



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

July-2024/ जुलाई -2024

नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

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Highlights of RE GENERATION

1. RE capacity addition during July 2024 has been 2191.72 MW (Solar – 1733.66 MW, Wind – 419.06 MW, Small Hydro- 31.50 MW, Others- 7.50 MW).
2. All India RE generation during July 2024 has increased by 14.15 % as compared to July 2023.
3. Large Hydro Power generation during July 2024 as compared to July 2023 has decreased by 2.02 %.
4. Solar Power generation during July 2024 as compared to July 2023 has increased by 22.77 % on All India Basis except Karnataka.
5. Wind Power generation during July 2024 as compared to July 2023 has increased by 9.46 % on All India Basis except Andhra Pradesh.
6. Biomass Power generation during July 2024 as compared to July 2023 has increased by 8.59 % on All India Basis except Madhya Pradesh, Karnataka.
7. Bagasse power generation during July 2024 as compared to July 2023 has increased by 9.64%.
8. Others (Waste to Energy) Power generation has increased by 5.52 % during July 2024 as compared to July 2023 on All India basis except Uttar Pradesh.
9. Small Hydro Power generation during July 2024 as compared to July 2023 has increased by 5.92 % on All India Basis except Haryana, Madhya Pradesh, and Andhra Pradesh.
10. The generation from ISGS stations (Solar and Wind plants) for the month of July 2024 is 6893.40 MUs which is 15.84 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of July 2024 is 746.05 MUs which is 1.71 % of the Monthly RE generation during the month.

All India RE Capacity Addition

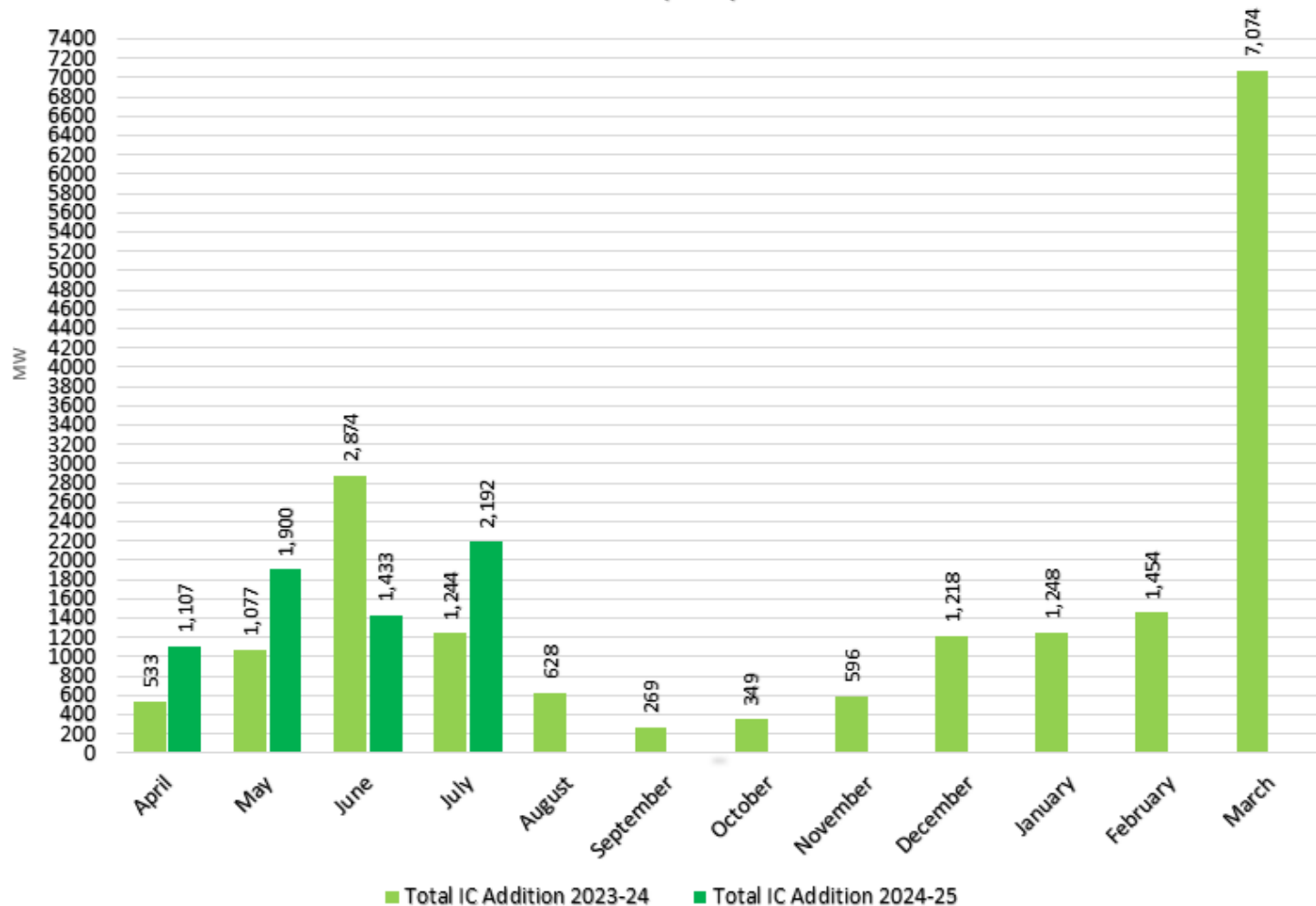


Figure 1: All India Month wise RE Capacity Addition

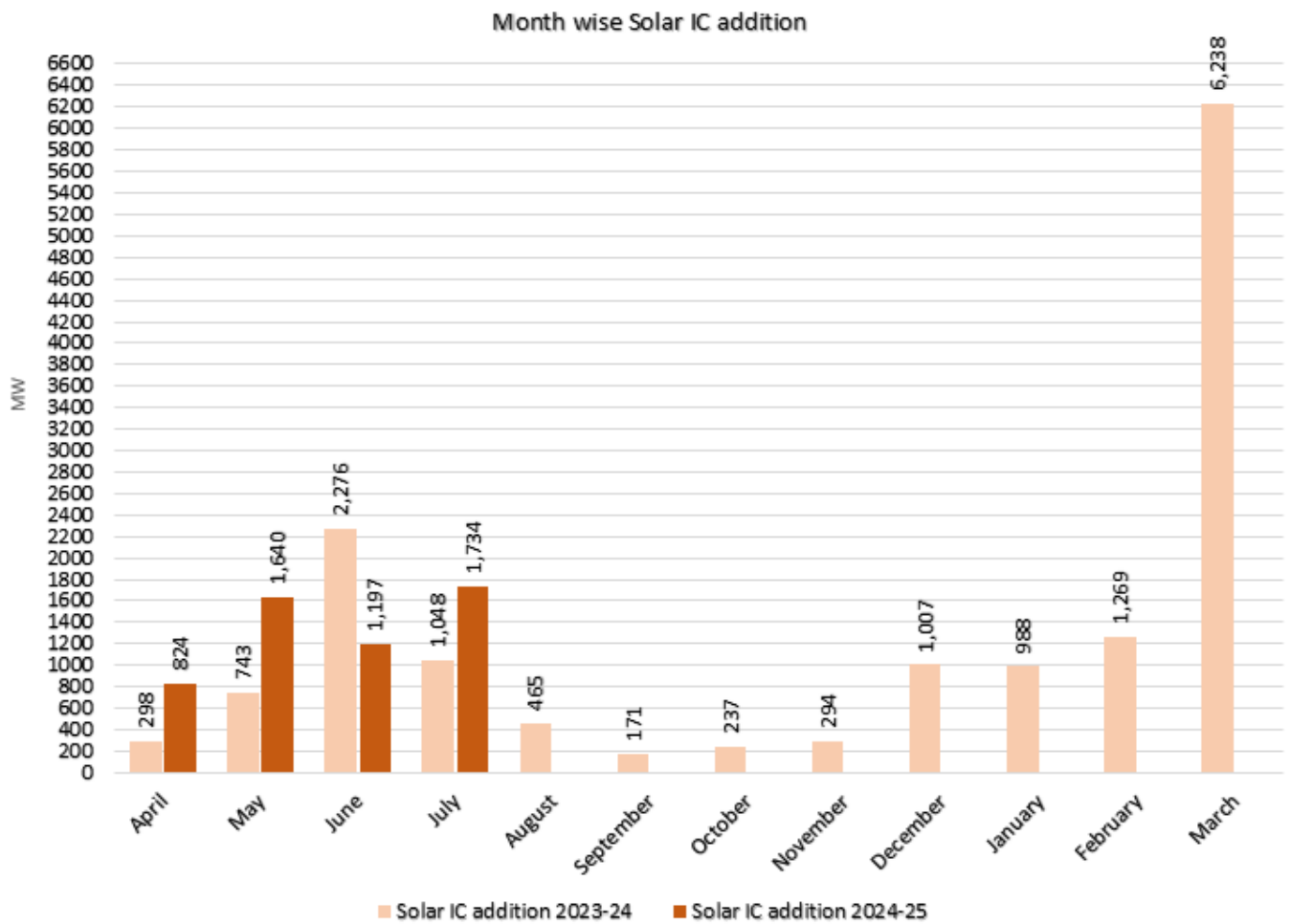


Figure 2: All India Month wise Solar Capacity Addition

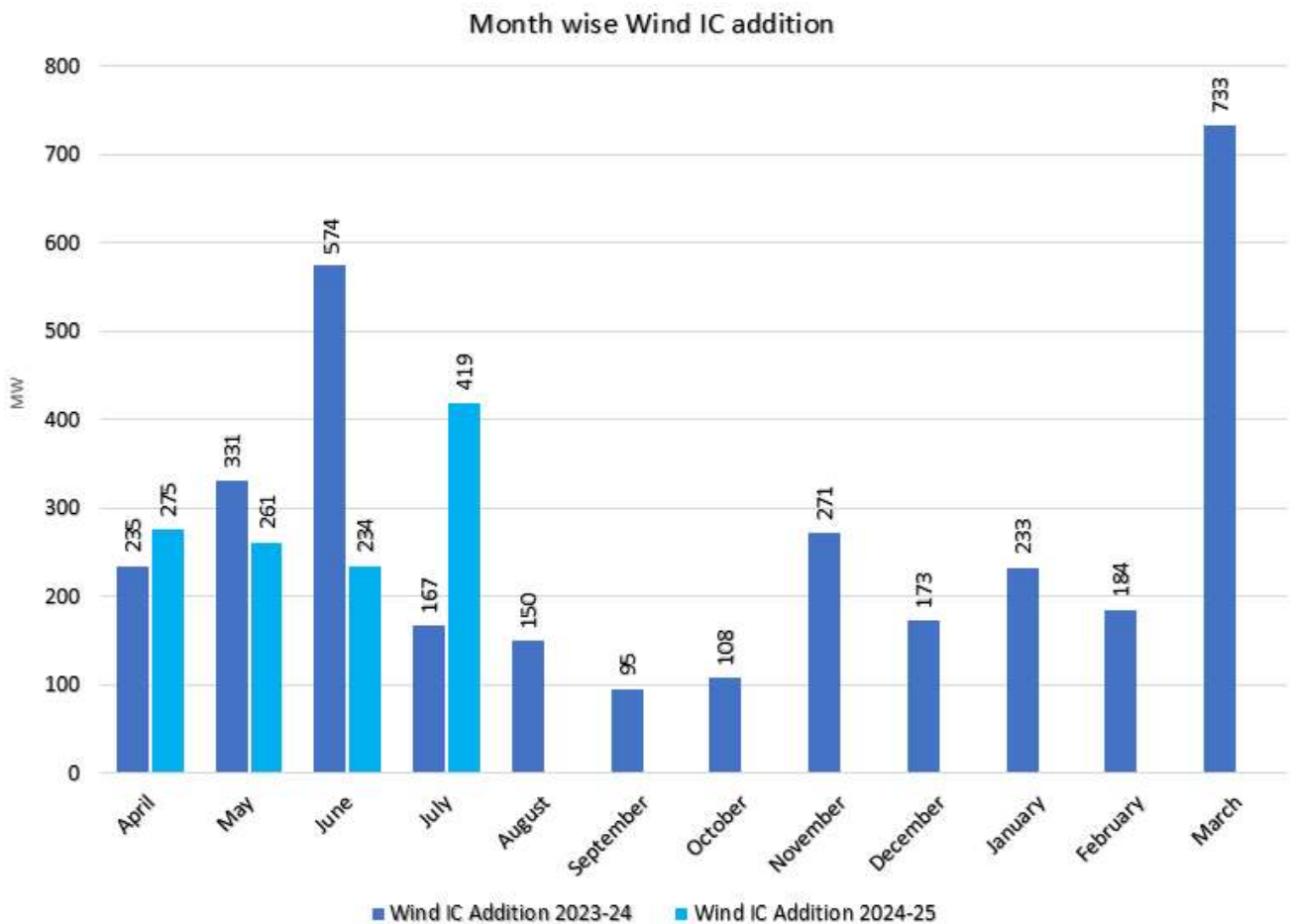


Figure 3: All India Month wise Wind Capacity Addition

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

Increased by 76.23 % as compared to July 23.

Increased by 52.96 % as compared to June 24.

