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Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority



Monthly Renewable Energy Generation Report
मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट
SEPTEMBER 2021

नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग
Renewable Energy Project Monitoring Division

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SUMMARY OF REPORT FOR THE MONTH OF SEPTEMBER 2021

Decreased by 14.29 % as compared to August 21.

Increased by 27.39 % as compared to September 20.

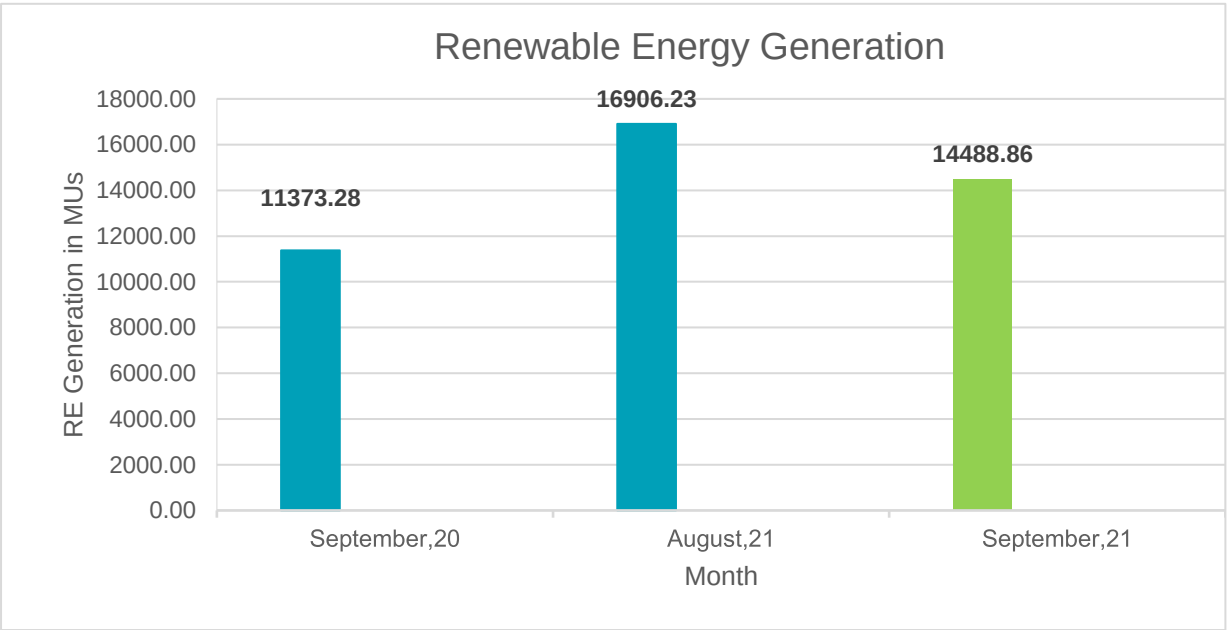


Figure 1: Renewable Energy Generation

Decreased by 52.81 % as compared to August 21.

Increased by 109.12 % as compared to September 20.

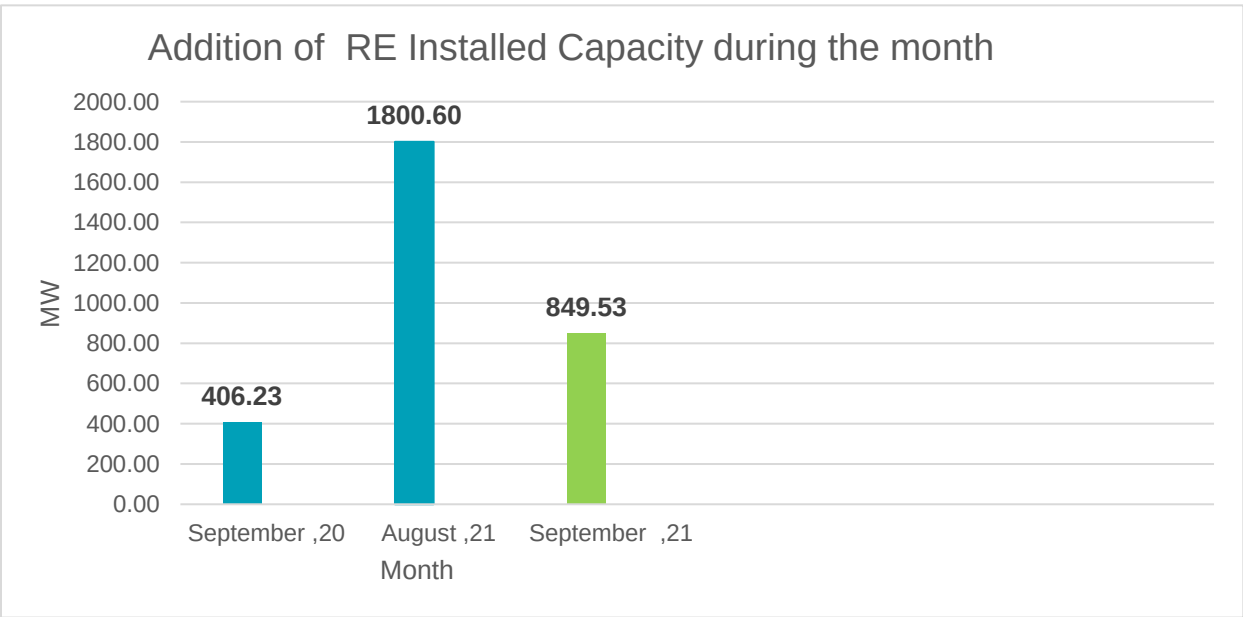


Figure 2 RE capacity added during the Month

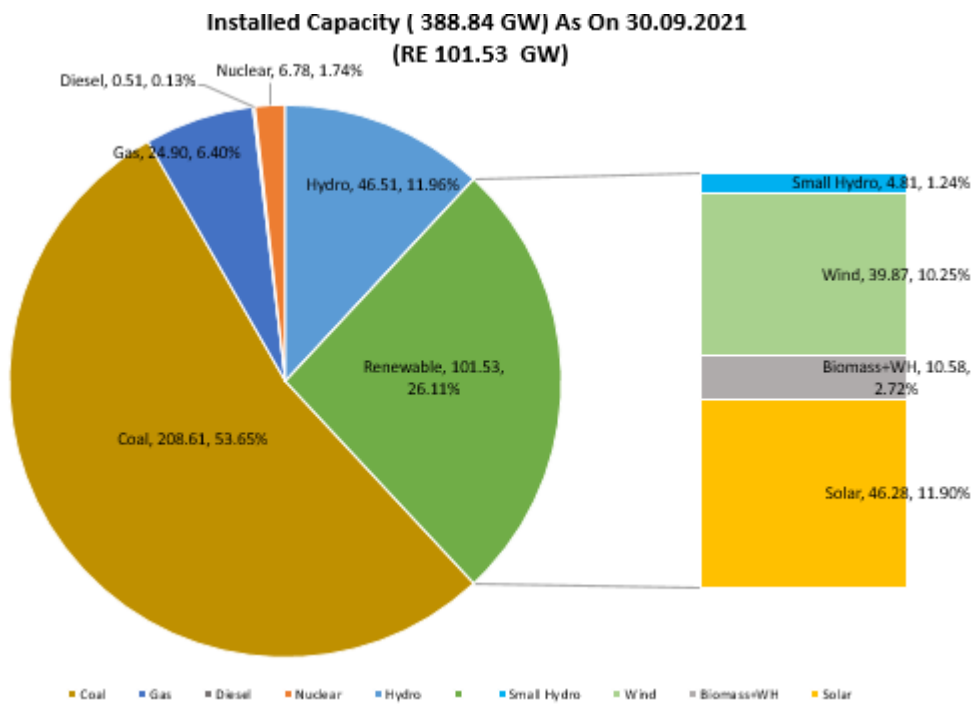


Figure 3 Installed Capacity in India as on 30.09.2021

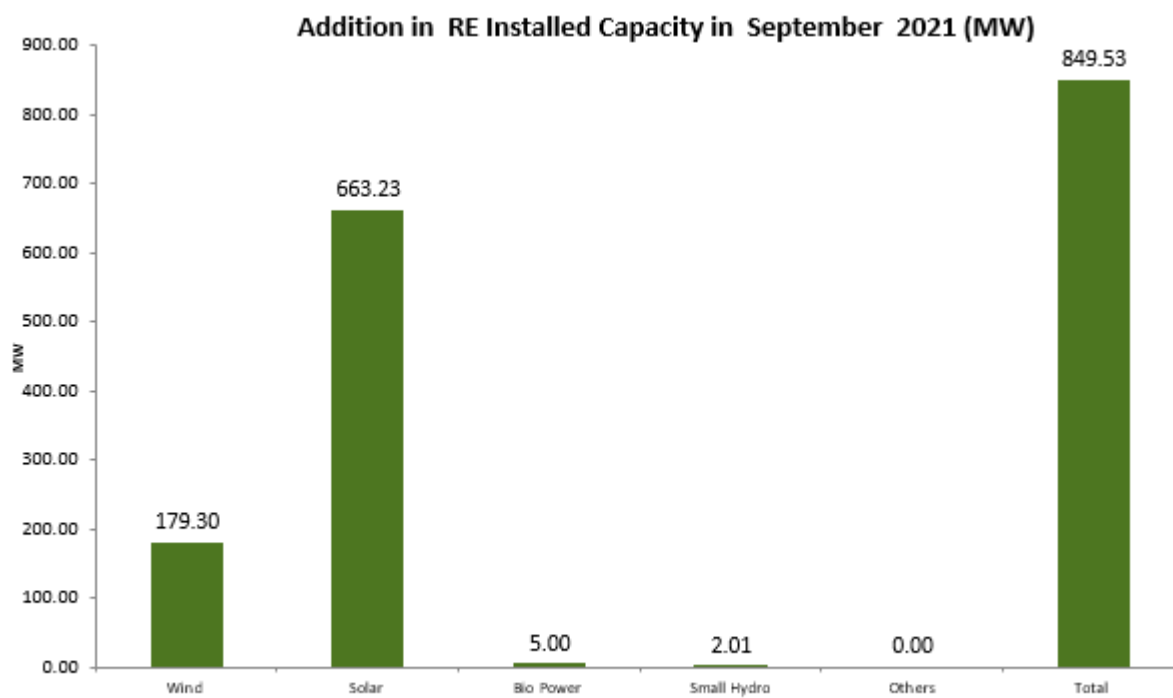


Figure 4: Source wise addition in RE Installed Capacity in September 21

HIGHLIGHTS OF RE GENERATION DURING SEPTEMBER 2021

1. RE generation increased by 27.39 % in September 2021 as compared to September 2020.
2. Wind Power generation during the month of September 2021 increased in Rajasthan, Gujarat, Madhya Pradesh, Maharashtra, Andhra Pradesh, Karnataka and Tamil Nadu, as compared to September 2020.
3. Daily wind generation increased by 43.88% as compared to September 2020 and decreased by 22.83% as compared to August 2021.
4. Solar Power generation during the month of September 2021 increased in Uttar Pradesh, Rajasthan, Gujarat, Maharashtra, Andhra Pradesh, Karnataka, Tamil Nadu, Kerala, Orissa and decreased in Punjab, Madhya Pradesh, as compared to September 2020.
5. Daily solar generation increased by 18.86 % as compared to September 2020 and increased by 02.57% as compared to August 2021.

