



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



Broad Overview of Monthly Renewable Energy Generation मासिक नवीकरणीय ऊर्जा उत्पादन का व्यापक दृष्टिकोण

August -2024/ अगस्त -2024

नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

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Highlights of RE GENERATION

1. RE capacity addition during August 2024 has been 2378.12 MW (Solar – 2224.01 MW, Wind – 116.90 MW, Small Hydro- 34.00 MW, Others- 3.21 MW).
2. All India RE generation during August 2024 has decreased by 2.77 % as compared to August 2023.
3. Large Hydro Power generation during August 2024 as compared to August 2023 has decreased by 1.79 %.
4. Solar Power generation during August 2024 as compared to August 2023 has increased by 8.92 % on All India Basis except Andhra Pradesh, Karnataka.
5. Wind Power generation during August 2024 as compared to August 2023 has decreased by 17.15 %.
6. Biomass Power generation during August 2024 as compared to August 2023 has increased by 15.43 % on All India Basis except Karnataka.
7. Bagasse power generation during August 2024 as compared to August 2023 has decreased by 7.15%.
8. Others (Waste to Energy) Power generation has increased by 16.16 % during August 2024 as compared to August 2023 on All India basis except Uttar Pradesh.
9. Small Hydro Power generation during August 2024 as compared to August 2023 has increased by 29.19 % on All India Basis except West Bengal, Mizoram.
10. The generation from ISGS stations (Solar and Wind plants) for the month of August 2024 is 5882.60 MUs which is 13.29 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of August 2024 is 703.36 MUs which is 1.59 % of the Monthly RE generation during the month.

All India RE Capacity Addition

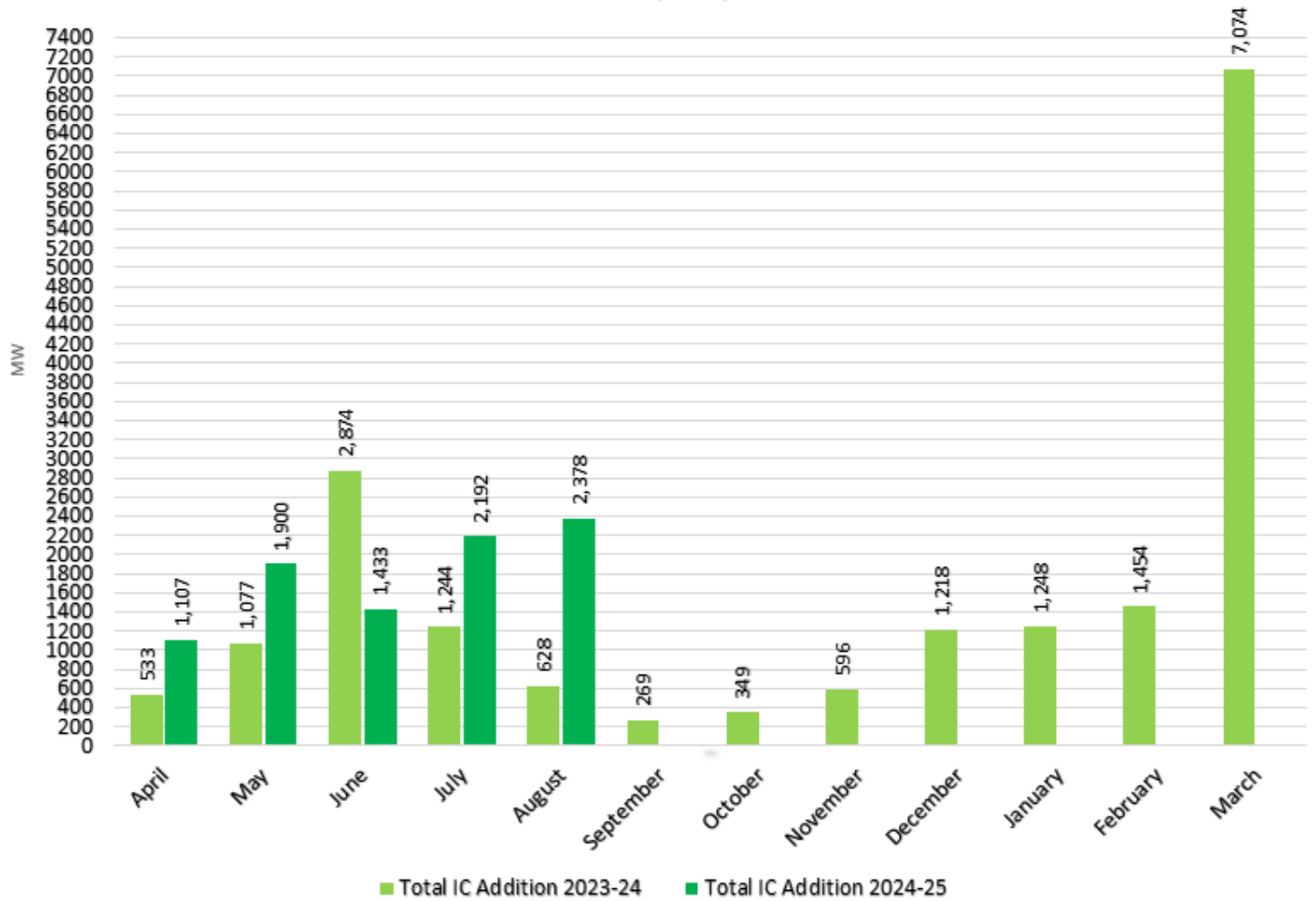


Figure 1: All India Month wise RE Capacity Addition

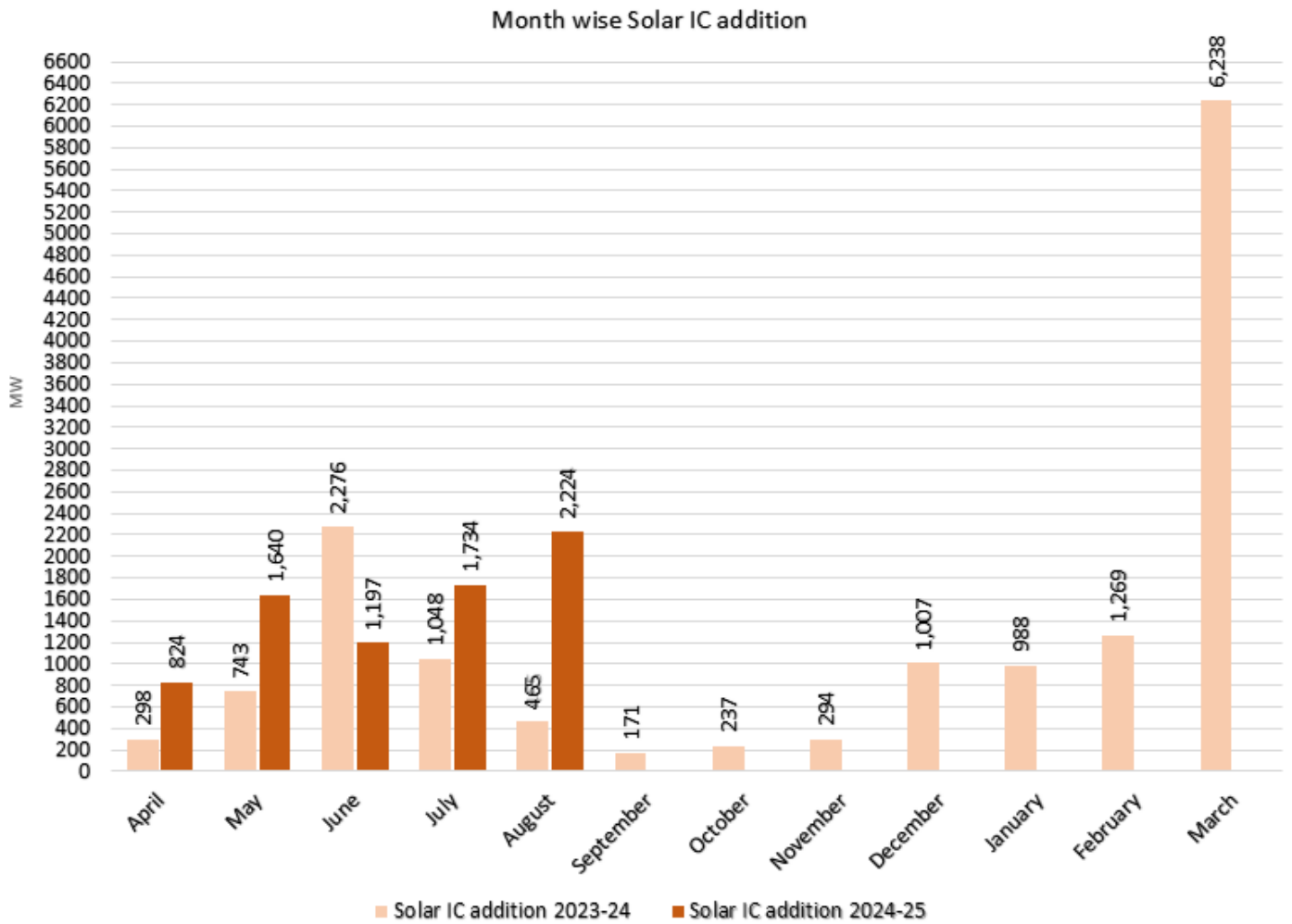


Figure 2: All India Month wise Solar Capacity Addition

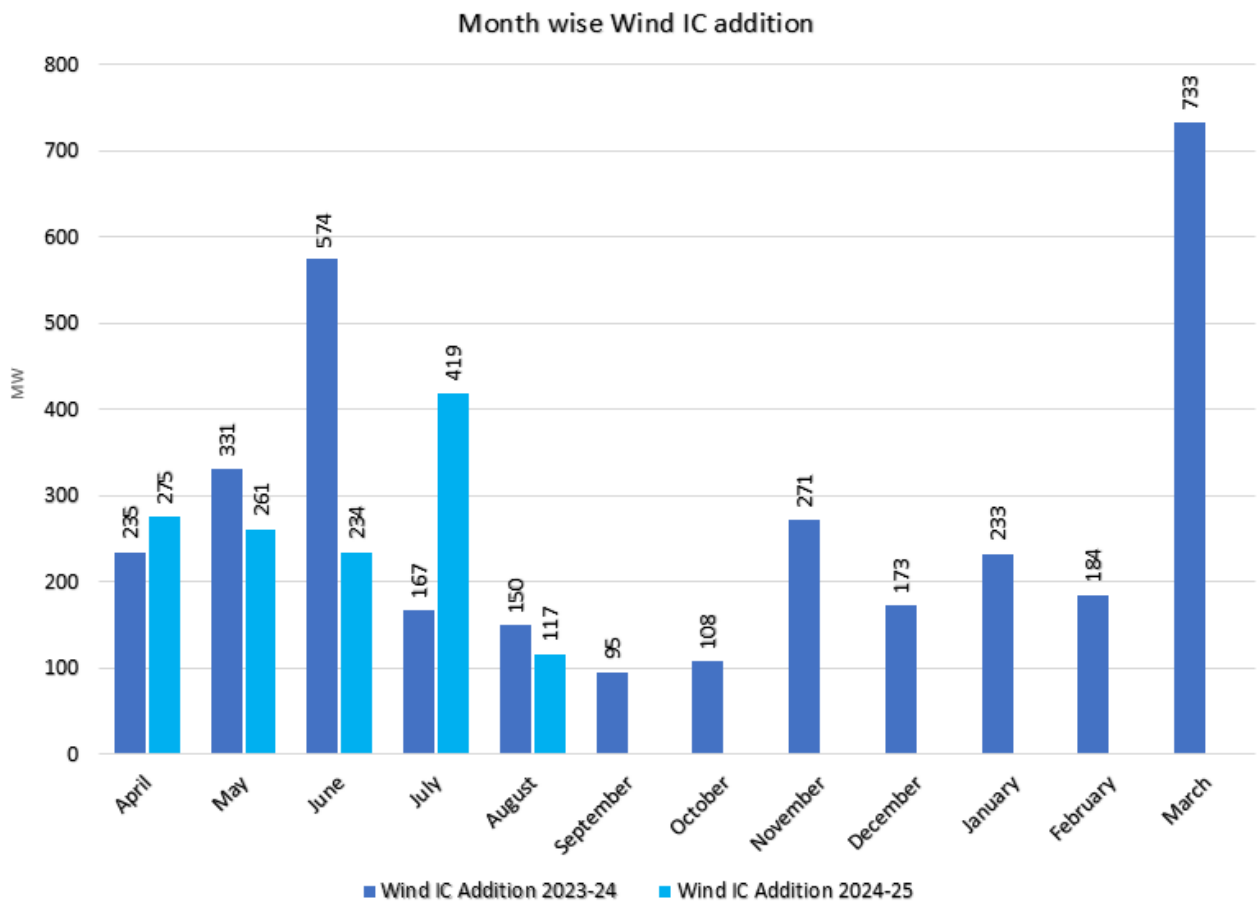


Figure 3: All India Month wise Wind Capacity Addition

Summary of RE Capacity Addition for the Month of August'24

Increased by 278.44 % as compared to August 23.

Increased by 8.50 % as compared to July 24.