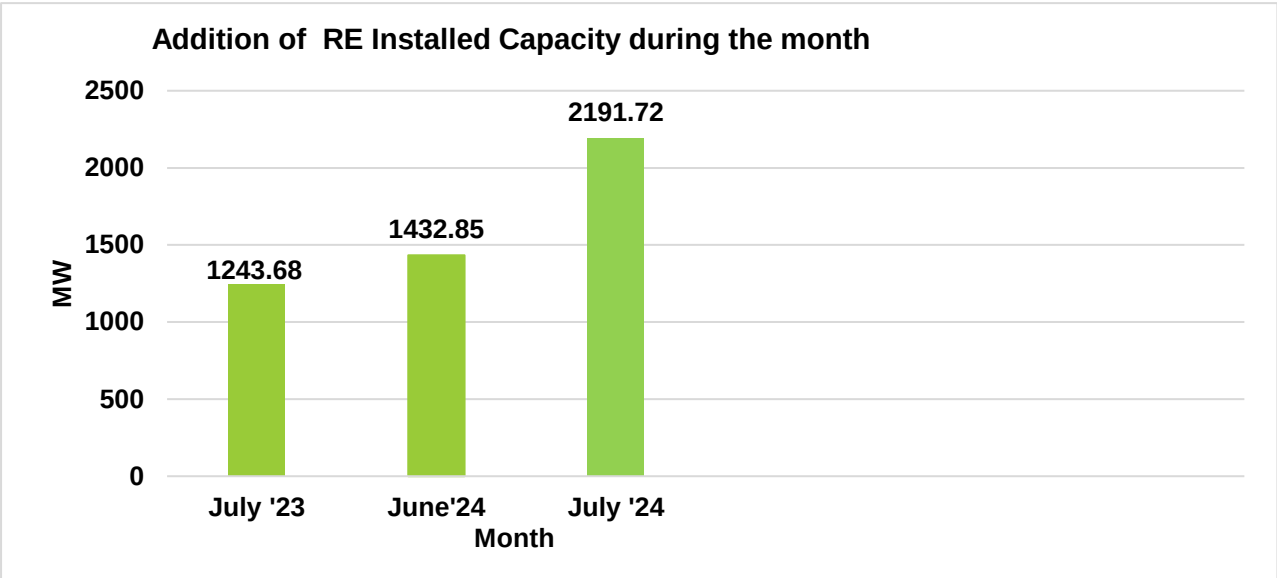


Figure 4: RE capacity added during the Month

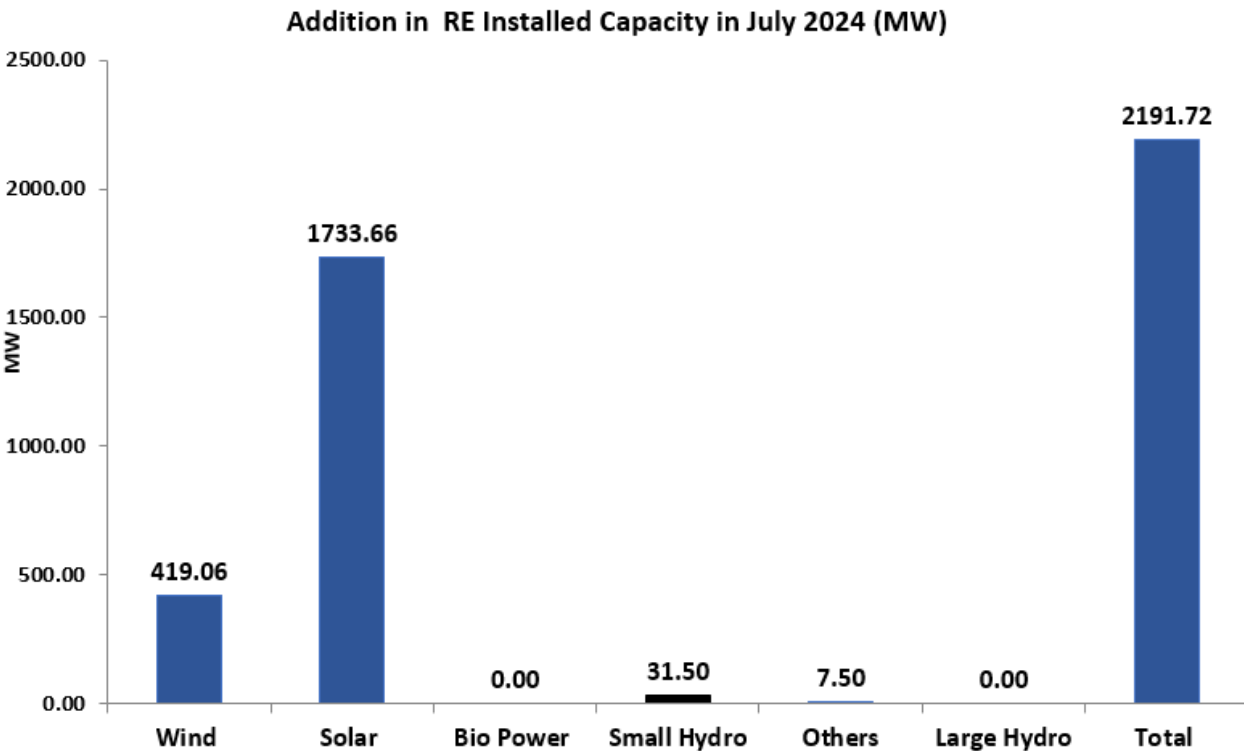


Figure 5: Source wise addition in RE Installed Capacity in July 24

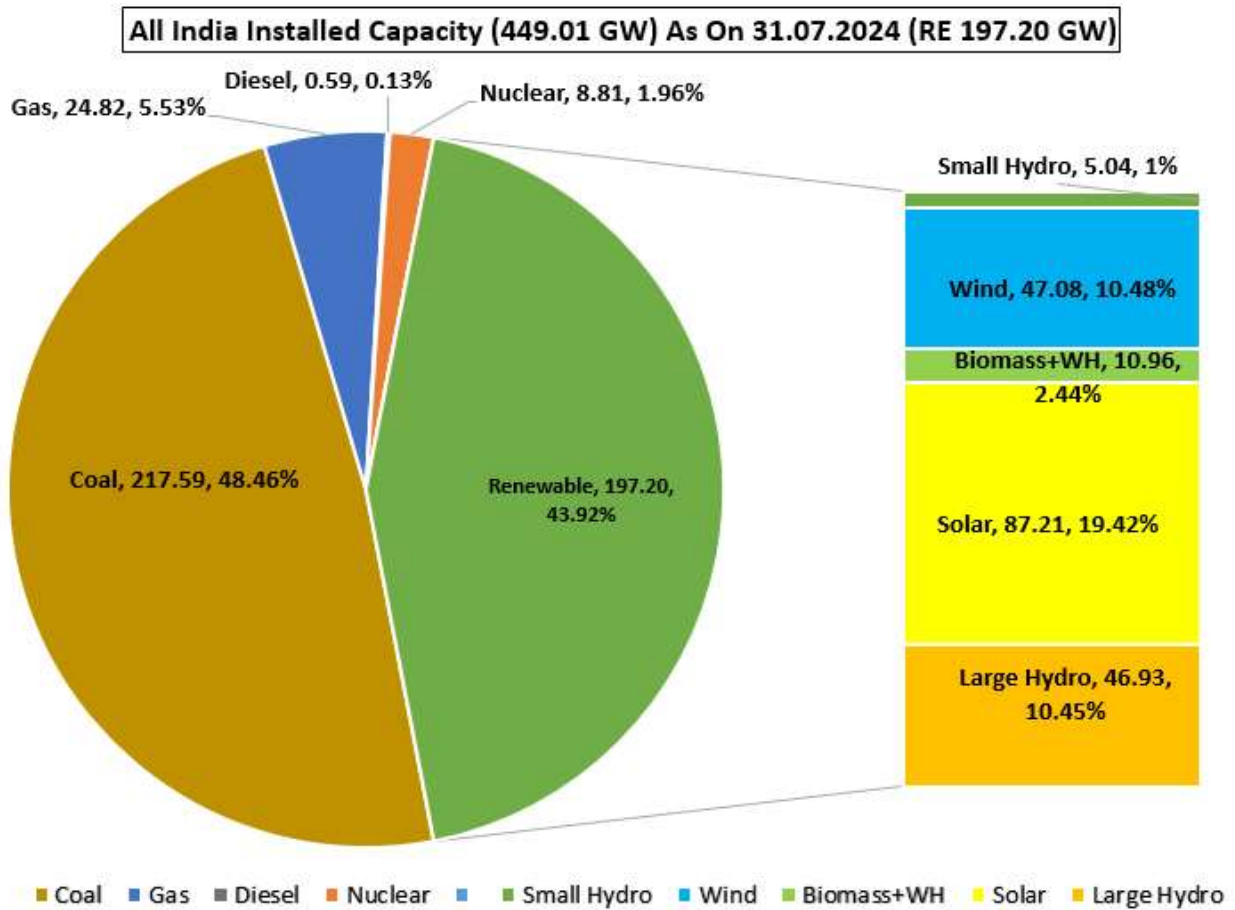


Figure 6: Installed Capacity in India as on 31.07.2024

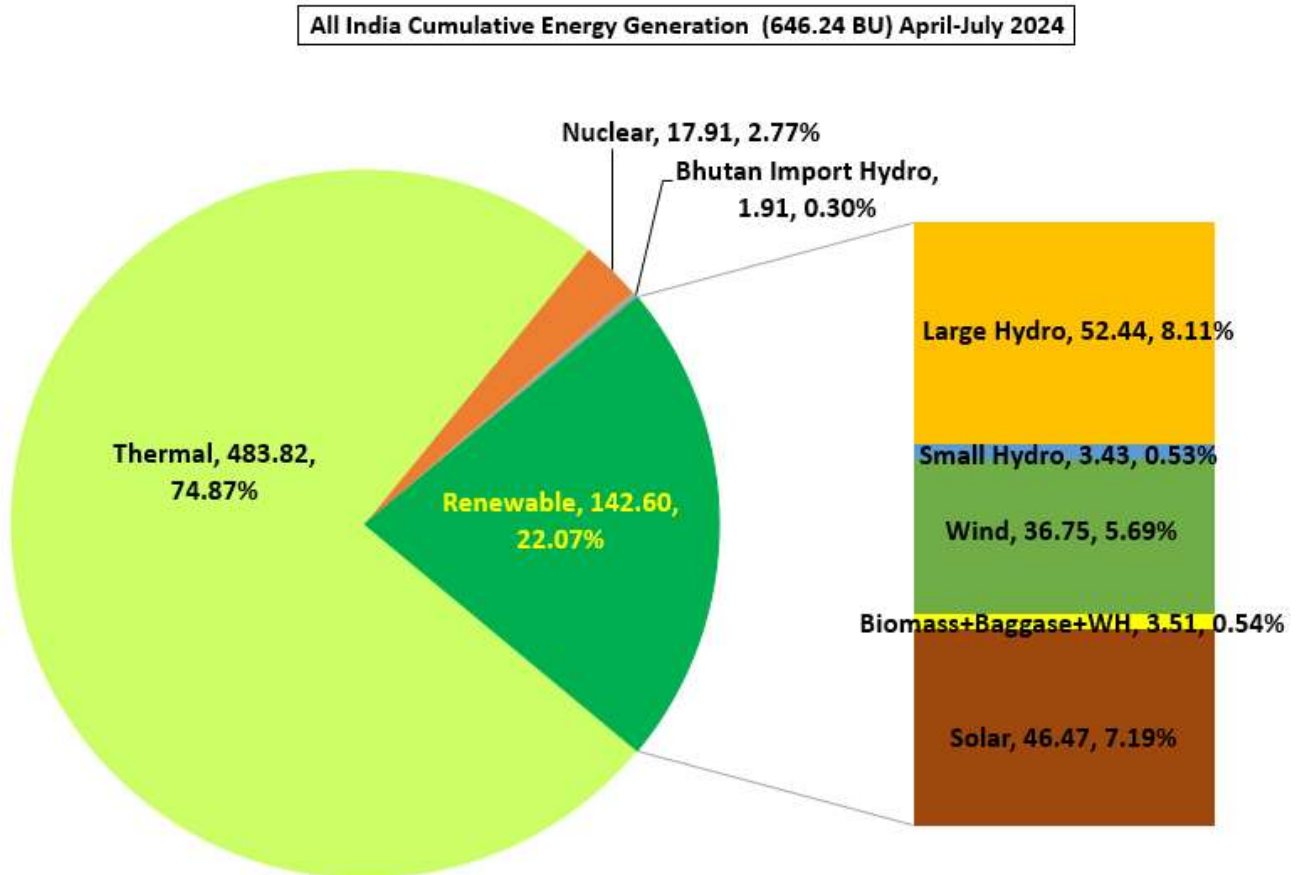


Figure 7: Cumulative Total Energy Generation in India and Share of RE for the year 2024-25

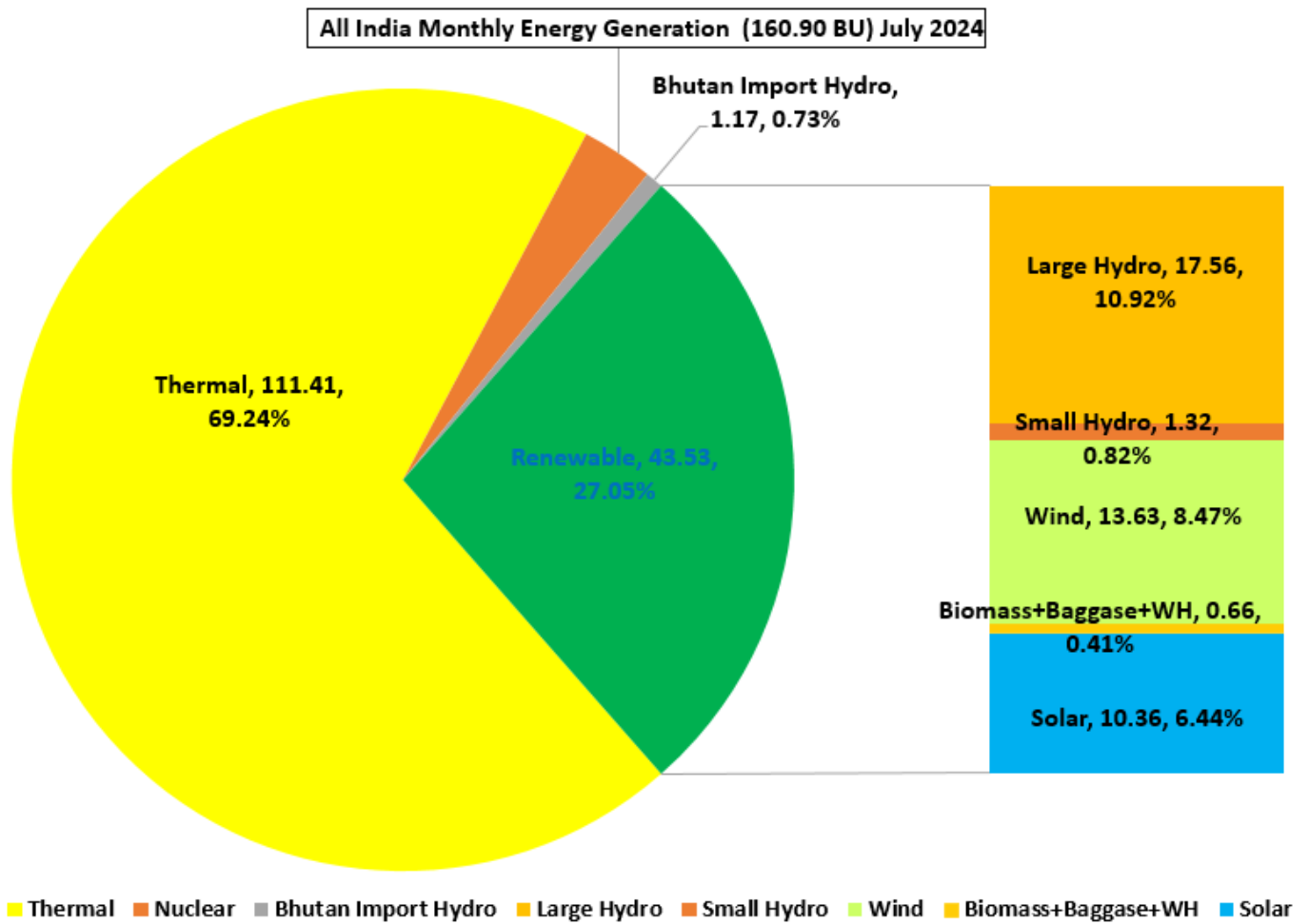


Figure 8: Total Energy Generation in India and Share of RE in the month of July 2024

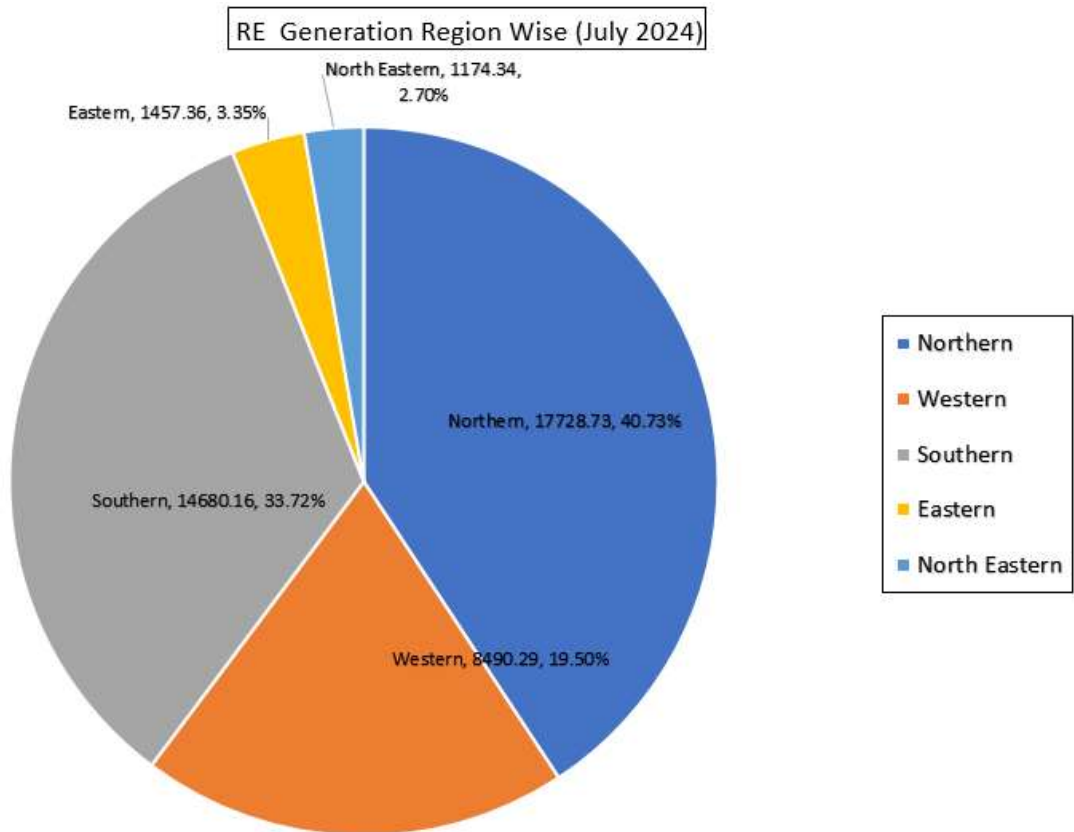


Figure 9: RE Generation Region Wise of July -2024

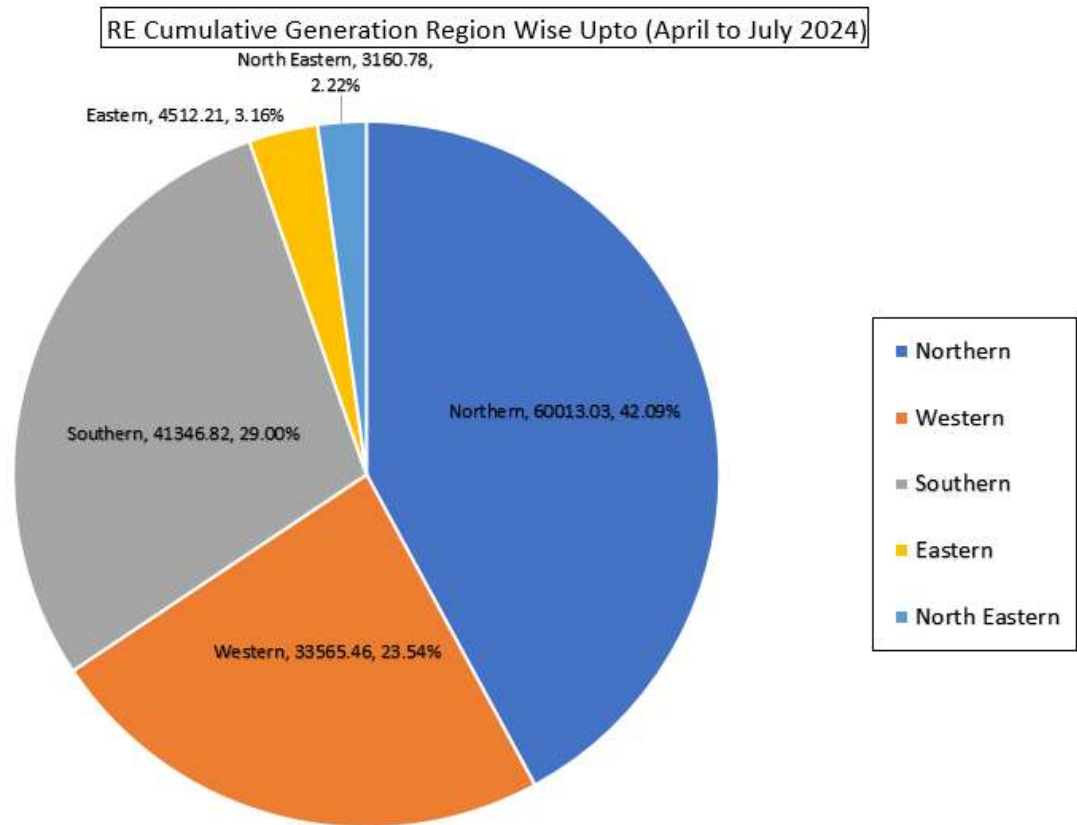


Figure 10: RE Cumulative Generation Region Wise Upto (April 2024 to July 2024)

