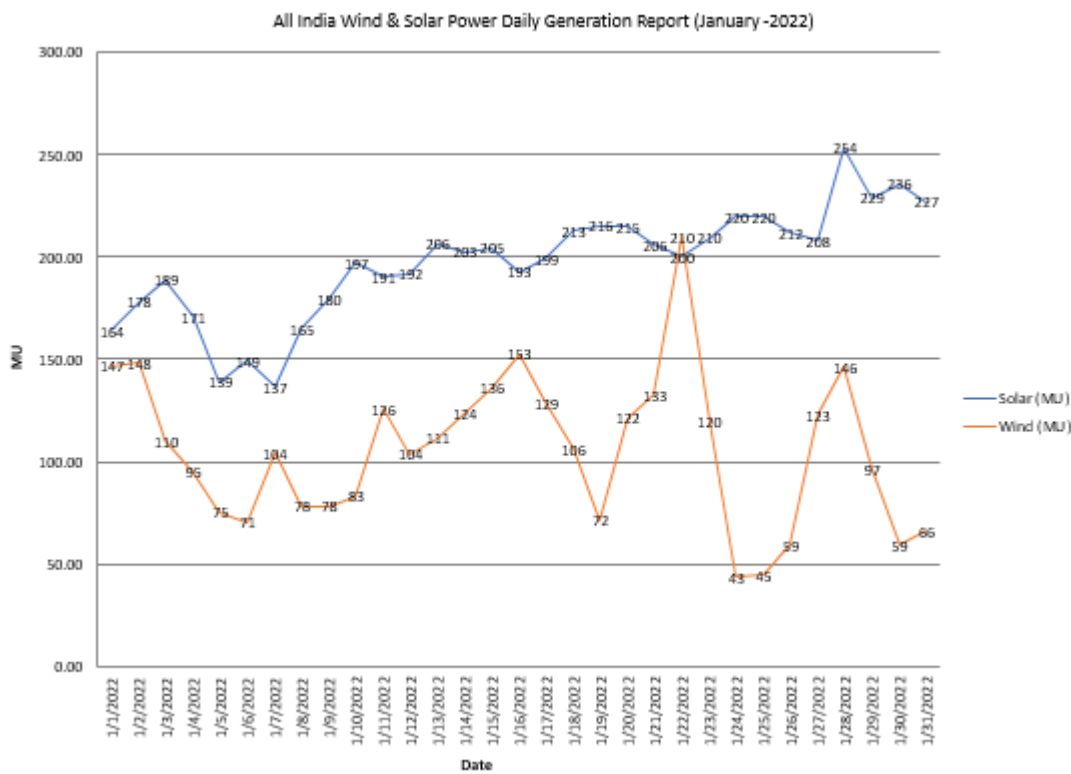


Figure 19 Daily Solar and wind Power Generation trend in the month of January -22



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