ALL INDIA SUMMARY OF RENEWABLE ENERGY GENERATION

Source	Installed Capacity (MW) (as on 30.09.2021)	RE Generation(MU) September'2021	RE Generation(MU) September'2020	% of same period Last Year	RE Generation (MU) April'21-September'21	RE Generation (MU) April'20-September'20	% of same period Last Year
	1	3	2	4	6	5	7
Wind	39870.45	6981.27	4852.12	143.88	48294.82	39072.13	123.60
Solar	46275.14	5409.09	4550.70	118.86	34151.69	29129.90	117.24
Biomass	10175.61	252.72	251.31	100.56	1764.43	1643.82	107.34
Bagasse		138.70	201.69	68.77	2421.87	2243.28	107.96
Small Hydro	4809.81	1525.11	1377.01	110.76	5943.59	6013.07	98.84
Others	401.84	181.98	140.45	129.57	1042.31	631.12	165.15
Total	101532.85	14488.86	11373.28	127.39	93618.70	78733.31	118.91

Table 1 All India Summary of Renewable Energy Generation

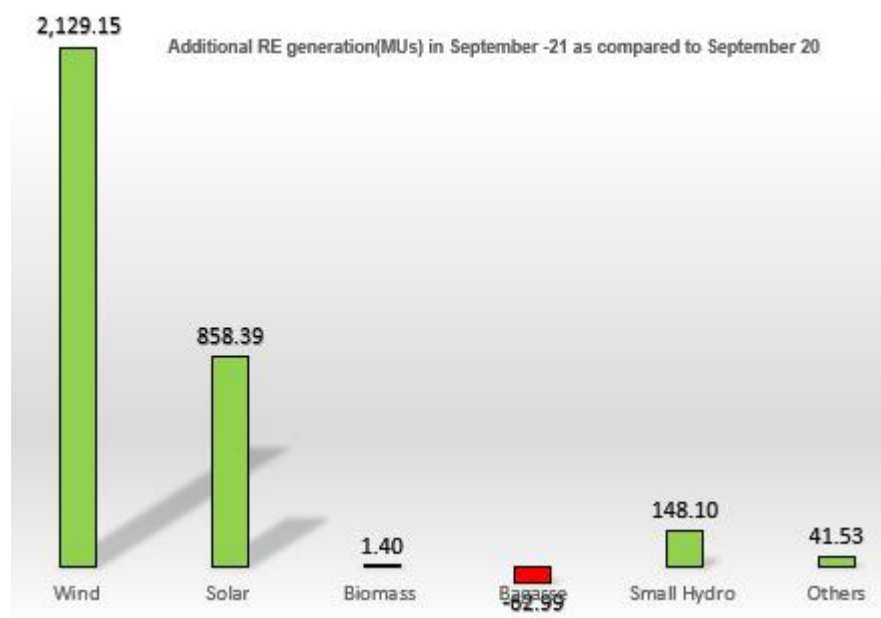


Figure 5 Additional RE Generation in September 21 compared to September 20

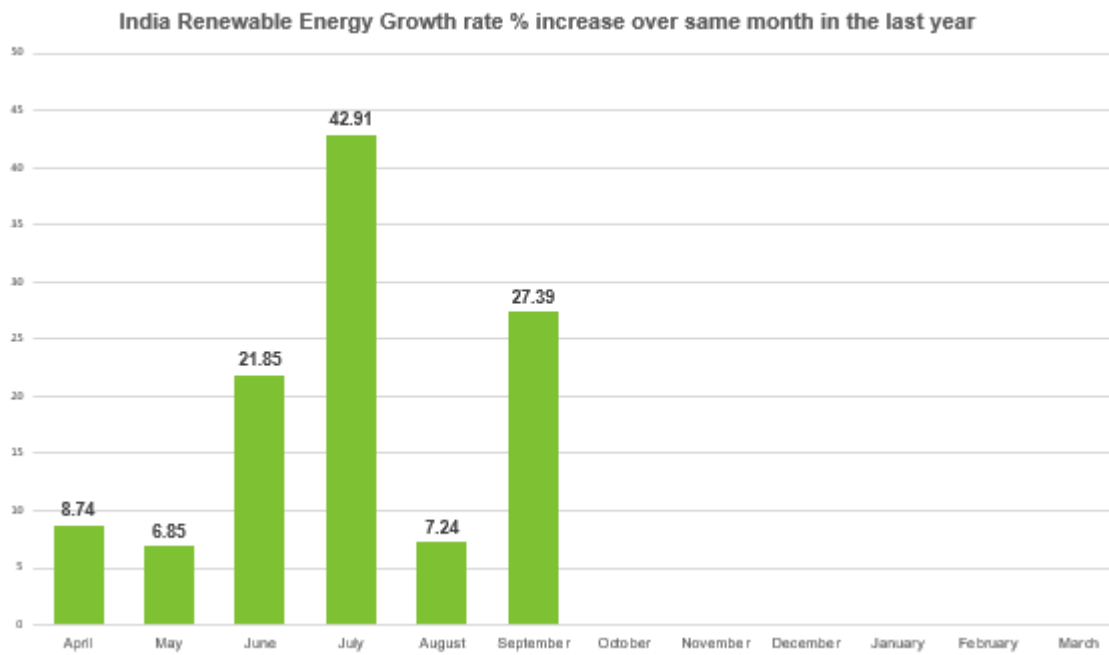


Figure 6: Month Wise Growth of RE Generation in 2021-22 w.r.t to 2020-21

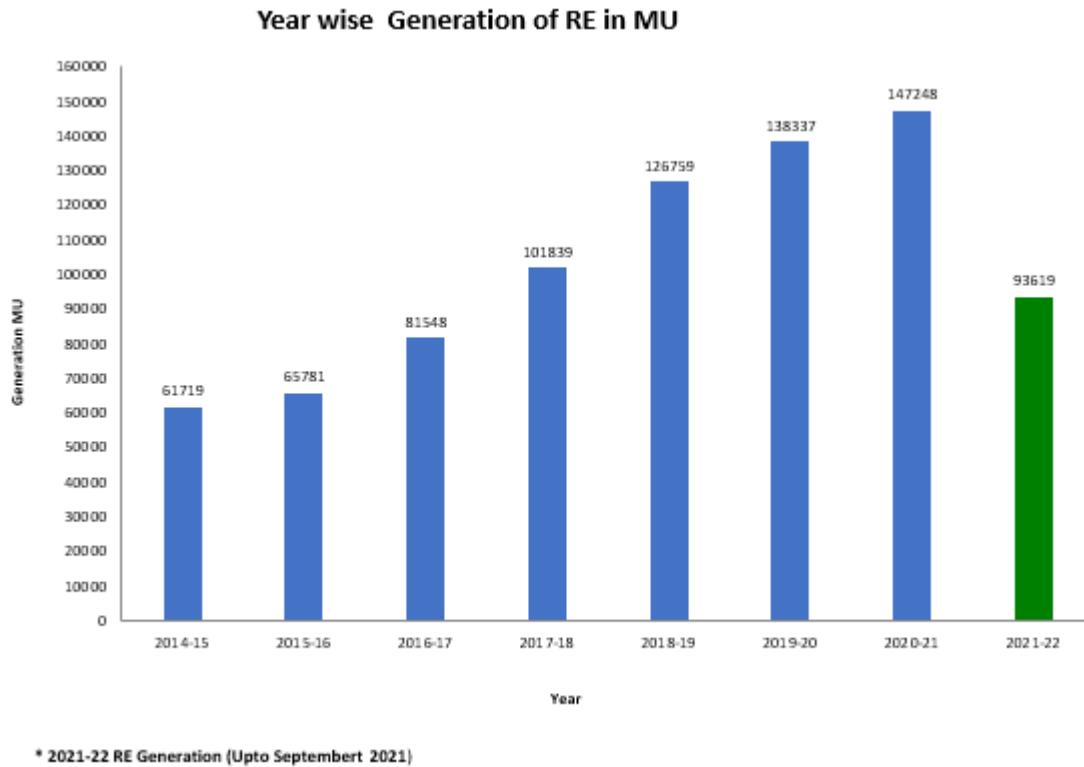


Figure 7 Year Wise RE Generation

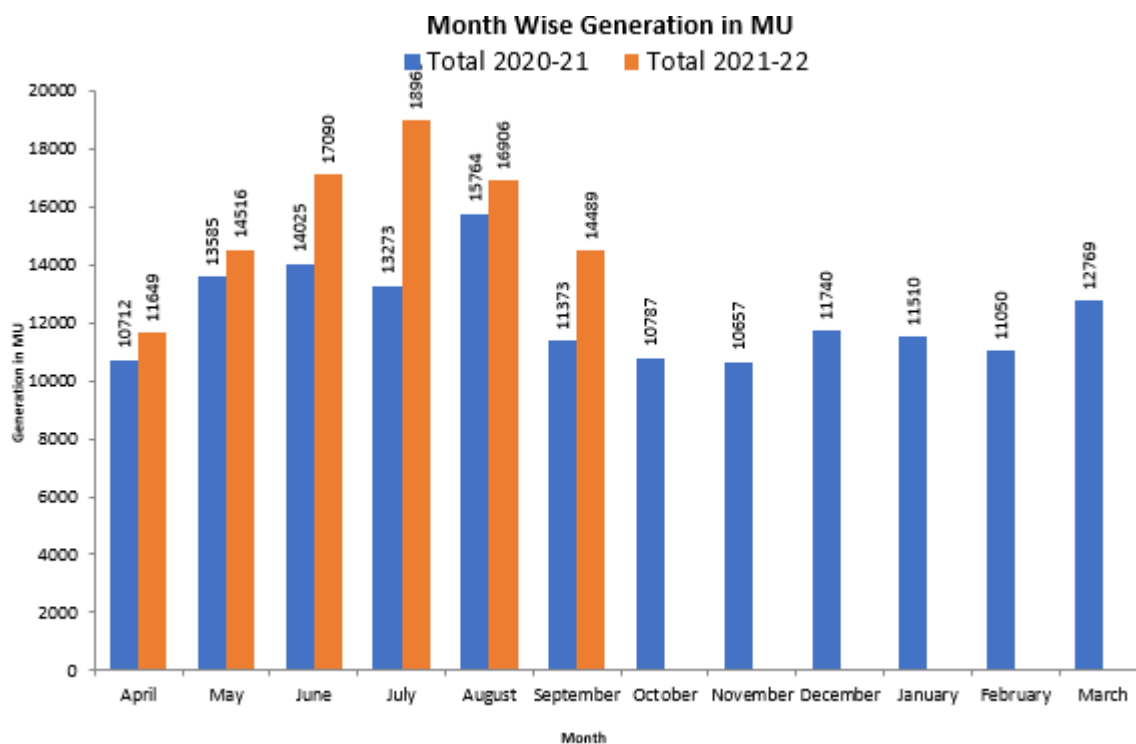


Figure 8 comparison of Month Wise RE Generation in year 2021-22 & in year 2020-21