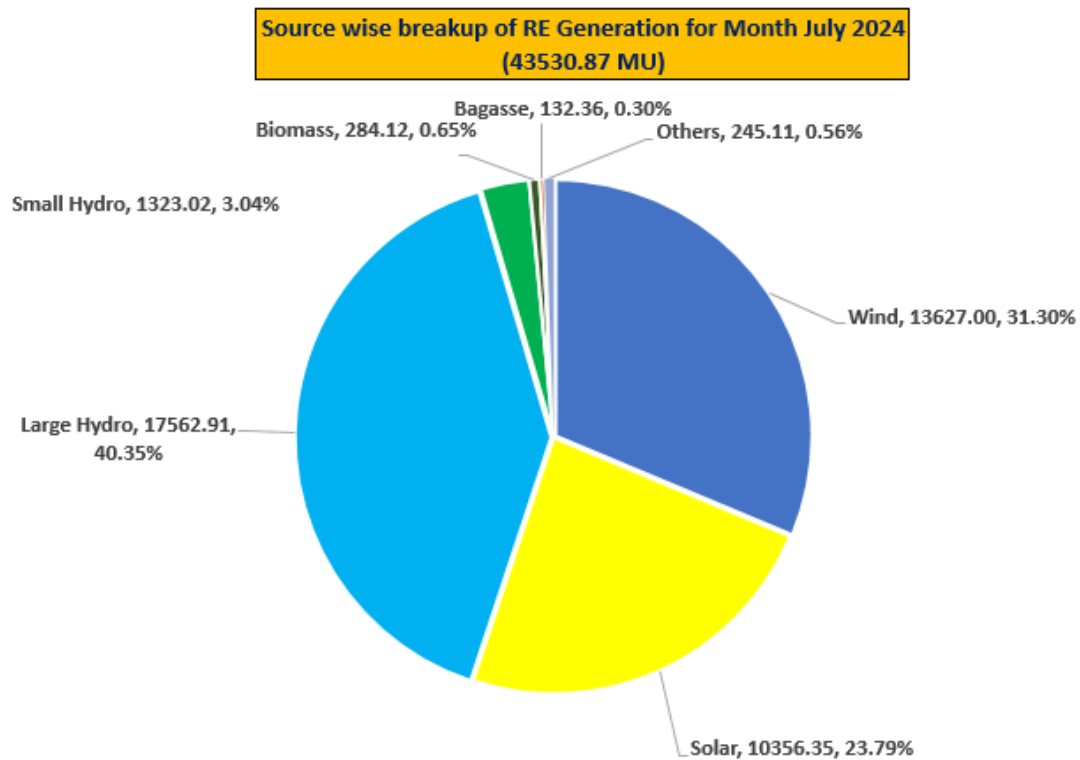


Figure 11: Source wise breakup of RE Generation in the month of July -2024

Source wise breakup of cumulative RE Generation for April 24 to July 2024 (142598.31 MU)

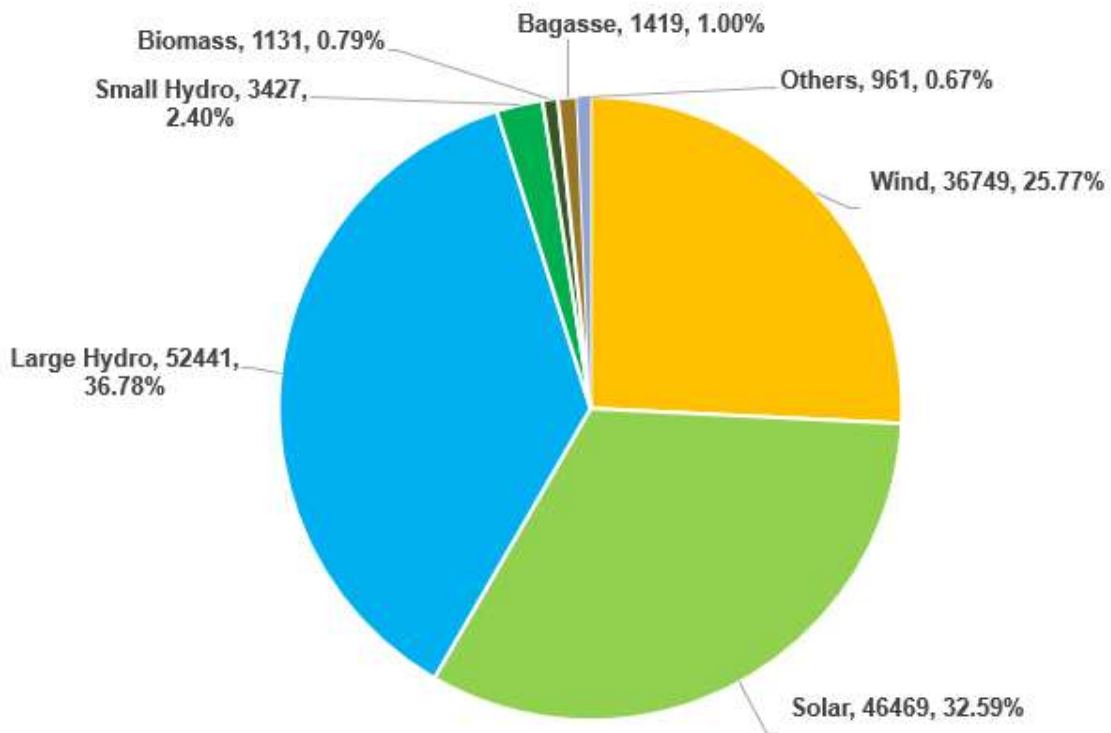


Figure 12: Source wise breakup of Cumulative RE Generation for the year 2024-25.

Summary of Renewable Energy Generation

Increased by 7.03 % as compared to July' 23

Increased by 16.94 % as compared to June'24

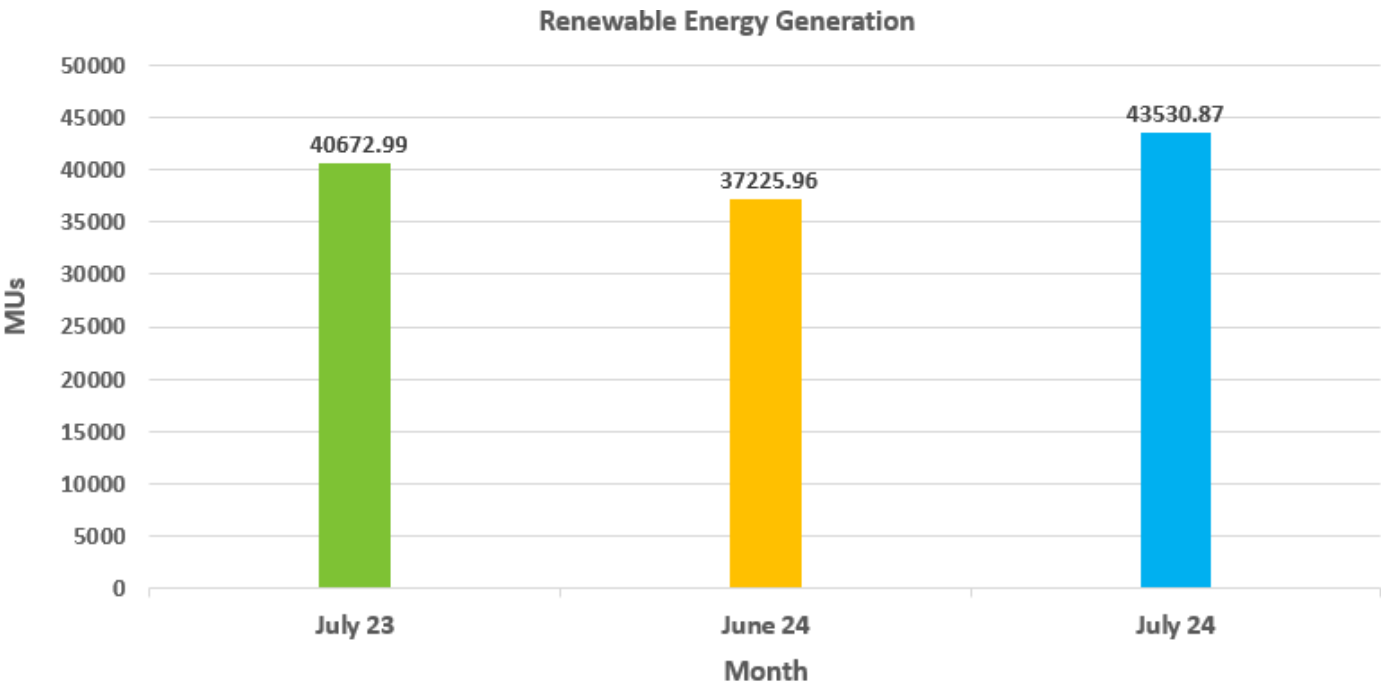


Figure 13: Renewable Energy Generation

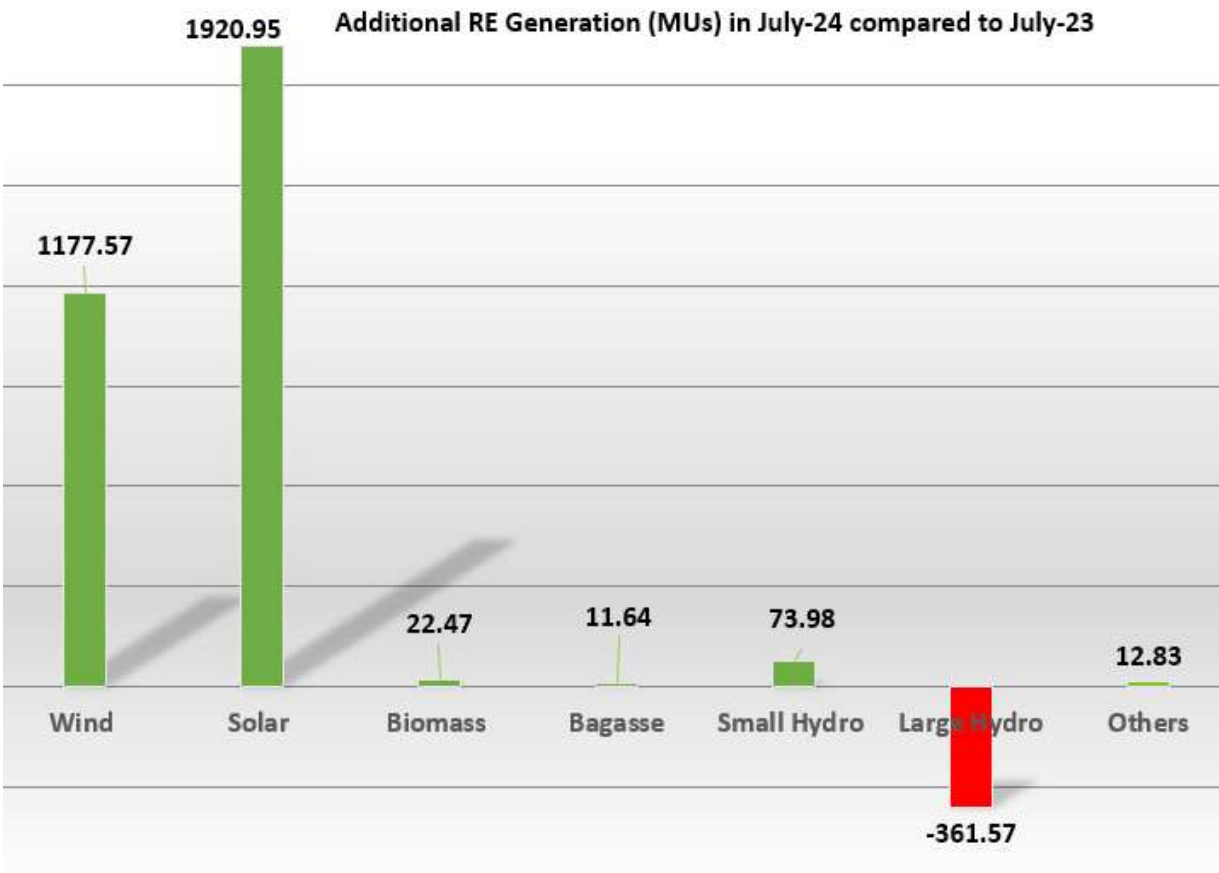


Figure 14: Additional RE Generation in July-24 as compared to July -23

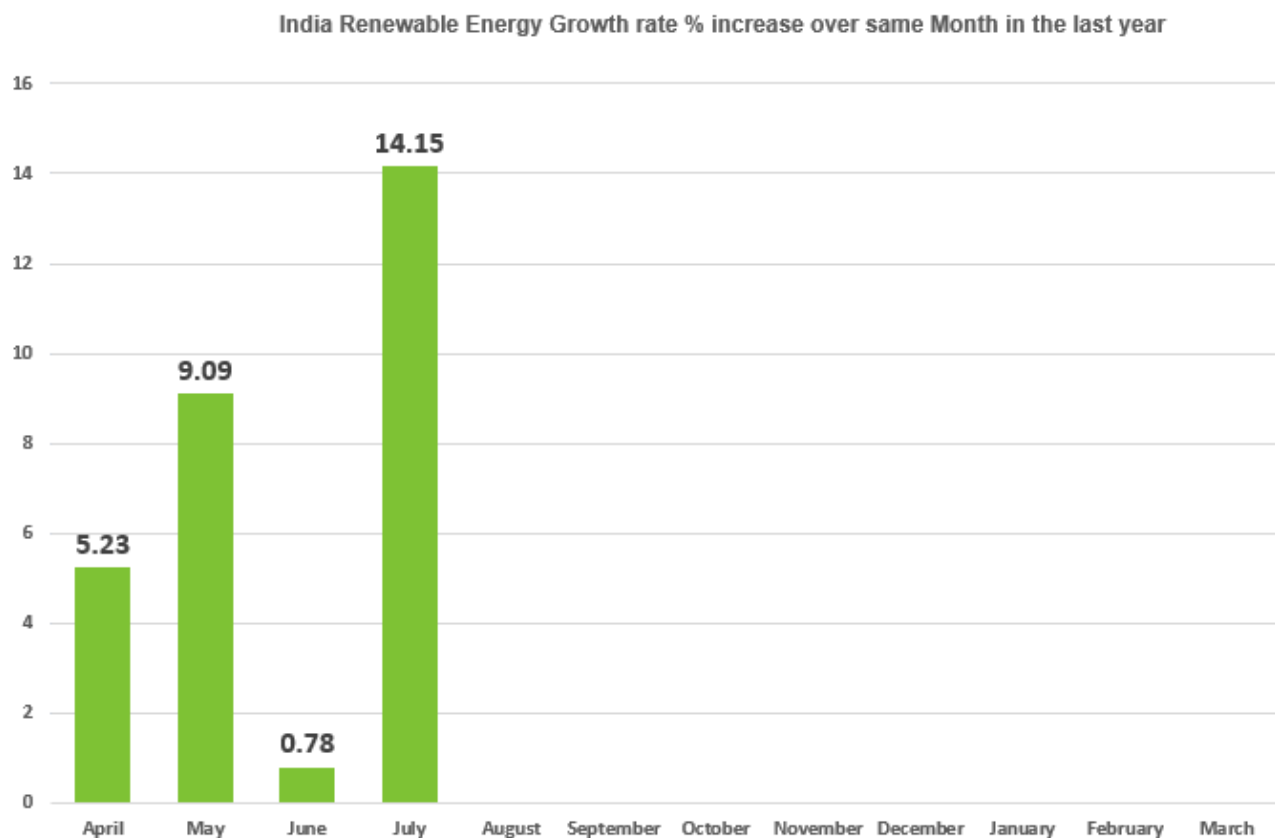


Figure 15: Month Wise % Growth of RE Generation in year 2024-25 w.r.t to previous year Same Month.

