



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

October -2024/ अक्टूबर -2024

नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

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Highlights of RE GENERATION

1. RE capacity addition during October 2024 has been 1757.36 MW (Solar – 1357.06 MW, Wind – 353.80 MW, Biopower- 3.75 MW, Small Hydro- 1.50 MW, Large Hydro- 40 MW Others- 1.25 MW).
2. All India RE generation during October 2024 has increased by 20.66 % as compared to October 2023.
3. Large Hydro Power generation during October 2024 as compared to October 2023 has increased by 28.61 % on All India Basis except Jammu & Kashmir.
4. Solar Power generation during October 2024 as compared to October 2023 has increased by 19.93 % on All India Basis except Andhra Pradesh, Tamil Nadu and Assam.
5. Wind Power generation during October 2024 as compared to October 2023 has decreased by 8.74 % on All India Basis.
6. Biomass Power generation during October 2024 as compared to October 2023 has increased by 26.72 % on All India Basis except Maharashtra.
7. Bagasse power generation during October 2024 as compared to October 2023 has decreased by 9.36 %.
8. Others (Waste to Energy) Power generation has increased by 7.67 % during October 2024 as compared to October 2023 on All India basis.
9. Small Hydro Power generation during October 2024 as compared to October 2023 has increased by 50.95 % on All India Basis except Uttar Pradesh.
10. The generation from ISGS stations (Solar and Wind plants) for the month of October 2024 is 5081.34 MUs which is 15.80 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of October 2024 is 768.03 MUs which is 2.38 % of the Monthly RE generation during the month.