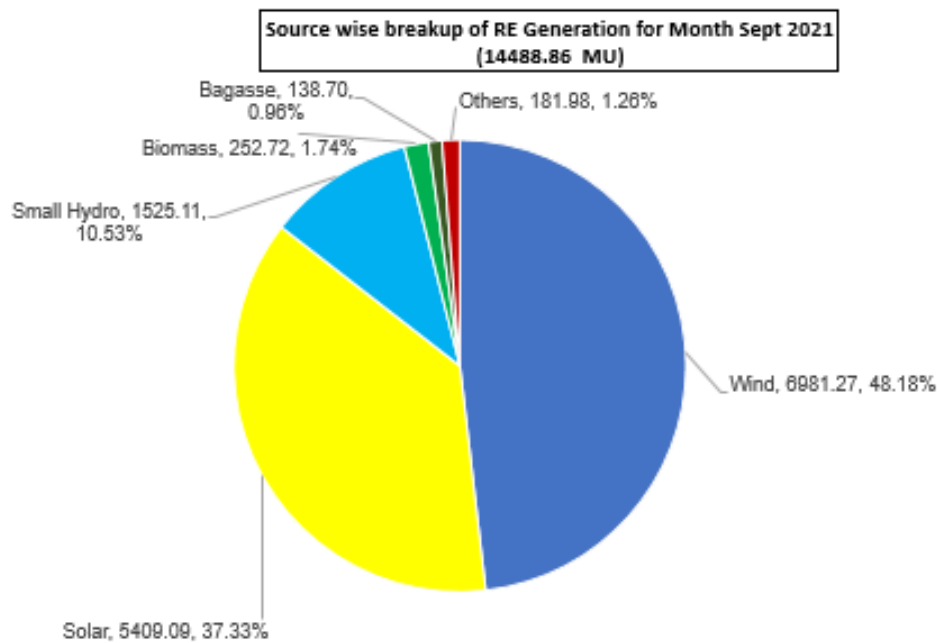


Figure 9 Source wise breakup of RE Generation in the month of September 21

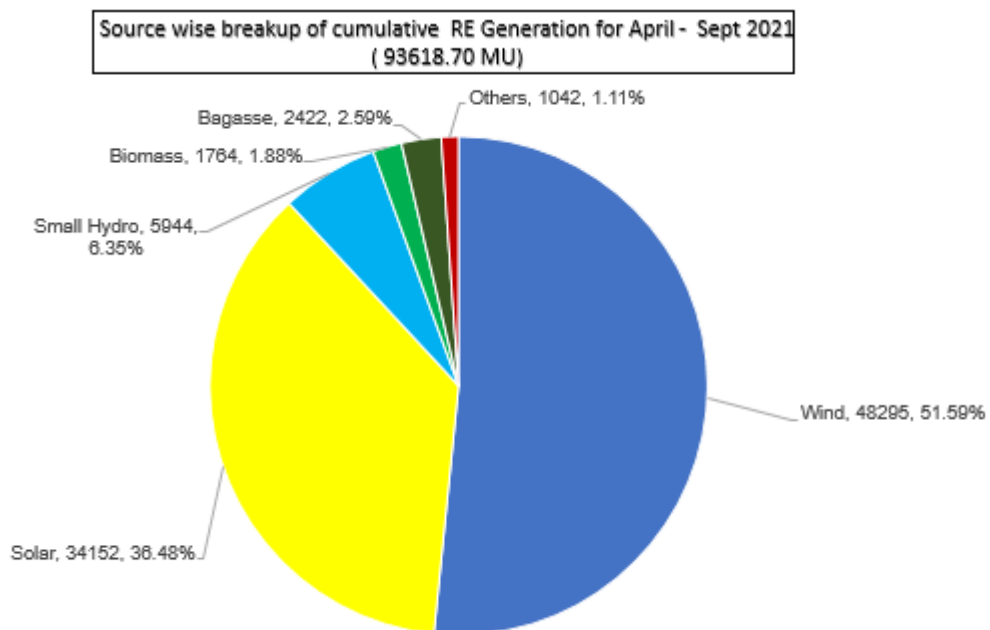


Figure 10 Source wise breakup of Cumulative RE Generation (April-21 – September -21)

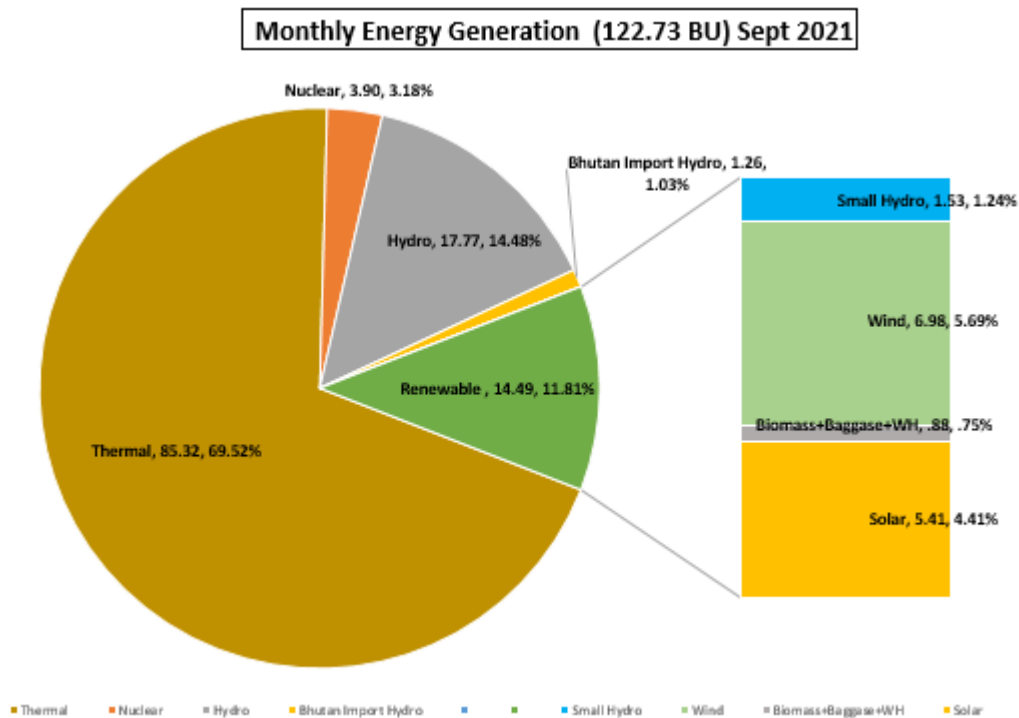


Figure 11 Total Energy Generation in India and Share of RE in the month of September-21

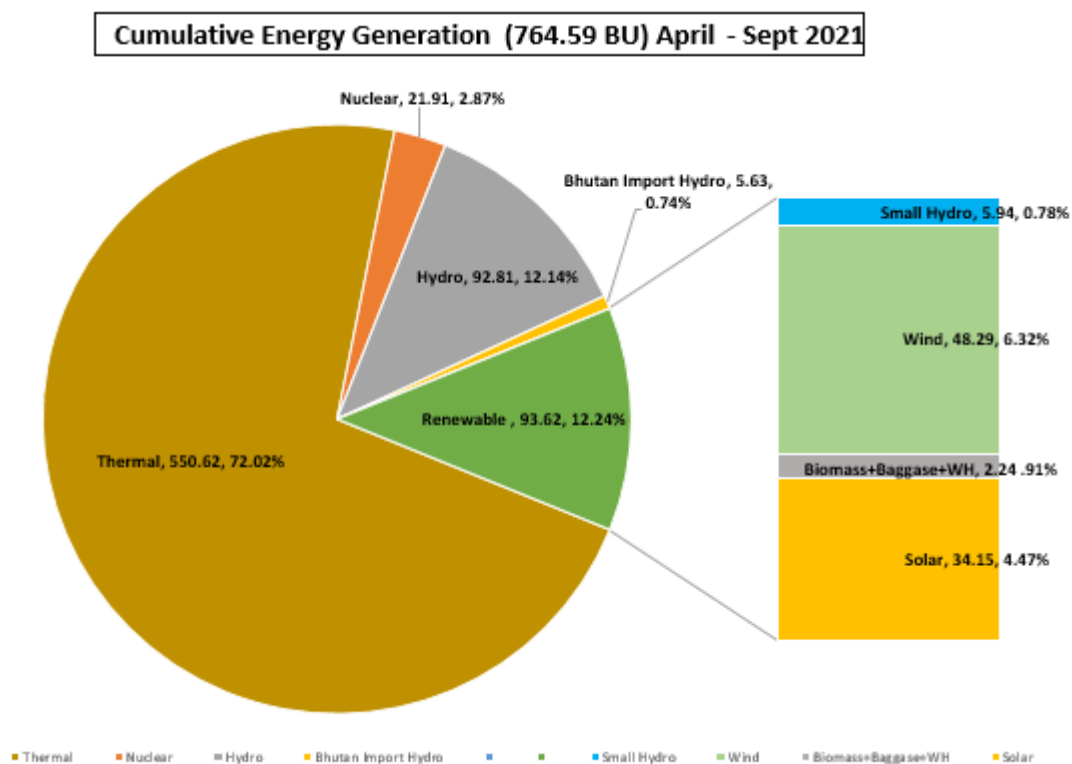


Figure 12 Cumulative Total Energy Generation in India and Share of RE (Apr-21 – September -21)