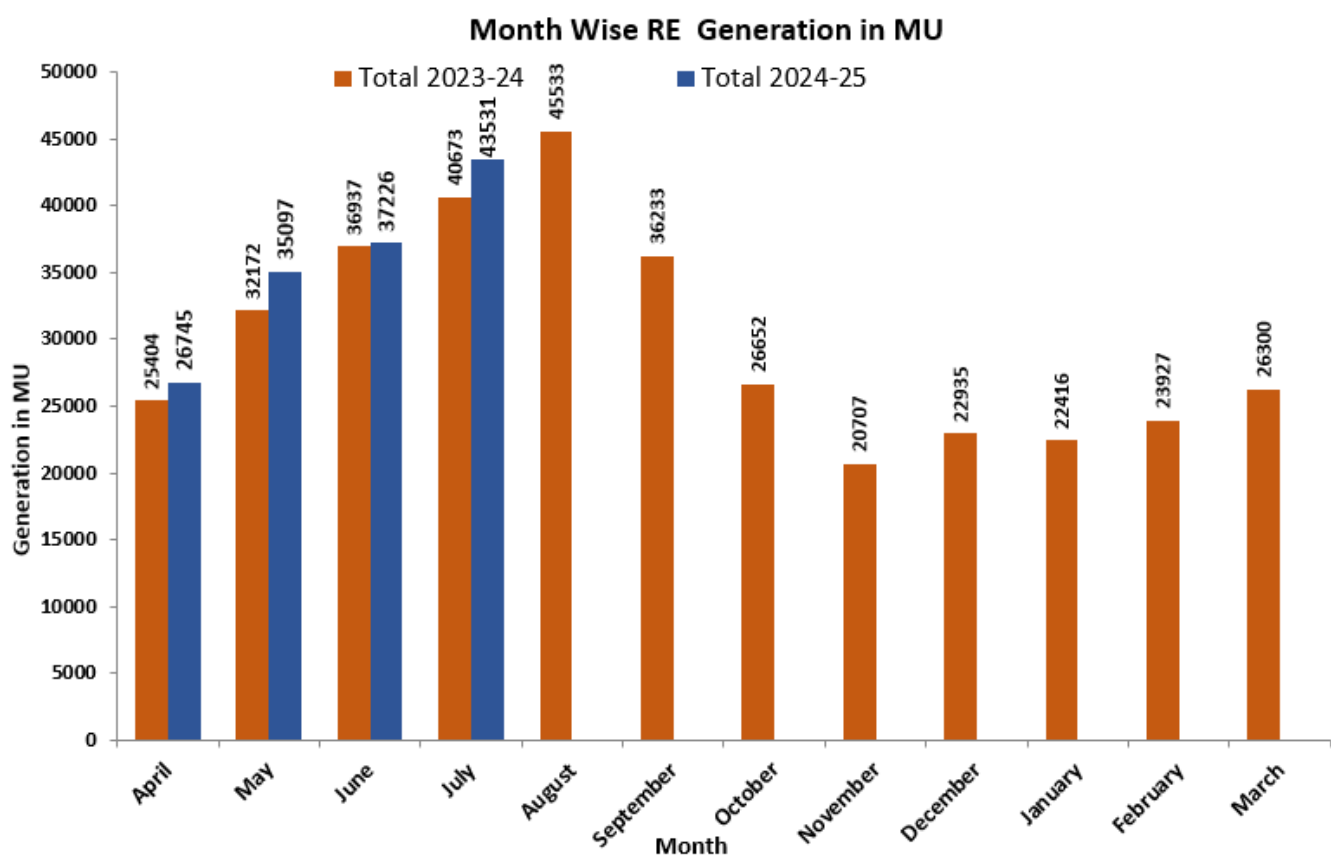


Figure 16: Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25.

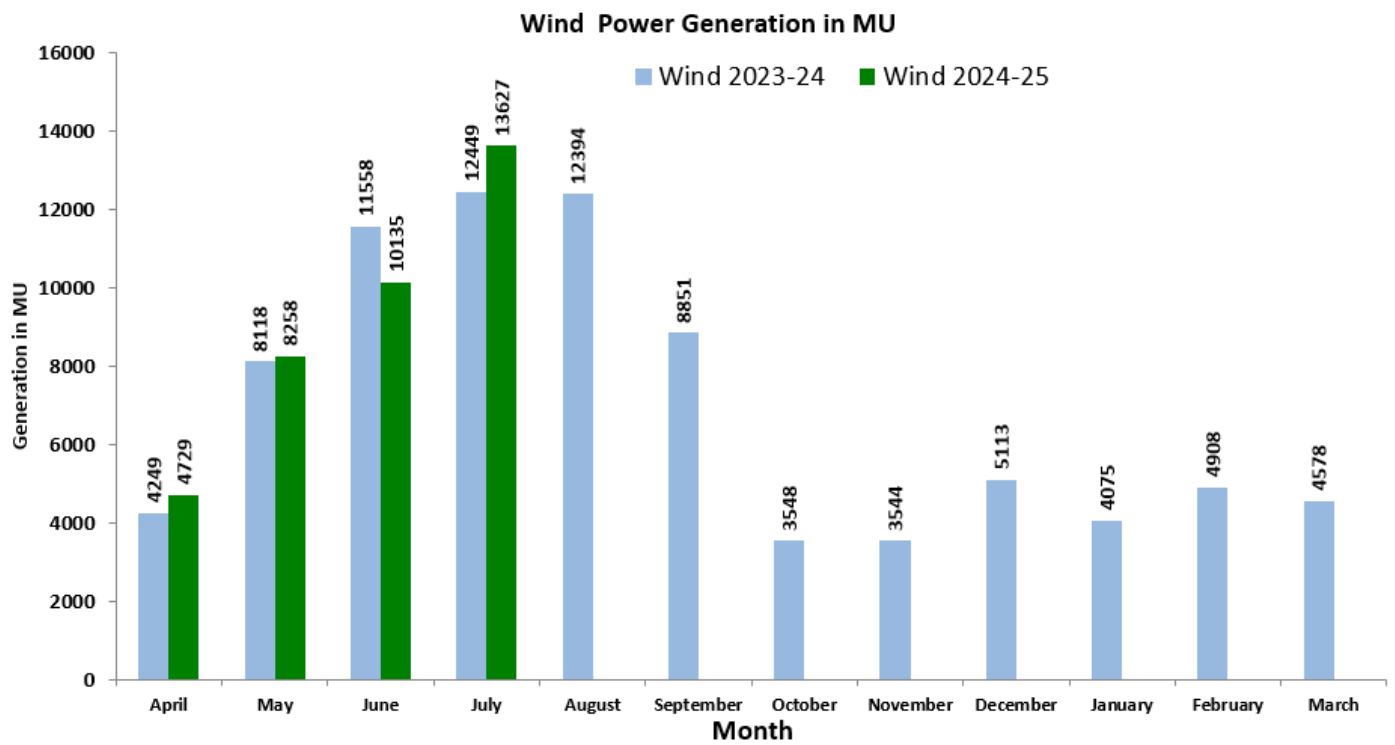


Figure 17: Month Wise Wind Power Generation for the year 2023-24 and year 2024-25.

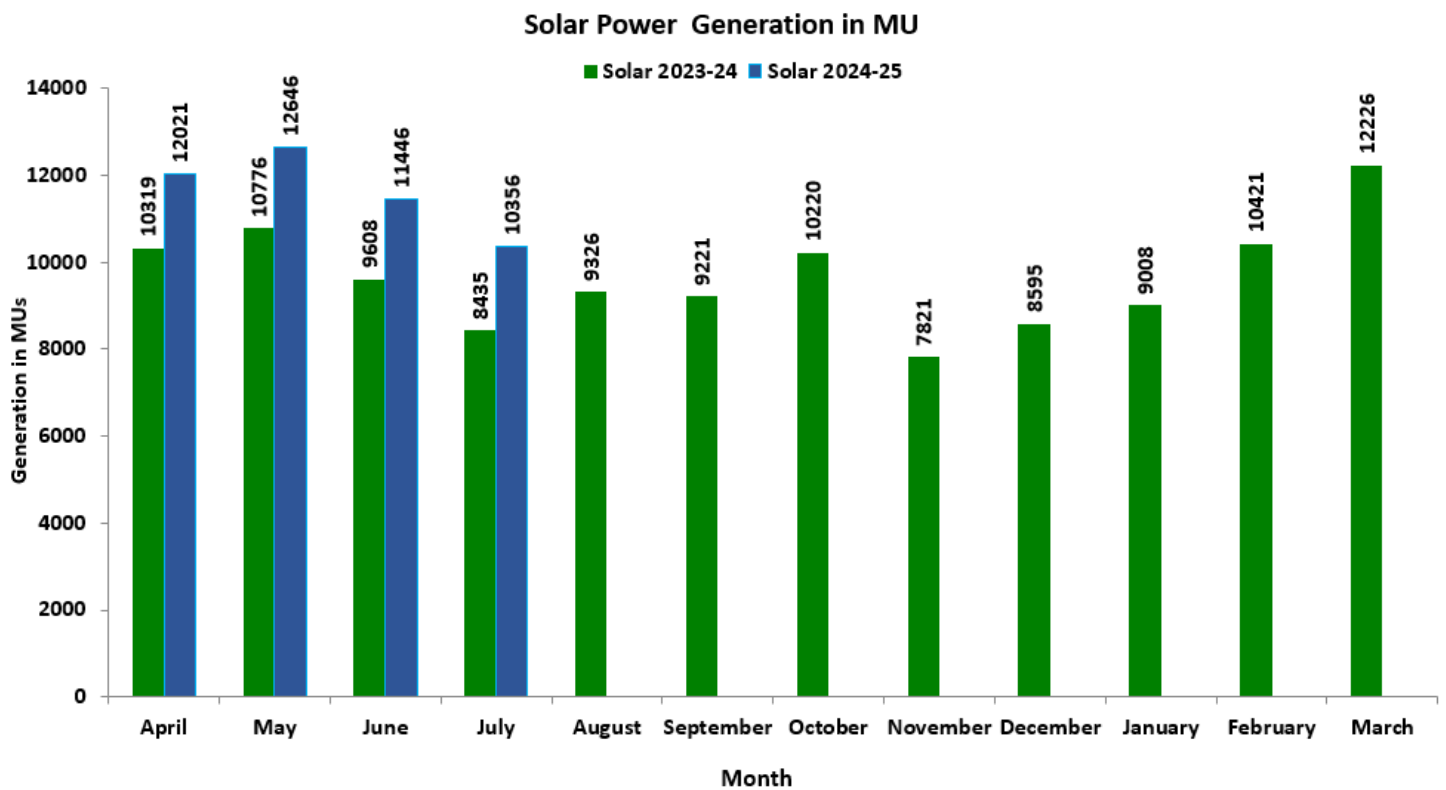


Figure 18: Month Wise Solar Power Generation for the year 2023-24 and year 2024-25.

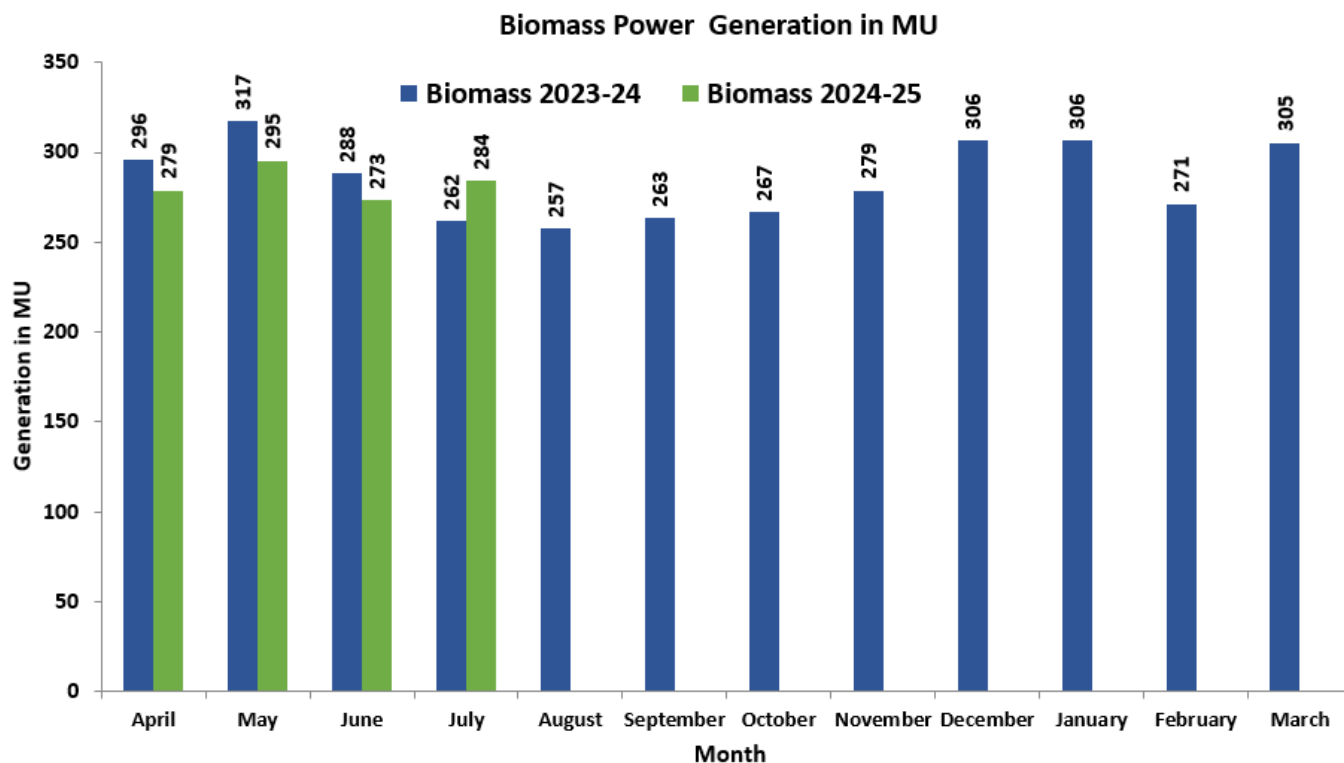


Figure 19: Month Wise Biomass Power Generation for the year 2023-24 and year 2024-25.

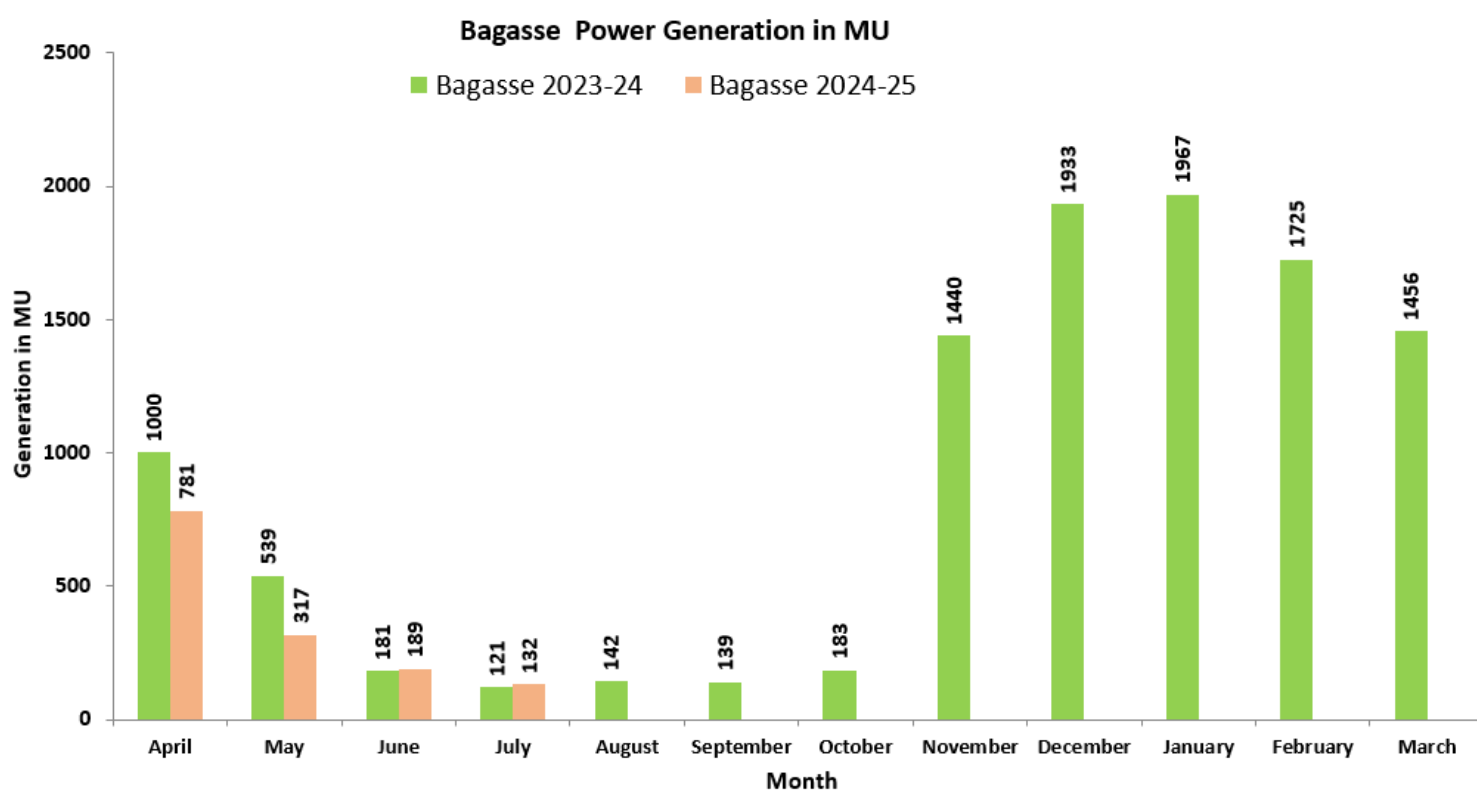


Figure 20: Month Wise Bagasse Power Generation for the year 2023-24 and year 2024-25.