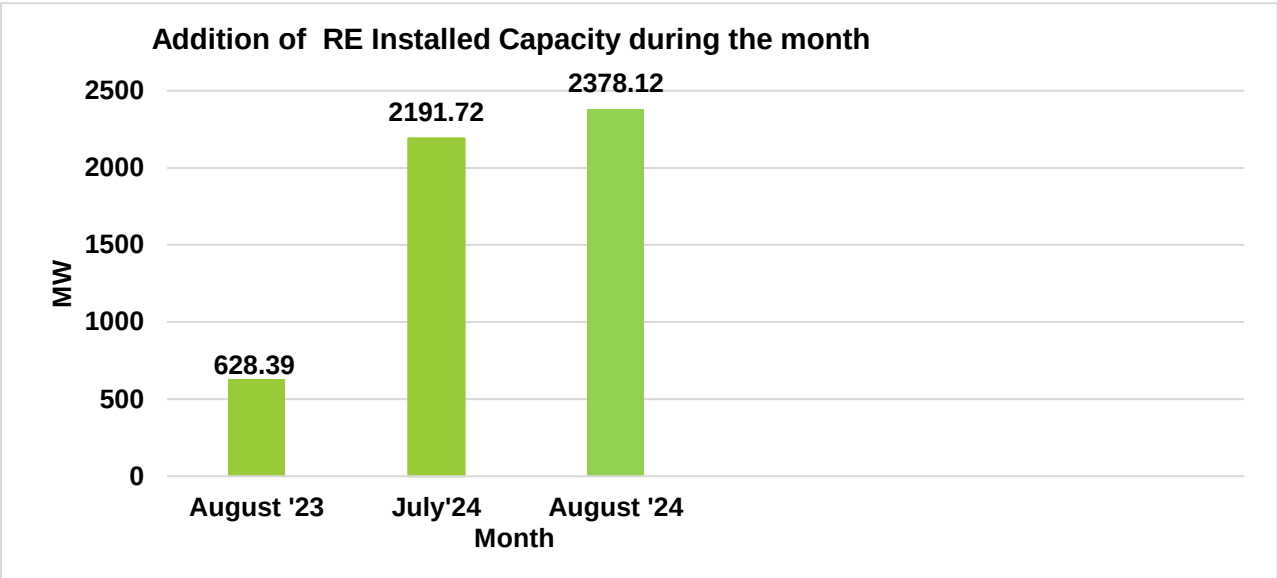


Figure 4: RE capacity added during the Month

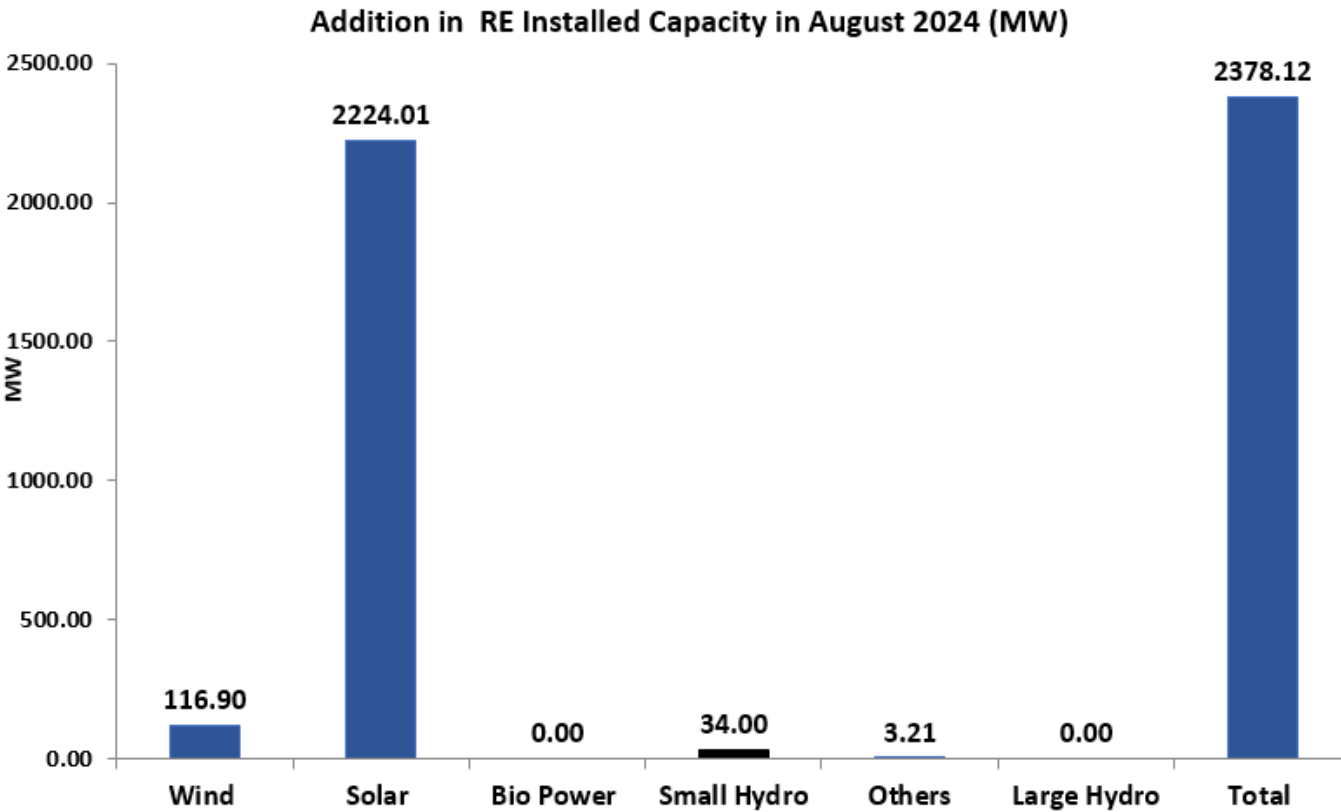


Figure 5: Source wise addition in RE Installed Capacity in August 24

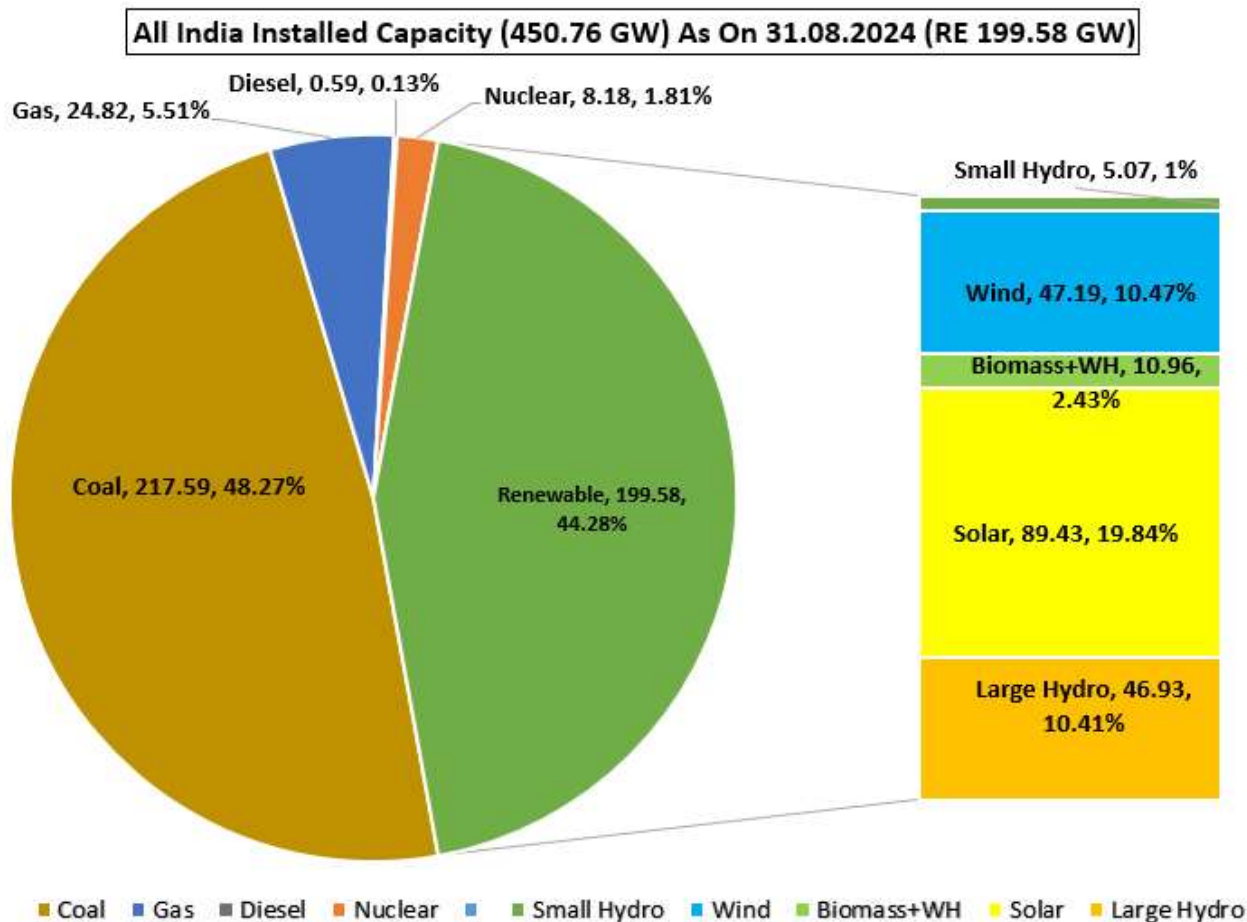


Figure 6: Installed Capacity in India as on 31.08.2024

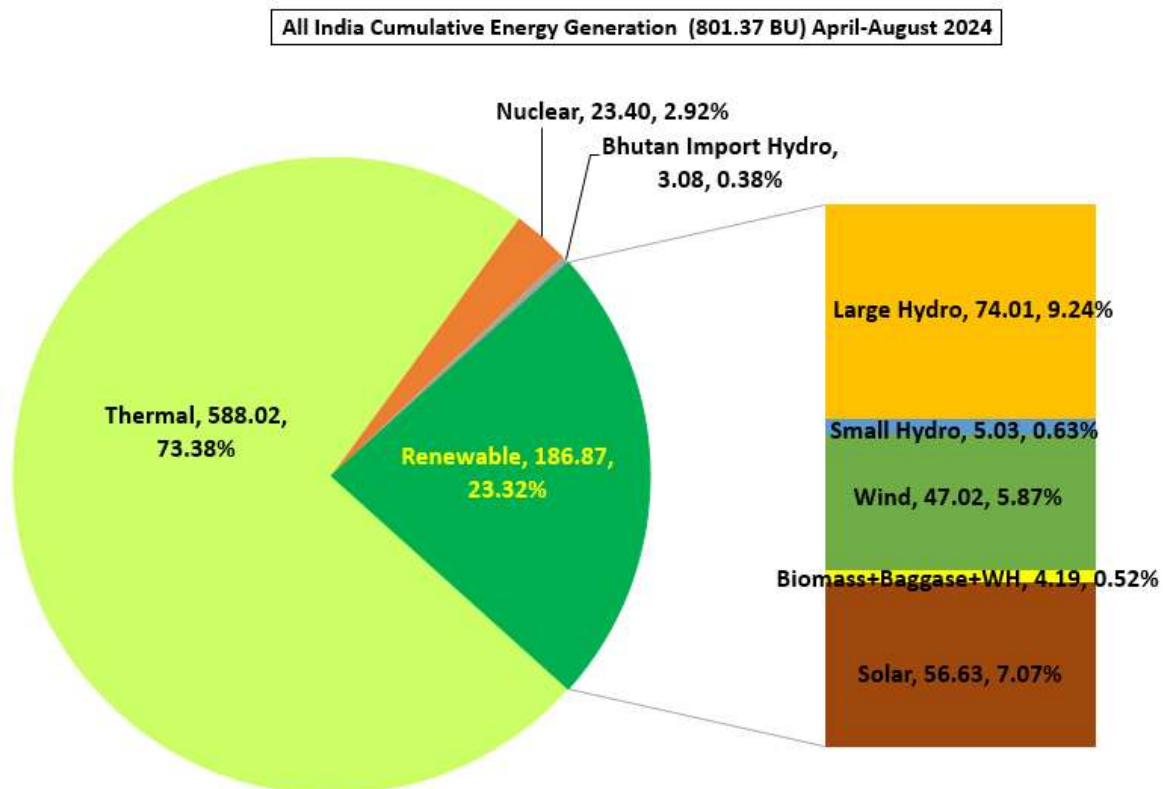


Figure 7: Cumulative Total Energy Generation in India and Share of RE for the year 2024-25

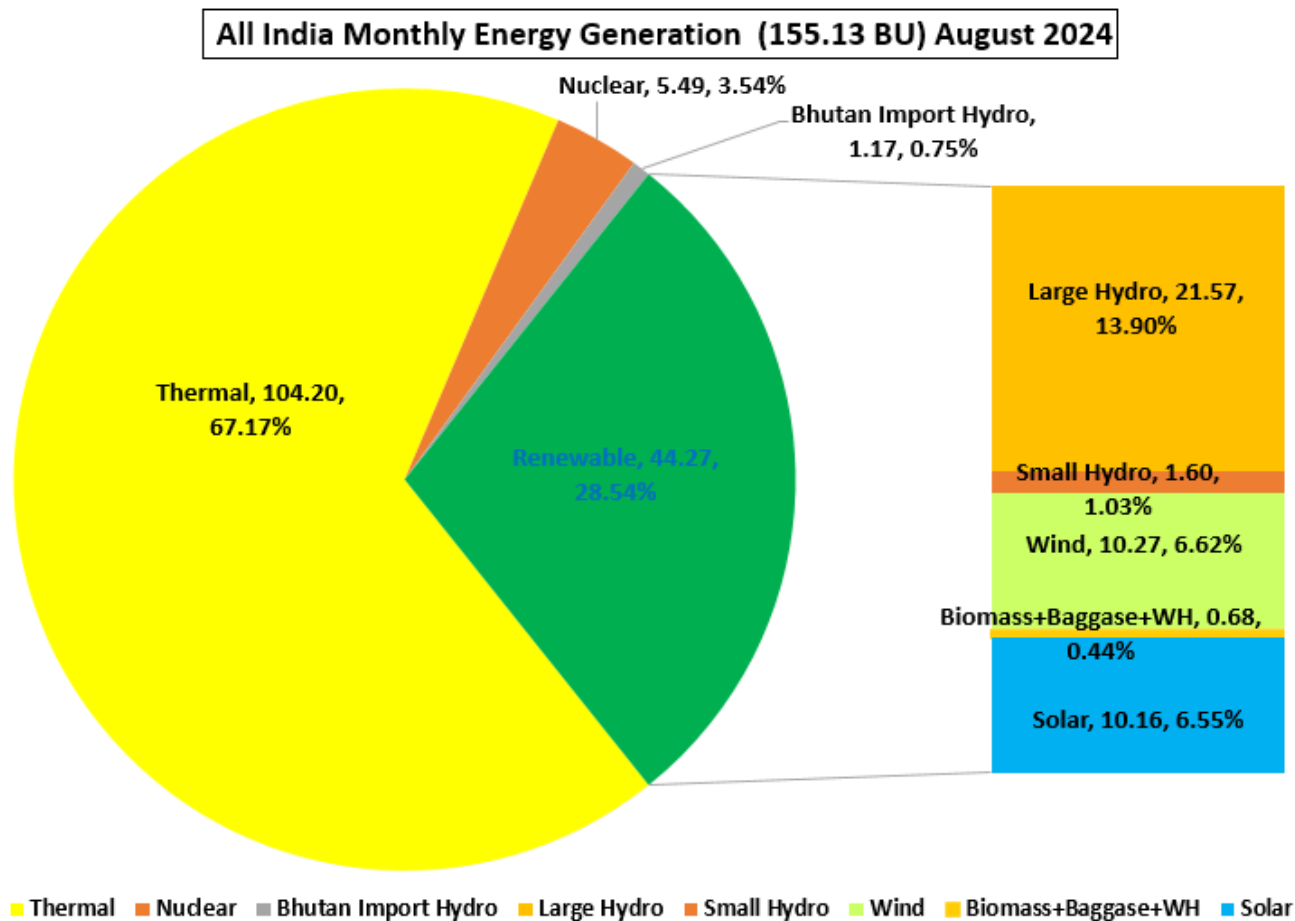


Figure 8: Total Energy Generation in India and Share of RE in the month of August 2024

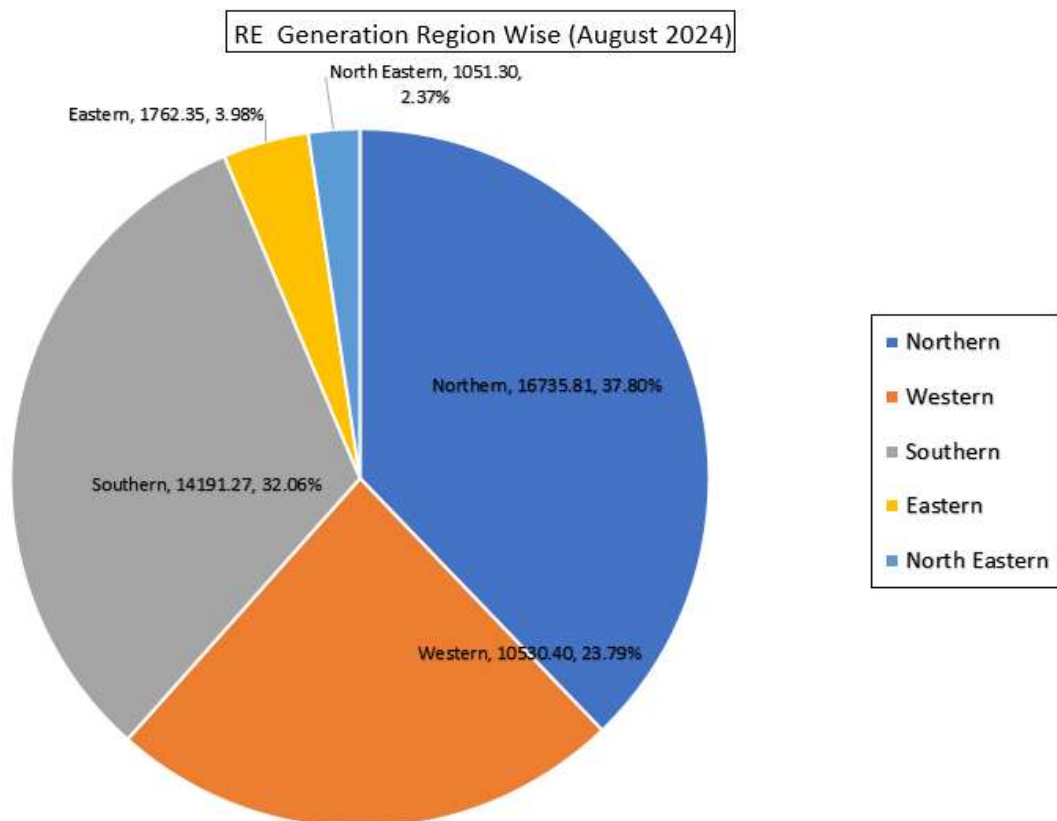


Figure 9: RE Generation Region Wise of August -2024

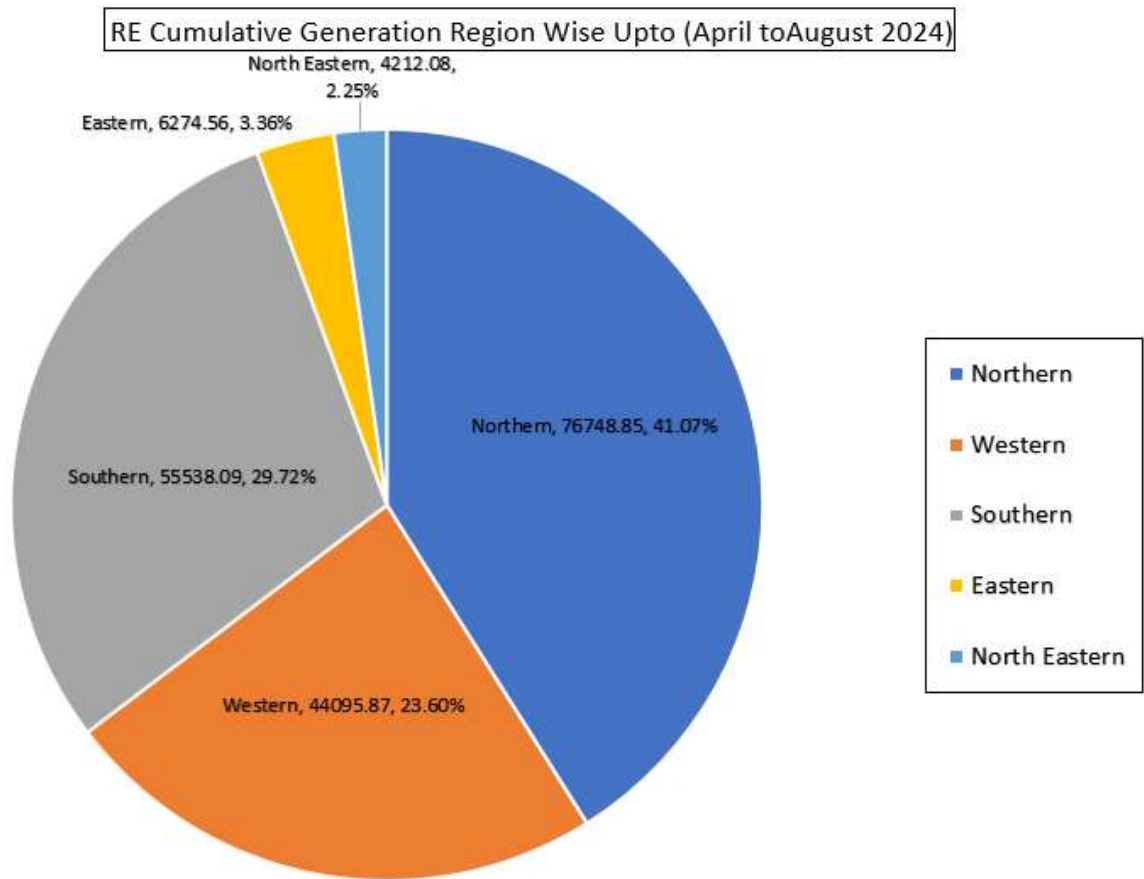


Figure 10: RE Cumulative Generation Region Wise Upto (April 2024 to August 2024)