All India RE Capacity Addition

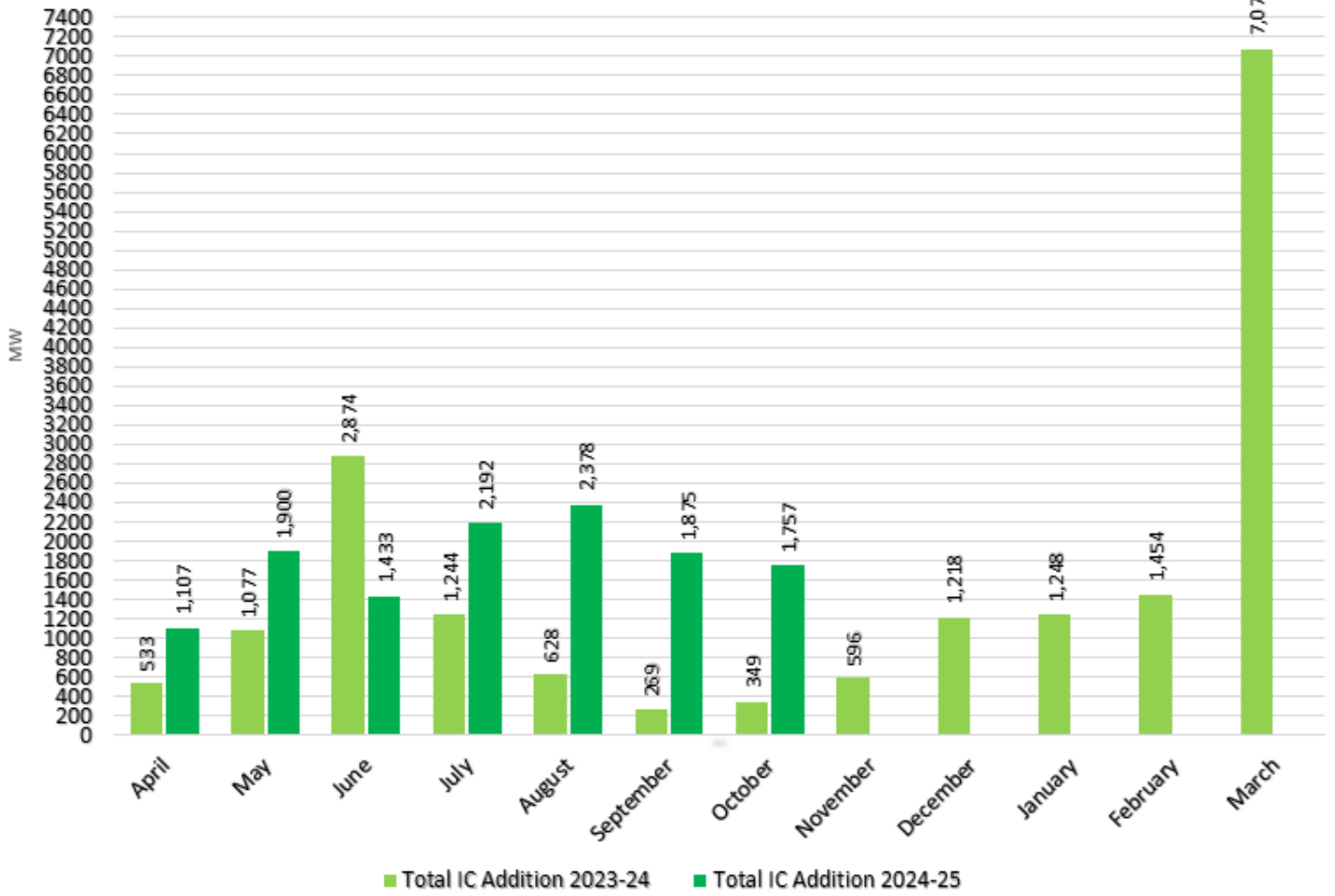


Figure 1: All India Month wise RE Capacity Addition

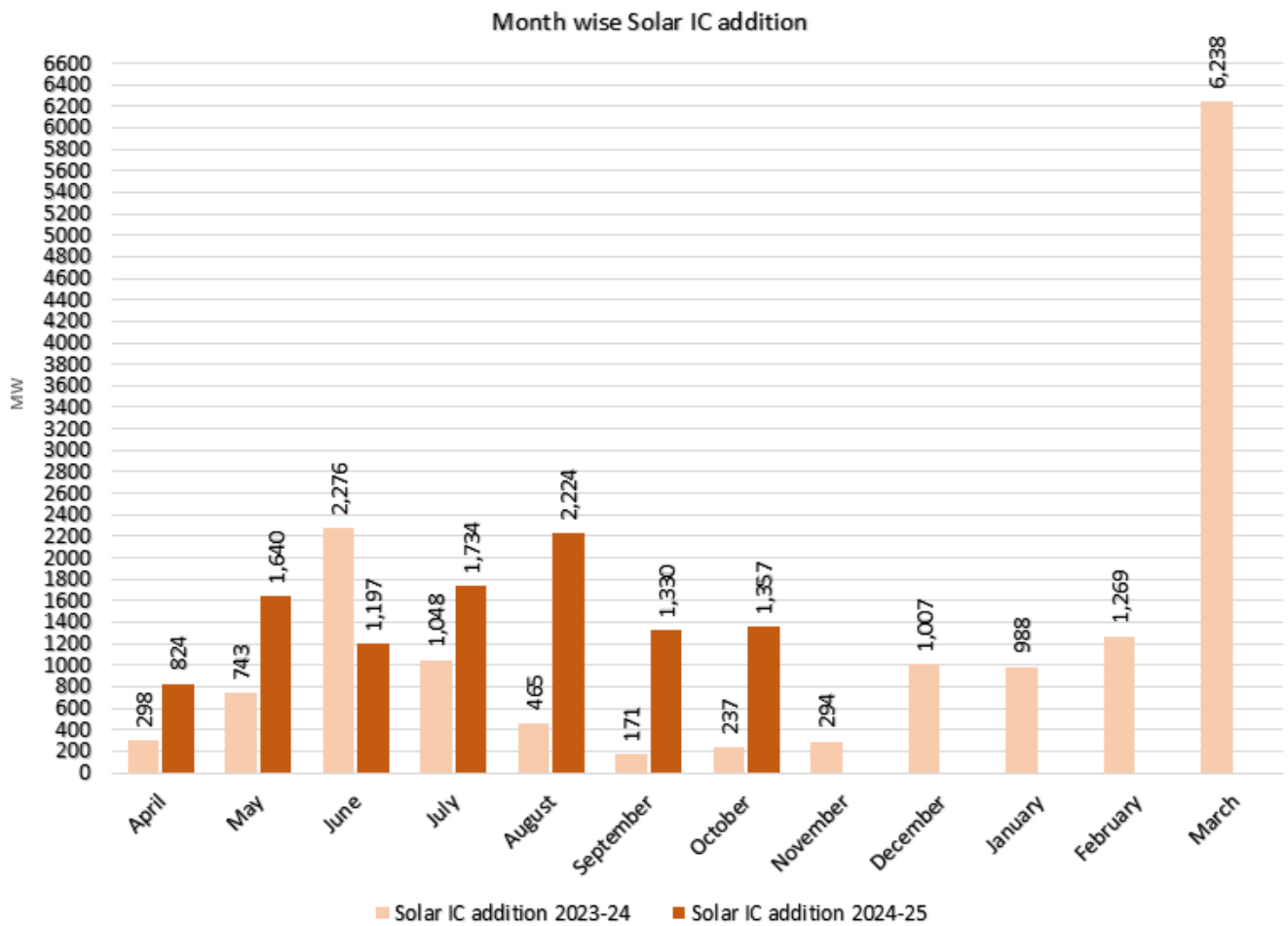


Figure 2: All India Month wise Solar Capacity Addition

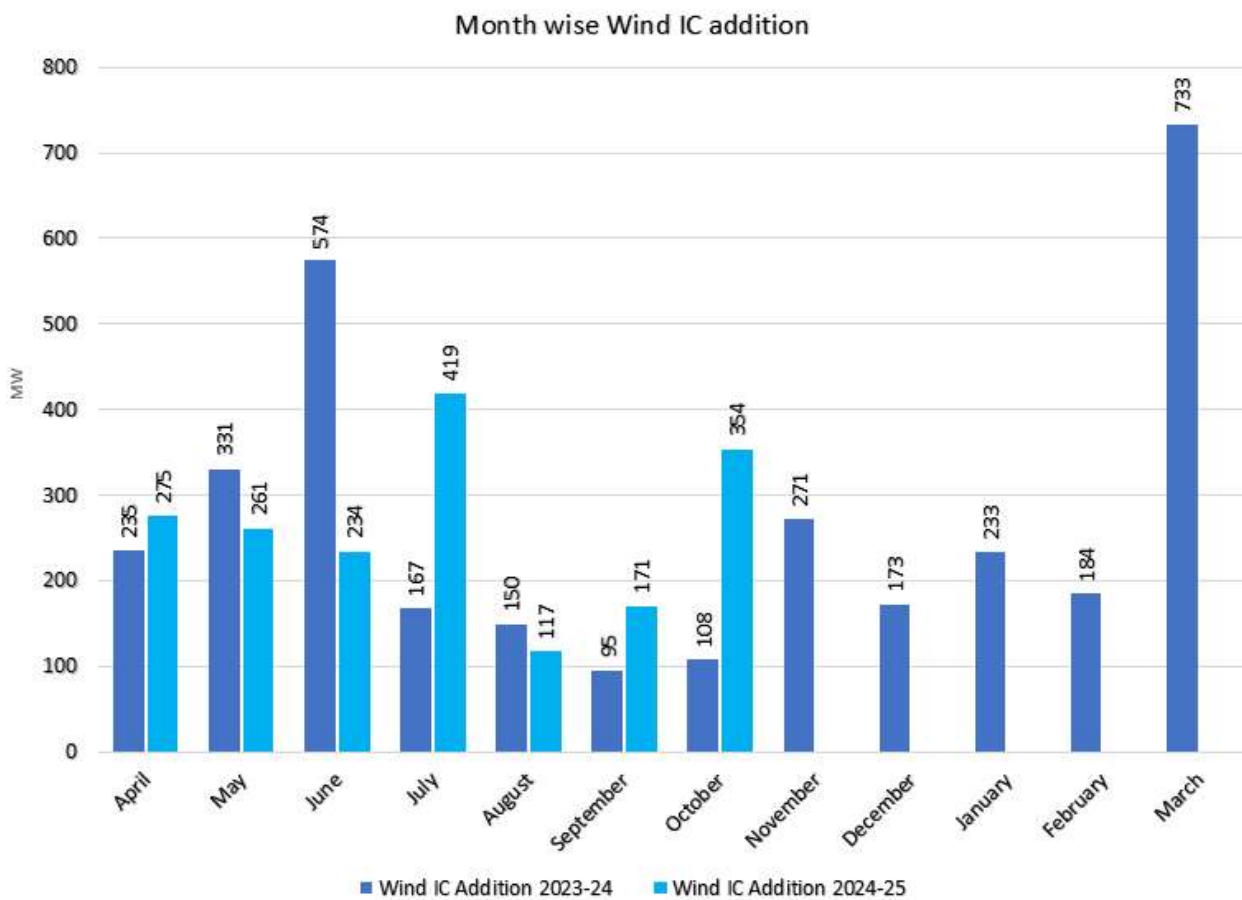


Figure 3: All India Month wise Wind Capacity Addition

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

Increased by 403.43 % as compared to October 23.

Decreased by 6.28 % as compared to September 24.