Table 2 State Wise Renewable Energy Generation

Renewable Energy Generation (State Wise) for the month of September 2021				
State	September'2021	September 2020	April'2021- September '2021	April'2020- September 2020
NR				
Chandigarh	0.22	0.29	7.28	5.70
Delhi	44.71	33.12	216.47	233.41
Haryana	89.31	60.08	461.54	351.49
Himachal Pradesh	338.49	290.01	1265.04	1642.98
J & K	37.40	42.42	281.11	312.25
Ladakh	0.00	0.00	0.00	0.00
Punjab	366.04	237.39	1872.28	1499.40
Rajasthan	1487.95	1153.20	11471.19	9123.59
Uttar Pradesh	271.57	184.91	2090.90	1886.99
Uttarakhand	71.67	109.85	430.02	697.80
Northern Region Total	2707.36	2111.26	18095.83	15753.61
WR				
Chhattisgarh	166.94	125.20	966.29	730.94
Gujarat	1498.49	874.41	13999.51	9537.17
Madhya Pradesh	572.73	683.07	4954.70	4711.11
Maharashtra	1163.61	665.11	7986.93	6699.65
Dadra and Nagar Haveli	2.89	0.38	20.55	2.87
Daman & Diu	3.17	2.80	22.73	15.40
Goa	0.10	0.10	0.64	0.66
Western Region Total	3407.92	2351.07	27951.35	21697.79
SR				
Andhra Pradesh	1646.21	1127.91	9536.16	7805.82
Telangana	548.11	480.62	3530.12	3313.65
Karnataka	2783.60	2218.14	15512.18	14102.32
Kerala	155.18	132.15	829.04	579.91
Tamil Nadu	2928.50	2673.07	16469.81	14088.15
Lakshadweep	0.02	0.03	0.15	0.24
Puducherry	1.02	0.37	6.12	2.22
Southern Region Total	8062.65	6632.29	45883.57	39892.31
ER				
Andaman Nicobar	3.02	12.42	16.33	21.38
Bihar	14.77	14.19	86.05	143.48
Jharkhand	1.34	2.33	9.18	10.20
Orissa	105.75	91.01	555.21	422.15
Sikkim	1.03	5.41	6.18	27.89
West Bengal	158.87	133.87	891.10	659.21
Eastern Region Total	284.78	259.22	1564.06	1284.31
NER				

Renewable Energy Generation (State Wise) for the month of September 2021				
State	September'2021	September 2020	April'2021- September '2021	April'2020- September 2020
Arunachal Pradesh	0.17	0.14	1.03	1.03
Assam	10.31	3.33	53.39	19.86
Manipur	0.46	0.48	3.42	3.45
Meghalaya	4.56	3.03	21.75	18.18
Mizoram	3.23	5.13	9.11	20.03
Nagaland	6.90	6.85	30.89	37.76
Tripura	0.51	0.49	4.31	4.99
North Eastern Region Total	26.14	19.45	123.89	105.29
All India Total	14488.86	11373.28	93618.71	78733.31

Table 3 State Wise Wind Power Generation

Wind Power Energy Generation (State Wise) for the month of September 2021				
State	September'2021	September 2020	April'21- September '21	April'20- September 20
NR				
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	296.85	284.98	4519.09	3633.22
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	296.85	284.98	4519.09	3633.22
WR				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	1106.05	550.36	10974.24	7324.22
Madhya Pradesh	256.65	216.97	2859.81	2474.77
Maharashtra	827.32	364.36	5246.35	4538.70
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	2190.02	1131.68	19080.40	14337.69
SR				
Andhra Pradesh	983.12	592.27	5309.93	4313.21
Telangana	26.74	13.29	164.99	122.59
Karnataka	1270.42	687.06	6760.97	5971.75
Kerala	16.92	15.31	92.46	82.63
Tamil Nadu	2197.20	2127.03	12366.99	10610.04
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	4494.40	3434.95	24695.33	21100.22
ER				
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
NER				
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

Wind Power Energy Generation (State Wise) for the month of September 2021				
State	September'2021	September 2020	April'21- September '21	April'20- September 20
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Nagaland	0.00	0.50	0.00	1.00
Tripura	0.00	0.00	0.00	0.00
North Eastern Region Total	0.00	0.50	0.00	1.00
All India Total	6981.27	4852.12	48294.82	39072.13

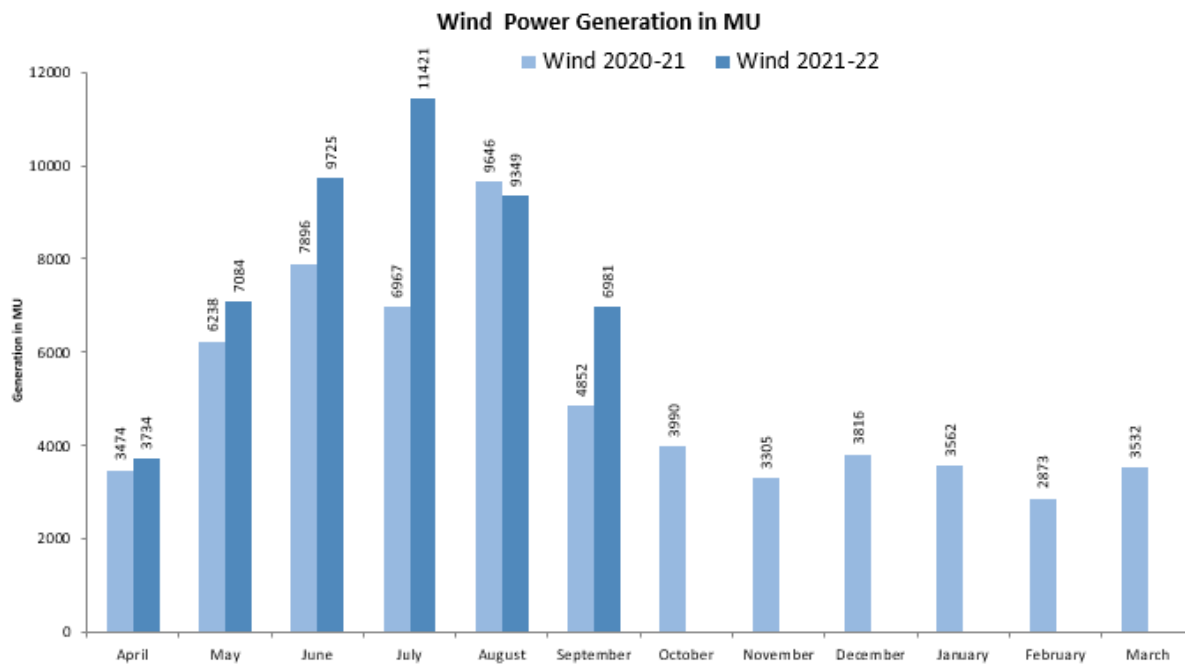


Figure 13 Monthly Wind Power Generation (2021-22 Up to September -21)

Table 4 State Wise Solar Power Generation

Solar Energy Generation (State Wise) for the month of September 2021				
State	September '2021	September ' 2020	April'21- September '21	April'20- September 20
NR				
Chandigarh	0.22	0.29	7.28	5.70
Delhi	20.04	17.16	105.60	104.02
Haryana	50.57	7.49	233.10	40.05
Himachal Pradesh	3.41	2.30	22.35	17.89
J & K	0.00	1.02	1.71	2.94
Ladakh	0.00	0.00	0.00	0.00
Punjab	111.89	119.15	781.41	769.02
Rajasthan	1166.27	835.37	6753.54	5281.53
Uttar Pradesh	232.72	134.65	1389.23	839.73
Uttarakhand	24.63	25.63	147.78	186.39
Northern Region Total	1609.75	1143.04	9442.00	7247.27
WR				
Chhattisgarh	32.96	29.23	190.97	171.71
Gujarat	381.07	303.51	2952.34	2069.01
Madhya Pradesh	280.36	421.31	1971.92	2085.19
Maharashtra	204.64	185.18	1571.27	1216.73
Dadra and Nagar Haveli	2.89	0.38	20.55	2.87
Daman & Diu	2.12	1.95	16.99	11.77
Goa	0.10	0.10	0.64	0.66
Western Region Total	904.14	941.66	6724.68	5557.94
SR				
Andhra Pradesh	608.91	479.37	3969.59	3291.91
Telangana	478.74	441.57	3140.89	3046.68
Karnataka	1051.03	1002.65	6521.54	6469.05
Kerala	39.01	23.28	229.13	109.77
Tamil Nadu	645.21	455.70	3648.66	3047.96
Lakshadweep	0.02	0.03	0.15	0.24
Puducherry	1.02	0.37	6.12	2.22
Southern Region Total	2823.94	2402.97	17516.08	15967.84
ER				
Andaman Nicobar	1.34	7.61	9.73	13.20
Bihar	12.77	12.53	79.75	89.38
Jharkhand	1.34	1.28	8.91	7.60
Orissa	41.91	35.56	282.32	205.23
Sikkim	0.00	0.00	0.00	0.00
West Bengal	7.23	4.52	49.10	31.59

Eastern Region Total	64.59	61.50	429.82	347.00
NER				
Arunachal Pradesh	0.13	0.10	0.89	0.76
Assam	5.48	0.44	30.76	2.46
Manipur	0.46	0.48	3.42	3.45
Meghalaya	0.00	0.00	0.00	0.00
Mizoram	0.09	0.02	1.17	0.14
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.51	0.49	2.87	3.05
North Eastern Region	6.67	1.53	39.10	9.85
All India Total	5409.09	4550.70	34151.68	29129.90

Solar Power Generation in MU

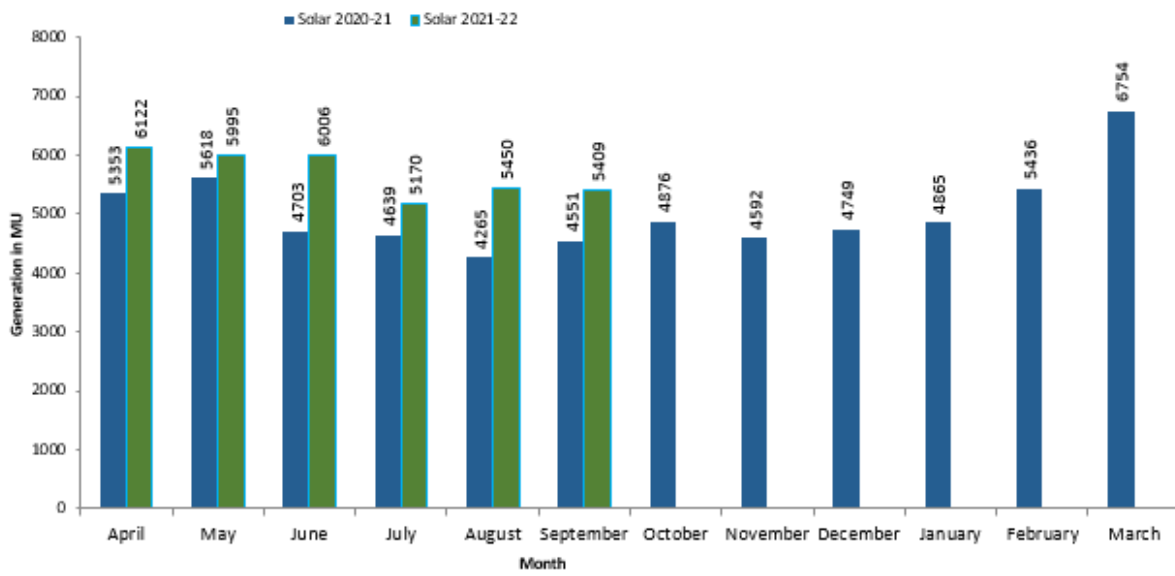


Figure 14 Monthly Solar Power Generation (2021-22 Up to September -21)