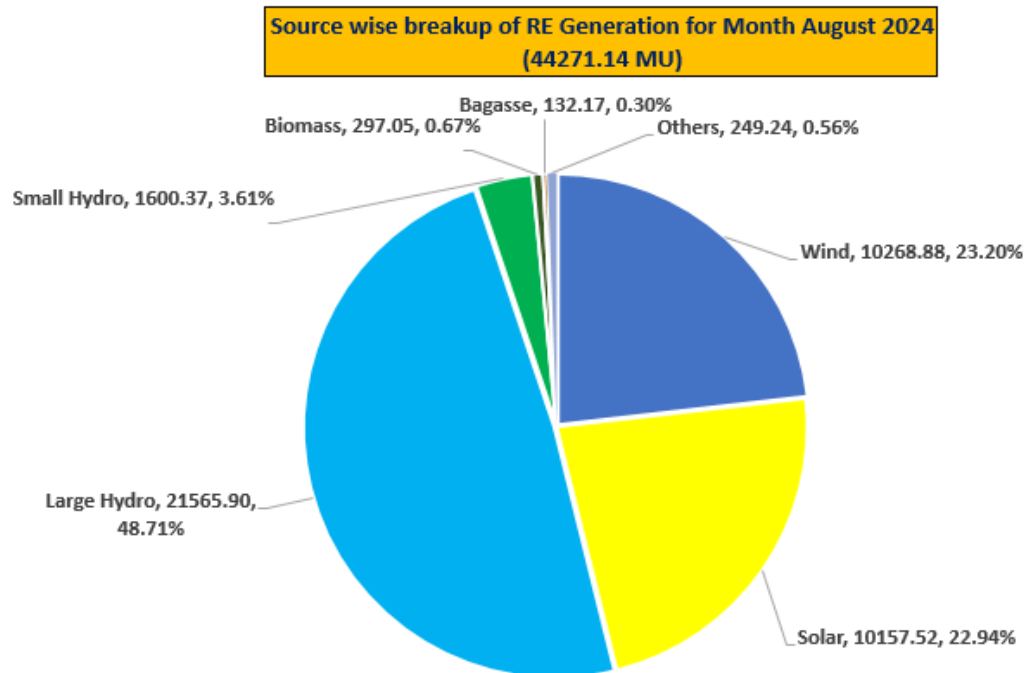


Figure 11: Source wise breakup of RE Generation in the month of August -2024

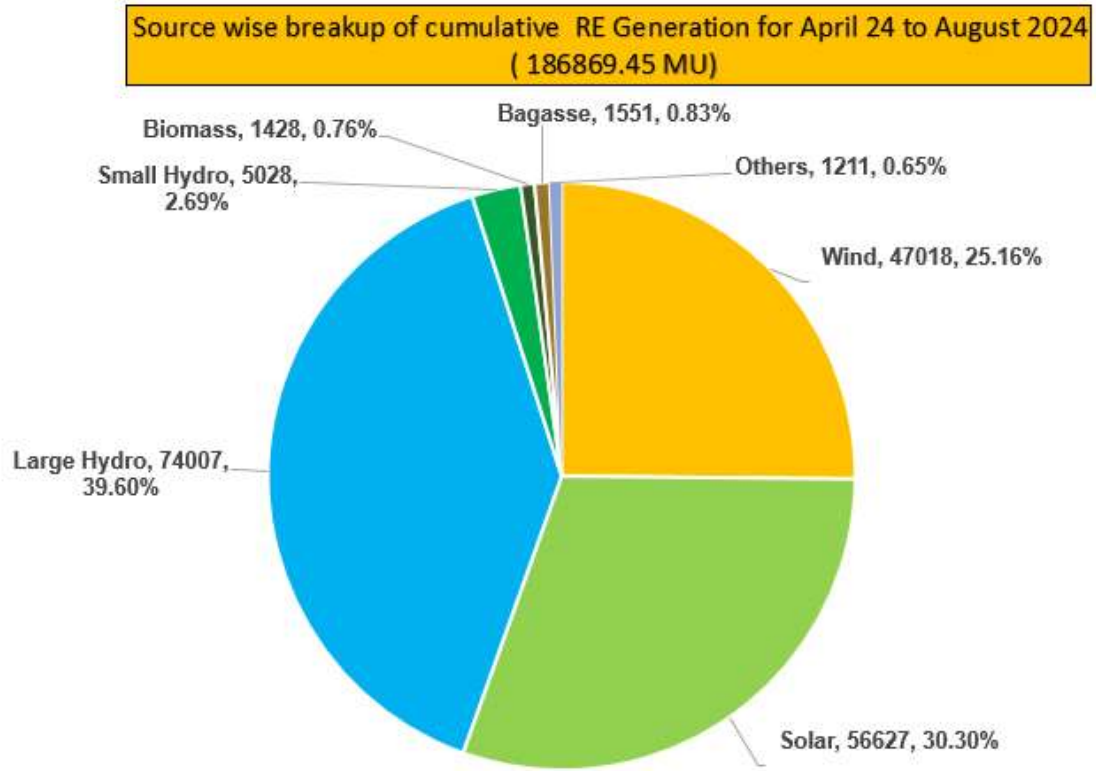


Figure 12: Source wise breakup of Cumulative RE Generation for the year 2024-25.

Summary of Renewable Energy Generation

Decreased by 2.77 % as compared to August' 23

Increased by 1.70 % as compared to July'24

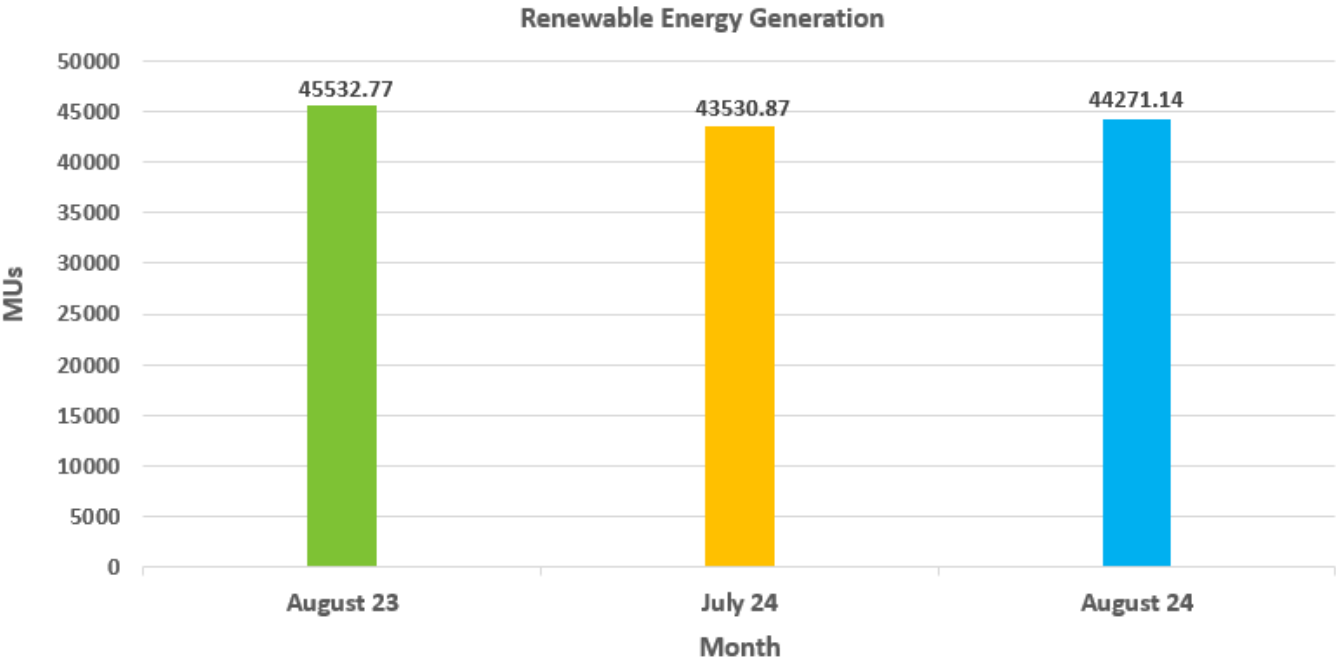


Figure 13: Renewable Energy Generation

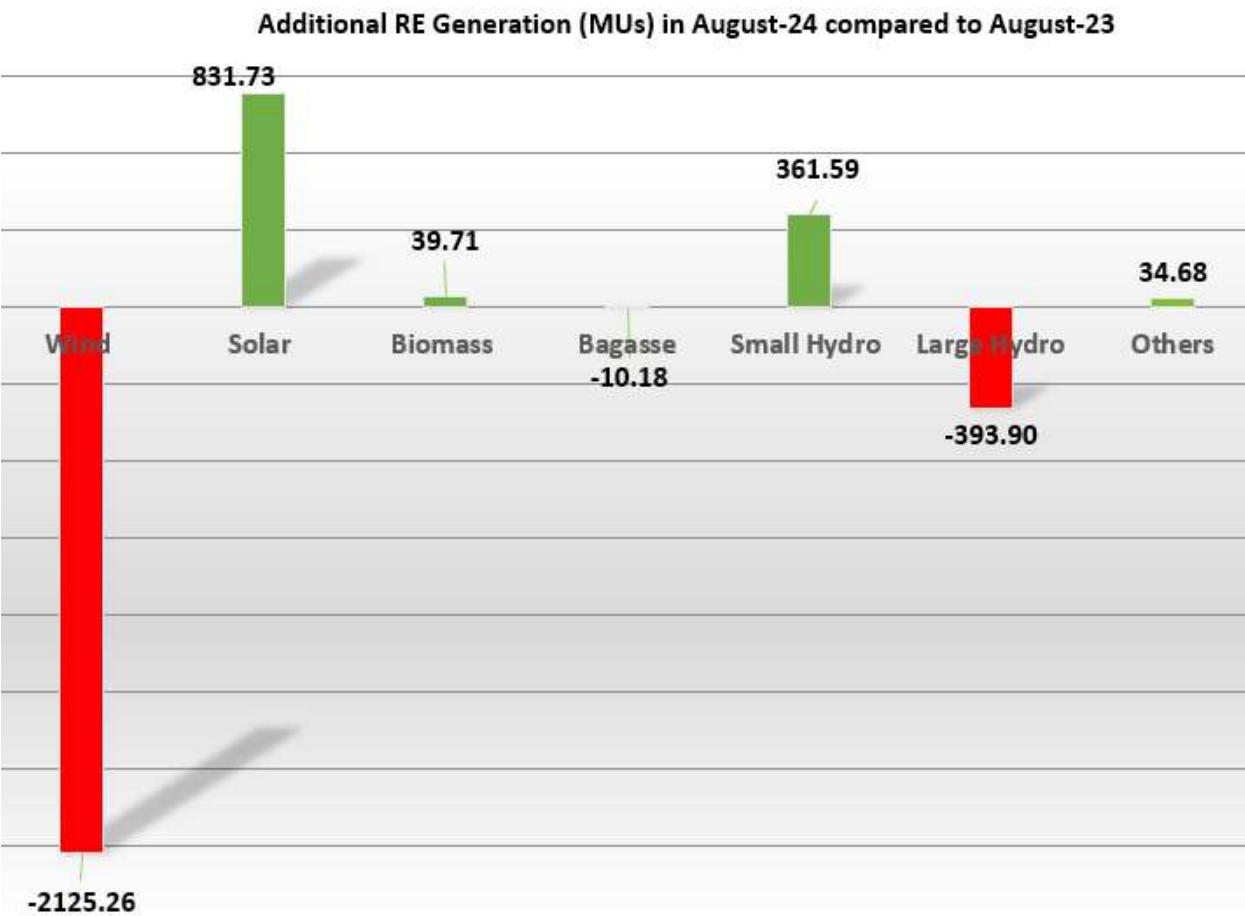


Figure 14: Additional RE Generation in August -24 as compared to August -23

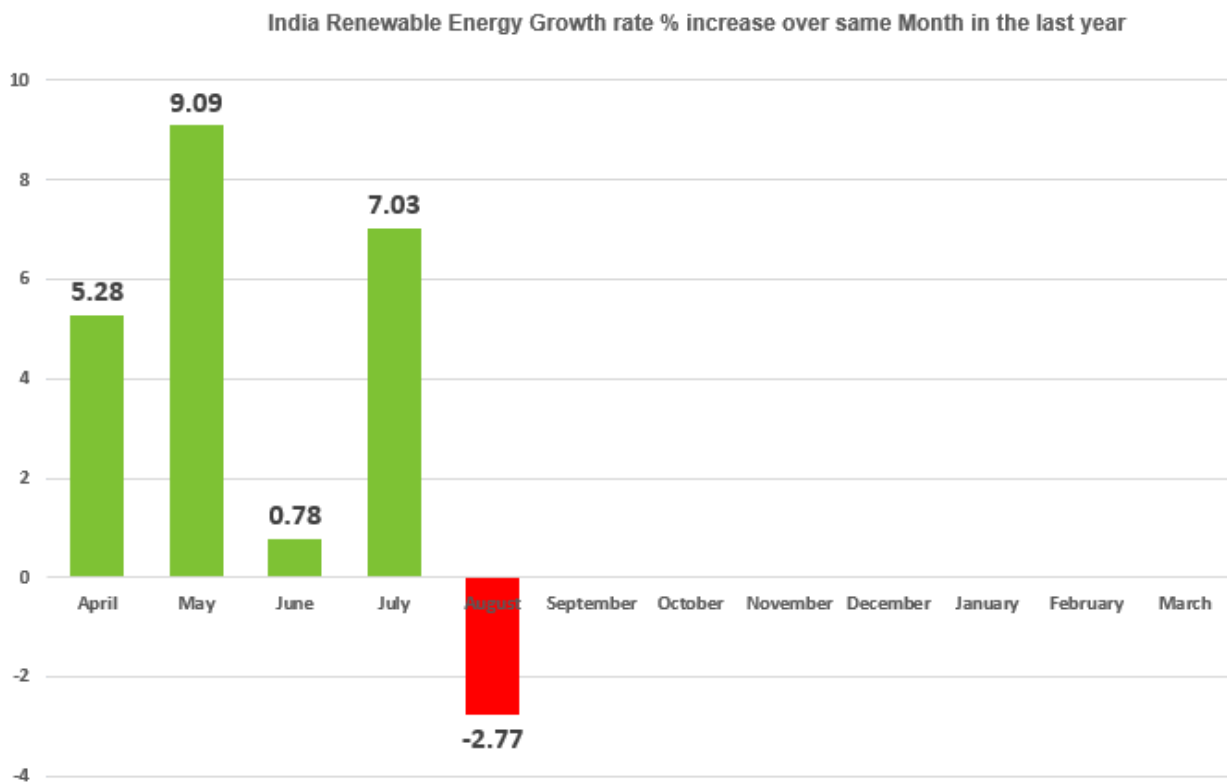


Figure 15: Month Wise % Growth of RE Generation in year 2024-25 w.r.t to previous year Same Month.

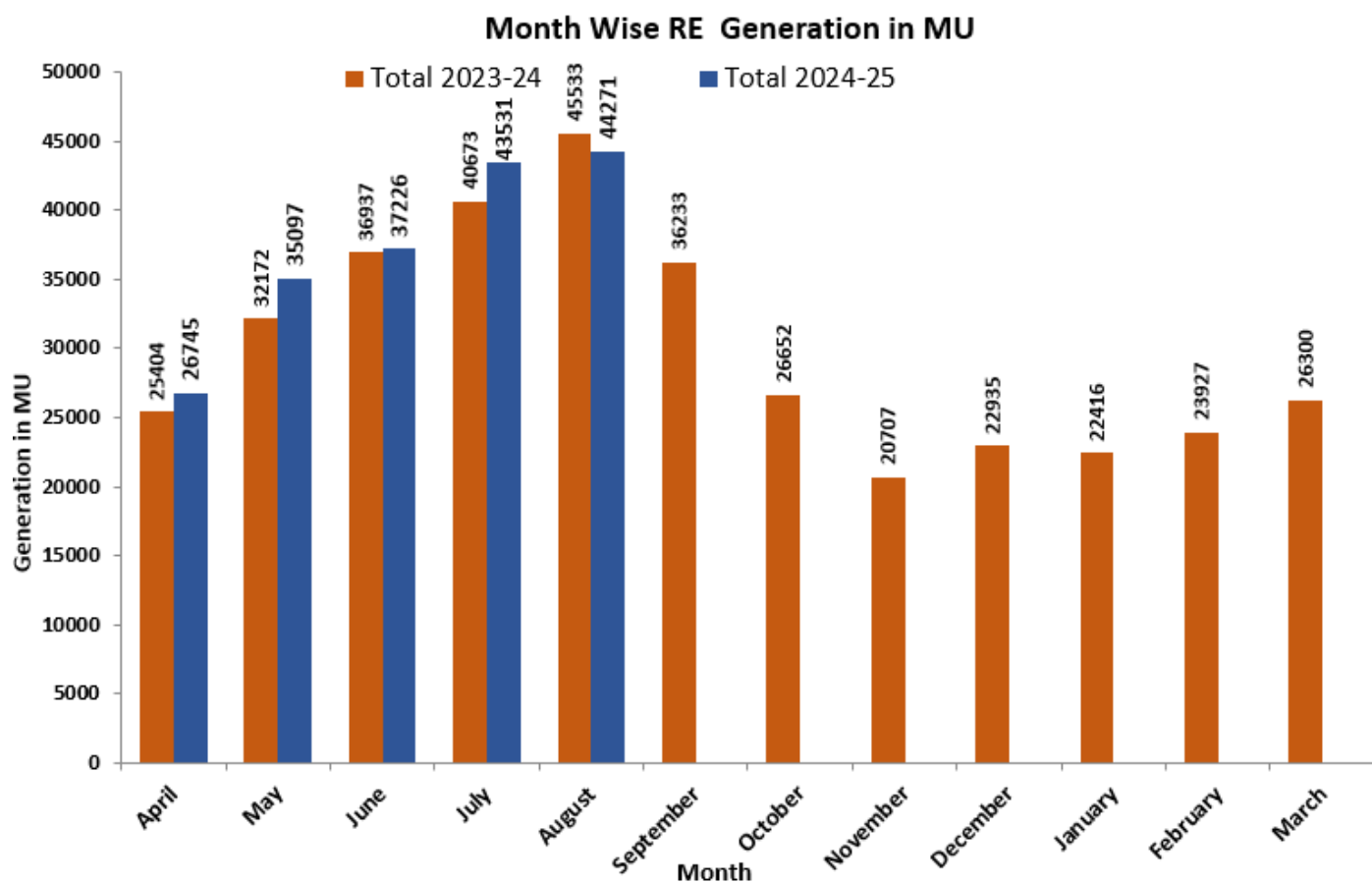


Figure 16: Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25.