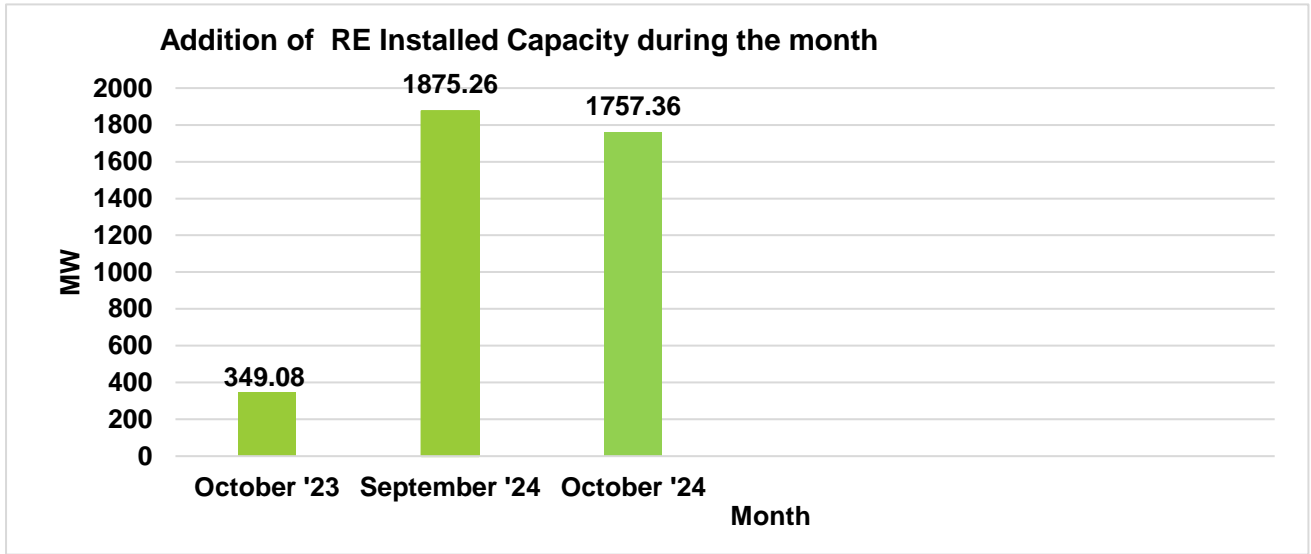


Figure 4: RE capacity added during the Month

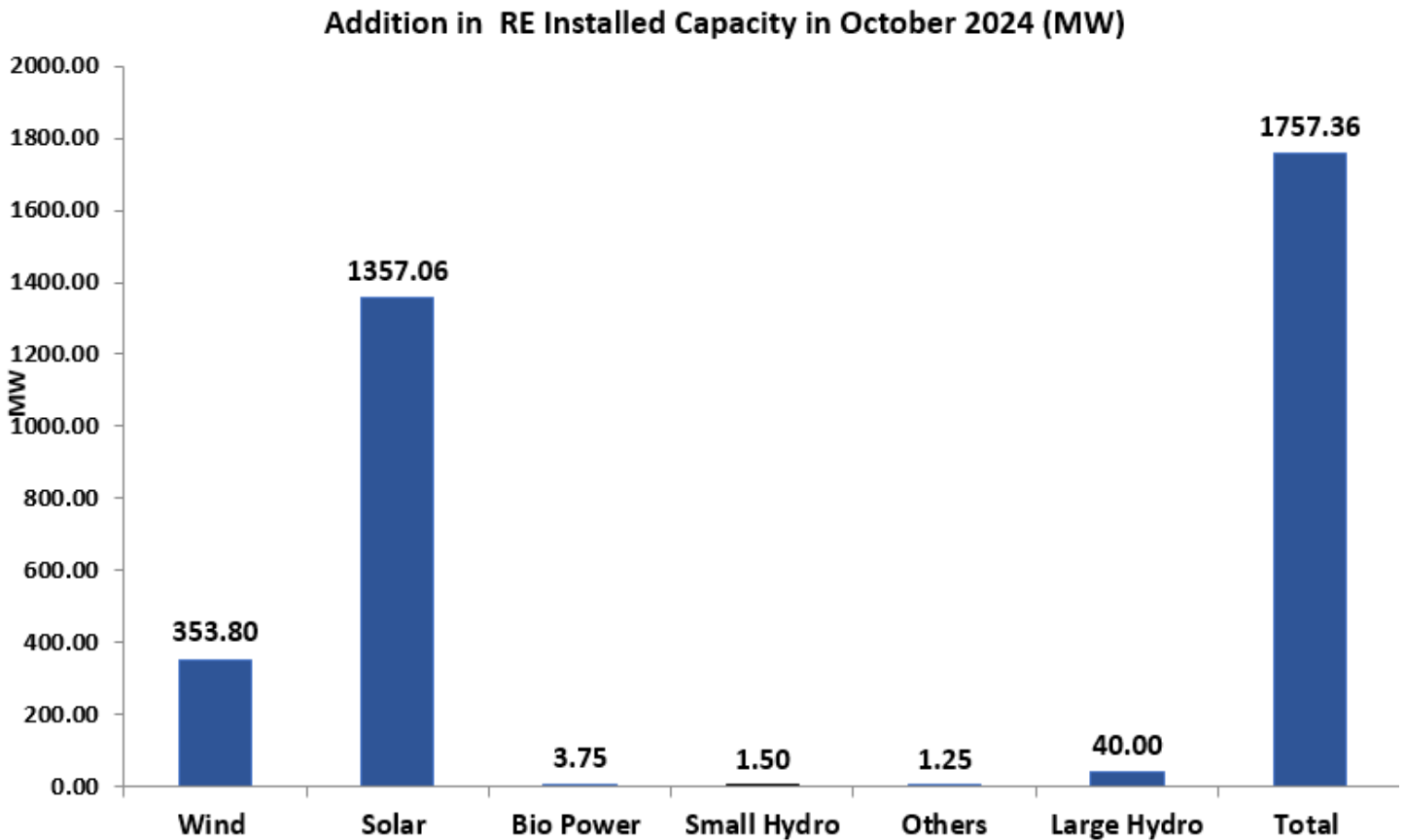


Figure 5: Source wise addition in RE Installed Capacity in October 2024

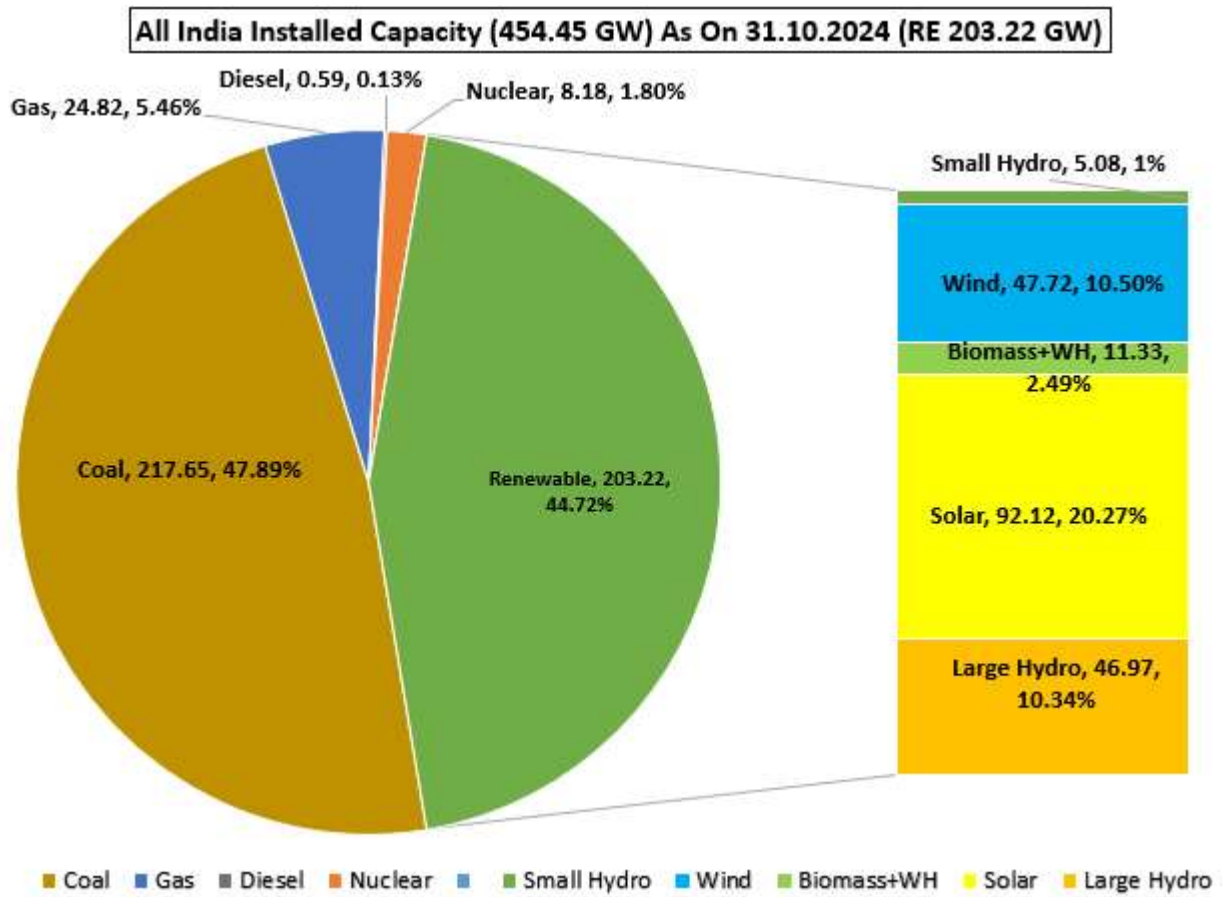


Figure 6: Installed Capacity in India as on 31.10.2024