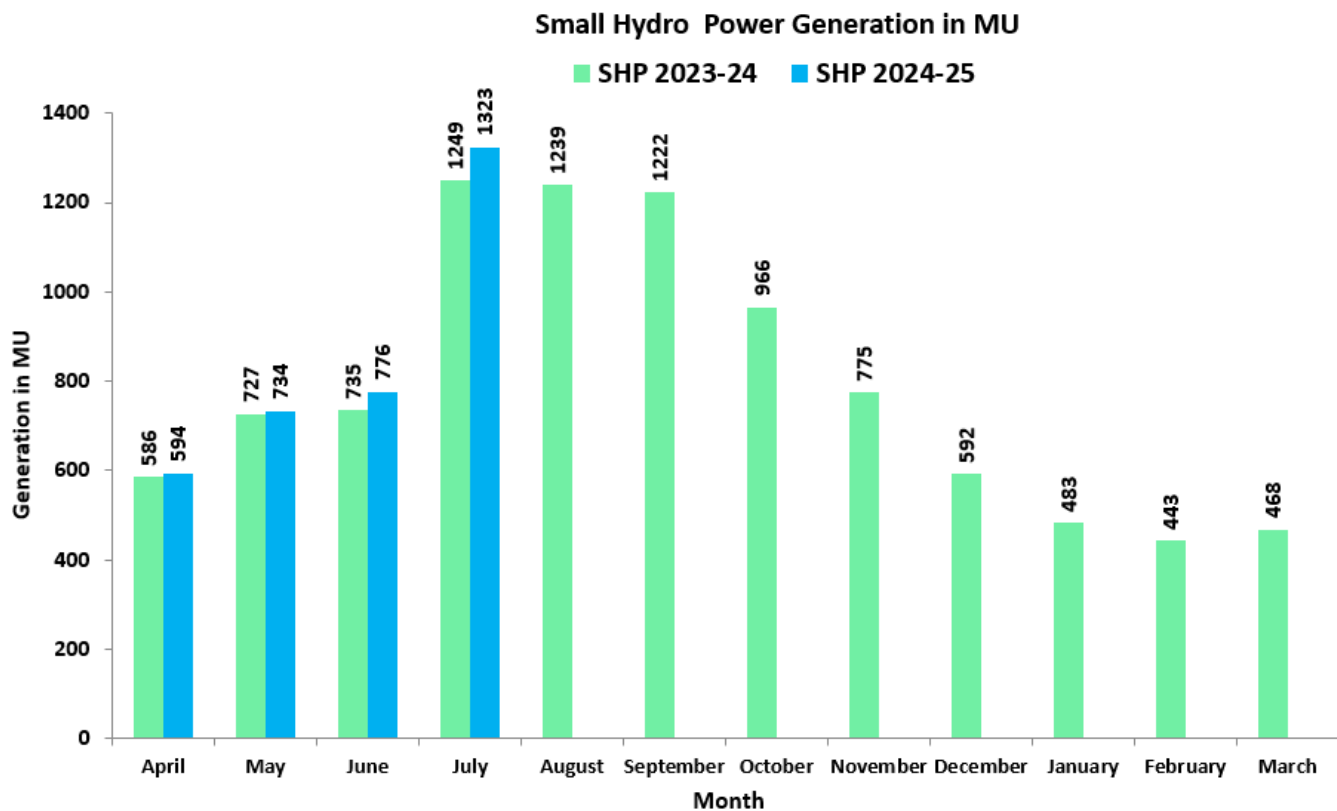


Figure 21: Month Wise Small Hydro Power Generation for the year 2023-24 and year 2024-25.

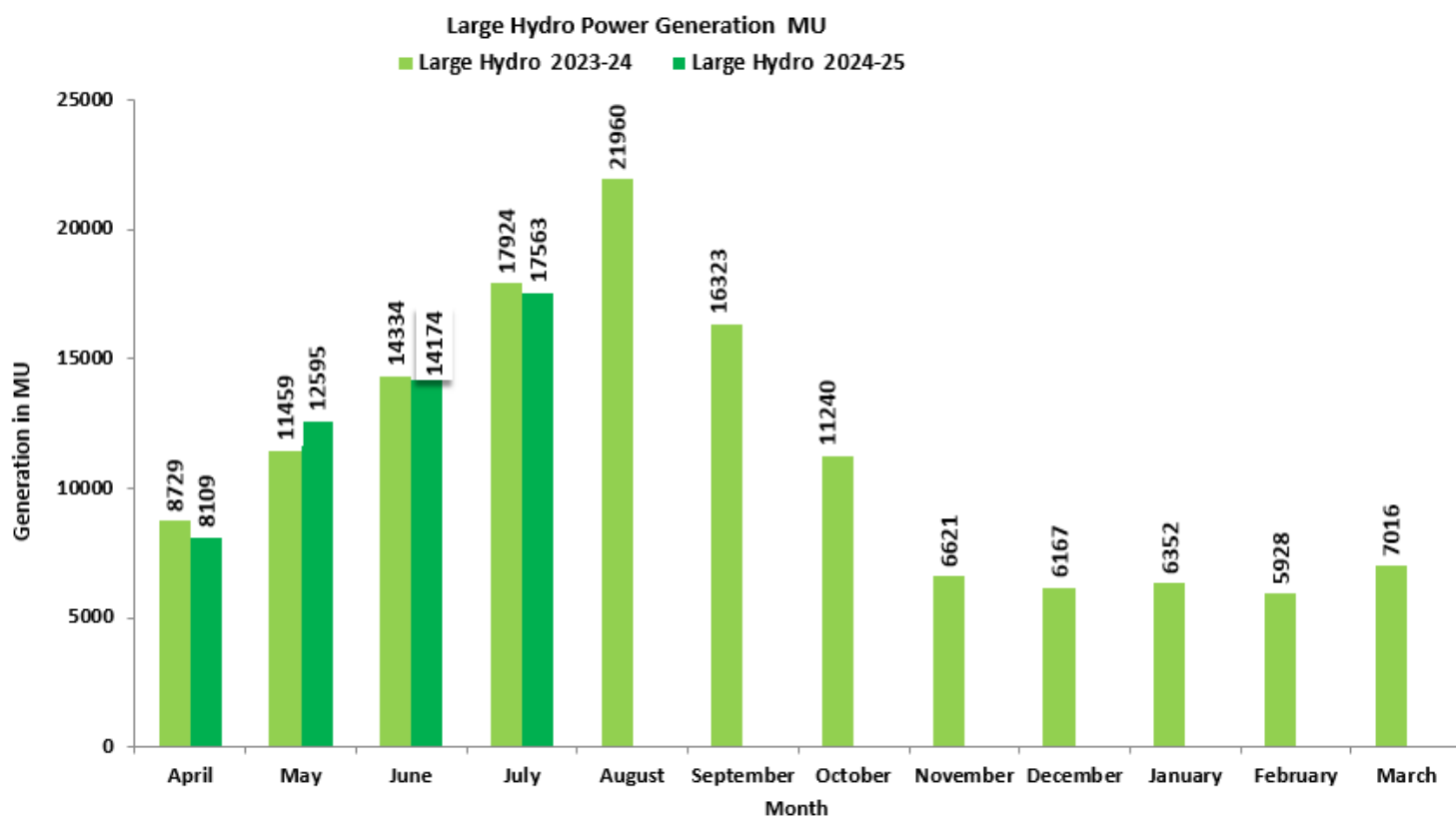


Figure 22: Month Wise Large Hydro Power Generation for the year 2023-24 and year 2024-25.

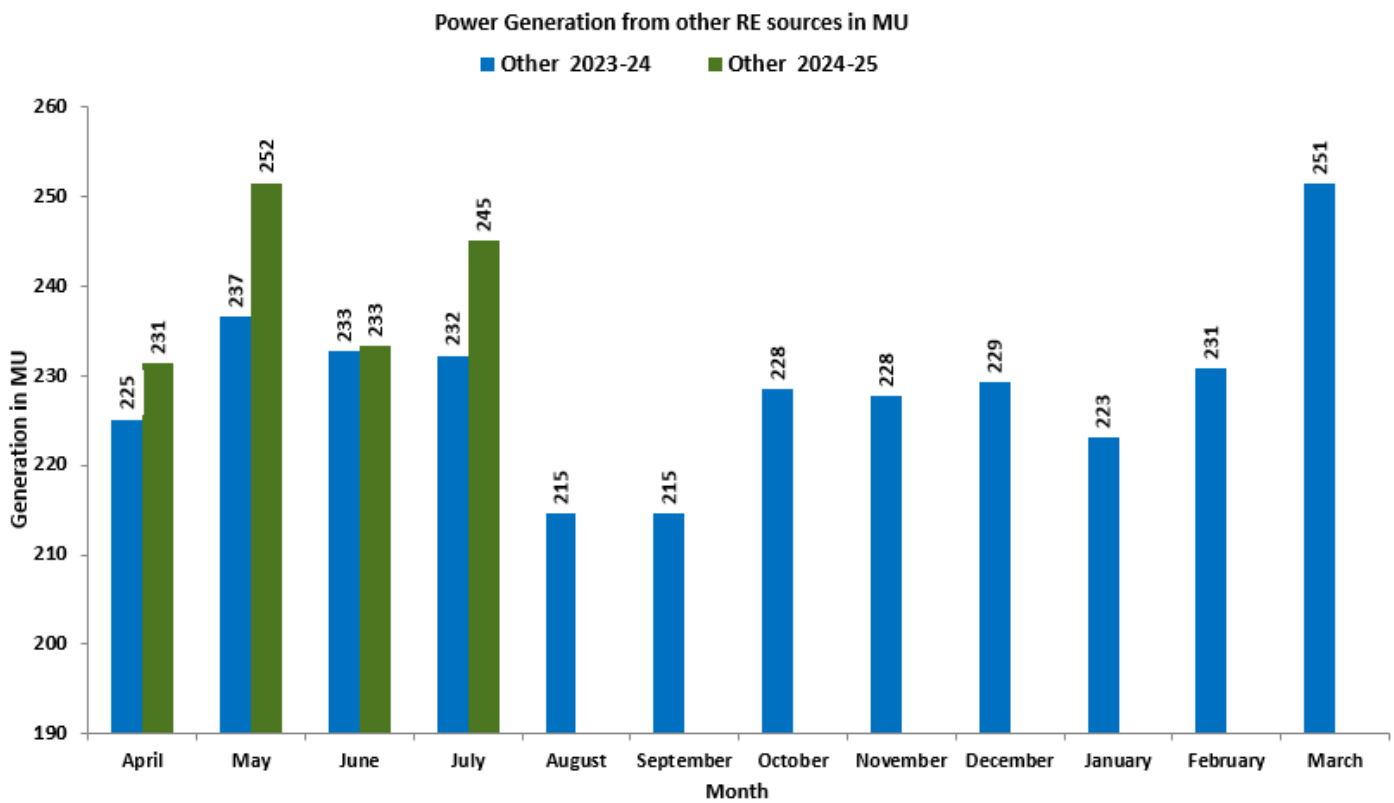


Figure 23: Month Wise Other RE (Waste Heat etc.) Power for the year 2023-24 and year 2024-25.

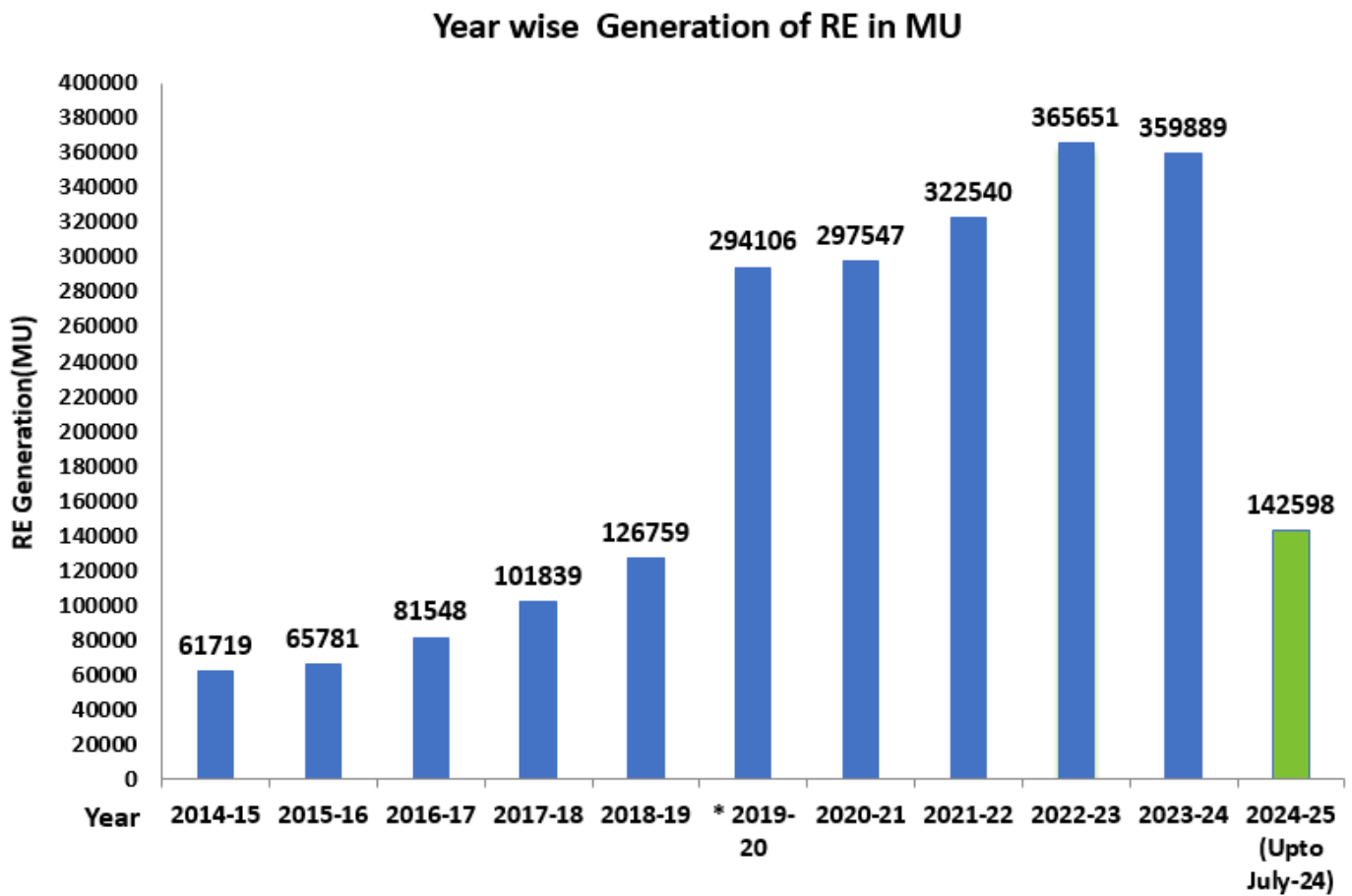


Figure 24: Year Wise RE Generation

(*) 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 (July,2024)

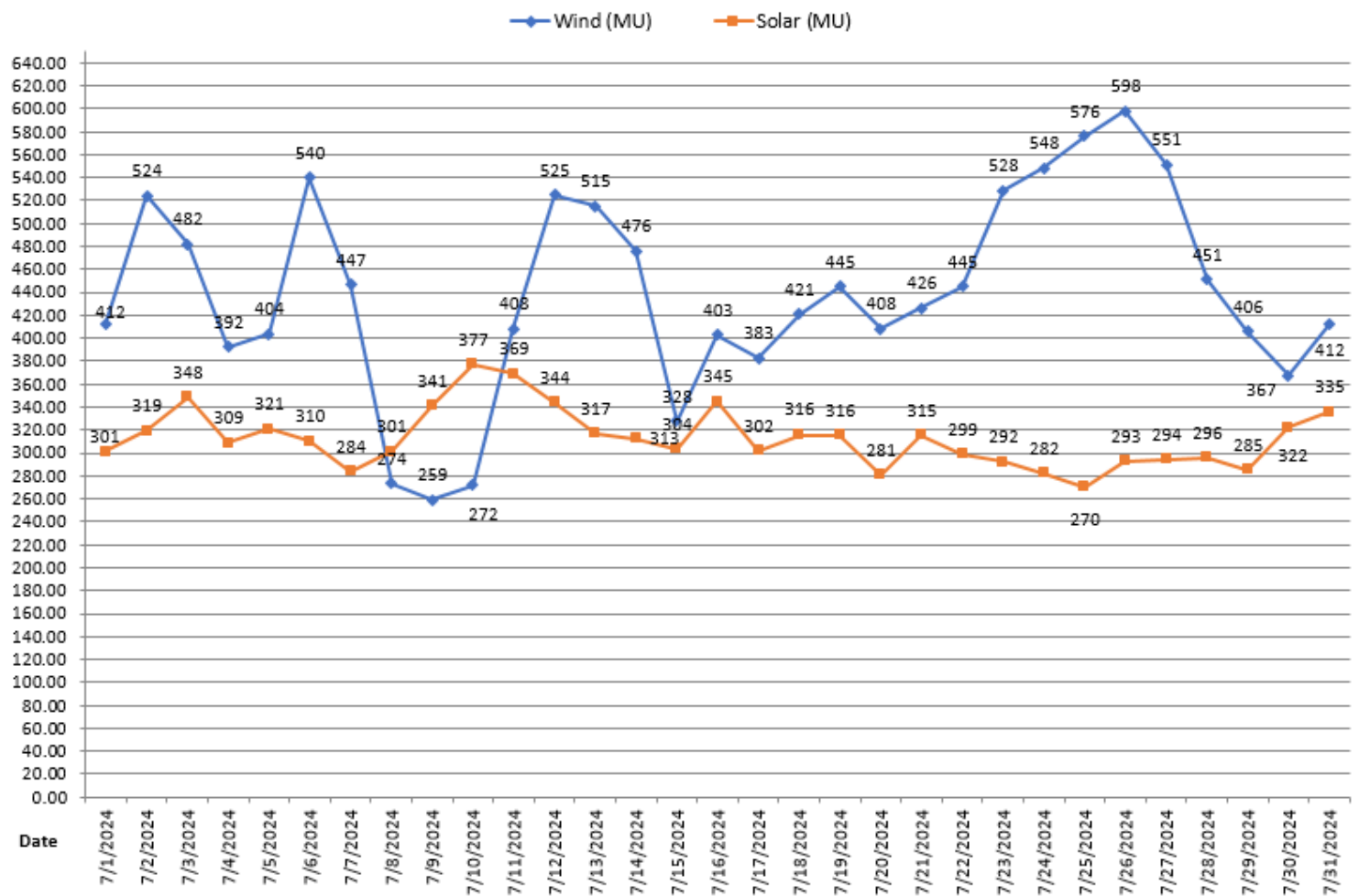


Figure 25: Daily solar and wind power generation trend in the month of July -2024

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	Installed Capacity (MW) (as on 31.07.2024)	Monitored Capacity (MW) (as on 31.07.2024) for which generation data is available	RE Generation(MU) July'2024	RE Generation(MU) July'2023	% of same Month Last Year	RE Generation (MU) April'2023- July'2024	RE Generation (MU) April'2022- July'2023	% of same period Last Year
पवन/Wind	47075.43	46606.28	13627.00	12449.42	109.46	36748.80	36374.01	101.03
सौर/Solar	87207.97	72932.84(*)	10356.35	8435.40	122.77	46469.05	39137.81	118.73
बायोमास/Biomass	10355.35	9848.42	284.12	261.65	108.59	1131.44	1162.39	97.34
बगास/Bagasse			132.36	120.72	109.64	1419.15	1840.95	77.09
लघु जल विद्युत्/Small Hydro	5036.75	4011.28	1323.02	1249.04	105.92	3427.39	3297.86	103.93
बृहत् जल विद्युत्/Large Hydro(\$)	46928.17	46928.17	17562.91	17924.48	97.98	52441.16	52446.38	99.99
अन्य/Others	600.86	832.89	245.11	232.27	105.52	961.32	926.61	103.75
कुल/Total Excluding Large Hydro	150276.36	134231.71	25967.96	22748.51	114.15	90157.15	82739.64	108.96
कुल/Total Including Large Hydro	197204.53	181159.88	43530.87	40672.99	107.03	142598.31	135186.02	105.48

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

(\$)

Large Hydro Generation data excludes import from Bhutan. However, the import from Bhutan during July2024 and April 24 – July24 are 1166.70 MUs and 1910.70 MU respectively.