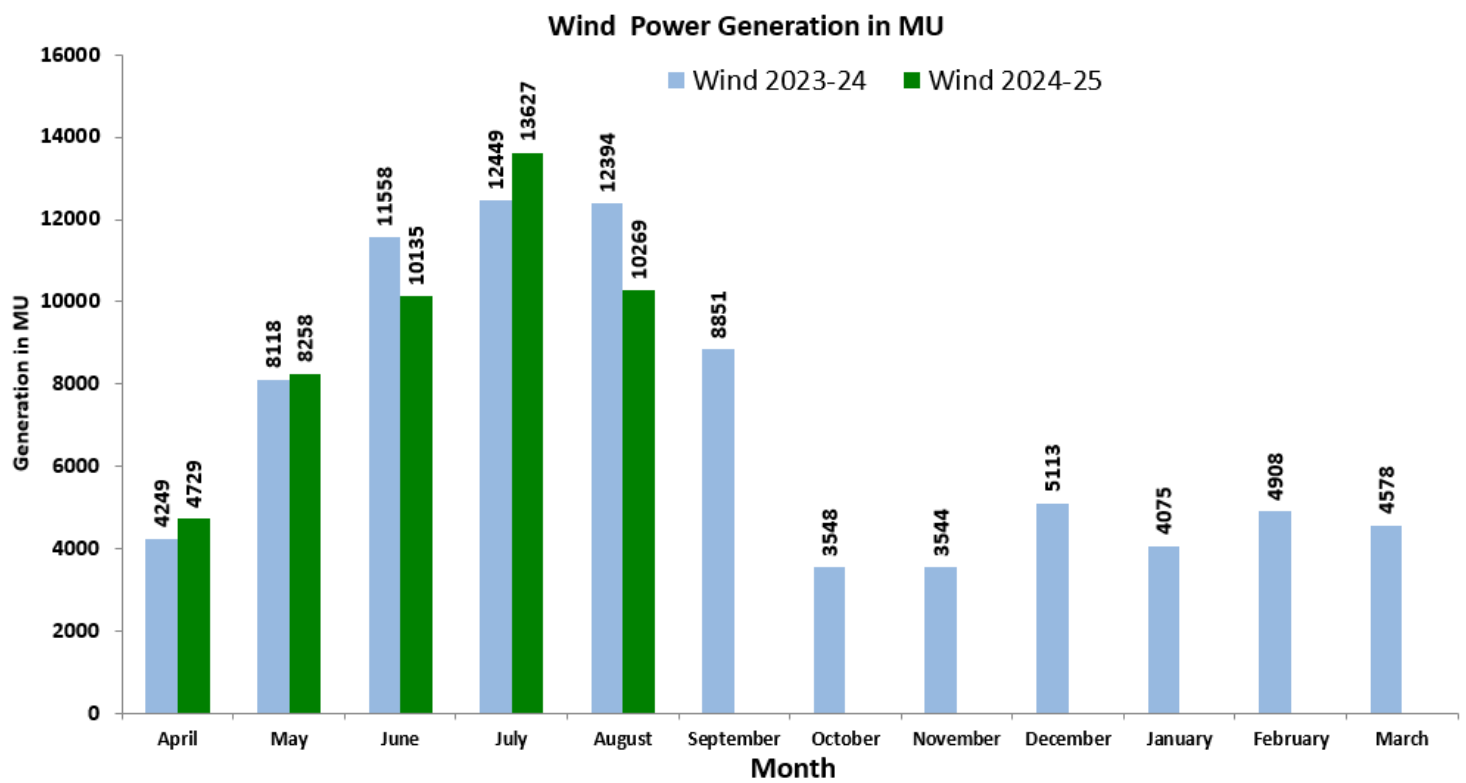


Figure 17: Month Wise Wind Power Generation for the year 2023-24 and year 2024-25.

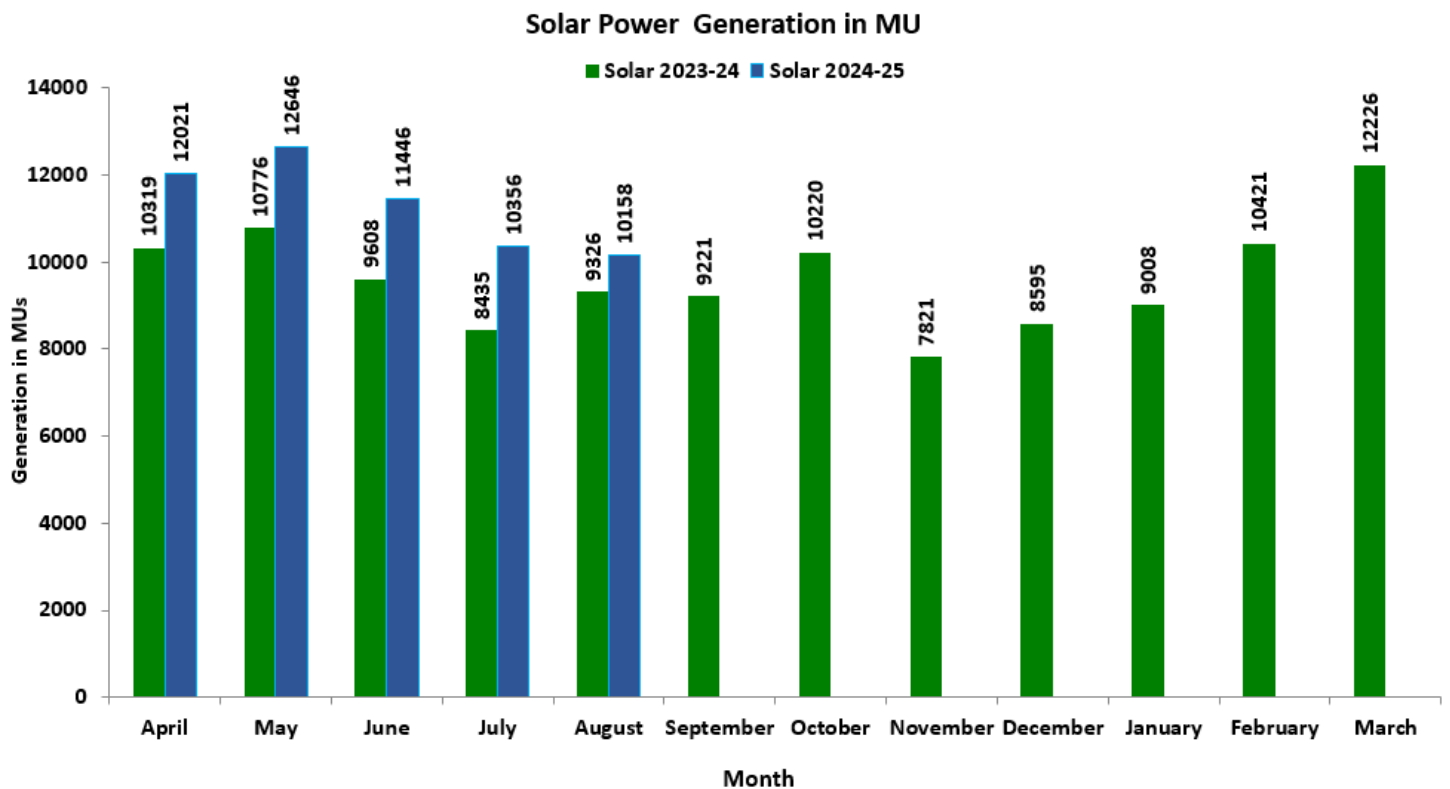


Figure 18: Month Wise Solar Power Generation for the year 2023-24 and year 2024-25.

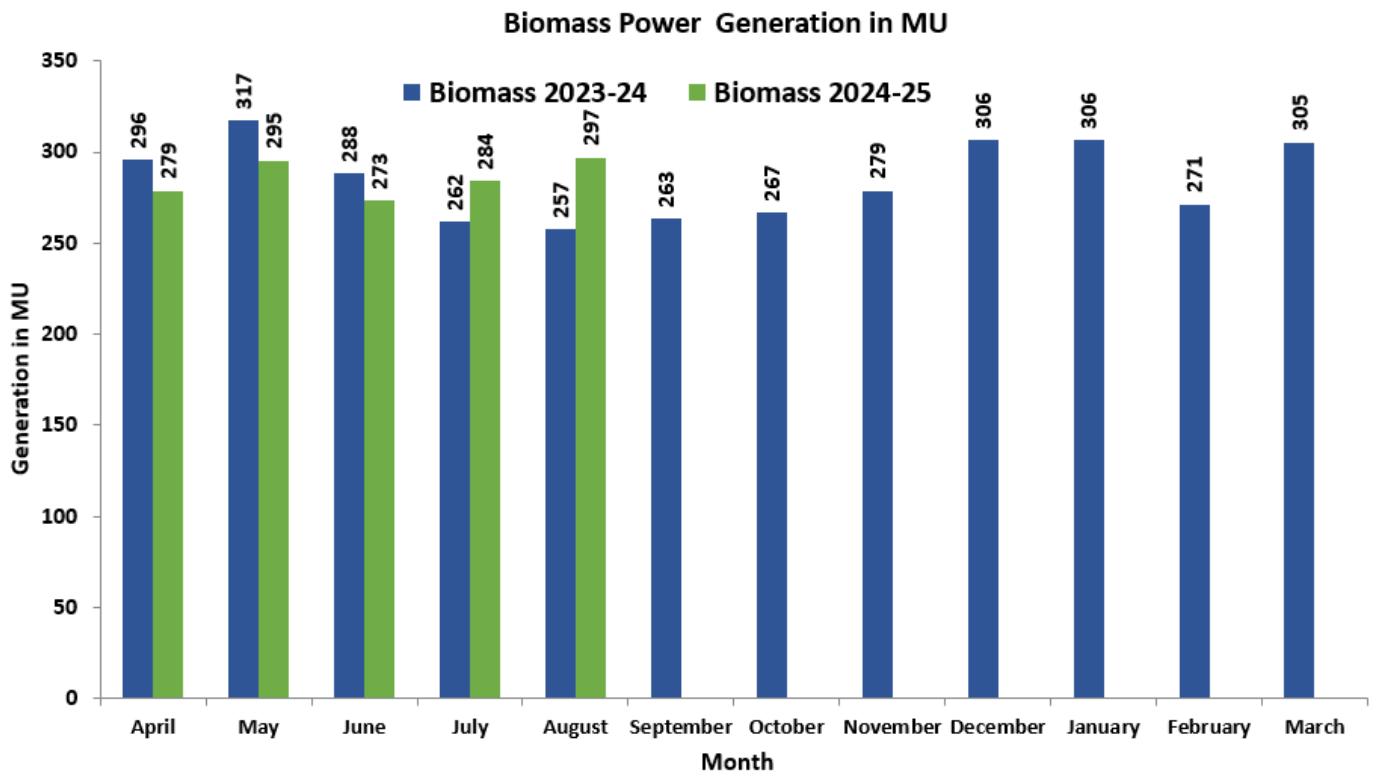


Figure 19: Month Wise Biomass Power Generation for the year 2023-24 and year 2024-25.

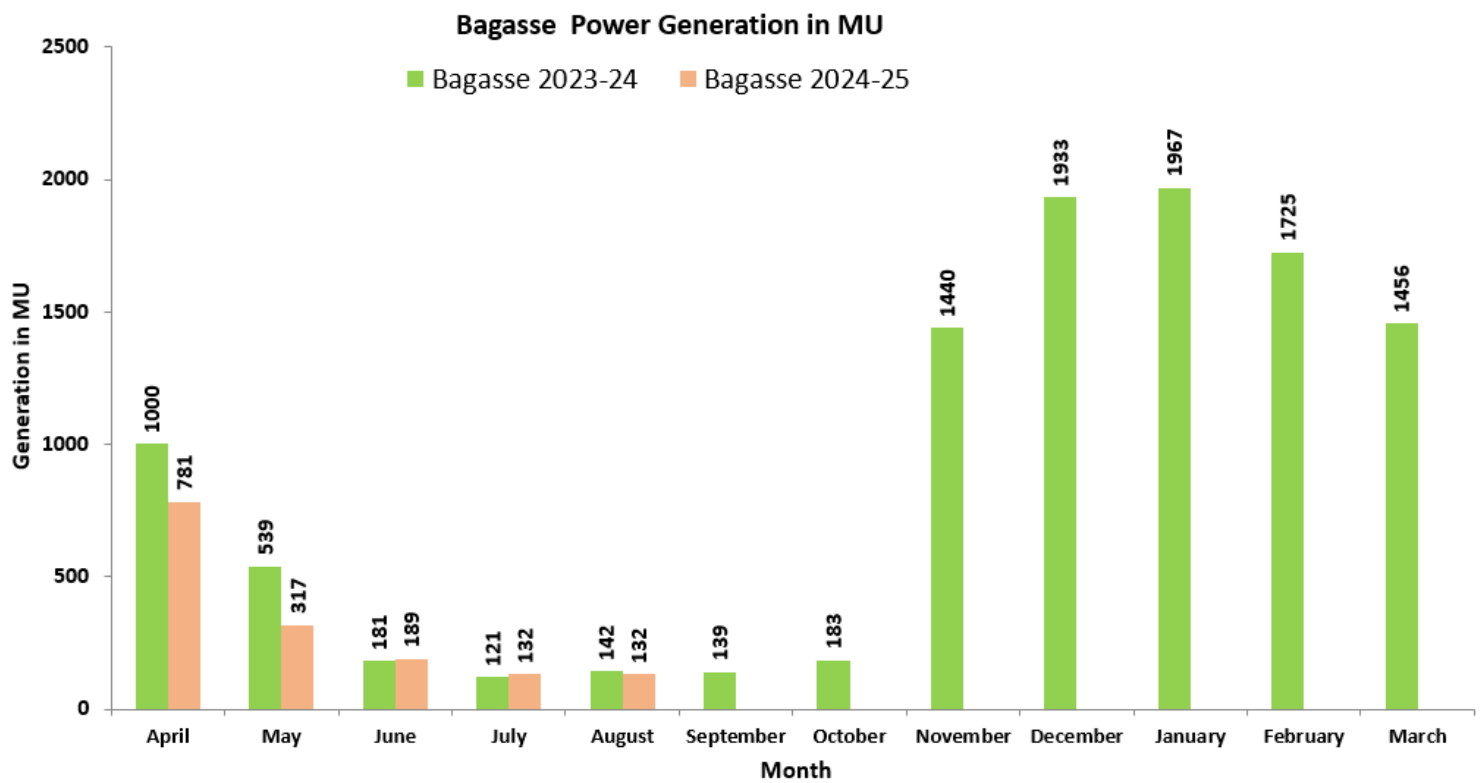


Figure 20: Month Wise Bagasse Power Generation for the year 2023-24 and year 2024-25.

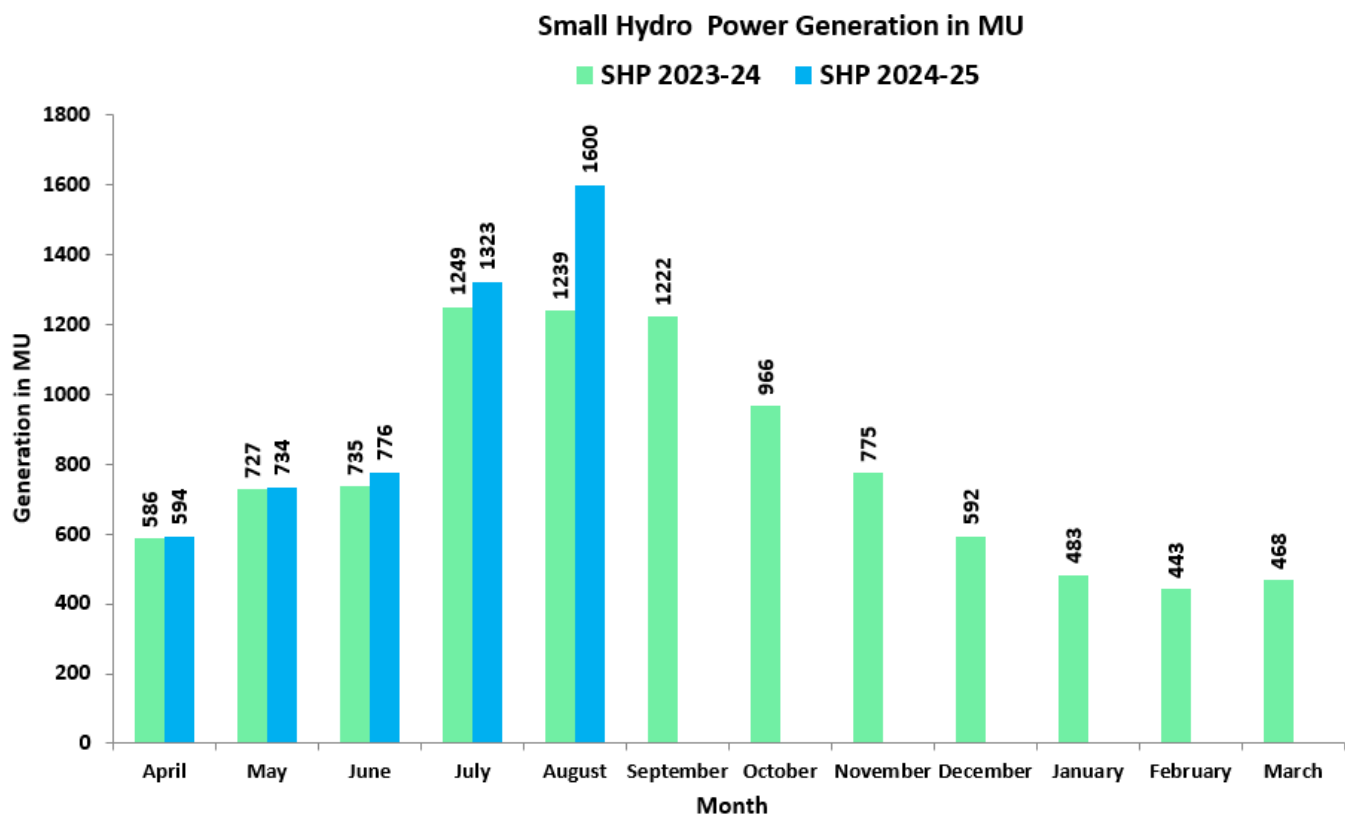


Figure 21: Month Wise Small Hydro Power Generation for the year 2023-24 and year 2024-25.