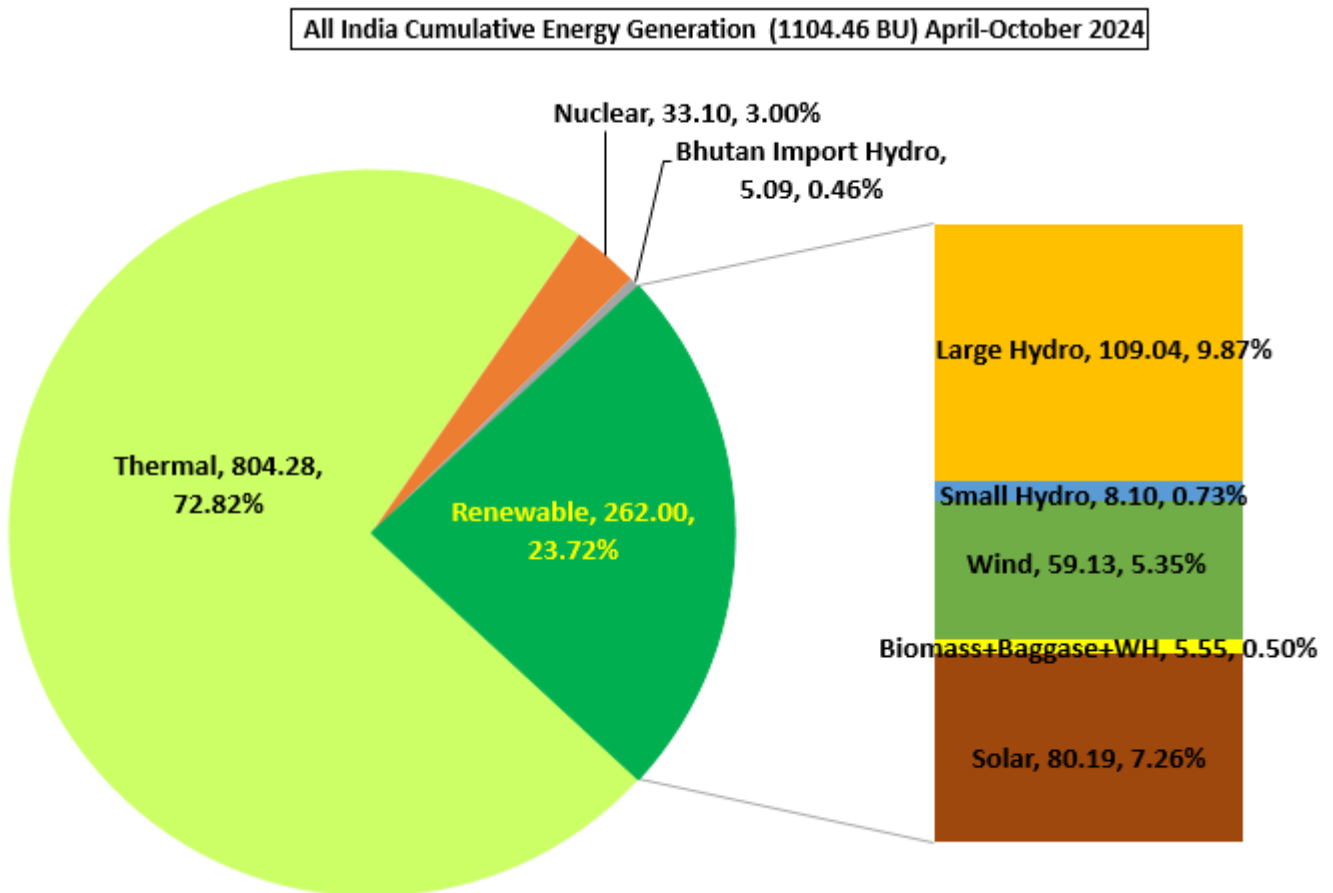


Figure 7: Cumulative Total Energy Generation in India and Share of RE for the year 2024-25

All India Monthly Energy Generation (151.87 BU) October 2024

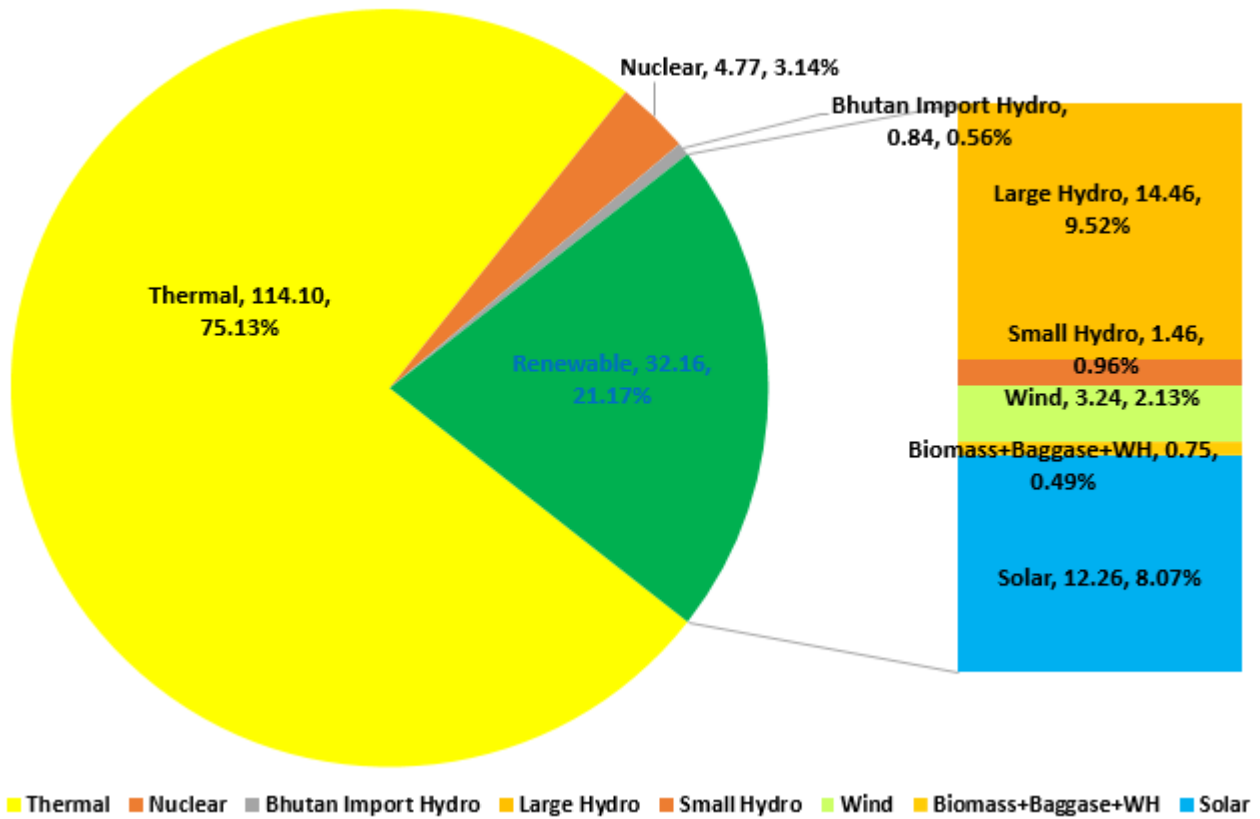


Figure 8: Total Energy Generation in India and Share of RE in the month of October 2024