Table 5 State Wise Biomass Power Generation

Biomass Energy Generation (State Wise) for the month of September 2021				
State	September '2021	September' 2020	April'21- September '21	April'2020- September 20
NR				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	12.45	15.10	85.28	83.68
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	29.76	45.31	269.93	272.01
Rajasthan	24.71	32.48	198.22	207.65
Uttar Pradesh	8.31	0.00	45.56	51.52
Uttarakhand	0.00	0.00	0.00	0.00
Northern Region Total	75.23	92.88	598.99	614.87
WR				
Chhattisgarh	96.63	69.25	652.48	469.13
Gujarat	0.00	0.00	0.00	43.13
Madhya Pradesh	0.72	0.10	0.89	0.15
Maharashtra	26.43	28.01	167.87	161.65
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	1.05	0.85	5.73	3.64
Goa	0.00	0.00	0.00	0.00
Western Region Total	124.83	98.21	826.97	677.69
SR				
Andhra Pradesh	8.15	12.72	58.18	66.33
Telangana	8.70	12.49	60.87	83.21
Karnataka	16.85	17.51	102.38	99.89
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	10.27	14.10	63.63	68.30
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	43.97	56.82	285.07	317.74
ER				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	1.66	2.14	9.42
Jharkhand	0.00	0.00	0.00	0.00
Orissa	8.69	1.74	51.26	24.10
Sikkim	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
Eastern Region Total	8.69	3.40	53.40	33.52

Biomass Energy Generation (State Wise) for the month of September 2021				
State	September '2021	September' 2020	April'21- September '21	April'2020- September 20
NER				
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	252.72	251.31	1764.43	1643.82

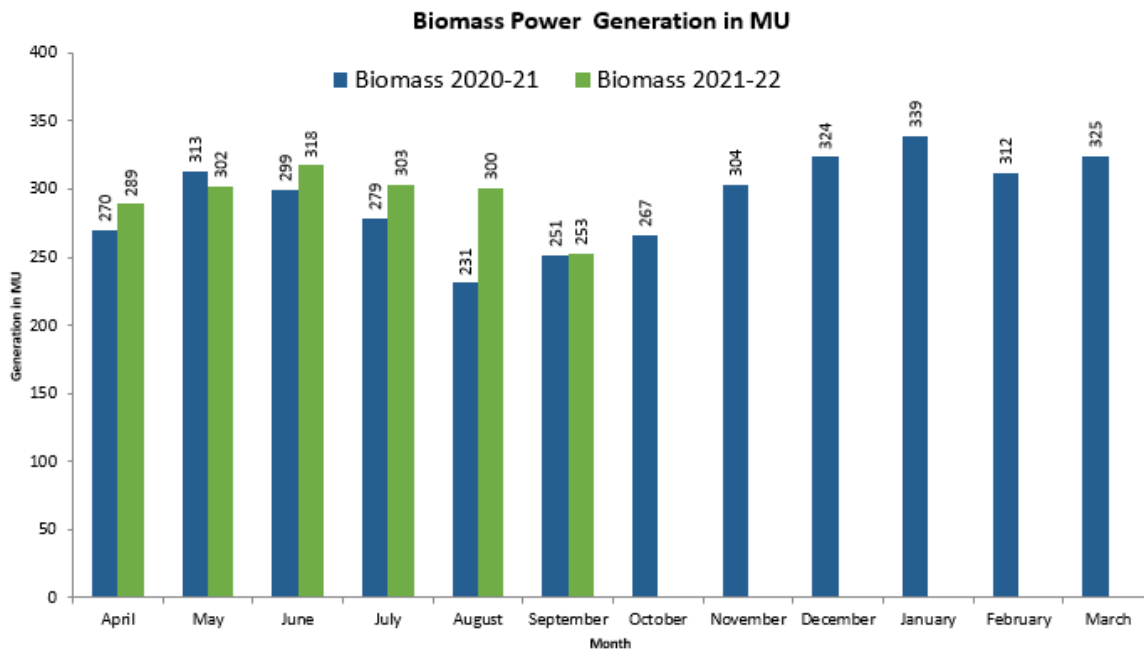


Figure 15 Monthly Biomass Power Generation (2021-22 Up to September -21)

Table 6 State Wise Bagasse Power Generation

Bagasse Energy Generation (State Wise) for the month of September 2021				
State	September '2021	September ' 2020	April'21- September '21	April'20- September 20
NR	0.00	0.00	0.00	0.00
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	0.00	4.04	14.75	46.74
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	36.72	31.82
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	3.62	27.93	580.95	935.59
Uttarakhand	20.26	0.00	121.56	29.23
Northern Region Total	23.88	31.97	753.98	1043.37
WR				
Chhattisgarh	0.00	0.00	0.00	5.08
Gujarat	0.00	0.00	2.04	2.39
Madhya Pradesh	0.00	0.00	2.86	0.00
Maharashtra	7.94	3.75	567.33	362.51
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	7.94	3.75	572.23	369.98
SR				
Andhra Pradesh	1.04	1.89	18.27	13.63
Telangana	0.00	0.00	0.00	0.10
Karnataka	52.52	111.44	802.53	372.24
Kerala	3.96	3.93	24.12	22.36
Tamil Nadu	49.35	48.71	250.75	271.39
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	106.87	165.96	1095.66	679.72
ER				
Andaman Nicobar	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	0.00	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	0.00	0.00	0.00	150.21
NER				

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	138.70	201.69	2421.87	2243.28

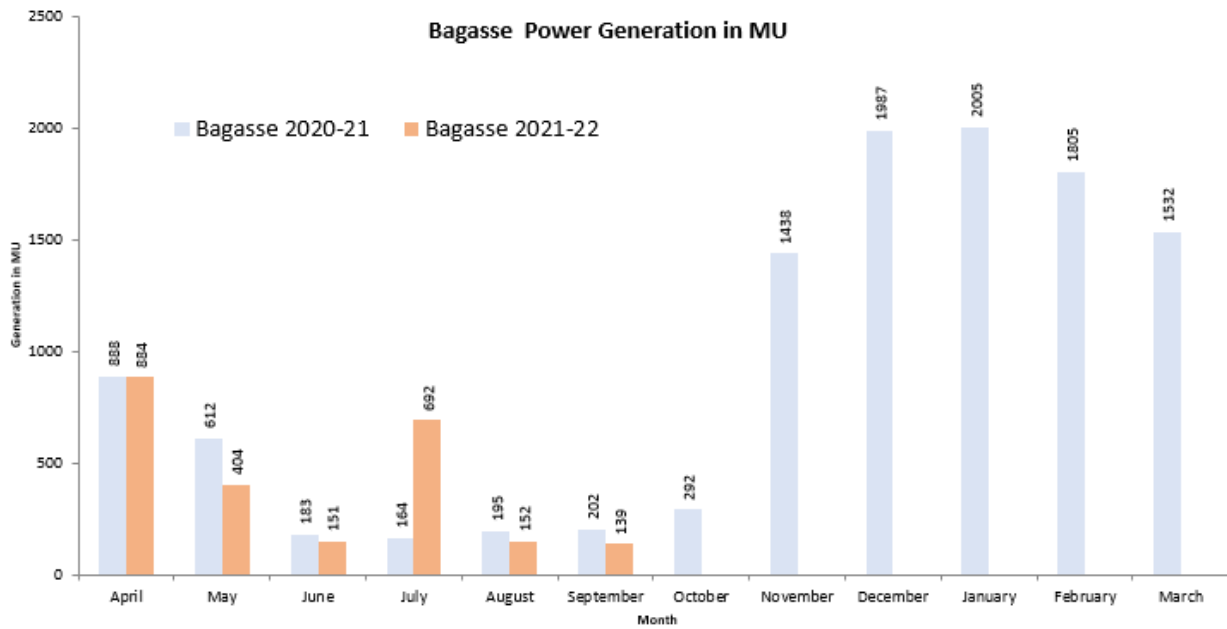


Figure 16 Monthly Bagasse Power Generation (2021-22 Up to September -21)

Table 7 State Wise Small Hydro Generation

Small Hydro Energy Generation (State Wise) for the month of September 2021				
State	September '2021	September' 2020	April'21- September' '21	April'20- September' 20
NR				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Haryana	26.29	33.45	128.41	181.02
Himachal Pradesh	335.08	287.71	1242.69	1625.09
J & K	37.40	41.40	279.40	309.31
Ladakh	0.00	0.00	0.00	0.00
Punjab	224.39	72.93	784.00	426.54
Rajasthan	0.12	0.37	0.33	1.19
Uttar Pradesh	26.92	22.33	75.18	60.15
Uttarakhand	26.78	84.22	160.68	482.18
Northern Region Total	676.98	542.42	2670.69	3085.47
WR				
Chhattisgarh	37.35	26.72	122.85	85.02
Gujarat	11.37	20.54	70.90	87.81
Madhya Pradesh	33.50	42.41	103.78	134.79
Maharashtra	97.28	83.80	434.05	420.02
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	179.50	173.47	731.57	727.63
SR				
Andhra Pradesh	40.00	34.03	139.80	104.49
Telangana	11.62	7.43	34.44	23.39
Karnataka	392.79	399.49	1324.76	1189.38
Kerala	95.29	89.64	483.33	365.15
Tamil Nadu	26.47	27.53	139.78	90.46
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	566.17	558.11	2122.11	1772.87
ER				
Andaman Nicobar	1.69	4.81	6.60	8.18
Bihar	2.00	0.00	4.16	43.20
Jharkhand	0.00	1.04	0.27	2.60
Orissa	55.14	53.70	221.63	192.82
Sikkim	1.03	5.41	6.18	27.89
West Bengal	23.13	20.63	95.59	57.96
Eastern Region Total	82.99	85.59	334.43	332.65
NER				