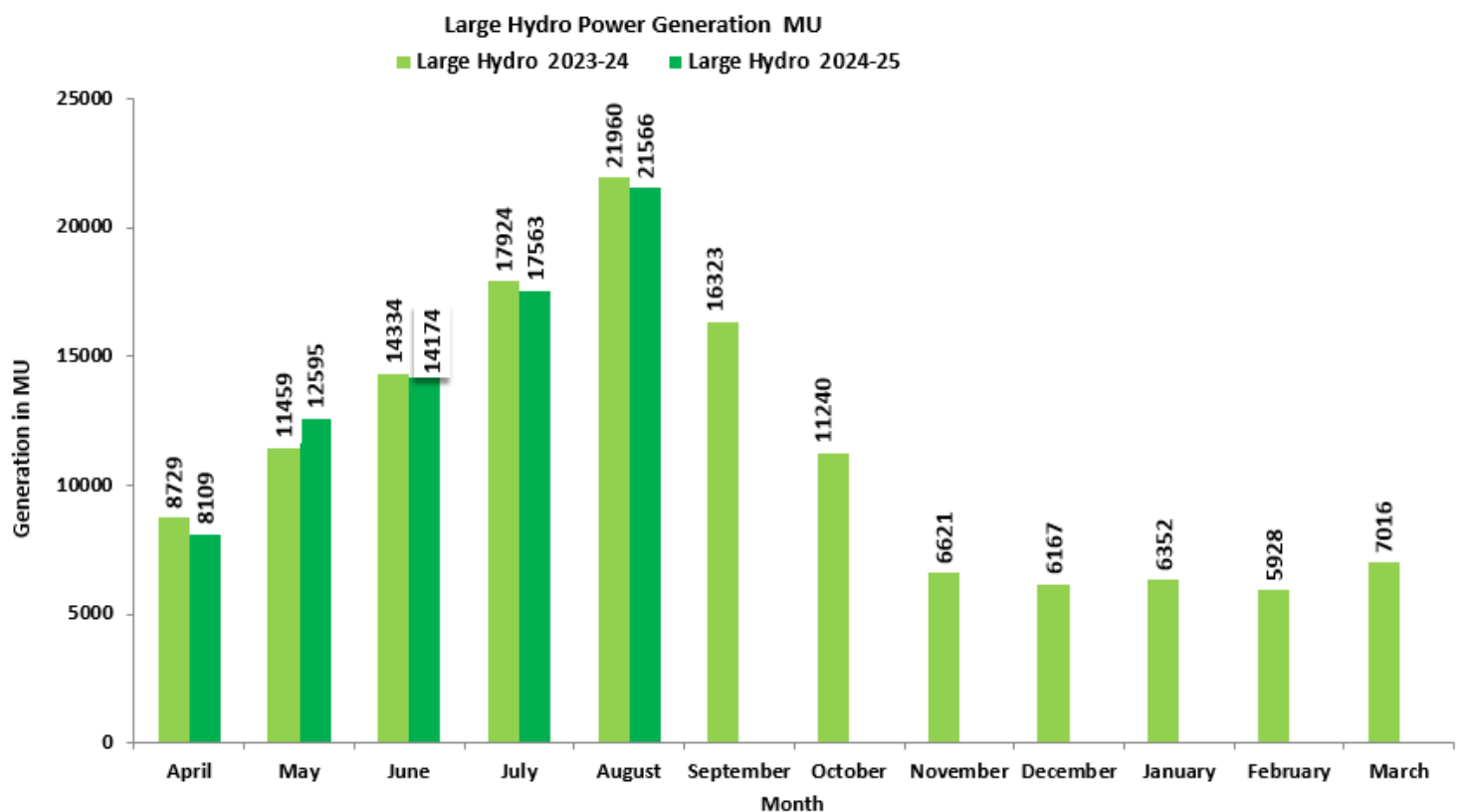


Figure 22: Month Wise Large Hydro Power Generation for the year 2023-24 and year 2024-25.

Power Generation from other RE sources in MU

■ Other 2023-24 ■ Other 2024-25

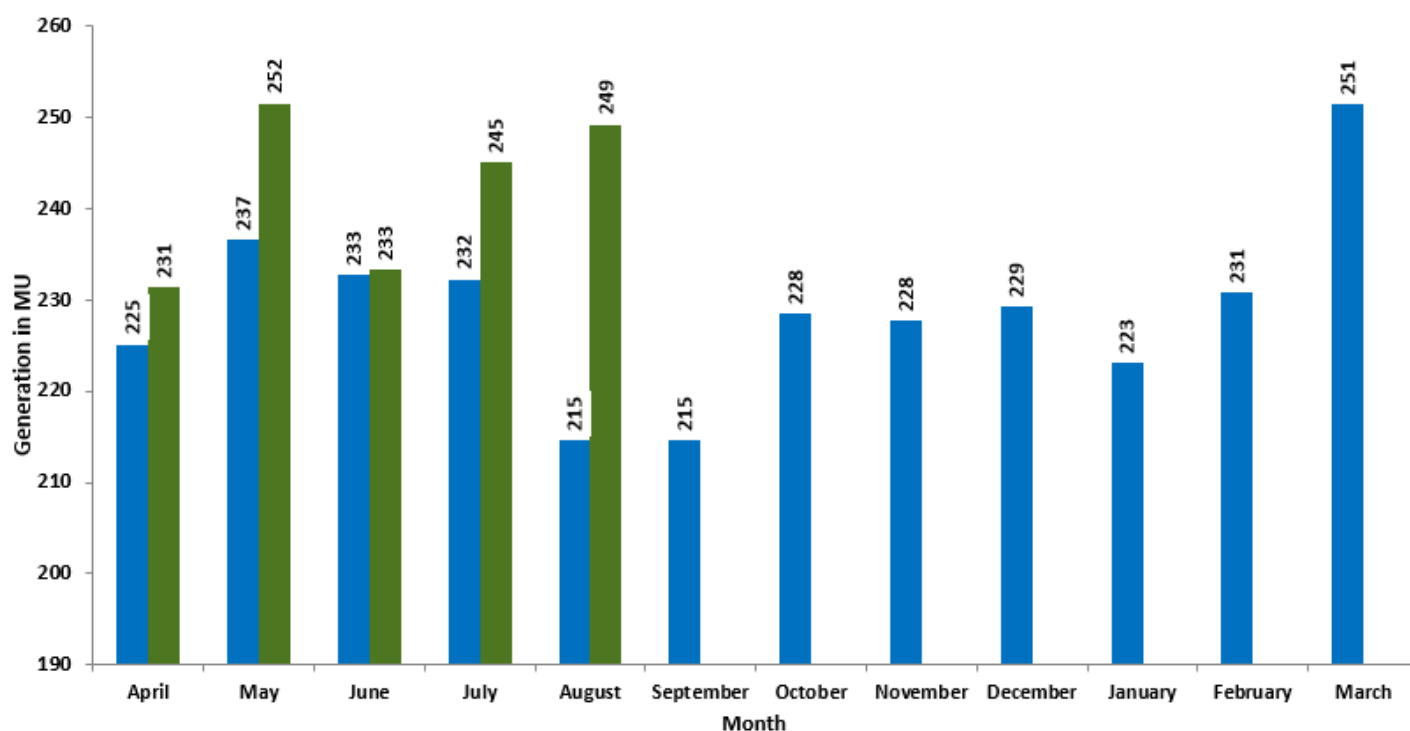


Figure 23: Month Wise Other RE (Waste Heat etc.) Power for the year 2023-24 and year 2024-25.

Year wise Generation of RE in MU

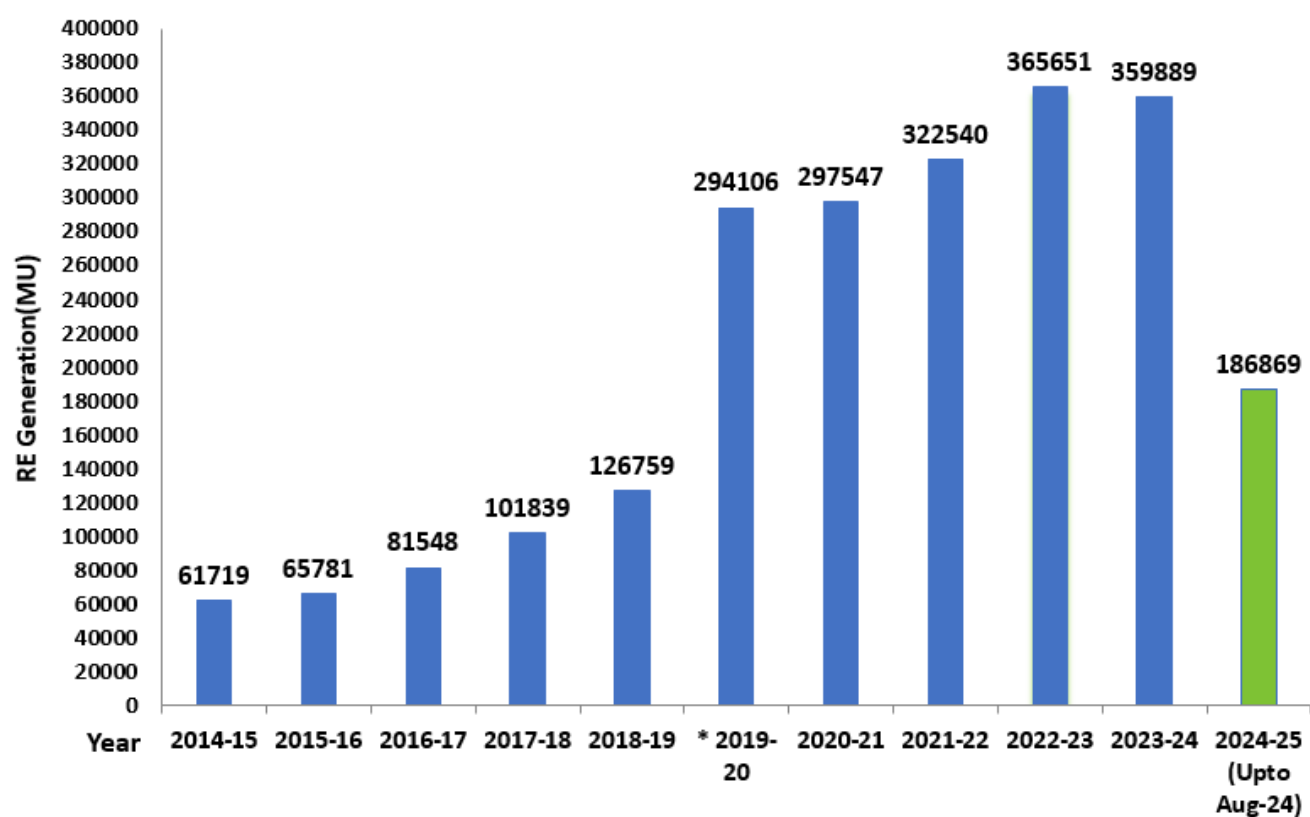


Figure 24: Year Wise RE Generation

(*) Note:- As per Ministry of Power's Order dated 8th May, 2019 large hydro power project (above 25MW) are also being considered as Renewable Energy Source.

All India Wind & Solar Power Daily Generation Report (August, 2024)

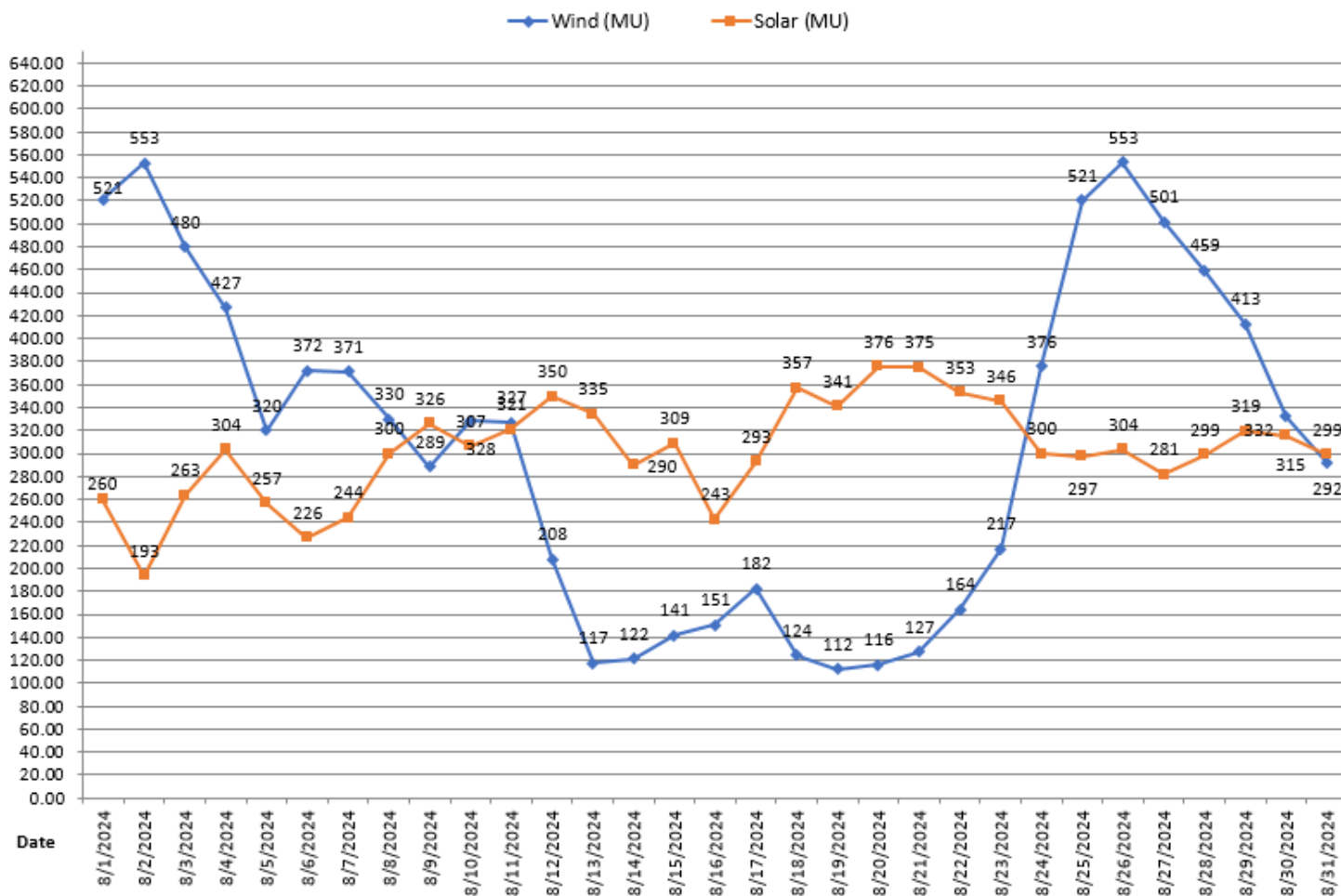


Figure 25: Daily solar and wind power generation trend in the month of August -2024

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	Installed Capacity (MW) (as on 31.08.2024)	Monitored Capacity (MW) (as on 31.08.2024) for which generation data is available	RE Generation(MU) August'2024	RE Generation(MU) August'2023	% of same Month Last Year	RE Generation (MU) April'2024-August'2024	RE Generation (MU) April'2023-August'2023	% of same period Last Year
पवन/Wind	47192.33	46726.77	10268.88	12394.14	82.85	47017.68	48768.15	96.41
सौर/Solar	89431.98	75352.7194(*)	10157.52	9325.80	108.92	56626.57	48463.60	116.84
बायोमास/Biomass	10355.35	9852.39	297.05	257.34	115.43	1428.50	1419.74	100.62
बगास/Bagasse			132.17	142.35	92.85	1551.33	1983.30	78.22
लघु जल विद्युत्/Small Hydro	5070.75	4200.73	1600.37	1238.78	129.19	5027.76	4536.64	110.83
बृहत् जल विद्युत्/Large Hydro(\$)	46928.17	46928.17	21565.90	21959.80	98.21	74007.06	74406.18	99.46
अन्य/Others	604.07	834.41	249.24	214.57	116.16	1210.56	1141.18	106.08
कुल/Total Excluding Large Hydro	152654.48	136967.02	22705.24	23572.97	96.32	112862.39	106312.61	106.16
कुल/Total Including Large Hydro	199582.65	183895.19	44271.14	45532.77	97.23	186869.45	180718.79	103.40

(*) Solar Installed capacity including 2.5 GW rooftop solar.

(\$) Large Hydro Generation data excludes import from Bhutan. However, the import from Bhutan during August 2024 and April 24 – August 24 are 1167.20 MUs and 3077.90 MU respectively.

Table 2: Renewable Energy Generation (Wind and Solar) by ISGS Stations for the Month of August 2024.