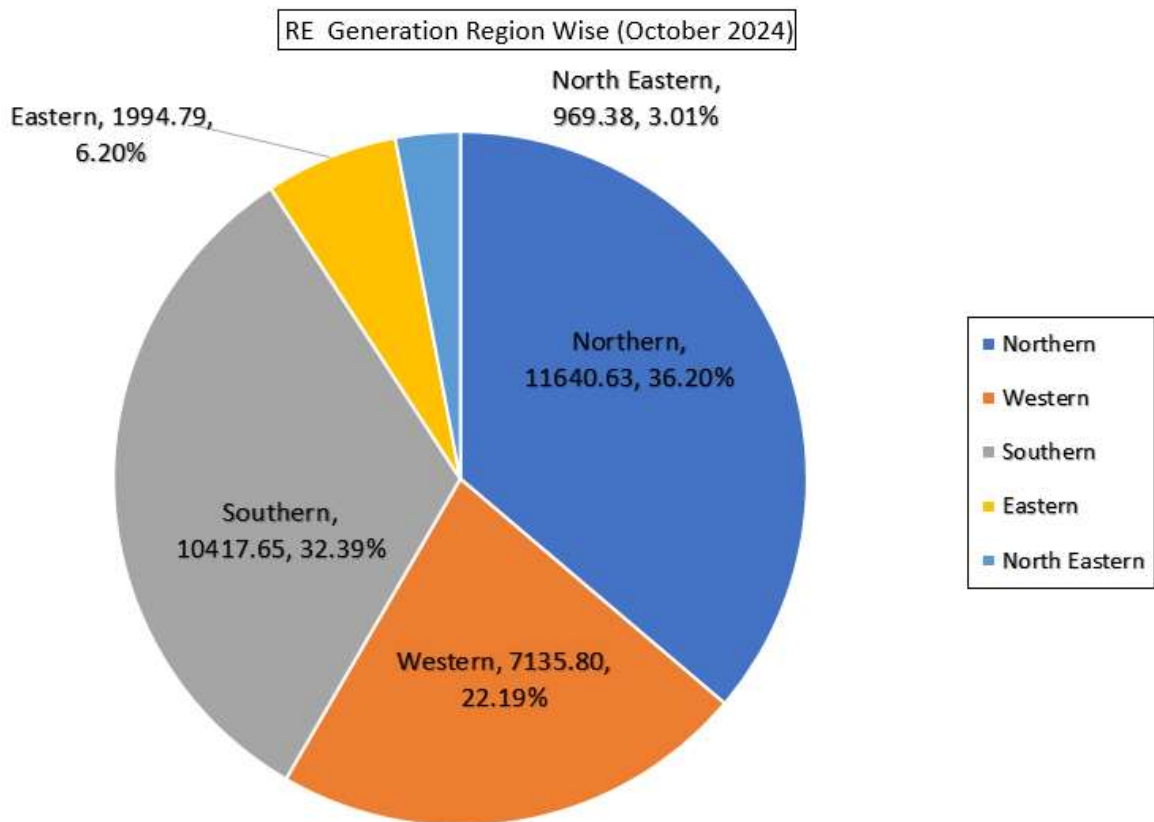


Figure 9: RE Generation Region Wise of October -2024

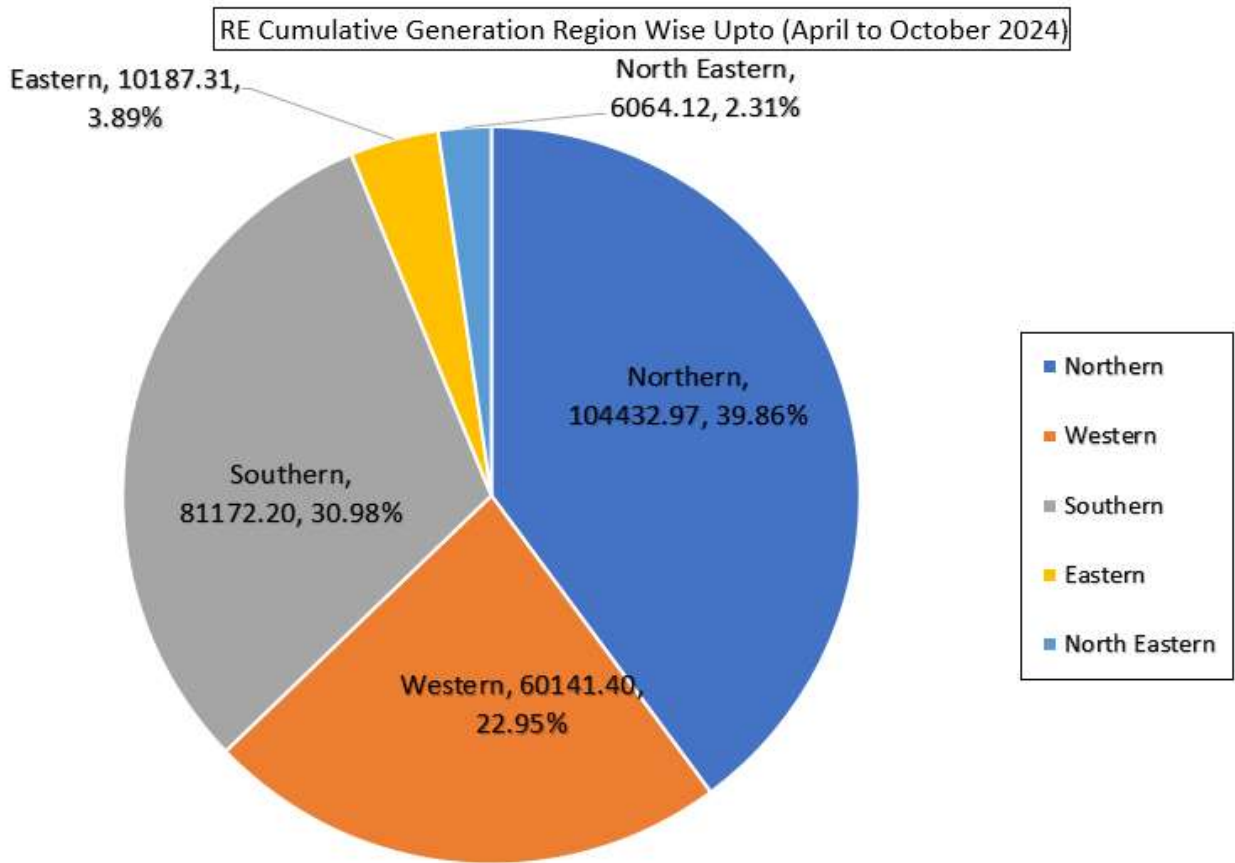


Figure 10: RE Cumulative Generation Region Wise for year 2024-25 (Upto October 2024)

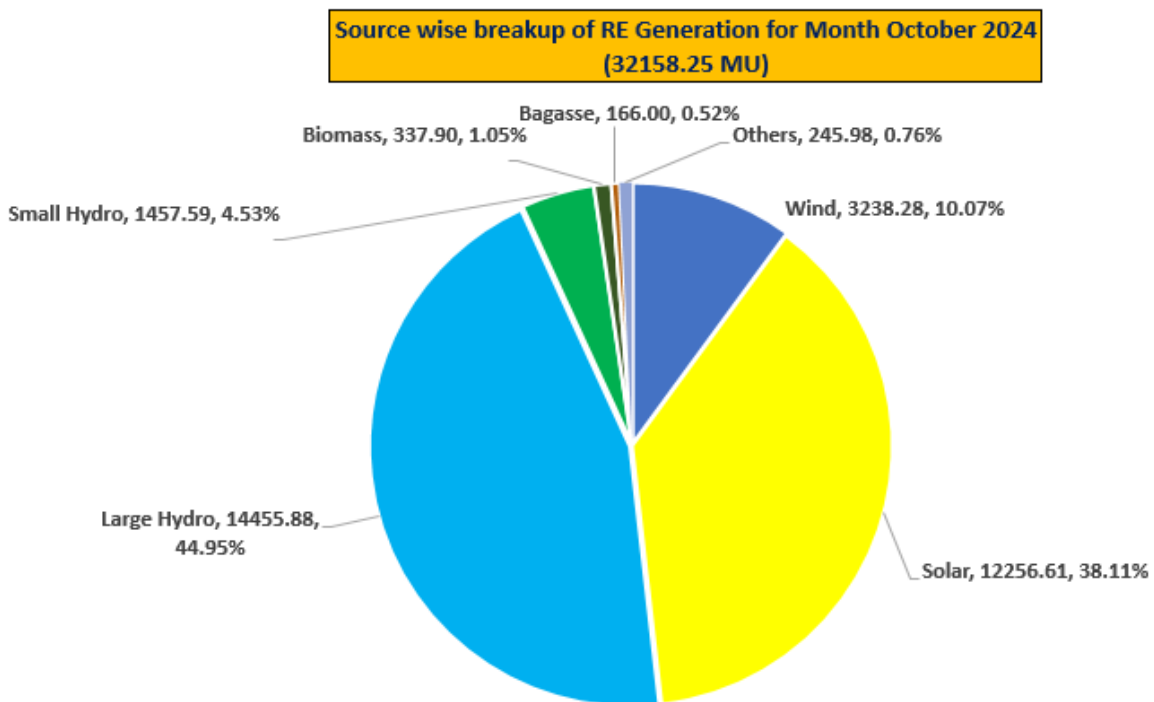


Figure 11: Source wise breakup of RE Generation in the month of October -2024

Source wise breakup of cumulative RE Generation for April 2024 to October 2024
(261998.00 MU)