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

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Unchahar NTPC	Uttar Pradesh	Central	Solar	1.03
Dadri NTPC	Uttar Pradesh	Central	Solar	0.45
Singrauli NTPC	Uttar Pradesh	Central	Solar	1.48
Auraiya NTPC	Uttar Pradesh	Central	Solar	4.73
Kolayat NTPC	Rajasthan	Central	Solar	88.36
Nokhra NTPC	Rajasthan	Central	Solar	59.45
Devikot NTPC	Rajasthan	Central	Solar	46.06
ABC Renewable Energy	Rajasthan	Private	Solar	64.60
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar	54.19
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	65.10
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	162.56
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	80.83
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	76.86
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	78.60
ADANI SEJ2PL M	Rajasthan	Private	Solar	29.11
ADANI SEJ2PL P	Rajasthan	Private	Solar	30.30
ALTRA XERGI	Rajasthan	Private	Solar	80.78
AMP Energy Green Five	Rajasthan	Private	Solar	23.03
AMP Energy Green Six	Rajasthan	Private	Solar	25.47
AMPLUS_AGES	Rajasthan	Private	Solar	23.61
ASERJ2PL	Rajasthan	Private	Solar	43.14
ASERJ2PL_INFRM	Rajasthan	Private	Solar	3.90
ASERJ2PL_BHDL	Rajasthan	Private	Solar	33.33
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	42.43
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	89.53
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	11.23
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	40.00
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	61.21
Adept_Renewable	Rajasthan	Private	Solar	27.41
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	68.01
Avaada RJHN Private Limited	Rajasthan	Private	Solar	46.24
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	67.27
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	59.22

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Ayana Renewable Three	Rajasthan	Private	Solar	22.12
Ayana Renewable Three Infirm	Rajasthan	Private	Solar	22.49
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	61.20
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	61.66
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	118.54
AZURE SOLAR	Rajasthan	Private	Solar	36.28
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	63.71
AZURE POWER THIRTY FIVE	Rajasthan	Private	Solar	26.14
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	40.02
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar	66.32
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	65.73
GRIAN ENERGY	Rajasthan	Private	Solar	23.39
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	Solar	11.31
MEGA SOILS RENEWABLE PRIVATE LIMITED	Rajasthan	Private	Solar	52.67
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	50.96
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	22.51
Nidan Solar Fatehgar	Rajasthan	Private	Solar	61.89
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	61.95
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	11.24
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar	48.50
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	60.72
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	61.13
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	62.78
Renew Surya Pratap	Rajasthan	Private	Solar	42.26
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	58.99
Rising Sun Energy	Rajasthan	Private	Solar	40.99
Serentica Renewables	Rajasthan	Private	Solar	42.67
Renew Surya Roshni	Rajasthan	Private	Solar	76.76
Renew Surya Vihaan	Rajasthan	Private	Solar	20.20
Renew Surya Ayaan	Rajasthan	Private	Solar	59.41
Tata Power Green Energy Limited	Rajasthan	Private	Solar	42.43
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	60.46
TESEPL	Rajasthan	Private	Solar	10.99
Thar Surya 1	Rajasthan	Private	Solar	61.49
TPSL Banderwala	Rajasthan	Private	Solar	42.10
TPSL BKN2 INF	Rajasthan	Private	Solar	20.73
TP SAURYA	Rajasthan	Private	Solar	20.13

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Transition Energy	Rajasthan	Private	Solar	20.09
Transition Green Energy	Rajasthan	Private	Solar	23.31
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	105.77
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	23.54
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	15.77
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	16.11
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	25.37
Sub Total(Northern Region)				3532.35
Beempow Energy	Madhya Pradesh	Private	Solar	45.82
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	35.00
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	34.56
AVAADA_AGAR_RUMS	Madhya Pradesh	Private	Solar	26.32
Athena_RUMS	Madhya Pradesh	Private	Solar	36.32
Masaya BWSPRA_KNDW	Madhya Pradesh	Private	Solar	29.41
Sherisha Raipur	Chhattisgarh	Private	Solar	4.72
Solapur Solar	Maharashtra	Central	Solar	1.23
AREH4L_PSS1	Gujarat	Private	Solar	176.89
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	33.45
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	16.73
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	17.73
Powerica Wind	Gujarat	Private	Solar	17.34
RPL_SECI-II	Gujarat	Private	Solar	60.38
Kawas NTPC	Gujarat	Central	Solar	4.95
Gandhar_Solar	Gujarat	Private	Solar	1.83
GSECL RSP	Gujarat	Private	Solar	1.76
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar	107.72
AGE24AL	Gujarat	Private	Solar	47.57
Alfanar	Gujarat	Private	Wind	75.34
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	141.96
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	98.91
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	92.72
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	63.98
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	68.74
GSECL_PH2	Gujarat	Private	Wind	9.67

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Ostro Kutch Wind Private Limited (OKWPL)	Gujarat	Private	Wind	74.47
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	79.76
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	50.32
Apraava Khkrda Jam	Gujarat	Private	Wind	85.80
Netra Kotda	Gujarat	Private	Wind	44.42
Torrent Sidpur Jam	Gujarat	Private	Wind	44.50
TP SAURYA UNIT-2	Gujarat	Private	Wind	3.61
SITAC	Gujarat	Private	Wind	93.11
SRIJAN	Gujarat	Private	Wind	36.18
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind	78.78
SGEL RSP	Gujarat	Private	Wind	13.25
TPSOURY KWAI	Gujarat	Private	Wind	9.16
<u>Sub Total(Western Region)</u>				1864.41
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	117.46
GRTJIPL	Tamil Nadu	Private	Solar	26.49
Mytra	Tamil Nadu	Private	Wind	115.56
Orange	Tamil Nadu	Private	Wind	103.34
Green Infra	Tamil Nadu	Private	Wind	131.65
Hiriyur Ostro	Tamil Nadu	Private	Wind	163.03
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	116.53
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	118.46
JSW Renew Energy Two Limited (Tuticorin)_infirm	Tamil Nadu	Private	Wind	2.07
JSW Savlaperi	Tamil Nadu	Private	Wind	77.45
JSW Savlaperi infirm	Tamil Nadu	Private	Wind	4.58
Ettayapuram NTPC	Tamil Nadu	Central	Solar	42.38
ARPSPL KOPPAL	Karnataka	Private	Wind	155.21
RSOPL KOPPAL	Karnataka	Private	Wind	142.70
RSOPL KOPPAL infirm	Karnataka	Private	Wind	12.72
RSRPL KOPPAL	Karnataka	Private	Wind	135.97
Serentica_koppal	Karnataka	Private	Wind	16.98
Ramagundam Floating Solar	Telangana	Central	Solar	11.39
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	2.67
<u>Southern Region</u>				1496.64
<u>All India Total</u>				6893.40

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) July 2024	RE Generation (MU) July 2023	RE Generation (MU) April 2024- July 2024	RE Generation (MU) April 2023- July 2023
NTPC							
Faridabad_Solar	Haryana	5	Solar	0.46	0.49	2.14	2.31
Bhadla	Rajasthan	260	Solar	37.18	36.14	150.27	148.41
Jetsar	Rajasthan	160	Solar	32.21	29.88	135.03	132.05
Fatehgarh	Rajasthan	296	Solar	62.85	19.55	263.91	215.10
Devikot	Rajasthan	240	Solar	46.47	45.93	192.64	195.77
Nokhra	Rajasthan	300	Solar	59.56	54.21	246.19	235.63
Anta Solar	Rajasthan	90	Solar	15.00	0.00	55.09	0.00
Dadri_Solar	Uttar Pradesh	5	Solar	0.44	0.47	2.19	2.25
Unchahar_Solar	Uttar Pradesh	10	Solar	1.03	1.14	4.93	5.17
Singrauli_Solar	Uttar Pradesh	15	Solar	1.54	1.78	7.22	7.31
Auraiya	Uttar Pradesh	40	Solar	4.07	5.79	24.66	26.24
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	3.67	3.55	13.11	14.27
Ayodhya	Uttar Pradesh	14	Solar	3.70	0.00	11.75	0.00
Chattargarh	Rajasthan	150	Solar	30.39	0.00	122.12	0.00
Rojmal	Gujarat	50	Wind	11.07	10.32	39.60	41.87
Dayapar	Gujarat	50	Wind	10.74	0.00	44.33	0.00
Rajgarh_Solar	Madhya Pradesh	50	Solar	4.45	4.68	23.69	23.84
Mandsaur	Madhya Pradesh	250	Solar	22.24	25.47	120.94	125.78
Solapur	Maharashtra	10	Solar	1.27	1.11	6.48	6.13
Anantapuram	Andhra Pradesh	250	Solar	23.92	0.00	124.00	96.28
Ramagundam	Telangana	110	Solar	11.77	10.33	69.04	69.28
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.41	0.38	1.82	1.88
Talchar_Solar	Orissa	10	Solar	0.65	0.91	3.96	4.37
Solar_Bilhaur	Uttar Pradesh	225	Solar	36.20	35.78	175.81	165.08

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) July 2024	RE Generation (MU) July 2023	RE Generation (MU) April 2024- July 2024	RE Generation (MU) April 2023- July 2023
Simhadri Floating Project	Andhra Pradesh	25	Solar	2.62	3.42	15.38	17.25
Kayamkulam	Kerala	92	Solar	14.46	16.06	61.98	69.42
Kawas	Gujarat	56	Solar	4.99	6.55	35.34	35.46
Gandhar	Gujarat	20	Solar	1.92	1.56	13.14	9.77
Shambu ki Burj-I	Rajasthan	250	Solar	54.29	50.54	224.94	214.21
Shambu ki Burj-II	Rajasthan	150	Solar	33.64	30.61	142.61	134.10
Ettayapuram	Tamil Nadu	230	Solar	42.69	41.93	169.38	162.67
Total NTPC		3426		575.89	438.58	2503.70	2161.90
THDC							
Patan Wind Power Project	Gujarat	50.00	Wind	8.33	3.98	32.96	30.32
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	14.86	14.49	51.57	48.65
Solar Kasaragod	Kerala	50.00	Solar	4.00	4.83	25.84	30.38
Rishikesh office Premises	Uttarakhand	0.50	Solar	0.03	0.04	0.19	0.19
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	1.90	6.70	7.51	15.77
Total THDC		187.50		29.12	30.04	118.07	125.31
NHPC							
Wind Power Project	Rajasthan	50.00	Wind	6.22	6.26	19.21	20.24
Solar Power Project	Tamilnadu	50.00	Solar	6.42	7.39	29.94	24.43
Total NHPC		100.00		12.64	13.65	49.15	44.67
ONGC							
Bhuj	Gujarat	51.00	Wind	6.78	6.49	29.65	11.51
Jaisalmer	Rajasthan	102.00	Wind	13.37	11.70	48.65	38.90
Assam	Assam	1.66	Roof Top	0.13	0.00	0.51	0.15
Assam	Assam	1.09	Ground Mounted	0.11	0.03	0.45	1.56
Tripura	Tripura	0.25	Roof Top	0.02	0.00	0.08	0.72
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Ground Mounted	0.05	0.01	0.35	0.83
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Ground Mounted	0.42	0.48	2.59	1.20
Cauvery	Tamil Nadu	0.46	Ground Mounted	0.03	0.00	0.18	0.13

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) July 2024	RE Generation (MU) July 2023	RE Generation (MU) April 2024- July 2024	RE Generation (MU) April 2023- July 2023
Vagara, Ankleshwar	Gujarat	5.00	Ground Mounted	0.47	0.56	2.75	2.15
Gujarat	Gujarat	4.23	Roof Top	0.37	0.00	1.43	0.48
Jodhpur	Rajasthan	0.16	Ground Mounted	0.02	0.00	0.08	0.15
Jaisalmer	Rajasthan	0.16	Ground Mounted	0.02	0.00	0.07	0.15
Uttarakhand	Uttarakhand	1.24	Roof Top	0.08	0.00	0.31	0.02
Goa	Goa	1.00	Ground Mounted	0.05	0.03	0.24	0.14
Hazira	Gujarat	10.00	Ground Mounted	0.57	0.00	4.81	0.01
Hazira	Gujarat	5.00	Ground Mounted	0.39	0.00	2.84	0.04
Mumbai (Uran & NBP Green Heights)	Maharashtra	0.29	Roof Top	0.08	0.00	0.45	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	0.09	0.00	0.37	0.00
Cambay	Gujarat	2.00	Ground Mounted SPP	0.20	0.00	1.19	0.00
Total ONGC		192.89		23.24	19.29	97.13	58.18
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	12.63	10.13	27.08	27.00
Sadla Wind Power	Gujarat	50.00	Wind	10.07	9.50	39.46	45.72
Charanka Solar Power	Gujarat	5.60	Solar	0.52	0.53	2.95	2.89
Wadhal Solar Power Project	Himachal Pradesh	1.00	Solar	0.12	0.02	0.52	0.39
Gurhah	Uttar Pradesh	75.00	Solar	10.89	0.00	55.11	0.00
Gujari		50.00	Solar	7.60	0.00	35.45	0.00
Parasan Solar Power	Uttar Pradesh	75.00	Solar	11.67	12.30	56.48	57.53
Total SJVN		304.20		53.50	32.47	217.05	133.52

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) July 2024	RE Generation (MU) July 2023	RE Generation (MU) April 2024- July 2024	RE Generation (MU) April 2023- July 2023
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.05	2.03	8.42	8.58
Oil India Ltd	Rajasthan	67.60	Wind	8.38	5.02	30.48	24.00
Oil India Ltd	Gujarat	43.30	Wind	9.64	7.65	35.83	36.67
Oil India Ltd	Madhya Pradesh	63.20	Wind	11.05	6.68	44.74	39.31
Total Oil India Ltd		188.10		31.12	21.37	119.47	108.55
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.48	0.49	1.92	1.43
NEEPCO	Assam	25.00	Small Hydro	18.78	18.10	66.95	34.99
NEEPCO Total		30.00		19.27	18.59	68.88	36.42
DVC							
DVC	West Bengal	10.10	Solar	1.27	0.01	6.25	0.02
DVC	Jharkhand	4.00	Small Hydro	0.00	0.00	0.00	0.00
Total DVC		14.10		1.27	0.01	6.25	0.02
All India Total		4442.79		746.05	574.00	3179.71	2668.57

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 July 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Northern Region					
Unchahar NTPC	Solar	0.98	1.03	0.05	4.73
Dadri NTPC	Solar	0.51	0.45	-0.06	-12.08
Singrauli NTPC	Solar	1.58	1.48	-0.10	-6.30
Auraiya NTPC	Solar	5.66	4.73	-0.93	-16.42
Kolayat NTPC	Solar	89.92	88.36	-1.56	-1.73
Nokhra NTPC	Solar	61.24	59.45	-1.79	-2.92
Devikot NTPC	Solar	47.60	46.06	-1.54	-3.24
ABC Renewable Energy	Solar	66.60	64.60	-2.00	-3.00
Acme Chittorgarh Energy Pvt Ltd.	Solar	57.24	54.19	-3.05	-5.33
Acme Heergharh Powertech Pvt Ltd	Solar	64.81	65.10	0.29	0.45
Adani Hybrid Energy Jaisalmer Four Limited	Solar	272.01	268.33	-3.68	-1.35
Adani Hybrid Energy Jaisalmer One Limited	Solar	116.84	114.90	114.90	98.34
Adani Hybrid Energy Jaisalmer Three Limited	Solar	95.66	92.63	-3.03	-3.17
Adani Hybrid Energy Jaisalmer Two Limited	Solar	94.39	94.71	0.32	0.34
ADANI SEJ2PL M	Solar	32.59	29.11	-3.48	-10.66
ADANI SEJ2PL P	Solar	30.21	30.30	0.09	0.30
ALTRA XERGI	Solar	79.81	80.78	0.97	1.22
AMP Energy Green Five	Solar	25.40	23.03	-2.37	-9.34
AMP Energy Green Six	Solar	26.90	25.47	-1.43	-5.33
AMPLUS_AGES	Solar	25.20	23.61	-1.59	-6.32
ASERJ2PL	Solar	45.13	43.14	-1.99	-4.42
ASERJ2PL_INFRM	Solar	4.02	3.90	-0.12	-2.88
ASERJ2PL_BHDL	Solar	34.04	33.33	-0.71	-2.09
Adani Renewable Energy RJ Limited (RERJL)	Solar	40.68	42.43	1.75	4.31
Adani Jaisalmer One SEPL Solar	Solar	108.96	104.37	-4.59	-4.21
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Solar	11.22	11.23	0.01	0.06