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Unchahar NTPC	Uttar Pradesh	Central	Solar	0.86
Dadri NTPC	Uttar Pradesh	Central	Solar	0.48
Singrauli NTPC	Uttar Pradesh	Central	Solar	1.25
Auraiya NTPC	Uttar Pradesh	Central	Solar	4.56
Kolayat NTPC	Rajasthan	Central	Solar	65.33
Nokhra NTPC	Rajasthan	Central	Solar	45.70
Devikot NTPC	Rajasthan	Central	Solar	35.85
ABC Renewable Energy	Rajasthan	Private	Solar	48.74
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar	42.36
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	50.46
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	117.90
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	62.24
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	57.85
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	55.67
ADANI SEJ2PL M	Rajasthan	Private	Solar	25.33
ADANI SEJ2PL P	Rajasthan	Private	Solar	25.83
ALTRA XERGI	Rajasthan	Private	Solar	60.52
AMP Energy Green Five	Rajasthan	Private	Solar	17.70
AMP Energy Green Six	Rajasthan	Private	Solar	17.78
AMPLUS_AGES	Rajasthan	Private	Solar	17.96
Anta Solar	Rajasthan	Private	Solar	12.62
ASERJ2PL	Rajasthan	Private	Solar	29.79
ASERJ2PL_INFRM	Rajasthan	Private	Solar	2.70
ASERJ2PL_BHDL	Rajasthan	Private	Solar	24.03
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	33.05
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	69.44
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	8.79
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	30.99
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	43.79
Adept_ Renewable	Rajasthan	Private	Solar	21.77
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	50.97
Avaada RJHN Private Limited	Rajasthan	Private	Solar	39.40
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	57.66

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	50.22
Ayana Renewable Three	Rajasthan	Private	Solar	30.81
Ayana Renewable Three Infirm	Rajasthan	Private	Solar	14.25
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	53.27
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	49.85
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	105.05
AZURE SOLAR	Rajasthan	Private	Solar	28.37
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	42.75
AZURE POWER THIRTY FIVE	Rajasthan	Private	Solar	21.24
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	42.57
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar	51.08
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	50.12
GRIAN ENERGY	Rajasthan	Private	Solar	17.81
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	Solar	8.67
MEGA SOILS RENEWABLE PRIVATE LIMITED	Rajasthan	Private	Solar	41.22
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	40.16
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	17.26
Nidan Solar Fatehgar	Rajasthan	Private	Solar	49.77
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	46.78
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	8.67
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar	41.92
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	45.45
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	46.18
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	44.99
Renew Surya Pratap	Rajasthan	Private	Solar	31.90
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	48.66
Rising Sun Energy	Rajasthan	Private	Solar	31.46
Serentica Renewables	Rajasthan	Private	Solar	33.43
Renew Surya Roshni	Rajasthan	Private	Solar	57.54
Renew Surya Vihaan	Rajasthan	Private	Solar	14.84
Renew Surya Ayaan	Rajasthan	Private	Solar	44.95
Tata Power Green Energy Limited	Rajasthan	Private	Solar	35.90
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	47.98
TESEPL	Rajasthan	Private	Solar	9.62
Thar Surya 1	Rajasthan	Private	Solar	51.17
TPSL Banderwala	Rajasthan	Private	Solar	33.60
TPSL BKN2 INF	Rajasthan	Private	Solar	16.55

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
TP SAURYA	Rajasthan	Private	Solar	17.12
Transition Energy	Rajasthan	Private	Solar	16.14
Transition Green Energy	Rajasthan	Private	Solar	19.34
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	141.44
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	40.94
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	20.89
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	21.74
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	21.67
Sub Total(Northern Region)				2884.71
Beempow Energy	Madhya Pradesh	Private	Solar	46.67
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	28.35
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	28.20
AVAADA_AGAR_RUMS	Madhya Pradesh	Private	Solar	27.78
Athena_RUMS	Madhya Pradesh	Private	Solar	29.49
Masaya BWSPRA_KNDW	Madhya Pradesh	Private	Solar	34.46
TPSOURY KWAI	Madhya Pradesh	Private	Wind	43.30
Sherisha Raipur	Chhattisgarh	Private	Solar	5.03
Solapur Solar	Maharashtra	Central	Solar	1.38
AREH4L_PSS1	Gujarat	Private	Solar	169.48
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	32.52
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	16.50
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	17.00
RPL_SECI-II	Gujarat	Private	Solar	69.97
Kawas NTPC	Gujarat	Central	Solar	6.46
Gandhar Solar	Gujarat	Private	Solar	1.95
GSECL RSP	Gujarat	Private	Solar	4.51
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar	111.88
AGE24AL	Gujarat	Private	Solar	110.07
Alfanar	Gujarat	Private	Wind	94.44
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	162.38
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	117.36
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	91.07
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	78.68
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	84.28

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
GSECL_PH2	Gujarat	Private	Wind	11.05
Ostro Kutch Wind Private Limited (OKWPL)	Gujarat	Private	Wind	96.15
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	91.66
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	60.04
Apraava Khkrda Jam	Gujarat	Private	Wind	90.40
Netra Kotda	Gujarat	Private	Wind	51.42
Powerica Wind	Gujarat	Private	Wind	18.33
Torrent Sidpur Jam	Gujarat	Private	Wind	42.38
SITAC	Gujarat	Private	Wind	104.34
SRIJAN	Gujarat	Private	Wind	46.10
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind	95.03
SGEL RSP	Gujarat	Private	Wind	12.31
<u>Sub Total(Western Region)</u>				2132.42
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	52.94
GRTJIPL	Tamil Nadu	Private	Solar	26.88
Mytra	Tamil Nadu	Private	Wind	53.51
Orange	Tamil Nadu	Private	Wind	42.01
Green Infra	Tamil Nadu	Private	Wind	54.53
Hiriyur Ostro	Tamil Nadu	Private	Wind	85.04
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	55.31
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	60.80
KARUR_JSWRETWO_W	Tamil Nadu	Private	Wind	17.48
TUTICORIN_JSW_RENEW_W	Tamil Nadu	Private	Wind	37.91
JSW Savlaperi	Tamil Nadu	Private	Wind	51.45
Ettayapuram NTPC	Tamil Nadu	Central	Solar	43.28
ARPSPL KOPPAL	Karnataka	Private	Wind	80.02
RSOPL KOPPAL	Karnataka	Private	Wind	79.94
RSOPL KOPPAL infirm	Karnataka	Private	Wind	5.76
RSRPL KOPPAL	Karnataka	Private	Wind	79.53
Serentica_koppal	Karnataka	Private	Wind	18.91
Serentica_koppal infirm	Karnataka	Private	Wind	3.08
Ramagundam Floating Solar	Telangana	Central	Solar	13.98
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	3.11
<u>Southern Region</u>				865.47
<u>All India Total</u>				5882.60

Source: - 1.Generation from ISGS projects is prepared from block wise data received from RPCs.

2. Generation of ISGS generating stations is included in respective State in Renewable Energy Generation sheet according to physical location so their generation should not be considered additional generation

Table 3: Renewable Energy Generation (Excluding Large Hydro) by CPSU Owned stations

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) August 2024	RE Generation (MU) August 2023	RE Generation (MU) April 2024- August 2024	RE Generation (MU) April 2023- August 2023
NTPC							
Faridabad_Solar	Haryana	5	Solar	0.45	0.49	2.60	2.80
Bhadla	Rajasthan	260	Solar	28.54	37.64	178.81	186.05
Jetsar	Rajasthan	160	Solar	29.55	33.35	164.59	165.39
Fatehgarh	Rajasthan	296	Solar	50.37	116.86	314.28	331.95
Devikot	Rajasthan	240	Solar	36.53	48.28	229.17	244.05
Nokhra	Rajasthan	300	Solar	45.87	61.72	292.06	297.35
Anta Solar	Rajasthan	90	Solar	3.29	0.00	58.38	0.00
Dadri_Solar	Uttar Pradesh	5	Solar	0.47	0.49	2.67	2.74
Unchahar_Solar	Uttar Pradesh	10	Solar	0.83	0.96	5.76	6.13
Singrauli_Solar	Uttar Pradesh	15	Solar	1.29	1.36	8.51	8.67
Auraiya	Uttar Pradesh	40	Solar	4.40	5.95	29.06	32.19
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	1.51	3.17	14.62	17.43
Ayodhya	Uttar Pradesh	14	Solar	5.59	0.00	17.34	0.00
Chattargarh	Rajasthan	150	Solar	23.98	0.00	146.10	0.00
Rojmal	Gujarat	50	Wind	12.60	14.16	52.21	56.03
Dayapar	Gujarat	50	Wind	9.82	0.00	54.15	0.00
Rajgarh_Solar	Madhya Pradesh	50	Solar	4.65	4.89	28.86	28.73
Mandsaur	Madhya Pradesh	250	Solar	22.49	26.75	143.43	152.53
Solapur	Maharashtra	10	Solar	1.28	1.54	7.76	7.68
Anantapuram	Andhra Pradesh	250	Solar	29.59	0.00	153.60	96.28
Ramagundam	Telangana	110	Solar	14.27	19.89	83.32	89.17
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.44	0.46	2.26	2.34
Talchar_Solar	Orissa	10	Solar	0.86	0.98	4.82	5.35
Solar_Bilhaur	Uttar Pradesh	225	Solar	35.05	34.95	210.87	200.04

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) August 2024	RE Generation (MU) August 2023	RE Generation (MU) April 2024- August 2024	RE Generation (MU) April 2023- August 2023
Simhadri Floating Project	Andhra Pradesh	25	Solar	3.00	6.87	18.38	24.12
Kayamkulam	Kerala	92	Solar	17.29	20.80	79.27	90.22
Kawas	Gujarat	56	Solar	6.50	5.80	41.84	41.26
Gandhar	Gujarat	20	Solar	2.02	2.72	15.16	12.49
Shambu ki Burj-I	Rajasthan	250	Solar	40.64	53.90	265.58	268.11
Shambu ki Burj-II	Rajasthan	150	Solar	24.10	33.59	166.71	167.69
Ettayapuram	Tamil Nadu	230	Solar	42.04	49.04	211.43	211.71
Gujarat Solar	Gujarat	60	Solar	6.04	0.00	6.04	0.00
Bhainsara	Rajasthan	160	Solar	2.89	0.00	2.89	0.00
Total NTPC		3672		508.24	586.58	3012.51	2748.48
THDC							
Patan Wind Power Project	Gujarat	50	Wind	9.24	12.11	42.20	42.43
Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	14.39	21.87	65.96	70.52
Solar Kasaragod	Kerala	50	Solar	5.91	7.78	31.75	38.16
Rishikesh office Premises (New)	Uttarakhand	0.50	Solar	0.04	0.03	0.23	0.22
Rishikesh office Premises (Old)	Uttarakhand	0.50	Solar	0.04	0.00	0.23	0.00
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	12.55	6.69	20.06	22.46
Total THDC		188.00		42.17	48.48	160.43	173.79
NHPC							
Wind Power Project	Rajasthan	50.00	Wind	6.85	13.11	26.06	33.35
Solar Power Project	Tamilnadu	50.00	Solar	7.51	9.23	37.45	33.66
Total NHPC		100.00		14.35	22.34	63.51	67.01
ONGC							
Bhuj	Gujarat	51.00	Wind	9.38	0.00	39.03	11.51
Jaisalmer	Rajasthan	102.00	Wind	12.88	27.10	61.53	66.00
Assam	Assam	1.66	Roof Top	0.13	0.00	0.64	0.15
Assam	Assam	1.09	Ground Mounted	0.12	0.01	0.58	1.57
Tripura	Tripura	0.25	Roof Top	0.02	0.00	0.09	0.72

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) August 2024	RE Generation (MU) August 2023	RE Generation (MU) April 2024- August 2024	RE Generation (MU) April 2023- August 2023
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Ground Mounted	0.06	0.01	0.41	0.83
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Ground Mounted	0.53	0.61	3.12	1.81
Cauvery	Tamil Nadu	0.46	Ground Mounted	0.05	0.00	0.23	0.13
Vagara, Ankleshwar	Gujarat	5.00	Ground Mounted	0.41	0.61	3.16	2.76
Gujarat	Gujarat	4.23	Roof Top	0.27	0.00	1.70	0.48
Jodhpur	Rajasthan	0.16	Ground Mounted	0.01	0.00	0.09	0.15
Jaisalmer	Rajasthan	0.16	Ground Mounted	0.01	0.00	0.08	0.15
Uttarakhand	Uttarakhand	1.24	Roof Top	0.08	0.00	0.39	0.02
Goa	Goa	1.00	Ground Mounted	0.06	0.03	0.30	0.17
Hazira	Gujarat	10.00	Ground Mounted	0.78	0.00	5.59	0.01
Hazira	Gujarat	5.00	Ground Mounted	0.46	0.00	3.29	0.04
Mumbai (Uran & NBP Green Heights)	Maharashtra	0.29	Roof Top	0.03	0.00	0.47	0.01
DDU, Bhawan, Delhi	Delhi	0.30	Roof Top	0.01	0.00	0.12	0.03
ONGC Colony Noida	Uttar Pradesh	0.06	Roof Top	0.00	0.00	0.02	0.00
EOA Logistics Park, Kakinada	Andhra Pradesh	1.00	Roof Top	0.08	0.00	0.45	0.00
Cambay	Gujarat	2.00	Ground Mounted SPP	0.22	0.00	1.42	0.00
Total ONGC		192.89		25.59	28.37	122.73	86.55
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	7.94	8.92	35.01	35.92
Sadla Wind Power	Gujarat	50	Wind	10.36	15.94	49.82	61.65
Charanka Solar Power	Gujarat	5.60	Solar	0.44	0.46	3.39	3.36

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) August 2024	RE Generation (MU) August 2023	RE Generation (MU) April 2024- August 2024	RE Generation (MU) April 2023- August 2023
Wadhal Solar Power Project	Himachal Pradesh	1	Solar	0.09	0.02	0.61	0.41
Gurhah	Uttar Pradesh	75	Solar	11.51	0.00	66.62	0.00
Gujari		50	Solar	6.96	0.00	42.41	0.00
Parasan Solar Power	Uttar Pradesh	75	Solar	11.86	12.28	68.34	69.80
		100		12.71	0.00	66.73	0.00
Total SJVN		404.20		61.88	37.62	332.94	171.14
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.11	2.12	10.53	10.70
Oil India Ltd	Rajasthan	67.60	Wind	8.59	12.33	39.07	36.33
Oil India Ltd	Gujarat	43.30	Wind	9.65	11.55	45.48	48.21
Oil India Ltd	Madhya Pradesh	63.20	Wind	10.31	15.00	55.05	54.31
Total Oil India Ltd		188.10		30.67	41.00	150.14	149.55
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.39	0.28	2.31	1.71
NEEPCO	Assam	25.00	Small Hydro	18.06	18.93	85.01	53.92
NEEPCO Total		30.00		18.45	19.21	87.33	55.62
DVC							
DVC	West Bengal	10.10	Solar	1.16	0.01	7.41	0.02
DVC	Jharkhand	4.00	Small Hydro	0.85	0.00	0.85	0.00
Total DVC		14.10		2.01	0.01	8.26	0.02
All India Total		4789.29		703.36	783.60	3937.85	3452.17

Note: 1.Generation of CPSU owned RE generating stations is included in respective State in Renewable Energy Generation Sheet according to physical location so their generation should not be considered additional generation.

Table 4:- RE Deviation Data for ISGS

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of August 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Northern Region					
Unchahar NTPC	Solar	0.78	0.86	0.08	10.26
Dadri NTPC	Solar	0.57	0.48	-0.09	-15.79
Singrauli NTPC	Solar	1.36	1.25	-0.11	-8.09
Auraiya NTPC	Solar	5.83	4.56	-1.27	-21.78
Kolayat NTPC	Solar	71.00	65.33	-5.67	-7.99
Nokhra NTPC	Solar	53.86	45.70	-8.16	-15.15
Devikot NTPC	Solar	37.12	35.85	-1.27	-3.42
ABC Renewable Energy	Solar	53.20	48.74	-4.46	-8.38
Acme Chittorgarh Energy Pvt Ltd.	Solar	44.27	42.36	-1.91	-4.31
Acme Heergharh Powertech Pvt Ltd	Solar	51.58	50.46	-1.12	-2.17
Adani Hybrid Energy Jaisalmer Four Limited	Solar	257.65	259.34	1.69	0.66
Adani Hybrid Energy Jaisalmer One Limited	Solar	95.79	91.11	-4.68	-4.89
Adani Hybrid Energy Jaisalmer Three Limited	Solar	80.57	78.74	-1.83	-2.27
Adani Hybrid Energy Jaisalmer Two Limited	Solar	78.02	77.41	-0.61	-0.78
ADANI SEJ2PL M	Solar	29.46	25.33	-4.13	-14.02
ADANI SEJ2PL P	Solar	27.35	25.83	-1.52	-5.56
ALTRA XERGI	Solar	62.70	60.52	-2.18	-3.48
AMP Energy Green Five	Solar	19.39	17.70	-1.69	-8.72
AMP Energy Green Six	Solar	20.70	17.78	-2.92	-14.11
AMPLUS_AGES	Solar	22.24	17.96	-4.28	-19.24
ANTA SOLAR	Solar	12.45	12.62	0.17	1.37
ASERJ2PL	Solar	36.36	29.79	-6.57	-18.07

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of August 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
ASERJ2PL_INFRM	Solar	3.11	2.70	-0.41	-13.18
ASERJ2PL_BHDL	Solar	24.99	24.03	-0.96	-3.84
Adani Renewable Energy RJ Limited (RERJL)	Solar	35.12	33.05	-2.07	-5.89
Adani Jaisalmer One SEPL Solar	Solar	102.78	103.18	0.40	0.39
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Solar	9.20	8.79	-0.41	-4.46
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Solar	34.07	30.99	-3.08	-9.04
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Solar	51.16	43.79	-7.37	-14.41
Adept _ Renewable	Solar	25.93	21.77	-4.16	-16.04
Avaada Sunrays Energy Private Limited	Solar	56.58	50.97	-5.61	-9.92
Avaada RJHN Private Limited	Solar	40.98	39.40	-1.58	-3.86
Avaada Sunce Energy Private Limited	Solar	60.04	57.66	-2.38	-3.96
Avaada Sustainable RJ Project Private Ltd.	Solar	54.06	50.22	-3.84	-7.10
Ayana Renewable Three	Solar	33.09	30.81	-2.28	-6.89
Ayana Renewable Three Infirm	Solar	17.34	14.25	-3.09	-17.82
Ayana Renewable Power One Private Limited	Solar	53.96	53.27	-0.69	-1.28
Azure Power Forty One Private Limited	Solar	52.80	49.85	-2.95	-5.59
Azure Power Forty Three Private Ltd	Solar	109.38	105.05	-4.33	-3.96
Azure Power India Pvt Ltd	Solar	30.02	28.37	-1.65	-5.50
Azure Power Maple Pvt Ltd	Solar	47.88	42.75	-5.13	-10.71
Azure Power Thirty Five Private Ltd	Solar	22.89	21.24	-1.65	-7.21
Clean Solar Power (Jodhpur) Pvt Ltd	Solar	45.50	42.57	-2.93	-6.44
Clean Solar Power (Bhadla) Pvt Ltd	Solar	55.31	51.08	-4.23	-7.65
Eden Renewable Cite Private Limited	Solar	51.66	50.12	-1.54	-2.98
GRIAN ENERGY	Solar	22.06	17.81	-4.25	-19.27
M/S Adani Solar Energy Jodhpur Two Ltd	Solar	10.14	8.67	-1.47	-14.50
MEGA SOILS RENEWABLE PRIVATE LIMITED	Solar	42.73	41.22	-1.51	-3.53
Mega Surya Urja Pvt. Ltd	Solar	43.59	40.16	-3.43	-7.87
M/S. ONEVOLT Energy Private Limited	Solar	21.97	17.26	-4.71	-21.44
Nindan Solar Fatehgar	Solar	50.60	49.77	-0.83	-1.64