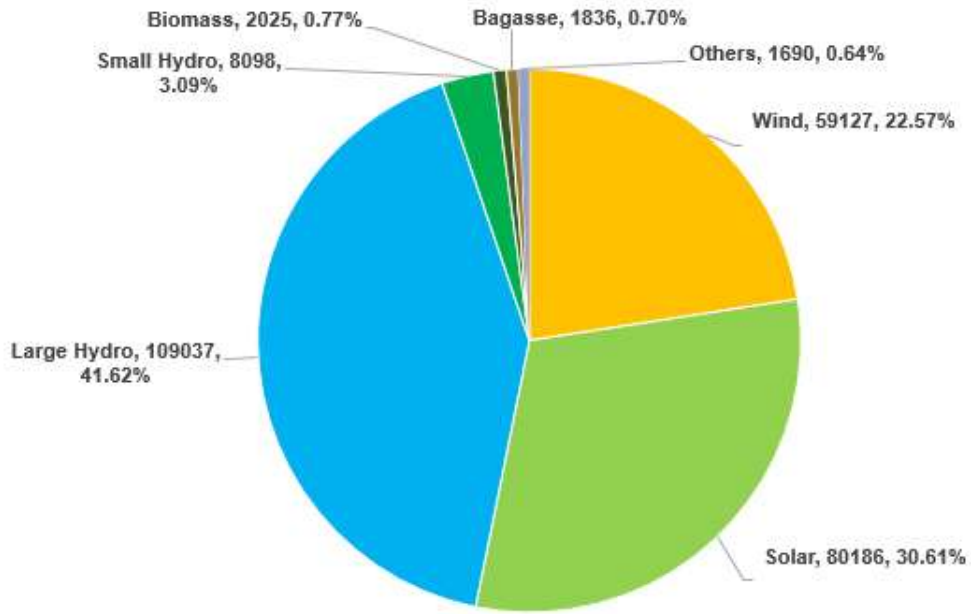


Figure 12: Source wise breakup of Cumulative RE Generation for the year 2024-25.