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of July 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Solar	38.30	40.00	1.70	4.43
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Solar	63.34	61.21	-2.13	-3.37
Adept_ Renewable	Solar	29.67	27.41	-2.26	-7.62
Avaada Sunrays Energy Private Limited	Solar	69.76	68.01	-1.75	-2.51
Avaada RJHN Private Limited	Solar	45.93	46.24	0.31	0.68
Avaada Sunce Energy Private Limited	Solar	68.06	67.27	-0.79	-1.16
Avaada Sustainable RJ Project Private Ltd.	Solar	60.16	59.22	-0.94	-1.56
Ayana Renewable Three	Solar	23.33	22.12	-1.21	-5.20
Ayana Renewable Three Infirm	Solar	24.50	22.49	-2.01	-8.22
Ayana Renewable Power One Private Limited	Solar	60.00	61.20	1.20	2.00
Azure Power Forty One Private Limited	Solar	60.09	61.66	1.57	2.61
Azure Power Forty Three Private Ltd	Solar	119.86	118.54	-1.32	-1.10
Azure Power India Pvt Ltd	Solar	36.33	36.28	-0.05	-0.15
Azure Power Maple Pvt Ltd	Solar	64.77	63.71	-1.06	-1.63
Azure Power Thirty Four Private Ltd	Solar	25.99	26.14	0.15	0.57
Clean Solar Power (Jodhpur) Pvt Ltd	Solar	40.46	40.02	-0.44	-1.10
Clean Solar Power (Bhadla) Pvt Ltd	Solar	65.35	66.32	0.97	1.49
Eden Renewable Cite Private Limited	Solar	65.67	65.73	0.06	0.09
GRIAN ENERGY	Solar	25.24	23.39	-1.85	-7.34
M/S Adani Solar Energy Jodhpur Two Ltd	Solar	11.99	11.31	-0.68	-5.64
MEGA SOILS RENEWABLE PRIVATE LIMITED	Solar	52.02	52.67	0.65	1.24
Mega Surya Urja Pvt. Ltd	Solar	51.06	50.96	-0.10	-0.20
M/S. ONEVOLT Energy Private Limited	Solar	25.21	22.51	-2.70	-10.72
Nindan Solar Fatehgar	Solar	64.44	61.89	-2.55	-3.96
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Solar	63.83	61.95	-1.88	-2.94
Renew Solar Power Pvt Ltd	Solar	11.19	11.24	0.05	0.47
Renew Solar Power Pvt Ltd. Bikaner	Solar	49.61	48.50	-1.11	-2.23
Renew Solar Urja Pvt Ltd	Solar	61.45	60.72	-0.73	-1.19
Renew Sun Bright Pvt Ltd	Solar	63.20	61.13	-2.07	-3.27

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of July 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Renew Sun Waves Private Limited	Solar	63.83	62.78	-1.05	-1.65
Renew Surya Pratap	Solar	44.41	42.26	-2.15	-4.83
Renew Surya Ravi Pvt Ltd	Solar	58.78	58.99	0.21	0.35
Rising Sun Energy	Solar	41.92	40.99	-0.93	-2.22
SERENTICA Renewables	Solar	44.41	42.67	-1.74	-3.92
Renew Surya Roshni	Solar	76.22	76.76	0.54	0.71
Renew Surya Vihaan	Solar	19.92	20.20	0.28	1.39
Renew Surya Ayaan	Solar	60.97	59.41	-1.56	-2.55
Tata Power Green Energy Limited	Solar	43.53	42.43	-1.10	-2.52
Tata Power Renewable Energy Ltd	Solar	62.91	60.46	-2.45	-3.90
TESEPL	Solar	12.22	10.99	-1.23	-10.04
Tata Power Saurya 1	Solar	60.35	61.49	1.14	1.89
TPSL Banderwala	Solar	44.44	42.10	-2.34	-5.28
TPSL BKN2 INF	Solar	22.12	20.73	-1.39	-6.27
Thar Surya1 Private Limited	Solar	20.81	20.13	-0.68	-3.28
Transition Energy	Solar	22.11	20.09	-2.02	-9.13
Transition Green Energy	Solar	24.74	23.31	-1.43	-5.78
Western Region					
Beempow Energy	Solar	49.87	45.82	-4.05	-8.12
Arinsun Solar (Barsaitadesh)	Solar	36.93	35.00	-1.93	-5.23
Mahindra Solar (Badwar)	Solar	37.04	34.56	-2.48	-6.70
AVAADA_AGAR_RUM	Solar	29.79	26.32	-3.47	-11.65
Athena_RUM	Solar	37.23	36.32	-0.91	-2.44
Masaya BWSPRA_KNDW	Solar	32.76	29.41	-3.35	-10.23
Sherisha Raipur	Solar	5.87	4.72	-1.15	-19.59
Solapur Solar	Solar	1.22	1.23	0.01	0.82
AREH4L_PSS1	Solar	189.22	176.89	-12.33	-6.52
Electro Solaire Private Limited (ESPL RSP Solar)	Solar	32.62	33.45	0.83	2.54
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Solar	17.41	16.73	-0.68	-3.91

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of July 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Solar	17.72	17.73	0.01	0.06
Powerica Wind	Solar	17.80	17.34	-0.46	-2.58
NTPC Kawas	Solar	67.77	60.38	-7.39	-10.90
Gandhar_Solar	Solar	6.34	4.95	-1.39	-21.92
GSECL RSP	Solar	2.16	1.83	-0.33	-15.28
RPL_SECI-III	Solar	1.57	1.76	0.19	12.10
AGE25BL_PSS2_KPS1_SI	Solar	105.73	107.72	1.99	1.88
AGE24AL	Solar	48.00	47.57	-0.43	-0.90
Alfanar	Wind	86.05	75.34	-10.71	-12.45
AWEK1L WIND (RATADIYA)	Wind	165.51	141.96	-23.55	-14.23
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Wind	114.38	98.91	-15.47	-13.53
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Wind	99.11	92.72	-6.39	-6.45
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Wind	73.79	63.98	-9.81	-13.29
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Wind	79.66	68.74	-10.92	-13.71
GSECL_PH2	Wind	6.82	9.67	2.85	41.79
Ostro Kutch Wind Private Limted (OKWPL)	Wind	86.01	74.47	-11.54	-13.42
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Wind	85.17	79.76	-5.41	-6.35
Avikiran Solar India Private Limited (ASIPL), Baranda	Wind	53.73	50.32	-3.41	-6.35
Apraava Khkrda Jam	Wind	87.64	85.80	-1.84	-2.10
Netra Kotda	Wind	50.77	44.42	-6.35	-12.51
Torrent Sidpur Jam	Wind	45.67	44.50	-1.17	-2.56
TP SAURYA UNIT-2	Wind	0.00	3.61	3.61	
SITAC	Wind	99.05	93.11	-5.94	-6.00
SRIJAN	Wind	40.87	36.18	-4.69	-11.48
NVWEPL_DAYAPAR_BHJ_W	Wind	93.77	78.78	-14.99	-15.99
SGEL RSP	Wind	13.78	13.25	-0.53	-3.85
TPSOURY KWAI	Wind	7.07	9.16	2.09	29.56

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of July 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Southern Region					
Beetam(Tuticorin)	Wind	115.39	117.46	2.07	1.79
GRTJIPL	Solar	26.71	26.49	-0.22	-0.82
Mytra	Wind	115.05	115.56	0.51	0.44
Orange	Wind	100.36	103.34	2.98	2.97
Green Infra	Wind	127.04	131.65	4.61	3.63
Hiriyur Ostro	Wind	157.56	163.03	5.47	3.47
Sprng Renewable Energy Pvt Ltd(Pugalur)	Wind	156.16	116.53	-39.63	-25.38
JSW Renew Energy Two Limited (Tuticorin)	Wind	120.24	118.46	-1.78	-1.48
JSW Renew Energy Two Limited (Tuticorin)_infirm	Wind	2.67	2.07	-0.60	-22.47
JSW Savlaperi	Wind	76.09	77.45	1.36	1.79
JSW Savlaperi infirm	Wind	4.29	4.58	0.29	6.76
Ettayapuram NTPC	Solar	45.86	42.38	-3.48	-7.59
ARPSPL KOPPAL	Wind	153.27	155.21	1.94	1.27
RSOPL KOPPAL	Wind	148.87	142.70	-6.17	-4.14
RSOPL KOPPAL infirm	Wind	13.03	12.72	-0.31	-2.38
RSRPL KOPPAL	Wind	136.75	135.97	-0.78	-0.57
Serentica_koppal	Wind	17.48	16.98	-0.50	-2.86
Ramagundam Floating Solar	Solar	12.2	11.39	-0.81	-6.64
Simhadri Floating Solar	Solar	2.26	2.67	0.41	18.14

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 July 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of July 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	0.68	0.68	0.68	100.00
Delhi	0.00	476.12	0.00	0.00	60.15	60.15	536.27	11.22
Haryana	3046.91	0.00	0.00	0.00	175.86	175.86	3222.77	5.46
HP	0.00	0.00	0.00	6319.60	383.75	6703.35	6703.35	100.00
J & K	0.00	0.00	0.00	2210.97	54.38	2265.35	2265.35	100.00
Ladakh	0.00	0.00	0.00	64.75	0.00	64.75	64.75	100.00
Punjab	3388.65	0.00	0.00	557.94	278.85	836.79	4225.44	19.80
Rajasthan	5402.19	72.18	637.49	19.83	4954.88	5612.20	11086.57	50.62
Uttar Pradesh	14708.75	54.06	309.20	75.98	387.31	772.49	15535.30	4.97
Uttarakhand	0.00	110.03	0.00	2105.99	77.81	2183.80	2293.83	95.20
Northern Region Total	26546.50	712.39	946.69	11355.06	6373.67	18675.42	45934.31	40.66
WESTERN REGION								
Chhattisgarh	13404.40	0.00	0.00	21.28	234.95	256.23	13660.63	1.88
Gujarat	7295.29	540.40	931.82	308.08	4078.10	5318.00	13153.69	40.43
Madhya Pradesh	11069.46	0.00	0.00	407.67	957.06	1364.73	12434.19	10.98
Maharashtra	9899.48	568.35	804.85	329.46	2146.89	3281.20	13749.03	23.86
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.35	1.35	1.35	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	41668.63	1108.75	1736.67	1066.49	7423.80	10226.96	53004.34	19.29
SOUTHERN REGION								
Andhra Pradesh	5128.43	0.00	0.00	222.63	1687.38	1910.01	7038.44	27.14

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of July 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	4080.64	0.00	0.00	235.86	503.18	739.04	4819.68	15.33
Karnataka	3462.49	0.00	675.55	1152.68	4204.00	6032.23	9494.72	63.53
Kerala	0.00	0.00	0.00	778.90	261.43	1040.33	1040.33	100.00
Tamil Nadu	5996.84	137.39	1440.93	523.68	5109.39	7074.00	13208.23	53.56
Lakshadweep	5.32	0.00	0.00	0.00	0.01	0.01	5.33	0.14
Puducherry	0.00	17.43	0.00	0.00	1.02	1.02	18.45	5.53
Southern Region Total	18673.72	154.82	2116.48	2913.75	11766.41	16796.64	35625.18	47.15
EASTERN REGION								
Andaman Nicobar	29.84	0.00	0.00	0.00	3.60	3.60	33.44	10.77
Bihar	4828.55	0.00	0.00	0.00	32.14	32.14	4860.69	0.66
Jharkhand	3494.94	0.00	0.00	10.26	1.47	11.73	3506.67	0.33
Odisha	5316.29	0.00	0.00	507.89	100.15	608.04	5924.33	10.26
Sikkim	0.00	0.00	0.00	349.59	1.03	350.62	350.62	100.00
West Bengal	7738.40	0.00	0.00	290.70	160.52	451.22	8189.62	5.51
Eastern Region Total	21408.02	0.00	0.00	1158.44	298.92	1457.36	22865.38	6.37
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	603.44	0.11	603.55	603.55	100.00
Assam	445.98	278.98	0.00	129.52	58.63	188.15	913.11	20.61
Manipur	0.00	0.00	0.00	78.16	0.71	78.87	78.87	100.00
Meghalaya	0.00	0.00	0.00	165.35	25.13	190.48	190.48	100.00
Mizoram	0.00	0.00	0.00	40.50	8.35	48.85	48.85	100.00
Nagaland	0.00	0.00	0.00	52.20	11.74	63.94	63.94	100.00
Tripura	0.00	408.63	0.00	0.00	0.50	0.50	409.13	0.12
North Eastern Region Total	445.98	687.61	0.00	1069.17	105.17	1174.34	2307.93	50.88
All India Total	108742.85	2663.57	4799.84	17562.91	25967.96	48330.71	159737.13	30.26

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

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – July 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	3.62	3.62	3.62	100.00
Delhi	0.00	2279.62	0.00	0.00	258.81	258.81	2538.43	10.20
Haryana	11238.62	215.37	0.00	0.00	703.44	703.44	12157.43	5.79
HP	0.00	0.00	0.00	18776.43	1227.97	20004.40	20004.40	100.00
J & K	0.00	0.00	0.00	7865.35	210.24	8075.59	8075.59	100.00
Ladakh	0.00	0.00	0.00	179.59	0.00	179.59	179.59	100.00
Punjab	12868.80	0.00	0.00	1691.40	1144.30	2835.70	15704.50	18.06
Rajasthan	22404.64	445.00	2347.36	44.01	20032.28	22423.65	45273.29	49.53
Uttar Pradesh	58412.32	863.32	1224.07	178.84	2064.48	3467.39	62743.03	5.53
Uttarakhand	0.00	818.49	0.00	5321.04	311.24	5632.28	6450.77	87.31
Northern Region Total	104924.38	4621.80	3571.43	34056.66	25956.37	63584.46	173130.64	36.73
WESTERN REGION								
Chhattisgarh	57649.82	0.00	0.00	74.94	981.95	1056.89	58706.71	1.80
Gujarat	32093.29	5666.65	3796.57	1188.55	16677.86	21662.98	59422.92	36.46
Madhya Pradesh	50733.84	0.00	0.00	1805.89	4165.15	5971.04	56704.88	10.53
Maharashtra	45617.44	2313.92	3164.29	1983.29	6657.01	11804.59	59735.95	19.76
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	9.07	9.07	9.07	100.00
Goa	0.00	0.00	0.00	0.00	21.75	21.75	21.75	100.00
Western Region Total	186094.39	7980.57	6960.86	5052.67	28512.79	40526.32	234601.28	17.27
SOUTHERN REGION								
Andhra Pradesh	24986.54	30.97	0.00	563.80	6046.55	6610.35	31627.86	20.90
Telangana	19528.02	0.00	0.00	244.86	2529.34	2774.20	22302.22	12.44
Karnataka	15684.70	0.00	2613.65	2846.96	11680.88	17141.49	32826.19	52.22
Kerala	1.53	0.00	0.00	2502.81	915.26	3418.07	3419.60	99.96

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – July 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	26248.83	593.70	4762.17	969.71	13042.54	18774.42	45616.95	41.16
Lakshadweep	23.46	0.00	0.00	0.00	0.03	0.03	23.49	0.13
Puducherry	0.00	69.96	0.00	0.00	4.08	4.08	74.04	5.51
Southern Region Total	86473.08	694.63	7375.82	7128.14	34218.68	48722.64	135890.35	35.85
EASTERN REGION								
Andaman Nicobar	127.41	0.00	0.00	0.00	12.50	12.50	139.91	8.94
Bihar	21002.59	0.00	0.00	0.00	111.81	111.81	21114.40	0.53
Jharkhand	13957.86	0.00	0.00	39.55	5.88	45.43	14003.29	0.32
Odisha	21791.03	0.00	0.00	1688.74	409.36	2098.10	23889.13	8.78
Sikkim	0.00	0.00	0.00	740.03	4.12	744.15	744.15	100.00
West Bengal	31572.23	0.00	0.00	874.53	625.69	1500.22	33072.45	4.54
Eastern Region Total	88451.12	0.00	0.00	3342.85	1169.36	4512.21	92963.33	4.85
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	1693.25	0.51	1693.76	1693.76	100.00
Assam	1720.44	1170.60	0.00	389.63	192.92	582.55	3473.59	16.77
Manipur	0.00	0.00	0.00	197.13	2.86	199.99	199.99	100.00
Meghalaya	0.00	0.00	0.00	430.37	46.85	477.22	477.22	100.00
Mizoram	0.00	0.00	0.00	70.59	33.39	103.98	103.98	100.00
Nagaland	0.00	0.00	0.00	79.87	21.45	101.32	101.32	100.00
Tripura	0.00	1692.48	0.00	0.00	1.98	1.98	1694.46	0.12
North Eastern Region Total	1720.44	2863.08	0.00	2860.84	299.94	3160.78	7744.30	40.81
All India Total	467663.41	16160.08	17908.11	52441.16	90157.15	160506.42	644329.91	24.91