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of August 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Solar	50.26	46.78	-3.48	-6.92
Renew Solar Power Pvt Ltd	Solar	9.37	8.67	-0.70	-7.47
Renew Solar Power Pvt Ltd. Bikaner	Solar	44.68	41.92	-2.76	-6.18
Renew Solar Urja Pvt Ltd	Solar	48.43	45.45	-2.98	-6.15
Renew Sun Bright Pvt Ltd	Solar	49.79	46.18	-3.61	-7.25
Renew Sun Waves Private Limited	Solar	48.53	44.99	-3.54	-7.29
Renew Surya Pratap	Solar	36.64	31.90	-4.74	-12.94
Renew Surya Ravi Pvt Ltd	Solar	50.48	48.66	-1.82	-3.61
Rising Sun Energy	Solar	34.17	31.46	-2.71	-7.93
SERENTICA Renewables	Solar	34.09	33.43	-0.66	-1.94
Renew Surya Roshni	Solar	59.96	57.54	-2.42	-4.04
Renew Surya Vihaan	Solar	15.42	14.84	-0.58	-3.76
Renew Surya Ayaan	Solar	47.87	44.95	-2.92	-6.10
Tata Power Green Energy Limited	Solar	38.72	35.90	-2.82	-7.28
Tata Power Renewable Energy Ltd	Solar	51.34	47.98	-3.36	-6.54
TESEPL	Solar	10.61	9.62	-0.99	-9.33
Tata Power Saurya 1	Solar	18.71	17.12	-1.59	-8.50
TPSL Banderwala	Solar	38.66	33.60	-5.06	-13.09
TPSL BKN2 INF	Solar	18.63	16.55	-2.08	-11.16
Thar Surya1 Private Limited	Solar	54.42	51.17	-3.25	-5.97
Transition Energy	Solar	20.95	16.14	-4.81	-22.96
Transition Green Energy	Solar	22.51	19.34	-3.17	-14.08
Western Region					
Beempow Energy	Solar	49.67	46.67	-3.00	-6.04
Arinsun Solar (Barsaitadesh)	Solar	32.20	28.35	-3.85	-11.96
Mahindra Solar (Badwar)	Solar	30.81	28.20	-2.61	-8.47
AVAADA_AGAR_RUM	Solar	30.27	27.78	-2.49	-8.23
Athena_RUM	Solar	31.85	29.49	-2.36	-7.41
Masaya BWSPRA_KNDW	Solar	37.06	34.46	-2.60	-7.02
Sherisha Raipur	Solar	5.71	5.03	-0.68	-11.91

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of August 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Solapur Solar	Solar	1.37	1.38	0.01	0.73
AREH4L_PSS1	Solar	182.04	169.48	-12.56	-6.90
Electro Solaire Private Limited (ESPL RSP Solar)	Solar	32.52	32.52	0.00	0.00
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Solar	16.88	16.50	-0.38	-2.25
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Solar	17.17	17.00	-0.17	-0.99
Powerica Wind	Solar	18.57	18.33	-0.24	-1.29
NTPC Kawas	Solar	7.74	6.46	-1.28	-16.54
Gandhar_Solar	Solar	2.22	1.95	-0.27	-12.16
GSECL RSP	Solar	3.05	4.51	1.46	47.87
RPL_SECI-III	Solar	73.15	69.97	-3.18	-4.35
AGE25BL_PSS2_KPS1_SI	Solar	121.04	111.88	-9.16	-7.57
AGE24AL	Solar	108.74	110.07	1.33	1.22
Alfanar	Wind	97.15	94.44	-2.71	-2.79
AWEK1L WIND (RATADIYA)	Wind	177.21	162.38	-14.83	-8.37
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Wind	118.94	117.36	-1.58	-1.33
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Wind	96.94	91.07	-5.87	-6.06
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Wind	81.59	78.68	-2.91	-3.57
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Wind	87.12	84.28	-2.84	-3.26
GSECL_PH2	Wind	12.29	11.05	-1.24	-10.09
Ostro Kutch Wind Private Limited (OKWPL)	Wind	100.65	96.15	-4.50	-4.47
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Wind	95.73	91.66	-4.07	-4.25
Avikiran Solar India Private Limited (ASIPL), Baranda	Wind	61.90	60.04	-1.86	-3.00
Apraava Khkrda Jam	Wind	92.39	90.40	-1.99	-2.15
Netra Kotda	Wind	53.23	51.42	-1.81	-3.40
Torrent Sidpur Jam	Wind	43.45	42.38	-1.07	-2.46
SITAC	Wind	102.17	104.34	2.17	2.12
SRIJAN	Wind	47.21	46.10	-1.11	-2.35

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of August 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
NVWEPL_DAYAPAR_BHJ_W	Wind	101.51	95.03	-6.48	-6.38
SGEL RSP	Wind	12.92	12.31	-0.61	-4.72
TPSOURY KWAI	Wind	41.82	43.30	1.48	3.54
Southern Region					
Beetam(Tuticorin)	Wind	60.43	52.94	-7.49	-12.39
GRTJIPL	Solar	26.72	26.88	0.16	0.60
Mytra	Wind	63.23	53.51	-9.72	-15.37
Orange	Wind	48.56	42.01	-6.55	-13.49
Green Infra	Wind	64.57	54.53	-10.04	-15.55
Hiriyur Ostro	Wind	92.39	85.04	-7.35	-7.96
Sprng Renewable Energy Pvt Ltd(Pugalur)	Wind	86.30	55.31	-30.99	-35.91
JSW Renew Energy Two Limited (Tuticorin)	Wind	72.08	60.80	-11.28	-15.65
ARPSPL_KOPPAL	Wind	90.08	80.02	-10.06	-11.17
JSW Savlaperi	Wind	54.76	51.45	-3.31	-6.04
Ettayapuram NTPC	Solar	46.83	43.28	-3.55	-7.58
RSOPL KOPPAL	Wind	90.14	79.94	-10.20	-11.32
RSOPL KOPPAL infirm	Wind	7.49	5.76	-1.73	-23.10
RSRPL KOPPAL	Wind	85.78	79.53	-6.25	-7.29
Serentica_koppal	Wind	18.69	18.91	0.22	1.18
Serentica_koppal_INFIRM	Wind	4.25	3.08	-1.17	-27.53
Ramagundam Floating Solar	Solar	14.7	13.98	-0.72	-4.90
Simhadri Floating Solar	Solar	3.6	3.11	-0.49	-13.61

Source:- Deviation data for ISGS Projects is prepared from block wise data received from RPCs.

Table 5:-Fossil and Non-Fossil Generation for the Month of August 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of August 2024								
State/UT	Fossil =((1)+(2))		Non Fossil =((3)+(4)+(5))			Total Non-Fossil (6)=((3)+((4)+(5)))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	1.27	1.27	1.27	100.00
Delhi	0.00	374.65	0.00	0.00	63.29	63.29	437.94	14.45
Haryana	2782.90	0.00	0.00	0.00	175.86	175.86	2958.76	5.94
HP	0.00	0.00	0.00	6073.63	418.26	6491.89	6491.89	100.00
J & K	0.00	0.00	0.00	2100.58	50.44	2151.02	2151.02	100.00
Ladakh	0.00	0.00	0.00	64.79	0.00	64.79	64.79	100.00
Punjab	2769.02	0.00	0.00	437.77	256.47	694.24	3463.26	20.05
Rajasthan	4745.29	60.21	762.33	42.21	4168.90	4973.44	9778.94	50.86
Uttar Pradesh	13442.24	97.53	310.19	148.61	416.18	874.98	14414.75	6.07
Uttarakhand	0.00	18.10	0.00	2239.74	77.81	2317.55	2335.65	99.23
Northern Region Total	23739.45	550.49	1072.52	11107.33	5628.48	17808.33	42098.27	42.30
WESTERN REGION								
Chhattisgarh	12157.15	0.00	0.00	39.35	264.84	304.19	12461.34	2.44
Gujarat	6152.21	622.53	1308.86	1065.37	4409.35	6783.58	13558.32	50.03
Madhya Pradesh	10288.01	0.00	0.00	1381.20	1026.75	2407.95	12695.96	18.97
Maharashtra	9787.41	498.09	762.51	577.40	1758.60	3098.51	13384.01	23.15
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.11	2.11	2.11	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	38384.78	1120.62	2071.37	3063.32	7467.08	12601.77	52107.17	24.18
SOUTHERN REGION								
Andhra Pradesh	5490.16	0.00	0.00	603.02	1725.56	2328.58	7818.74	29.78

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of August 2024

State/UT	Fossil =((1)+(2))		Non Fossil =((3)+(4)+(5))			Total Non-Fossil (6)=((3)+((4)+(5)))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Telangana	4066.22	0.00	0.00	1271.31	580.73	1852.04	5918.26	31.29
Karnataka	3053.79	0.00	671.44	1647.23	3120.49	5439.16	8492.95	64.04
Kerala	0.00	0.00	0.00	872.87	256.42	1129.29	1129.29	100.00
Tamil Nadu	5896.59	144.55	1676.74	608.53	3504.08	5789.35	11830.49	48.94
Lakshadweep	5.17	0.00	0.00	0.00	0.01	0.01	5.18	0.15
Puducherry	0.00	18.21	0.00	0.00	1.02	1.02	19.23	5.30
Southern Region Total	18511.93	162.76	2348.18	5002.96	9188.31	16539.45	35214.14	46.97
EASTERN REGION								
Andaman Nicobar	29.85	0.00	0.00	0.00	3.65	3.65	33.50	10.89
Bihar	4703.03	0.00	0.00	0.00	32.74	32.74	4735.77	0.69
Jharkhand	3178.11	0.00	0.00	46.95	2.32	49.27	3227.38	1.53
Odisha	5412.46	0.00	0.00	709.04	130.81	839.85	6252.31	13.43
Sikkim	0.00	0.00	0.00	340.80	1.03	341.83	341.83	100.00
West Bengal	7309.63	0.00	0.00	333.66	161.35	495.01	7804.64	6.34
Eastern Region Total	20633.08	0.00	0.00	1430.45	331.90	1762.35	22395.43	7.87
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	516.74	0.13	516.87	516.87	100.00
Assam	411.27	261.35	0.00	119.10	50.27	169.37	841.99	20.12
Manipur	0.00	0.00	0.00	77.66	0.70	78.37	78.37	100.00
Meghalaya	0.00	0.00	0.00	152.86	17.47	170.33	170.33	100.00
Mizoram	0.00	0.00	0.00	41.33	5.12	46.45	46.45	100.00
Nagaland	0.00	0.00	0.00	54.15	15.37	69.52	69.52	100.00
Tripura	0.00	423.51	0.00	0.00	0.40	0.40	423.91	0.10
North Eastern Region Total	411.27	684.86	0.00	961.84	89.46	1051.30	2147.43	48.96
All India Total	101680.51	2518.73	5492.07	21565.90	22705.24	49763.21	153962.45	32.32

Table 6:-Fossil and Non-Fossil Generation for the period of April 2024- August 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – August 2024								
State/UT	Fossil		Non Fossil			Total Non-Fossil (6)=((3)+(4)+(5))	Grand Total (7)=((1)+(2)+(3) + (4)+(5)	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	4.89	4.89	4.89	100.00
Delhi	0.00	2654.27	0.00	0.00	322.11	322.11	2976.38	10.82
Haryana	14021.52	215.37	0.00	0.00	879.30	879.30	15116.19	5.82
HP	0.00	0.00	0.00	24850.06	1646.23	26496.29	26496.29	100.00
J & K	0.00	0.00	0.00	9965.93	260.68	10226.61	10226.61	100.00
Ladakh	0.00	0.00	0.00	244.38	0.00	244.38	244.38	100.00
Punjab	15637.82	0.00	0.00	2129.17	1400.77	3529.94	19167.76	18.42
Rajasthan	27149.93	505.21	3109.69	86.22	24201.18	27397.09	55052.23	49.77
Uttar Pradesh	71854.56	960.85	1534.26	327.45	2480.65	4342.36	77157.77	5.63
Uttarakhand	0.00	836.59	0.00	7560.78	389.05	7949.83	8786.42	90.48
Northern Region Total	128663.83	5172.29	4643.95	45163.99	31584.86	81392.80	215228.92	37.82
WESTERN REGION								
Chhattisgarh	69806.97	0.00	0.00	114.29	1246.79	1361.08	71168.05	1.91
Gujarat	38245.50	6289.18	5105.43	2253.92	21087.21	28446.56	72981.24	38.98
Madhya Pradesh	61021.85	0.00	0.00	3187.09	5191.90	8378.99	69400.84	12.07
Maharashtra	55404.85	2812.01	3926.80	2560.69	8415.61	14903.10	73119.96	20.38
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	11.18	11.18	11.18	100.00
Goa	0.00	0.00	0.00	0.00	27.19	27.19	27.19	100.00
Western Region Total	224479.17	9101.19	9032.23	8115.99	35979.88	53128.10	286708.46	18.53
SOUTHERN REGION								
Andhra Pradesh	30476.70	30.97	0.00	1166.82	7772.11	8938.93	39446.60	22.66
Telangana	23594.24	0.00	0.00	1516.17	3110.07	4626.24	28220.48	16.39
Karnataka	18738.49	0.00	3285.09	4494.19	14801.37	22580.65	41319.14	54.65
Kerala	1.53	0.00	0.00	3375.68	1171.68	4547.36	4548.89	99.97

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – August 2024								
State/UT	Fossil		Non Fossil			Total Non-Fossil (6)=((3)+(4)+(5))	Grand Total (7)=((1)+(2)+(3) + (4)+(5))	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Tamil Nadu	32145.42	738.25	6438.91	1578.24	16546.62	24563.77	57447.44	42.76
Lakshadweep	28.63	0.00	0.00	0.00	0.04	0.04	28.67	0.13
Puducherry	0.00	88.17	0.00	0.00	5.10	5.10	93.27	5.47
Southern Region Total	104985.01	857.39	9724.00	12131.10	43406.99	65262.09	171104.49	38.14
EASTERN REGION								
Andaman Nicobar	157.26	0.00	0.00	0.00	16.15	16.15	173.41	9.32
Bihar	25705.62	0.00	0.00	0.00	144.55	144.55	25850.17	0.56
Jharkhand	17135.97	0.00	0.00	86.50	8.20	94.70	17230.67	0.55
Odisha	27203.49	0.00	0.00	2397.78	540.17	2937.95	30141.44	9.75
Sikkim	0.00	0.00	0.00	1080.83	5.15	1085.98	1085.98	100.00
West Bengal	38881.86	0.00	0.00	1208.19	787.04	1995.23	40877.09	4.88
Eastern Region Total	109084.20	0.00	0.00	4773.30	1501.26	6274.56	115358.76	5.44
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	2209.99	0.63	2210.62	2210.62	100.00
Assam	2131.71	1431.95	0.00	508.73	243.18	751.91	4315.57	17.42
Manipur	0.00	0.00	0.00	274.79	3.56	278.35	278.35	100.00
Meghalaya	0.00	0.00	0.00	583.23	64.32	647.55	647.55	100.00
Mizoram	0.00	0.00	0.00	111.92	38.51	150.43	150.43	100.00
Nagaland	0.00	0.00	0.00	134.02	36.81	170.83	170.83	100.00
Tripura	0.00	2115.99	0.00	0.00	2.39	2.39	2118.38	0.11
North Eastern Region Total	2131.71	3547.94	0.00	3822.68	389.40	4212.08	9891.73	42.58
All India Total	569343.92	18678.81	23400.18	74007.06	112862.39	210269.63	798292.36	26.34

Table 7:- Renewable Energy as % of Total Electricity Generated

Renewable Energy (State Wise) Generation(MU) for the Month of August 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	1.27	1.27	1.27	100.00
Delhi	0.00	374.65	0.00	0.00	63.29	63.29	437.94	14.45
Haryana	2782.90	0.00	0.00	0.00	175.86	175.86	2958.76	5.94
HP	0.00	0.00	0.00	6073.63	418.26	6491.89	6491.89	100.00
J & K	0.00	0.00	0.00	2100.58	50.44	2151.02	2151.02	100.00
Ladakh	0.00	0.00	0.00	64.79	0.00	64.79	64.79	100.00
Punjab	2769.02	0.00	0.00	437.77	256.47	694.24	3463.26	20.05
Rajasthan	4745.29	60.21	762.33	42.21	4168.90	4211.11	9778.94	43.06
Uttar Pradesh	13442.24	97.53	310.19	148.61	416.18	564.79	14414.75	3.92
Uttarakhand	0.00	18.10	0.00	2239.74	77.81	2317.55	2335.65	99.23
Northern Region Total	23739.45	550.49	1072.52	11107.33	5628.48	16735.81	42098.27	39.75
WESTERN REGION								
Chhattisgarh	12157.15	0.00	0.00	39.35	264.84	304.19	12461.34	2.44
Gujarat	6152.21	622.53	1308.86	1065.37	4409.35	5474.72	13558.32	40.38
Madhya Pradesh	10288.01	0.00	0.00	1381.20	1026.75	2407.95	12695.96	18.97
Maharashtra	9787.41	498.09	762.51	577.40	1758.60	2336.00	13384.01	17.45
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.11	2.11	2.11	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	38384.78	1120.62	2071.37	3063.32	7467.08	10530.40	52107.17	20.21
SOUTHERN REGION								
Andhra Pradesh	5490.16	0.00	0.00	603.02	1725.56	2328.58	7818.74	29.78
Telangana	4066.22	0.00	0.00	1271.31	580.73	1852.04	5918.26	31.29
Karnataka	3053.79	0.00	671.44	1647.23	3120.49	4767.72	8492.95	56.14