Summary of Renewable Energy Generation

Increased by 20.66 % as compared to October ' 23

Decreased by 25.16 % as compared to September '24

Renewable Energy Generation

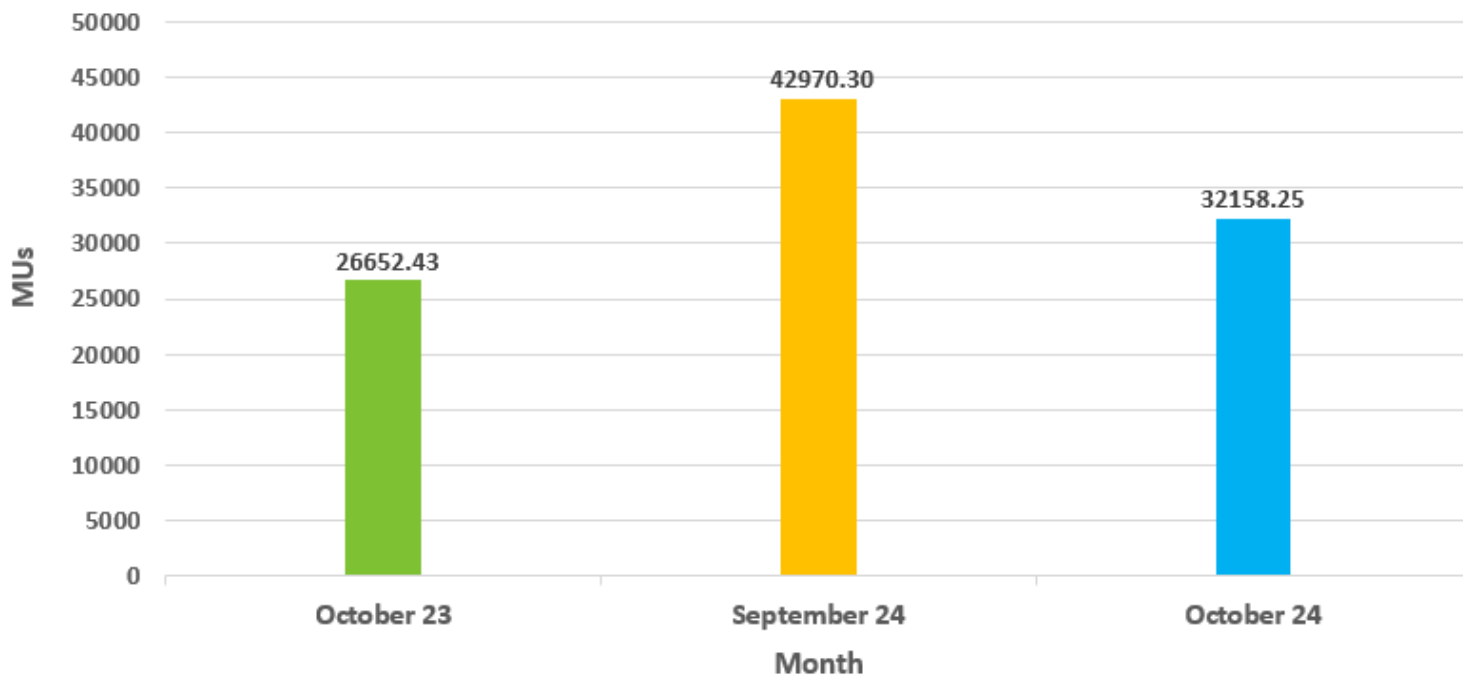


Figure 13: Renewable Energy Generation

Additional RE Generation (MUs) in Oct-24 compared to Oct-23

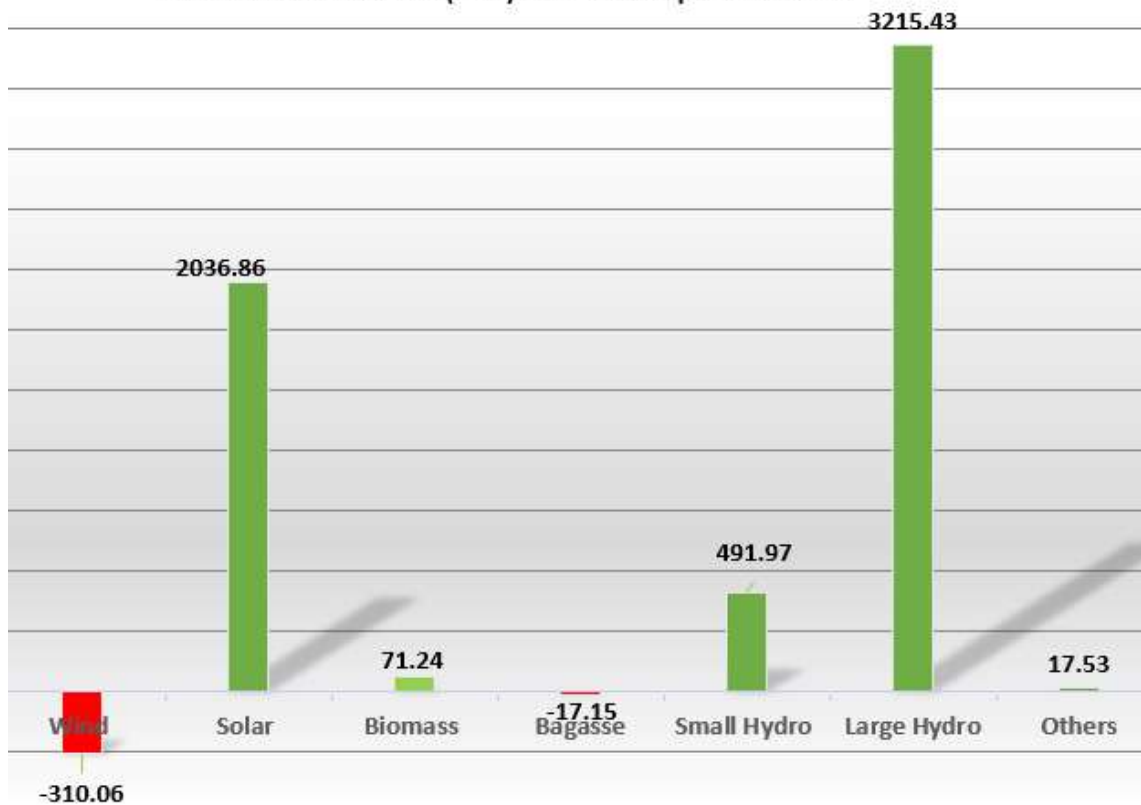


Figure 14: Additional RE Generation in October -24 as compared to October -23

India Renewable Energy Growth rate % increase over same Month in the last year

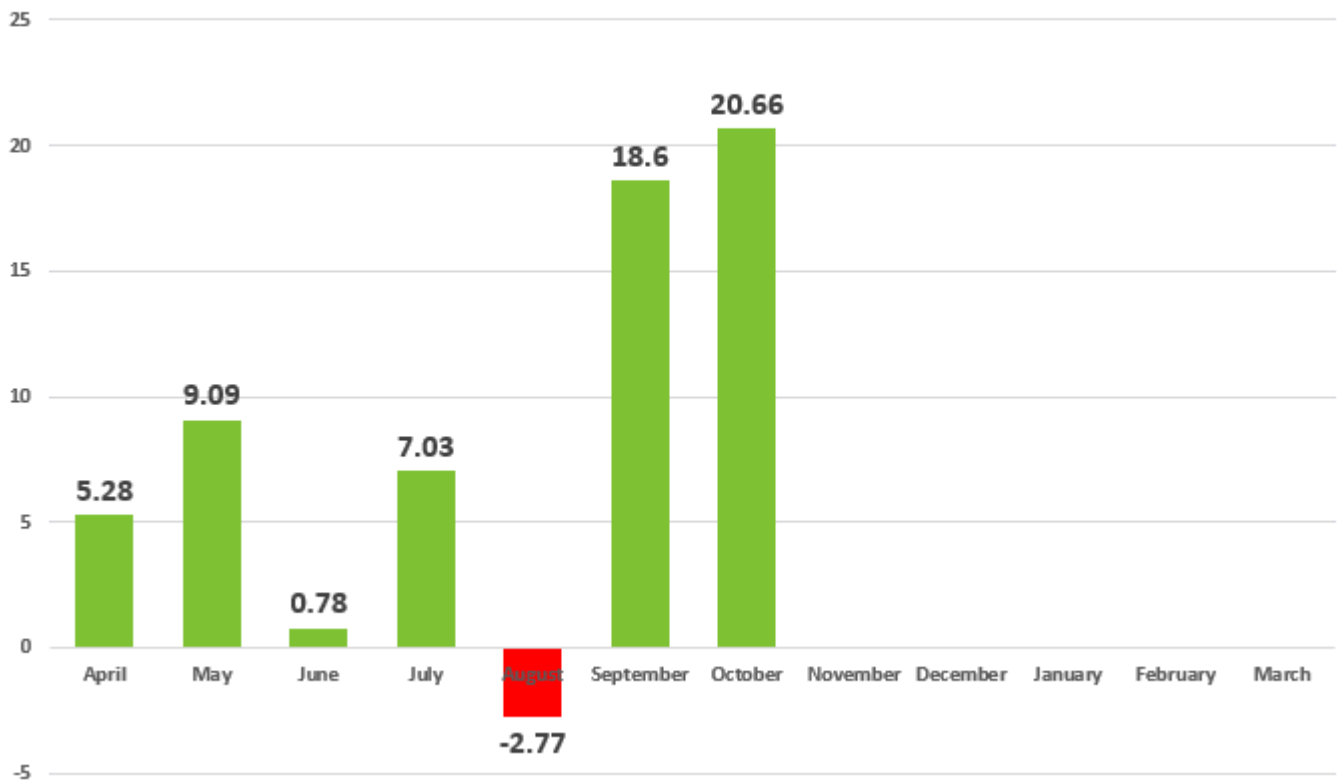


Figure 15: Month Wise % Growth of RE Generation in year 2024-25 w.r.t to previous year Same Month.

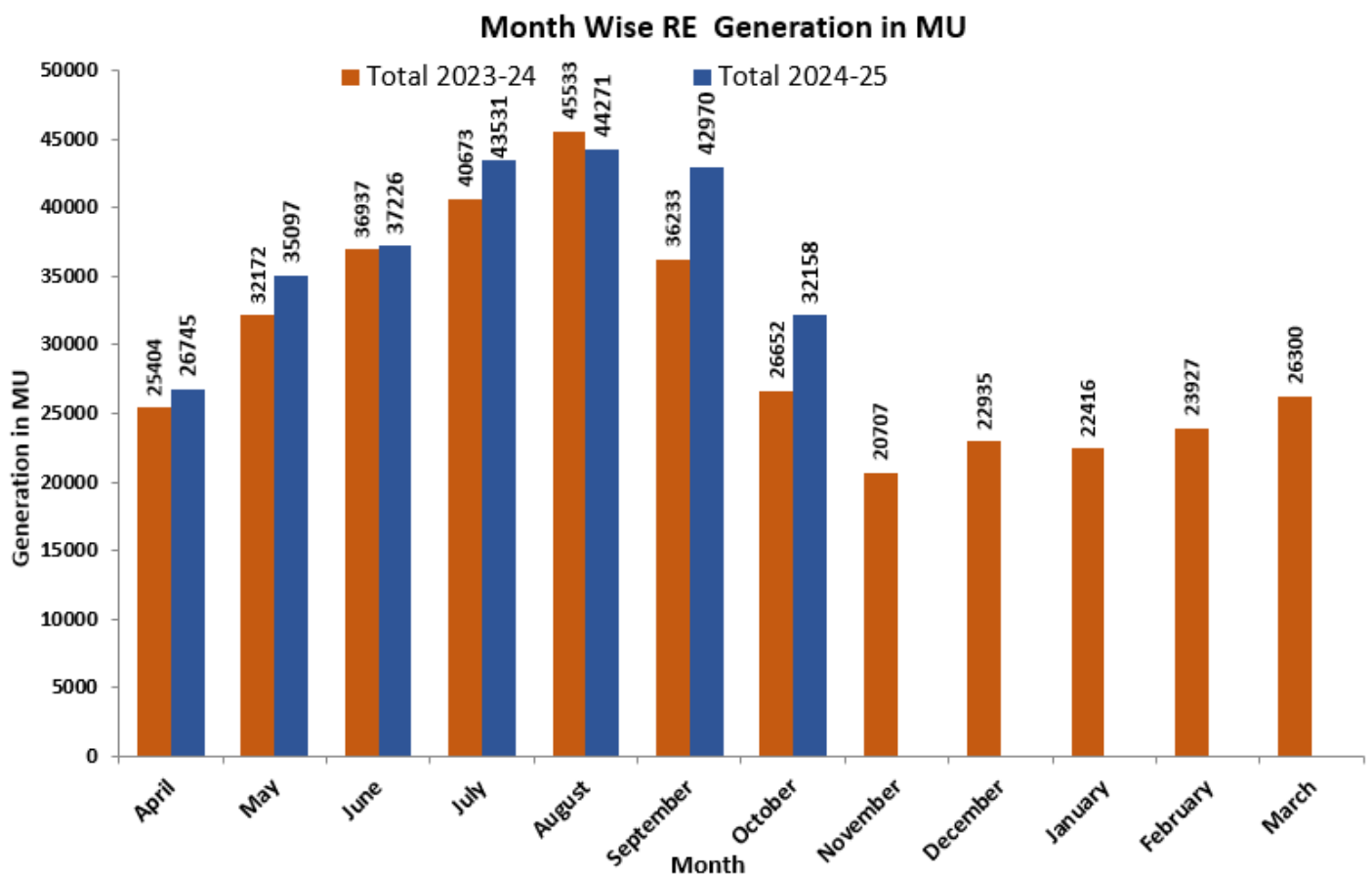


Figure 16: Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25.