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

Renewable Energy (State Wise) Generation(MU) for the Month of July 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	0.68	0.68	0.68	100.00
Delhi	0.00	476.12	0.00	0.00	60.15	60.15	536.27	11.22
Haryana	3046.91	0.00	0.00	0.00	175.86	175.86	3222.77	5.46
HP	0.00	0.00	0.00	6319.60	383.75	6703.35	6703.35	100.00
J & K	0.00	0.00	0.00	2210.97	54.38	2265.35	2265.35	100.00
Ladakh	0.00	0.00	0.00	64.75	0.00	64.75	64.75	100.00
Punjab	3388.65	0.00	0.00	557.94	278.85	836.79	4225.44	19.80
Rajasthan	5402.19	72.18	637.49	19.83	4954.88	4974.71	11086.57	44.87
Uttar Pradesh	14708.75	54.06	309.20	75.98	387.31	463.29	15535.30	2.98
Uttarakhand	0.00	110.03	0.00	2105.99	77.81	2183.80	2293.83	95.20
Northern Region Total	26546.50	712.39	946.69	11355.06	6373.67	17728.73	45934.31	38.60
WESTERN REGION								
Chhattisgarh	13404.40	0.00	0.00	21.28	234.95	256.23	13660.63	1.88
Gujarat	7295.29	540.40	931.82	308.08	4078.10	4386.18	13153.69	33.35
Madhya Pradesh	11069.46	0.00	0.00	407.67	957.06	1364.73	12434.19	10.98
Maharashtra	9899.48	568.35	804.85	329.46	2146.89	2476.35	13749.03	18.01
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.35	1.35	1.35	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	41668.63	1108.75	1736.67	1066.49	7423.80	8490.29	53004.34	16.02
SOUTHERN REGION								
Andhra Pradesh	5128.43	0.00	0.00	222.63	1687.38	1910.01	7038.44	27.14
Telangana	4080.64	0.00	0.00	235.86	503.18	739.04	4819.68	15.33
Karnataka	3462.49	0.00	675.55	1152.68	4204.00	5356.68	9494.72	56.42

Renewable Energy (State Wise) Generation(MU) for the Month of July 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	778.90	261.43	1040.33	1040.33	100.00
Tamil Nadu	5996.84	137.39	1440.93	523.68	5109.39	5633.07	13208.23	42.65
Lakshadweep	5.32	0.00	0.00	0.00	0.01	0.01	5.33	0.14
Puducherry	0.00	17.43	0.00	0.00	1.02	1.02	18.45	5.53
Southern Region Total	18673.72	154.82	2116.48	2913.75	11766.41	14680.16	35625.18	41.21
EASTERN REGION								
Andaman Nicobar	29.84	0.00	0.00	0.00	3.60	3.60	33.44	10.77
Bihar	4828.55	0.00	0.00	0.00	32.14	32.14	4860.69	0.66
Jharkhand	3494.94	0.00	0.00	10.26	1.47	11.73	3506.67	0.33
Odisha	5316.29	0.00	0.00	507.89	100.15	608.04	5924.33	10.26
Sikkim	0.00	0.00	0.00	349.59	1.03	350.62	350.62	100.00
West Bengal	7738.40	0.00	0.00	290.70	160.52	451.22	8189.62	5.51
Eastern Region Total	21408.02	0.00	0.00	1158.44	298.92	1457.36	22865.38	6.37
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	603.44	0.11	603.55	603.55	100.00
Assam	445.98	278.98	0.00	129.52	58.63	188.15	913.11	20.61
Manipur	0.00	0.00	0.00	78.16	0.71	78.87	78.87	100.00
Meghalaya	0.00	0.00	0.00	165.35	25.13	190.48	190.48	100.00
Mizoram	0.00	0.00	0.00	40.50	8.35	48.85	48.85	100.00
Nagaland	0.00	0.00	0.00	52.20	11.74	63.94	63.94	100.00
Tripura	0.00	408.63	0.00	0.00	0.50	0.50	409.13	0.12
North Eastern Region Total	445.98	687.61	0.00	1069.17	105.17	1174.34	2307.93	50.88
All India Total	108742.85	2663.57	4799.84	17562.91	25967.96	43530.87	159737.13	27.25

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

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- July 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	3.62	3.62	3.62	100.00
Delhi	0.00	2279.62	0.00	0.00	258.81	258.81	2538.43	10.20
Haryana	11238.62	215.37	0.00	0.00	703.44	703.44	12157.43	5.79
HP	0.00	0.00	0.00	18776.43	1227.97	20004.40	20004.40	100.00
J & K	0.00	0.00	0.00	7865.35	210.24	8075.59	8075.59	100.00
Ladakh	0.00	0.00	0.00	179.59	0.00	179.59	179.59	100.00
Punjab	12868.80	0.00	0.00	1691.40	1144.30	2835.70	15704.50	18.06
Rajasthan	22404.64	445.00	2347.36	44.01	20032.28	20076.29	45273.29	44.34
Uttar Pradesh	58412.32	863.32	1224.07	178.84	2064.48	2243.32	62743.03	3.58
Uttarakhand	0.00	818.49	0.00	5321.04	311.24	5632.28	6450.77	87.31
Northern Region Total	104924.38	4621.80	3571.43	34056.66	25956.37	60013.03	173130.64	34.66
WESTERN REGION								
Chhattisgarh	57649.82	0.00	0.00	74.94	981.95	1056.89	58706.71	1.80
Gujarat	32093.29	5666.65	3796.57	1188.55	16677.86	17866.41	59422.92	30.07
Madhya Pradesh	50733.84	0.00	0.00	1805.89	4165.15	5971.04	56704.88	10.53
Maharashtra	45617.44	2313.92	3164.29	1983.29	6657.01	8640.30	59735.95	14.46
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	9.07	9.07	9.07	100.00
Goa	0.00	0.00	0.00	0.00	21.75	21.75	21.75	100.00
Western Region Total	186094.39	7980.57	6960.86	5052.67	28512.79	33565.46	234601.28	14.31
SOUTHERN REGION								
Andhra Pradesh	24986.54	30.97	0.00	563.80	6046.55	6610.35	31627.86	20.90
Telangana	19528.02	0.00	0.00	244.86	2529.34	2774.20	22302.22	12.44
Karnataka	15684.70	0.00	2613.65	2846.96	11680.88	14527.84	32826.19	44.26

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- July 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	2502.81	915.26	3418.07	3419.60	99.96
Tamil Nadu	26248.83	593.70	4762.17	969.71	13042.54	14012.25	45616.95	30.72
Lakshadweep	23.46	0.00	0.00	0.00	0.03	0.03	23.49	0.13
Puducherry	0.00	69.96	0.00	0.00	4.08	4.08	74.04	5.51
Southern Region Total	86473.08	694.63	7375.82	7128.14	34218.68	41346.82	135890.35	30.43
EASTERN REGION								
Andaman Nicobar	127.41	0.00	0.00	0.00	12.50	12.50	139.91	8.94
Bihar	21002.59	0.00	0.00	0.00	111.81	111.81	21114.40	0.53
Jharkhand	13957.86	0.00	0.00	39.55	5.88	45.43	14003.29	0.32
Odisha	21791.03	0.00	0.00	1688.74	409.36	2098.10	23889.13	8.78
Sikkim	0.00	0.00	0.00	740.03	4.12	744.15	744.15	100.00
West Bengal	31572.23	0.00	0.00	874.53	625.69	1500.22	33072.45	4.54
Eastern Region Total	88451.12	0.00	0.00	3342.85	1169.36	4512.21	92963.33	4.85
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	1693.25	0.51	1693.76	1693.76	100.00
Assam	1720.44	1170.60	0.00	389.63	192.92	582.55	3473.59	16.77
Manipur	0.00	0.00	0.00	197.13	2.86	199.99	199.99	100.00
Meghalaya	0.00	0.00	0.00	430.37	46.85	477.22	477.22	100.00
Mizoram	0.00	0.00	0.00	70.59	33.39	103.98	103.98	100.00
Nagaland	0.00	0.00	0.00	79.87	21.45	101.32	101.32	100.00
Tripura	0.00	1692.48	0.00	0.00	1.98	1.98	1694.46	0.12
North Eastern Region Total	1720.44	2863.08	0.00	2860.84	299.94	3160.78	7744.30	40.81
All India Total	467663.41	16160.08	17908.11	52441.16	90157.15	142598.31	644329.91	22.13

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

RE generation(MUs) data (source wise) for the month of July-2024 and July-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23
NORTHERN REGION														
Chandigarh	0.00	0.00	0.68	0.59	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	42.94	42.54	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	7.63	5.18	0.00	0.00	0.00	0.00	376.12	379.67	0.00	0.00	6319.60	5717.14
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.38	59.90	0.00	0.00	2210.97	2220.03
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	64.75	65.71
Punjab	0.00	0.00	135.02	301.99	48.06	36.11	1.05	0.56	94.72	58.97	0.00	0.00	557.94	688.16
Rajasthan	776.82	730.09	4147.31	3152.47	30.56	23.91	0.00	0.00	0.19	0.09	0.00	0.00	19.83	78.02
Uttar Pradesh	0.00	0.00	368.01	313.04	2.22	0.34	8.61	11.26	5.76	9.53	2.71	17.89	75.98	126.55
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	2105.99	1901.51
Northern Region	776.82	730.09	4822.49	3878.21	109.67	88.75	39.29	32.54	574.33	560.51	51.06	65.39	11355.06	10797.12
WESTERN REGION														
Chhattisgarh	0.00	0.00	86.79	57.22	134.62	117.77	0.00	0.00	13.54	13.10	0.00	0.00	21.28	23.26
Gujarat	2878.04	2118.65	1185.52	779.54	1.58	0.00	0.00	0.00	12.97	7.76	0.00	0.00	308.08	441.47
Madhya Pradesh	529.59	415.43	390.04	253.98	0.00	7.47	0.00	0.00	32.05	40.08	5.38	1.52	407.67	784.29
Maharashtra	1649.28	1587.67	400.70	329.26	18.01	22.79	13.27	8.15	57.12	203.98	8.51	0.04	329.46	304.91
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	0.70	0.65	0.66	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RE generation(MUs) data (source wise) for the month of July-2024 and July-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23
Western Region	5056.91	4121.76	2068.50	1426.94	154.87	149.19	13.27	8.15	115.68	264.93	14.57	2.26	1066.49	1553.93
SOUTHERN REGION														
Andhra Pradesh	1078.07	1843.66	580.95	538.30	1.24	1.71	1.67	1.34	0.60	11.87	24.85	28.05	222.63	125.50
Telangana	58.04	54.96	416.78	417.62	1.65	0.96	0.00	0.00	4.70	2.40	22.02	13.05	235.86	127.82
Karnataka	2849.14	2009.22	1006.30	1017.41	0.93	4.35	41.65	34.01	305.98	188.28	0.00	0.00	1152.68	760.42
Kerala	21.01	23.04	95.70	74.13	0.00	0.00	0.00	6.14	136.91	109.48	7.81	0.00	778.90	426.65
Tamil Nadu	3787.00	3666.70	1241.93	973.37	8.59	8.85	36.47	38.31	35.38	11.24	0.00	0.00	523.68	363.26
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	7793.27	7597.58	3342.69	3021.86	12.41	15.86	79.80	79.79	483.56	323.27	54.68	41.11	2913.75	1803.65
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.82	1.62	0.00	0.00	0.00	0.00	1.78	1.23	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	28.72	17.59	0.00	0.00	0.00	0.24	3.42	1.13	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	0.00	0.00	0.00	0.00	10.26	5.76
Odisha	0.00	0.00	45.00	50.24	7.17	7.86	0.00	0.00	47.97	48.97	0.00	0.00	507.89	698.01
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	349.59	1782.97
West Bengal	0.00	0.00	18.11	10.34	0.00	0.00	0.00	0.00	17.60	18.65	124.81	123.51	290.70	371.15
Eastern Region	0.00	0.00	95.12	81.26	7.17	7.86	0.00	0.24	71.81	71.01	124.81	123.51	1158.44	2857.89

RE generation(MUs) data (source wise) for the month of July-2024 and July-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23	July'24	July'23
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.06	0.19	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.00	603.44	696.72
Assam	0.00	0.00	25.91	25.54	0.00	0.00	0.00	0.00	32.72	5.26	0.00	0.01	129.52	36.64
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	78.16	13.14
Megh alaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.13	7.03	0.00	0.00	165.35	126.39
Mizoram	0.00	0.00	0.35	0.27	0.00	0.00	0.00	0.00	7.99	7.99	0.00	0.00	40.50	6.59
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.74	8.99	0.00	0.00	52.20	32.41
Tripura	0.00	0.00	0.50	0.49	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	27.54	27.12	0.00	0.00	0.00	0.00	77.64	29.33	0.00	0.01	1069.17	911.89
All India Total	13627.00	12449.42	10356.35	8435.40	284.12	261.65	132.36	120.72	1323.02	1249.04	245.11	232.27	17562.91	17924.48

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

RE generation(MUs) data (source wise) for the period of April 2024 –July 2024 and April 2023 –July 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	3.62	5.52	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	68.84	68.84	0.00	0.00	0.00	0.00	0.00	0.00	189.97	160.38	0.00	0.00
Haryana	0.00	0.00	475.92	234.44	115.32	105.32	35.68	51.24	54.88	58.54	21.64	20.18	0.00	0.00
Himachal Pradesh	0.00	0.00	30.01	21.71	0.00	0.00	0.00	0.00	1197.96	1144.33	0.00	0.00	18776.43	15471.89
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210.24	227.76	0.00	0.00	7865.35	7992.11
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	179.59	150.80
Punjab	0.00	0.00	519.40	1319.12	217.62	191.44	126.94	43.97	280.34	224.40	0.00	0.00	1691.40	1668.09
Rajasthan	3047.62	3382.72	16854.96	13372.19	129.08	113.38	0.00	0.00	0.62	0.17	0.00	0.00	44.01	86.99
Uttar Pradesh	0.00	0.00	1733.38	1461.84	10.89	13.17	280.19	569.53	27.17	35.09	12.85	54.30	178.84	278.59
Uttarakhand	0.00	0.00	110.60	110.60	0.00	0.00	82.84	82.84	117.80	117.80	0.00	0.00	5321.04	5016.45
Northern Region	3047.62	3382.72	19796.73	16594.26	472.90	423.31	525.65	747.58	1889.01	1808.10	224.46	234.86	34056.66	30664.92
WESTERN REGION														
Chhattisgarh	0.00	0.00	499.90	233.94	460.06	494.51	3.35	4.55	18.65	26.78	0.00	0.00	74.94	60.90
Gujarat	10626.02	9818.58	5983.52	4262.61	6.23	0.00	0.00	0.00	62.09	58.62	0.00	0.00	1188.55	824.25
Madhya Pradesh	2058.91	2087.94	1917.76	1250.10	15.79	33.20	37.35	9.93	113.08	123.67	22.27	9.17	1805.89	1565.82
Maharashtra	3797.99	3897.61	2148.48	1871.07	95.47	104.68	393.84	334.73	188.47	352.66	32.76	0.12	1983.29	2198.70
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	5.43	5.04	3.64	4.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	19.04	20.39	0.00	0.00	0.00	0.00	0.00	0.00	2.71	2.52	0.00	0.00
Western Region	16482.92	15804.13	10574.11	7643.16	581.18	636.44	434.54	349.22	382.29	561.73	57.74	11.80	5052.67	4649.67

RE generation(MUs) data (source wise) for the period of April 2024 –July 2024 and April 2023 –July 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
SOUTHERN REGION														
Andhra Pradesh	3192.19	3988.96	2731.90	2790.89	4.88	9.29	6.30	9.24	6.15	51.52	105.13	101.51	563.80	481.55
Telangana	128.85	131.47	2305.30	2326.99	3.39	1.91	0.00	11.43	8.44	8.23	83.35	45.50	244.86	291.52
Karnataka	5945.07	4782.19	5002.64	5083.42	3.23	25.09	291.61	445.32	438.33	323.41	0.00	0.00	2846.96	3355.81
Kerala	51.11	58.59	550.01	363.79	0.00	0.00	20.53	28.18	285.79	231.49	7.82	0.01	2502.81	2108.29
Tamil Nadu	7901.03	8225.97	4916.78	3834.98	38.17	37.62	138.87	214.08	47.69	28.87	0.00	0.00	969.71	1120.36
Lakshadweep	0.00	0.00	0.03	0.03	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	4.08	4.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	17218.25	17187.17	15510.73	14404.18	49.67	73.91	457.32	708.24	786.41	643.51	196.30	147.02	7128.14	7357.53
EASTERN REGION														
Andaman Nicobar	0.00	0.00	8.65	9.14	0.00	0.00	0.00	0.00	3.85	2.01	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	106.73	66.70	0.00	0.00	1.65	35.92	3.42	1.13	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	5.88	5.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.55	22.97
Odisha	0.00	0.00	268.80	253.43	27.69	28.74	0.00	0.00	112.87	104.05	0.00	0.00	1688.74	1892.26
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.12	4.12	0.00	0.00	740.03	4658.77
West Bengal	0.00	0.00	88.45	50.09	0.00	0.00	0.00	0.00	54.59	67.79	482.66	531.63	874.53	1075.95
Eastern Region	0.00	0.00	478.52	385.25	27.69	28.74	1.65	35.92	178.84	179.09	482.66	531.63	3342.85	7649.95
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.31	0.76	0.00	0.00	0.00	0.00	0.19	0.25	0.00	0.00	1693.25	1642.55

RE generation(MUs) data (source wise) for the period of April 2024 –July 2024 and April 2023 –July 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
Assam	0.00	0.00	102.39	104.53	0.00	0.00	0.00	0.00	90.37	29.72	0.15	0.08	389.63	96.90
Manipur	0.00	0.00	2.86	2.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	197.13	29.12
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.85	18.44	0.00	0.00	430.37	291.92
Mizoram	0.00	0.00	1.41	1.06	0.00	0.00	0.00	0.00	31.98	31.98	0.00	0.00	70.59	23.19
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.45	25.04	0.00	0.00	79.87	40.63
Tripura	0.00	0.00	1.98	1.97	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	108.95	110.95	0.00	0.00	0.00	0.00	190.84	105.43	0.15	1.31	2860.84	2124.31
All India Total	36748.80	36374.02	46469.05	39137.81	1131.44	1162.39	1419.15	1840.95	3427.39	3297.86	961.32	926.61	52441.16	52446.38



This report is published by
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