Renewable Energy (State Wise) Generation(MU) for the Month of August 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Kerala	0.00	0.00	0.00	872.87	256.42	1129.29	1129.29	100.00
Tamil Nadu	5896.59	144.55	1676.74	608.53	3504.08	4112.61	11830.49	34.76
Lakshadweep	5.17	0.00	0.00	0.00	0.01	0.01	5.18	0.15
Puducherry	0.00	18.21	0.00	0.00	1.02	1.02	19.23	5.30
Southern Region Total	18511.93	162.76	2348.18	5002.96	9188.31	14191.27	35214.14	40.30
EASTERN REGION								
Andaman Nicobar	29.85	0.00	0.00	0.00	3.65	3.65	33.50	10.89
Bihar	4703.03	0.00	0.00	0.00	32.74	32.74	4735.77	0.69
Jharkhand	3178.11	0.00	0.00	46.95	2.32	49.27	3227.38	1.53
Odisha	5412.46	0.00	0.00	709.04	130.81	839.85	6252.31	13.43
Sikkim	0.00	0.00	0.00	340.80	1.03	341.83	341.83	100.00
West Bengal	7309.63	0.00	0.00	333.66	161.35	495.01	7804.64	6.34
Eastern Region Total	20633.08	0.00	0.00	1430.45	331.90	1762.35	22395.43	7.87
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	516.74	0.13	516.87	516.87	100.00
Assam	411.27	261.35	0.00	119.10	50.27	169.37	841.99	20.12
Manipur	0.00	0.00	0.00	77.66	0.70	78.37	78.37	100.00
Meghalaya	0.00	0.00	0.00	152.86	17.47	170.33	170.33	100.00
Mizoram	0.00	0.00	0.00	41.33	5.12	46.45	46.45	100.00
Nagaland	0.00	0.00	0.00	54.15	15.37	69.52	69.52	100.00
Tripura	0.00	423.51	0.00	0.00	0.40	0.40	423.91	0.10
North Eastern Region Total	411.27	684.86	0.00	961.84	89.46	1051.30	2147.43	48.96
All India Total	101680.51	2518.73	5492.07	21565.90	22705.24	44271.14	153962.45	28.75

Table 8:- Cumulative Renewable Energy as % of Total Electricity Generated

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- August 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	4.89	4.89	4.89	100.00
Delhi	0.00	2654.27	0.00	0.00	322.11	322.11	2976.38	10.82
Haryana	14021.52	215.37	0.00	0.00	879.30	879.30	15116.19	5.82
HP	0.00	0.00	0.00	24850.06	1646.23	26496.29	26496.29	100.00
J & K	0.00	0.00	0.00	9965.93	260.68	10226.61	10226.61	100.00
Ladakh	0.00	0.00	0.00	244.38	0.00	244.38	244.38	100.00
Punjab	15637.82	0.00	0.00	2129.17	1400.77	3529.94	19167.76	18.42
Rajasthan	27149.93	505.21	3109.69	86.22	24201.18	24287.40	55052.23	44.12
Uttar Pradesh	71854.56	960.85	1534.26	327.45	2480.65	2808.10	77157.77	3.64
Uttarakhand	0.00	836.59	0.00	7560.78	389.05	7949.83	8786.42	90.48
Northern Region Total	128663.83	5172.29	4643.95	45163.99	31584.86	76748.85	215228.92	35.66
WESTERN REGION								
Chhattisgarh	69806.97	0.00	0.00	114.29	1246.79	1361.08	71168.05	1.91
Gujarat	38245.50	6289.18	5105.43	2253.92	21087.21	23341.13	72981.24	31.98
Madhya Pradesh	61021.85	0.00	0.00	3187.09	5191.90	8378.99	69400.84	12.07
Maharashtra	55404.85	2812.01	3926.80	2560.69	8415.61	10976.30	73119.96	15.01
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	11.18	11.18	11.18	100.00
Goa	0.00	0.00	0.00	0.00	27.19	27.19	27.19	100.00
Western Region Total	224479.17	9101.19	9032.23	8115.99	35979.88	44095.87	286708.46	15.38
SOUTHERN REGION								
Andhra Pradesh	30476.70	30.97	0.00	1166.82	7772.11	8938.93	39446.60	22.66
Telangana	23594.24	0.00	0.00	1516.17	3110.07	4626.24	28220.48	16.39
Karnataka	18738.49	0.00	3285.09	4494.19	14801.37	19295.56	41319.14	46.70

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- August 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Kerala	1.53	0.00	0.00	3375.68	1171.68	4547.36	4548.89	99.97
Tamil Nadu	32145.42	738.25	6438.91	1578.24	16546.62	18124.86	57447.44	31.55
Lakshadweep	28.63	0.00	0.00	0.00	0.04	0.04	28.67	0.13
Puducherry	0.00	88.17	0.00	0.00	5.10	5.10	93.27	5.47
Southern Region Total	104985.01	857.39	9724.00	12131.10	43406.99	55538.09	171104.49	32.46
EASTERN REGION								
Andaman Nicobar	157.26	0.00	0.00	0.00	16.15	16.15	173.41	9.32
Bihar	25705.62	0.00	0.00	0.00	144.55	144.55	25850.17	0.56
Jharkhand	17135.97	0.00	0.00	86.50	8.20	94.70	17230.67	0.55
Odisha	27203.49	0.00	0.00	2397.78	540.17	2937.95	30141.44	9.75
Sikkim	0.00	0.00	0.00	1080.83	5.15	1085.98	1085.98	100.00
West Bengal	38881.86	0.00	0.00	1208.19	787.04	1995.23	40877.09	4.88
Eastern Region Total	109084.20	0.00	0.00	4773.30	1501.26	6274.56	115358.76	5.44
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	2209.99	0.63	2210.62	2210.62	100.00
Assam	2131.71	1431.95	0.00	508.73	243.18	751.91	4315.57	17.42
Manipur	0.00	0.00	0.00	274.79	3.56	278.35	278.35	100.00
Meghalaya	0.00	0.00	0.00	583.23	64.32	647.55	647.55	100.00
Mizoram	0.00	0.00	0.00	111.92	38.51	150.43	150.43	100.00
Nagaland	0.00	0.00	0.00	134.02	36.81	170.83	170.83	100.00
Tripura	0.00	2115.99	0.00	0.00	2.39	2.39	2118.38	0.11
North Eastern Region Total	2131.71	3547.94	0.00	3822.68	389.40	4212.08	9891.73	42.58
All India Total	569343.92	18678.81	23400.18	74007.06	112862.39	186869.45	798292.36	23.41

Table 9: Monthly Source wise RE generation August-2024 and August-2023

RE generation(MUs) data (source wise) for the month of August-2024 and August-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23
NORTHERN REGION														
Chandigarh	0.00	0.00	1.27	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	17.21	17.21	0.00	0.00	0.00	0.00	0.00	0.00	46.08	38.33	0.00	0.00
Haryana	0.00	0.00	118.98	60.08	28.83	28.39	8.92	0.00	13.72	22.91	5.41	4.96	0.00	0.00
Himachal Pradesh	0.00	0.00	7.22	3.80	0.00	0.00	0.00	0.00	411.04	358.60	0.00	0.00	6073.63	6512.44
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.44	31.82	0.00	0.00	2100.58	2237.67
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.79	66.89
Punjab	0.00	0.00	120.12	323.14	51.60	47.40	0.00	0.07	84.75	86.77	0.00	0.00	437.77	649.95
Rajasthan	845.16	1461.50	3290.37	3063.64	33.26	29.97	0.00	0.00	0.11	0.10	0.00	0.00	42.21	109.32
Uttar Pradesh	0.00	0.00	376.64	304.35	3.26	3.00	4.71	10.19	28.13	15.99	3.44	6.92	148.61	121.71
Uttarakhand	0.00	0.00	27.65	27.65	0.00	0.00	20.71	20.71	29.45	29.45	0.00	0.00	2239.74	2472.35
Northern Region	845.16	1461.50	3959.46	3801.11	116.96	108.76	34.34	30.97	617.65	545.64	54.93	50.21	11107.33	12170.33
WESTERN REGION														
Chhattisgarh	0.00	0.00	98.30	58.49	134.16	97.55	0.00	0.00	32.38	32.62	0.00	0.00	39.35	69.32
Gujarat	3157.93	3804.74	1235.26	924.51	2.49	0.00	0.00	0.00	13.68	17.99	0.00	0.00	1065.37	1004.62
Madhya Pradesh	549.80	695.22	417.89	252.16	1.26	4.23	0.00	0.00	54.79	52.73	3.00	1.12	1381.20	1329.34
Maharashtra	1062.12	1306.79	553.76	424.18	22.73	20.90	1.54	2.04	111.49	73.83	6.96	0.00	577.40	654.86
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.94	1.06	1.17	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	4.76	6.29	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.70	0.00	0.00

RE generation(MUs) data (source wise) for the month of August-2024 and August-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23
Western Region	4769.84	5806.75	2310.91	1666.70	161.81	123.82	1.54	2.04	212.34	177.16	10.64	1.82	3063.32	3058.14
SOUTHERN REGION														
Andhra Pradesh	1057.59	1133.14	614.75	696.33	1.67	0.92	2.16	1.63	21.64	12.61	27.75	27.64	603.02	142.72
Telangana	30.32	31.41	520.46	542.53	2.00	0.29	0.05	0.00	6.17	9.20	21.74	13.64	1271.31	316.41
Karnataka	1490.24	1436.09	1148.76	1290.57	1.23	5.32	66.48	46.80	413.80	281.08	0.00	0.00	1647.23	1385.58
Kerala	13.96	97.58	105.51	93.77	0.00	0.00	0.00	5.41	129.64	59.21	7.31	0.00	872.87	430.22
Tamil Nadu	2061.77	2427.66	1365.78	1129.24	10.08	11.26	27.61	55.28	38.85	23.77	0.00	0.00	608.53	435.50
Lakshadweep	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	1.02	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	4653.88	5125.88	3756.28	3753.47	14.97	17.79	96.30	109.11	610.09	385.87	56.79	41.28	5002.96	2710.43
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.77	1.86	0.00	0.00	0.00	0.00	1.88	1.13	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	28.48	13.34	0.00	0.00	0.00	0.23	4.26	1.75	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	1.47	1.47	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	46.95	14.58
Odisha	0.00	0.00	53.41	54.21	3.32	6.97	0.00	0.00	74.08	70.82	0.00	0.00	709.04	811.82
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	1.03	0.00	0.00	340.80	1794.35
West Bengal	0.00	0.00	15.50	8.61	0.00	0.00	0.00	0.00	19.00	22.19	126.85	121.20	333.66	371.05
Eastern Region	0.00	0.00	100.63	79.49	3.32	6.97	0.00	0.23	101.10	96.92	126.85	121.20	1430.45	2991.80

RE generation(MUs) data (source wise) for the month of August-2024 and August-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23	August'24	August'23
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.08	0.19	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.00	516.74	744.39
Assam	0.00	0.00	25.73	23.66	0.00	0.00	0.00	0.00	24.51	4.64	0.03	0.05	119.10	57.30
Manipur	0.00	0.00	0.71	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.66	34.28
Megh alaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.47	7.03	0.00	0.00	152.86	131.67
Mizoram	0.00	0.00	3.33	0.27	0.00	0.00	0.00	0.00	1.79	7.99	0.00	0.00	41.33	9.04
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.37	13.47	0.00	0.00	54.15	52.42
Tripura	0.00	0.00	0.40	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	30.25	25.03	0.00	0.00	0.00	0.00	59.19	33.19	0.03	0.05	961.84	1029.10
All India Total	10268.88	12394.14	10157.52	9325.80	297.05	257.34	132.17	142.35	1600.37	1238.78	249.24	214.57	21565.90	21959.80

Table 10: Cumulative Source wise RE generation April 2024-August 2024 and April 2023-August 2023

RE generation(MUs) data (source wise) for the period of April 2024 –August 2024 and April 2023 –August 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23
NORTHERN REGION														
Chandigarh	0.00	0.00	4.89	6.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	86.06	86.06	0.00	0.00	0.00	0.00	0.00	0.00	236.05	198.71	0.00	0.00
Haryana	0.00	0.00	594.90	294.52	144.15	133.71	44.60	51.24	68.60	81.45	27.05	25.14	0.00	0.00
Himachal Pradesh	0.00	0.00	37.23	25.51	0.00	0.00	0.00	0.00	1609.00	1502.93	0.00	0.00	24850.06	21984.33
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	260.68	259.59	0.00	0.00	9965.93	10229.78
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	244.38	217.69
Punjab	0.00	0.00	639.52	1642.26	269.22	238.84	126.94	44.04	365.09	311.17	0.00	0.00	2129.17	2318.04
Rajasthan	3892.78	4844.22	20145.33	16435.83	162.34	143.35	0.00	0.00	0.73	0.27	0.00	0.00	86.22	196.31
Uttar Pradesh	0.00	0.00	2110.02	1766.19	14.15	16.17	284.89	579.71	55.30	51.08	16.29	61.22	327.45	400.30
Uttarakhand	0.00	0.00	138.25	138.25	0.00	0.00	103.55	103.55	147.25	147.25	0.00	0.00	7560.78	7488.80
Northern Region	3892.78	4844.22	23756.19	20395.37	589.86	532.07	559.98	778.54	2506.65	2353.74	279.39	285.07	45163.99	42835.25
WESTERN REGION														
Chhattisgarh	0.00	0.00	598.19	292.43	594.22	592.06	3.35	4.55	51.03	59.40	0.00	0.00	114.29	130.22
Gujarat	13783.95	13623.32	7218.78	5187.12	8.71	0.00	0.00	0.00	75.77	76.60	0.00	0.00	2253.92	1828.87
Madhya Pradesh	2608.71	2783.16	2335.65	1502.26	17.05	37.43	37.35	9.93	167.88	176.40	25.27	10.28	3187.09	2895.16
Maharashtra	4860.11	5204.40	2702.24	2295.25	118.20	125.58	395.38	336.77	299.96	426.49	39.72	0.12	2560.69	2853.56
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	6.37	6.10	4.81	5.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	23.80	26.68	0.00	0.00	0.00	0.00	0.00	0.00	3.39	3.21	0.00	0.00

RE generation(MUs) data (source wise) for the period of April 2024 –August 2024 and April 2023 –August 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23
Western Region	21252.77	21610.88	12885.02	9309.85	742.99	760.26	436.08	351.26	594.64	738.89	68.38	13.61	8115.99	7707.81
SOUTHERN REGION														
Andhra Pradesh	4249.78	5122.10	3346.65	3487.22	6.55	10.21	8.46	10.87	27.79	64.13	132.88	129.15	1166.82	624.27
Telangana	159.17	162.88	2825.75	2869.52	5.39	2.20	0.05	11.43	14.61	17.42	105.09	59.14	1516.17	607.93
Karnataka	7435.31	6218.28	6151.39	6373.99	4.45	30.41	358.09	492.12	852.13	604.49	0.00	0.00	4494.19	4741.39
Kerala	65.07	156.16	655.52	457.56	0.00	0.00	20.53	33.58	415.43	290.70	15.13	0.02	3375.68	2538.51
Tamil Nadu	9962.80	10653.64	6282.56	4964.22	48.25	48.88	166.48	269.35	86.54	52.64	0.00	0.00	1578.24	1555.86
Lakshadweep	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	5.10	5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	21872.13	22313.05	19267.01	18157.65	64.64	91.70	553.62	817.35	1396.50	1029.38	253.10	188.30	12131.10	10067.96
EASTERN REGION														
Andaman Nicobar	0.00	0.00	10.42	11.00	0.00	0.00	0.00	0.00	5.73	3.14	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	135.21	80.04	0.00	0.00	1.65	36.15	7.68	2.88	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	7.35	7.35	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	86.50	37.55
Odisha	0.00	0.00	322.21	307.65	31.01	35.71	0.00	0.00	186.95	174.87	0.00	0.00	2397.78	2704.08
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.15	5.15	0.00	0.00	1080.83	6453.12
West Bengal	0.00	0.00	103.95	58.70	0.00	0.00	0.00	0.00	73.58	89.97	609.51	652.83	1208.19	1447.00
Eastern Region	0.00	0.00	579.14	464.74	31.01	35.71	1.65	36.15	279.95	276.01	609.51	652.83	4773.30	10641.75
NORTH-EASTERN REGION														

RE generation(MUs) data (source wise) for the period of April 2024 –August 2024 and April 2023 –August 2023

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23	Apr'24-Jul'24	Apr'23-Jul'23
Arunachal Pradesh	0.00	0.00	0.39	0.94	0.00	0.00	0.00	0.00	0.24	0.30	0.00	0.00	2209.99	2386.94
Assam	0.00	0.00	128.12	128.20	0.00	0.00	0.00	0.00	114.88	34.36	0.18	0.13	508.73	154.20
Manipur	0.00	0.00	3.56	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	274.79	63.40
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.32	25.47	0.00	0.00	583.23	423.59
Mizoram	0.00	0.00	4.75	1.33	0.00	0.00	0.00	0.00	33.76	39.97	0.00	0.00	111.92	32.23
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.81	38.51	0.00	0.00	134.02	93.05
Tripura	0.00	0.00	2.39	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	139.20	135.99	0.00	0.00	0.00	0.00	250.02	138.62	0.18	1.36	3822.68	3153.41
All India Total	47017.68	48768.16	56626.57	48463.60	1428.50	1419.74	1551.33	1983.30	5027.76	4536.64	1210.56	1141.18	74007.06	74406.18



This report is published by
Renewable Project Monitoring Division
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