Arunachal Pradesh	0.04	0.04	0.14	0.26
Assam	4.83	2.89	22.63	17.40
Manipur	0.00	0.00	0.00	0.00
Meghalaya	4.56	3.03	21.75	18.18
Mizoram	3.15	5.11	7.94	19.90
Nagaland	6.90	6.35	30.89	36.76
Tripura	0.00	0.00	1.44	1.94
North Eastern Region	19.48	17.42	84.79	94.44
All India Total	1525.11	1377.01	5943.59	6013.07

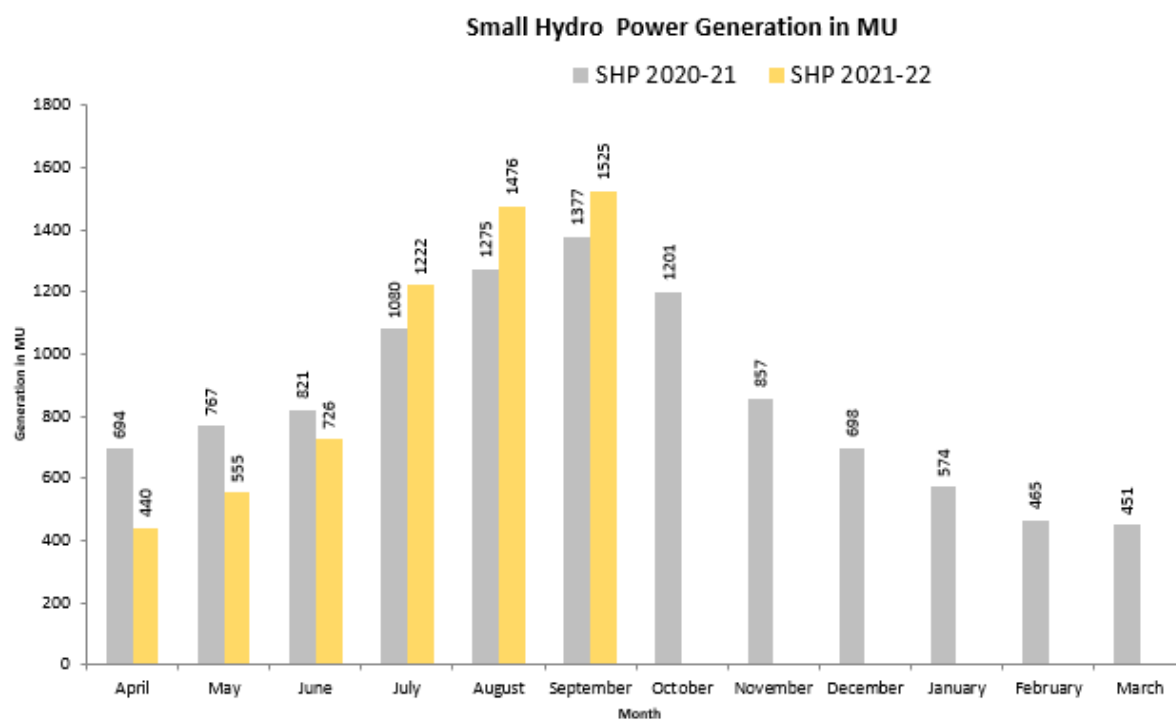


Figure 17 Monthly Small Hydro Power Generation (2021-22 Up to September -21)

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

Other RE sources Energy Generation (State Wise) for the month of September 2021				
State	September '2021	September ' 2020	April'21- September '21	April'20- September 20
NR				
Chandigarh	0.00	0.00	0.00	0.00
Delhi	24.67	15.96	110.87	129.39
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	0.22	0.01
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 Total	24.67	15.96	111.09	129.40
WR				
Chhattisgarh	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	0.00	10.61
Madhya Pradesh	1.50	2.28	15.45	16.21
Maharashtra	0.00	0.00	0.05	0.04
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	1.50	2.29	15.49	26.86
SR				
Andhra Pradesh	4.99	7.63	40.39	16.25
Telangana	22.31	5.84	128.93	37.68
Karnataka	0.00	0.00	0.00	0.00
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	0.00	0.00	0.00	0.00
Lakshadweep	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	0.00	0.00
Southern Region Total	27.30	13.47	169.32	53.93
ER				
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	128.51	108.73	746.41	420.94
Eastern Region Total	128.51	108.73	746.41	420.94
NER				

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	181.98	140.45	1042.31	631.12

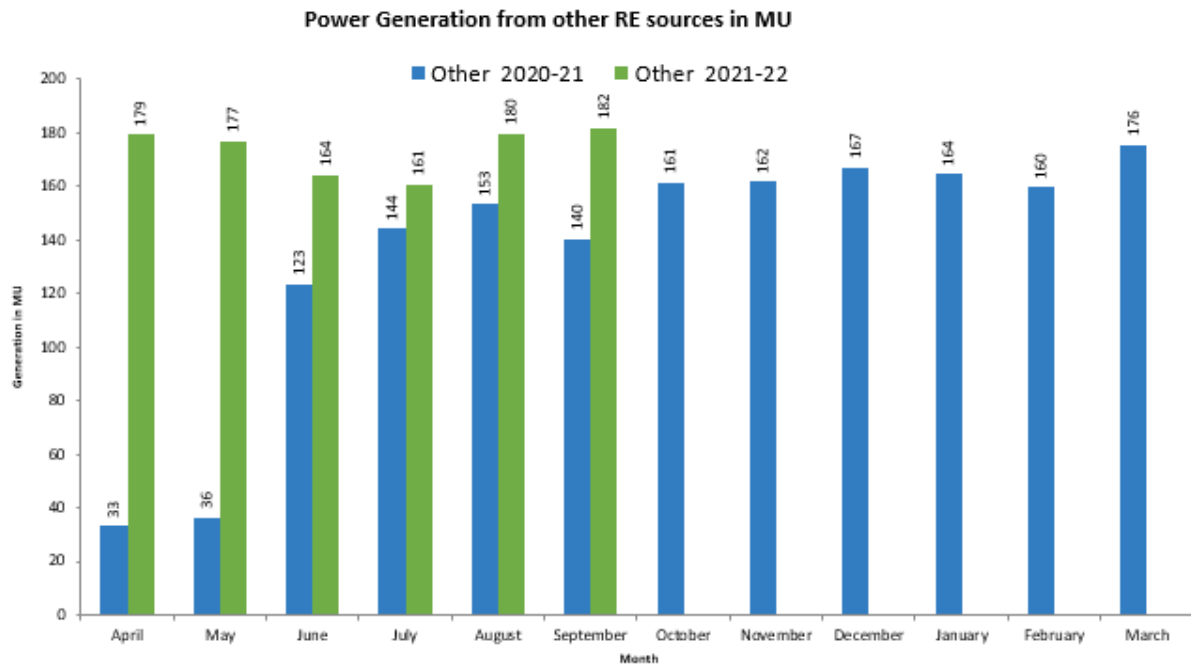


Figure 18 Monthly Other RE (Waste Heat etc) Power Generation (2021-22 Up to September -21)

Table 9: Renewable Energy Generation by ISGS Stations

Monthly RE generation from Inter State Generating Station (ISGS) for September 2021							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
NR							
Auraiya	Uttar Pradesh	Central	NTPC	Solar	20	2.59	17.41
Dadri Solar	Uttar Pradesh	Central	NTPC	Solar	5	0.46	12.37
Singrauli Solar	Uttar Pradesh	Central	NTPC	Solar	15	1.54	13.80
Unchahar Solar	Uttar Pradesh	Central	NTPC	Solar	10	0.91	12.23
Kilaj Solar (Maharashtra) Pvt Ltd.	Rajasthan	Private	IPP	Solar	50	9.22	24.78
Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	250	44.91	24.15
Mahoba Solar (Up) Private Ltd	Rajasthan	Private	IPP	Solar	200	35.63	23.94
Azure Forty Three Pvt Ltd	Rajasthan	Private	IPP	Solar	300	44.49	19.93
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	250	42.55	22.88
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	200	33.14	22.27
Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	130	23.92	24.73
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	50	9.59	25.78
Clean Solar Power (Bhadla) Pvt Ldt	Rajasthan	Private	IPP	Solar	300	51.48	23.06
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	175	50.43	38.73
Renew Jharkhand	Rajasthan	Private	IPP	Solar	150	22.45	20.12
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	50	9.30	25.00
Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	150	39.80	35.66
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	250	46.49	24.99
Sb Energy Four Pvt Ltd	Rajasthan	Private	IPP	Solar	200	36.06	24.23

Monthly RE generation from Inter State Generating Station (ISGS) for September 2021							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
Sb Energy Six Pvt Ltd	Rajasthan	Private	IPP	Solar	300	54.45	24.40
Sbsr Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	50	5.65	15.19
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	150	44.84	22.18
Adani Hybrid Energy Jaisalmer One Limited Solar					200	49.42	23.21
Northern Region Total					3255	609.90	
WR							
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	250	38.28	20.58
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	250	38.46	20.68
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	250	37.98	20.42
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	400	35.82	12.04
Alfanar Wind	Gujarat	Private	IPP	Wind	300	43.56	19.52
Giwel-li Wind (Vadva)	Gujarat	Private	IPP	Wind	250	43.46	23.37
Giwel-lil Wind (Naranpar)	Gujarat	Private	IPP	Wind	300	42.83	19.19
Adani Green Energy Mp Ltd(Dayapar)	Gujarat	Private	IPP	Wind	500	83.77	22.52
Iwisl Wind (Dayapar)	Gujarat	Private	IPP	Wind	250	29.67	15.95
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	250	40.82	21.95
Renew Wind Energy Ap2	Gujarat	Private	IPP	Wind	300	61.72	27.65
Western Region Total					3000	496.37	
SR							
Betam Tuticorin	Tamil Nadu	Private	IPP	Wind	250	66.58	36.99
Girel Tuticorin	Tamil Nadu	Private	IPP	Wind	250	76.76	42.64
Mytrah Tuticorin	Tamil Nadu	Private	IPP	Wind	250	62.78	34.88
Orange Tuticorin	Tamil Nadu	Private	IPP	Wind	200	60.95	42.32

Monthly RE generation from Inter State Generating Station (ISGS) for September 2021							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
Ostro Hiriur	Tamil Nadu	Private	IPP	Wind	84	17.62	29.14
Spring Pugalur	Tamil Nadu	Private	IPP	Wind	279	101.79	50.67
Biwadi Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.97	24.91
Hisar Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.90	24.72
Karnal Npkunta	Andhra Pradesh	Private	IPP	Solar	50	9.05	25.14
Ayana Npkunta	Andhra Pradesh	Private	IPP	Solar	250	46.91	26.06
Azure Npkunta	Andhra Pradesh	Private	IPP	Solar	50	7.02	19.49
Frv2 Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.57	23.80
Frv Npkunta	Andhra Pradesh	Private	IPP	Solar	50	8.18	22.74
Ntpc Npkunta	Andhra Pradesh	Private	IPP	Solar	250	29.86	16.59
Sbg Npkunta	Andhra Pradesh	Private	IPP	Solar	250	46.31	25.73
Sprng Agnitra Npkunta	Andhra Pradesh	Private	IPP	Solar	100	46.22	24.00
Tata Npkunta	Andhra Pradesh	Private	IPP	Solar	250	15.78	8.77
Acme Kurukshetra Pavagada	Karnataka	Private	IPP	Solar	50	8.59	23.85
Acme Rewari Pavagada	Karnataka	Private	IPP	Solar	50	8.60	23.88
Adyah10 Pavagada	Karnataka	Private	IPP	Solar	50	8.73	24.25
Adyah13 Pavagada	Karnataka	Private	IPP	Solar	50	8.92	24.77
Adyah1 Pavagada	Karnataka	Private	IPP	Solar	50	9.29	25.80
Adyah2 Pavagada	Karnataka	Private	IPP	Solar	50	8.16	22.68
Adyah3 Pavagada	Karnataka	Private	IPP	Solar	50	9.35	25.97
Adyah6 Pavagada	Karnataka	Private	IPP	Solar	50	9.26	25.72
Avaada Pavagada	Karnataka	Private	IPP	Solar	150	26.72	24.74
Avaada Solarise Pavagada	Karnataka	Private	IPP	Solar	150	25.76	23.85

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

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF (%)
Azure Power Pavagada	Karnataka	Private	IPP	Solar	100	18.61	25.84
Fortum Finsurya Pavagada	Karnataka	Private	IPP	Solar	100	15.69	21.79
Fortum Pavagada	Karnataka	Private	IPP	Solar	250	43.96	24.42
Kredl Pavagada	Karnataka	Private	IPP	Solar	50	8.17	22.69
Parampujya Pavagada	Karnataka	Private	IPP	Solar	150	25.16	23.30
Renew Pavagada	Karnataka	Private	IPP	Solar	50	8.33	23.13
Sbg Pavagada	Karnataka	Private	IPP	Solar	200	36.68	25.47
Tata Pavagada	Karnataka	Private	IPP	Solar	400	69.82	24.24
Yarrow Pavagada	Karnataka	Private	IPP	Solar	50	8.47	23.54
Southern Region **					3450	980.52	
All India Total					9705	2086.79	

Table 10 Renewable Energy Generation by CPSU Owned stations

Renewable Energy Generation Data (CPSU Wise) for September 2021						
CPSU	State	Installed Capacity (MW)	Source	Actual Generation (MU)	Cumulative Generation (MU)	Monthly CUF (%)
				September 2021	April 2021 to September 2021	
NTPC						
NTPC Faridabad_Solar	Haryana	5	Solar	0.53	3.54	14.72
NTPC Bhadla	Rajasthan	260	Solar	31.97	225.92	17.08
NTPC Dadri_Solar	Uttar Pradesh	5	Solar	0.46	3.41	12.78
NTPC Unchahar _Solar	Uttar Pradesh	10	Solar	0.91	6.17	12.64
NTPC Singrauli _Solar	Uttar Pradesh	15	Solar	1.54	10.01	14.26
NTPC Auraiya	Uttar Pradesh	20	Solar	2.59	17.31	17.99
NTPC Singrauli _SH	Uttar Pradesh	8	Small Hydro	0.00	13.72	0.00
NTPC Rojmal	Gujarat	50	Wind	7.16	57.09	19.89
NTPC Rajgarh _Solar	Madhya Pradesh	50	Solar	4.63	34.76	12.86
NTPC Mandsaur	Madhya Pradesh	250	Solar	24.08	181.60	13.38
NTPC Anantapuram	Andhra Pradesh	250	Solar	30.71	192.30	17.06
NTPC Ramagundam	Telangana	10	Solar	0.86	5.97	11.94
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.34	2.44	9.44
NTPC Talchar _Solar	Orissa	10	Solar	0.92	6.53	12.78
NTPC Solar_Bilhaur *	Uttar Pradesh	225	Solar	37.47	232.86	23.13
Simhadri Floating Project	Andhra Pradesh	25		2.91	5.60	16.17
Total NTPC		1198		147.08	999.23	
THDC						
THDC Patan Wind Power Project	Gujarat	50	Wind	3.22	50.52	8.94
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	10.47	90.71	23.08
THDC Solar Kasaragod	Kerala	50	Solar	7.22	37.30	20.06
THDCIL's premises at Rishikesh	Uttarakhand	0.5	Solar	0.03	0.18	9.17
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	11.64	25.37	47.36
Total THDC		187.5		32.58	204.08	
NHPC						
NHPC Wind Power Project	Rajasthan	50	Wind	3.21	52.56	8.91
NHPC Solar Power Project	Tamilnadu	50	Solar	7.67	46.26	21.31
Total NHPC		100		10.88	98.81	
ONGC						
ONGC Wind, Bhuj	Gujarat	51.00	Wind	6.12	66.01	16.67
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	5.23	103.77	7.12
ONGC Solar, Goa	Goa	1.00	Solar	0.12	0.66	16.11

Renewable Energy Generation Data (CPSU Wise) for September 2021

ONGC Solar, Hazira	Gujarat	10.00	Solar	0.79	6.86	10.91
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.21	3.15	5.75
ONGC Solar, Rajahmundry	Andhra Pradesh	1.00	Solar	0.08	0.56	11.47
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.12	0.65	15.73
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.00	0.54	0.00
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.52	2.79	17.00
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.14	0.83	12.23
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.24	Solar	0.09	0.70	10.63
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.14	13.56
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.01	0.19
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.04	11.55
ONGC Solar, DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00
Total ONGC		184.05		13.45	186.71	
SJVN Limited						
Khirvire Wind Power	Maharashtra	47.6	Wind	8.07	38.72	23.53
Sadla Wind Power	Gujarat	50	Solar	6.07	60.82	16.87
Charanka Solar Power	Gujarat	5.6	Solar	0.56	4.06	13.85
Total SJVN		103.2		14.70	103.60	
Oil India Ltd						
Oil India Ltd	Rajasthan	14	Solar	1.85	12.31	18.31
Oil India Ltd	Rajasthan	67.6	Wind	3.30	52.79	6.79
Oil India Ltd	Gujarat	43.3	Wind	6.95	50.99	22.28
Oil India Ltd	Madhya Pradesh	63.2	Wind	6.92	78.41	15.21
Total Oil India Ltd		188.1		19.02	194.50	
NEEPCO						
NEEPCO	Tripura	5	Solar	0.50	2.78	13.76
DVC						
DVC	West Bengal	0.078	Solar	0.01	2.85	15.49
DVC	Jharkhand	4	Small Hydro	2.81	6.92	47.42
DVC Total		4.078		2.81	9.77	
All India Total		1969.85		241.02	1799.50	

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.

(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 September-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

Table 12 Deviation Data for ISGS

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of September 2021				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Northern Region				
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR	Solar	25.32	24.41	-0.91
AURAIYA SOLAR	Solar	2.85	2.65	-0.20
ACME CHITTORGARH ENERGY PVT LTD	Solar	48.69	53.57	4.88
AZURE FORTY THREE PVT LTD	Solar	77.47	82.31	4.84
AZURE SOLAR	Solar	37.35	39.00	1.65
AZURE SOLAR THIRTY FOUR	Solar	29.33	29.57	0.24
M/S ADANI SOLAR ENERGY JODHPUR TWO LTD	Solar	11.39	11.94	0.55
CLEAN SOLAR POWER(BHADLA) PVT LTD.	Solar	66.07	64.83	-1.24
DADRI SOLAR	Solar	0.61	0.52	-0.09
EDEN RENEWABLE CITE PRIVATE LIMITED	Solar	25.91	26.13	0.22
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Solar	11.29	11.72	0.43
MAHINDRA RENEWABLE PRIVATE LIMITED	Solar	46.40	46.59	0.19
MAHOBHA SOLAR	Solar	48.36	44.65	-3.71
RENEW SOLAR	Solar	11.05	11.51	0.46
RENEW SOLAR POWER LTD PVT BIKANER	Solar	52.03	54.43	2.40
RENEW SUN WAVES PRIVATE LIMITED	Solar	41.35	39.80	-1.55
SB ENERGY	Solar	45.45	44.93	-0.52
SB ENERGY SIX PVT LTD	Solar	66.51	65.94	-0.57
SBSR POWER CLEANTECH ELEVEN PRIVATE LIMITED	Solar	3.27	3.17	-0.10
SINGRAULI SOLAR	Solar	1.51	1.54	0.03
TATA POWER RENEWABLE	Solar	50.36	46.41	-3.95
UNCHAHAH SOLAR	Solar	0.94	0.85	-0.09
Western Region				
ACME SOLAR (RAMNAGAR)	Solar	34.88	34.59	-0.29
ADANI GREEN ENERGY MP LTD	Wind	153.20	158.72	5.52
ALFANAR WIND	Wind	98.79	97.86	-0.93
ARINSUN SOLAR (BARSAITADESH)	Solar	35.24	33.12	-2.12
GREEN INFRA WIND ENERGY LIMITED SECI 2	Wind	84.31	79.73	-4.58
GREEN INFRA WIND ENERGY LIMITED SECI 3	Wind	89.14	84.61	-4.53
INOX WIND	Wind	70.35	69.23	-1.12
MAHINDRA SOLAR (BADWAR)	Solar	34.94	34.11	-0.83
OSTRO -KUTCH	Wind	78.93	74.53	-4.40
RENEW WIND ENERGY AP2	Wind	106.81	106.46	-0.35
RENEW POWER	Solar	73.83	72.78	-1.05

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of September 2021				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Southern Region				
BEETAM	Wind	82.37	83.34	0.97
GIREL	Wind	91.66	89.74	-1.92
MYTRAH	Wind	78.18	74.76	-3.42
ORANGE	Wind	71.19	73.93	2.74
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Wind	93.67	92.11	-1.56

+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 September 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	0.22	0.22	100.00
Delhi	0.00	364.30	0.00	0.00	44.71	409.01	10.93
Haryana	1912.66	0.00	0.00	0.00	89.31	2001.97	4.46
HP	0.00	0.00	0.00	4762.98	338.49	5101.47	100.00
J & K	0.00	0.00	0.00	1931.85	37.40	1969.25	100.00
Ladakh	0.00	0.00	0.00	57.74	0.00	57.74	100.00
Punjab	1821.90	0.00	0.00	344.68	366.04	2532.62	28.06
Rajasthan	3144.75	148.27	680.68	28.38	1487.95	5490.03	40.02
Uttar Pradesh	11497.24	197.12	294.38	151.39	271.57	12411.70	5.78
Uttarakhand	0.00	197.37	0.00	1886.48	71.67	2155.52	90.84
Northern Region	18376.55	907.06	975.06	9163.50	2707.36	32129.53	39.98
Chhattisgarh	9712.20	0.00	0.00	84.93	166.94	9964.07	2.53
Gujarat	2359.56	696.39	228.53	155.70	1498.49	4938.67	38.12
Madhya Pradesh	10180.49	0.00	0.00	325.81	572.73	11079.03	8.11
Maharashtra	8641.64	487.61	749.66	505.95	1163.61	11548.47	20.95
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.89	2.89	100.00
Daman & Diu	0.00	0.00	0.00	0.00	3.17	3.17	100.00
Goa	0.00	0.00	0.00	0.00	0.10	0.10	100.00
Western Region	30893.89	1184.00	978.19	1072.39	3407.92	37536.39	14.54
Andhra Pradesh	4117.39	196.71	0.00	414.37	1646.21	6374.68	32.32
Telangana	4330.21	0.00	0.00	1146.90	548.11	6025.22	28.13
Karnataka	2343.81	0.00	628.03	1282.12	2783.60	7037.56	66.70
Kerala	0.00	0.00	0.00	659.24	155.18	814.42	100.00
Tamil Nadu	4689.24	152.35	1315.67	501.16	2928.50	9586.92	49.50
Lakshadweep	0.00	0.00	0.00	0.00	0.02	0.02	100.00
Puducherry	0.00	21.20	0.00	0.00	1.02	22.22	4.59
Southern Region	15480.65	370.26	1943.70	4003.79	8062.65	29861.05	46.92
Andaman Nicobar	7.08	0.00	0.00	0.00	3.02	10.10	29.92
Bihar	3005.45	0.00	0.00	0.00	14.77	3020.22	0.49
Jharkhand	2195.45	0.00	0.00	104.95	1.34	2301.74	4.62
Orissa	5419.64	0.00	0.00	556.44	105.75	6081.83	10.89
Sikkim	0.00	0.00	0.00	1642.68	1.03	1643.71	100.00
West Bengal	6255.98	0.00	0.00	403.28	158.87	6818.13	8.24
Eastern Region	16883.60	0.00	0.00	2707.35	284.78	19875.73	15.05
Arunachal Pradesh	0.00	0.00	0.00	525.41	0.17	525.58	100.00
Assam	363.14	268.61	0.00	96.32	10.31	738.38	14.44
Manipur	0.00	0.00	0.00	66.10	0.46	66.56	100.00
Meghalaya	0.00	0.00	0.00	98.89	4.56	103.45	100.00
Mizoram	0.00	0.00	0.00	15.70	3.23	18.93	100.00

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

State/UT	Fossil		Non Fossil				Non Fossil
Nagaland	0.00	0.00	0.00	15.83	6.90	22.73	100.00
Tripura	0.00	591.20	0.00	0.00	0.51	591.71	0.09
North Eastern Region	363.14	859.81	0.00	818.25	26.14	2067.34	40.84
All India Total	81997.83	3321.13	3896.95	17765.28	14488.86	121470.05	29.76

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 September 2021							
State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Chandigarh	0.00	0.00	0.00	0.00	0.22	0.22	100.00
Delhi	0.00	364.30	0.00	0.00	44.71	409.01	10.93
Haryana	1912.66	0.00	0.00	0.00	89.31	2001.97	4.46
HP	0.00	0.00	0.00	4762.98	338.49	5101.47	6.64
J & K	0.00	0.00	0.00	1931.85	37.40	1969.25	1.90
Ladakh	0.00	0.00	0.00	57.74	0.00	57.74	0.00
Punjab	1821.90	0.00	0.00	344.68	366.04	2532.62	14.45
Rajasthan	3144.75	148.27	680.68	28.38	1487.95	5490.03	27.10
Uttar Pradesh	11497.24	197.12	294.38	151.39	271.57	12411.70	2.19
Uttarakhand	0.00	197.37	0.00	1886.48	71.67	2155.52	3.32
Northern Region	18376.55	907.06	975.06	9163.50	2707.36	32129.53	8.43
Chhattisgarh	9712.20	0.00	0.00	84.93	166.94	9964.07	1.68
Gujarat	2359.56	696.39	228.53	155.70	1498.49	4938.67	30.34
Madhya Pradesh	10180.49	0.00	0.00	325.81	572.73	11079.03	5.17
Maharashtra	8641.64	487.61	749.66	505.95	1163.61	11548.47	10.08
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.89	2.89	100.00
Daman & Diu	0.00	0.00	0.00	0.00	3.17	3.17	100.00
Goa	0.00	0.00	0.00	0.00	0.10	0.10	100.00
Western Region	30893.89	1184.00	978.19	1072.39	3407.92	37536.39	9.08
Andhra Pradesh	4117.39	196.71	0.00	414.37	1646.21	6374.68	25.82
Telangana	4330.21	0.00	0.00	1146.90	548.11	6025.22	9.10
Karnataka	2343.81	0.00	628.03	1282.12	2783.60	7037.56	39.55
Kerala	0.00	0.00	0.00	659.24	155.18	814.42	19.05
Tamil Nadu	4689.24	152.35	1315.67	501.16	2928.50	9586.92	30.55
Lakshadweep	0.00	0.00	0.00	0.00	0.02	0.02	100.00
Puducherry	0.00	21.20	0.00	0.00	1.02	22.22	4.59
Southern Region	15480.65	370.26	1943.70	4003.79	8062.65	29861.05	27.00
Andaman Nicobar	7.08	0.00	0.00	0.00	3.02	10.10	29.92
Bihar	3005.45	0.00	0.00	0.00	14.77	3020.22	0.49
Jharkhand	2195.45	0.00	0.00	104.95	1.34	2301.74	0.06
Orissa	5419.64	0.00	0.00	556.44	105.75	6081.83	1.74
Sikkim	0.00	0.00	0.00	1642.68	1.03	1643.71	0.06
West Bengal	6255.98	0.00	0.00	403.28	158.87	6818.13	2.33
Eastern Region	16883.60	0.00	0.00	2707.35	284.78	19875.73	1.43
Arunachal Pradesh	0.00	0.00	0.00	525.41	0.17	525.58	0.03
Assam	363.14	268.61	0.00	96.32	10.31	738.38	1.40
Manipur	0.00	0.00	0.00	66.10	0.46	66.56	0.69
Meghalaya	0.00	0.00	0.00	98.89	4.56	103.45	4.41
Mizoram	0.00	0.00	0.00	15.70	3.23	18.93	17.08

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

State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Nagaland	0.00	0.00	0.00	15.83	6.90	22.73	30.35
Tripura	0.00	591.20	0.00	0.00	0.51	591.71	0.09
North Eastern Region	363.14	859.81	0.00	818.25	26.14	2067.34	1.26
All India Total	81997.83	3321.13	3896.95	17765.28	14488.86	121470.05	11.93

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
May ,2021	3.01	1.01	1.25	5.27
June ,2021	12.32	6.69	6.40	25.41
July ,2021	17.00	9.34	8.36	34.70
August ,2021	16.68	9.24	8.43	34.35
September,2021	15.31	8.70	7.73	31.74
All figures at Delhi PP in MUs				
DMRC : Delhi Metro Rail Corporation				

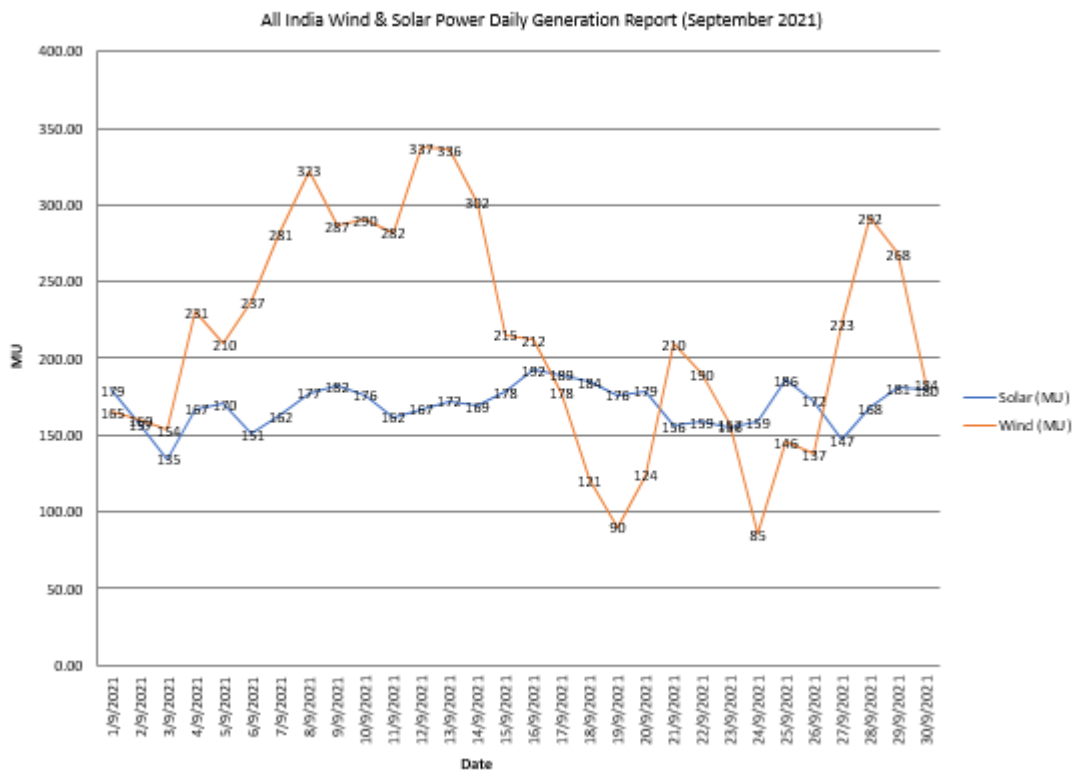


Figure 19 Daily Solar and wind Power Generation trend in the month of September -21



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