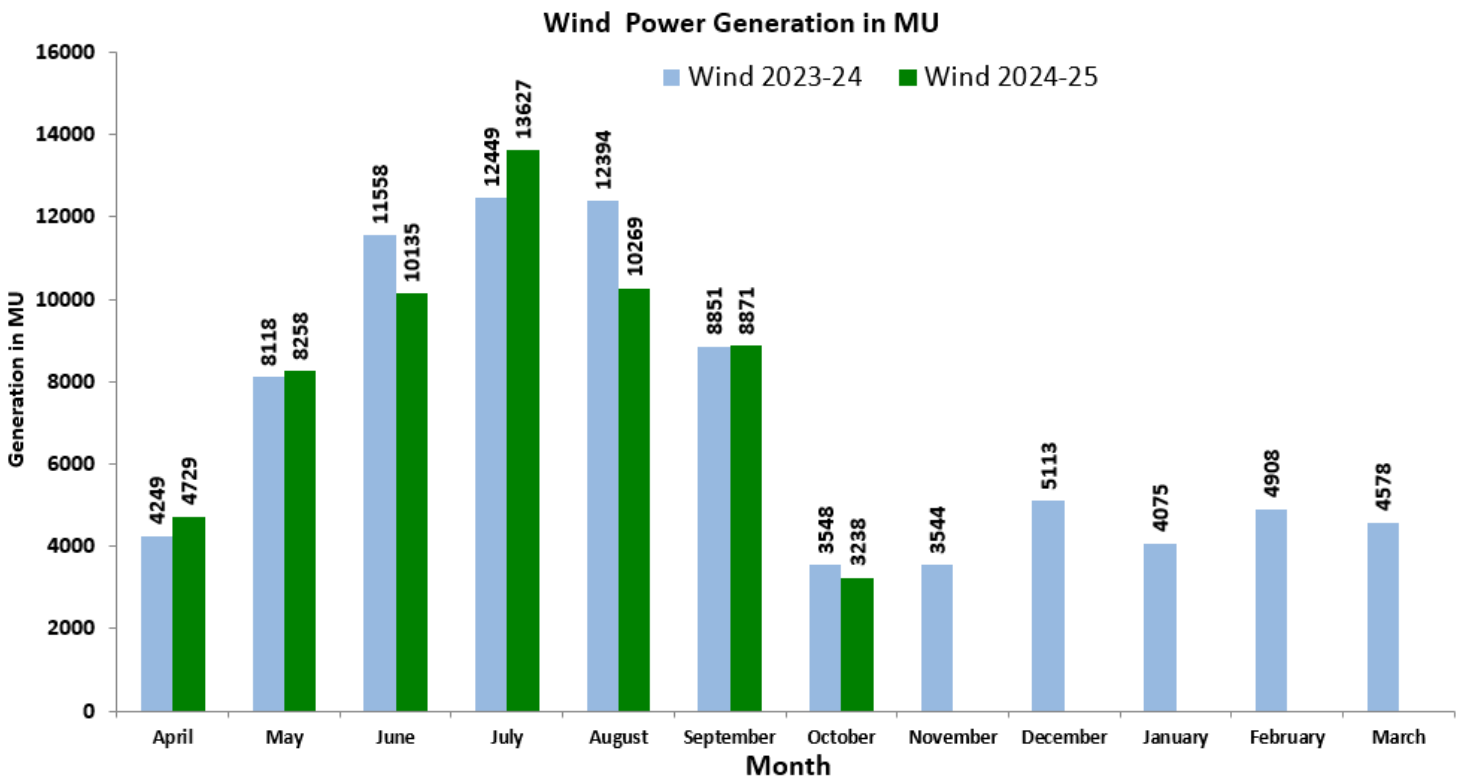


Figure 17: Month Wise Wind Power Generation for the year 2023-24 and year 2024-25.

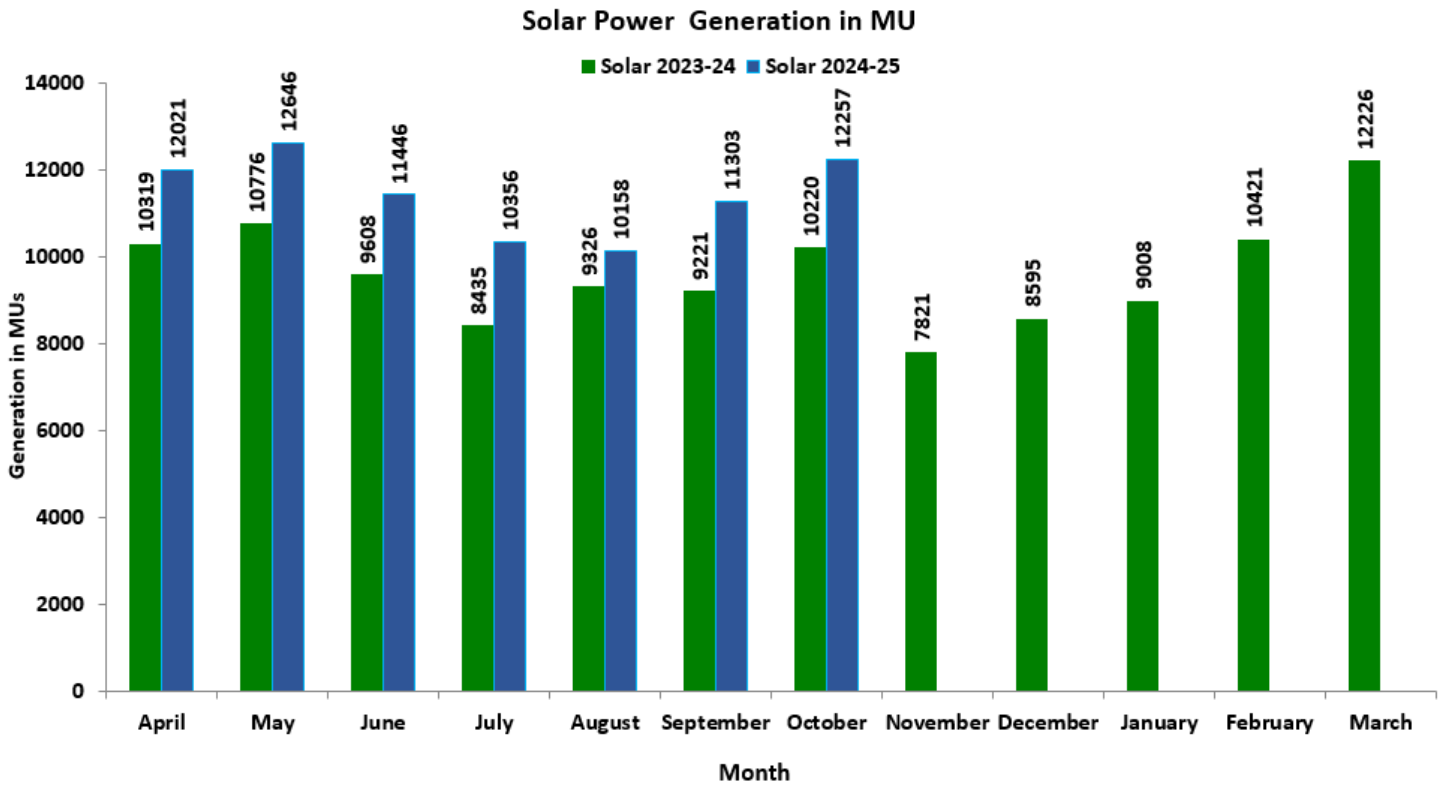


Figure 18: Month Wise Solar Power Generation for the year 2023-24 and year 2024-25.

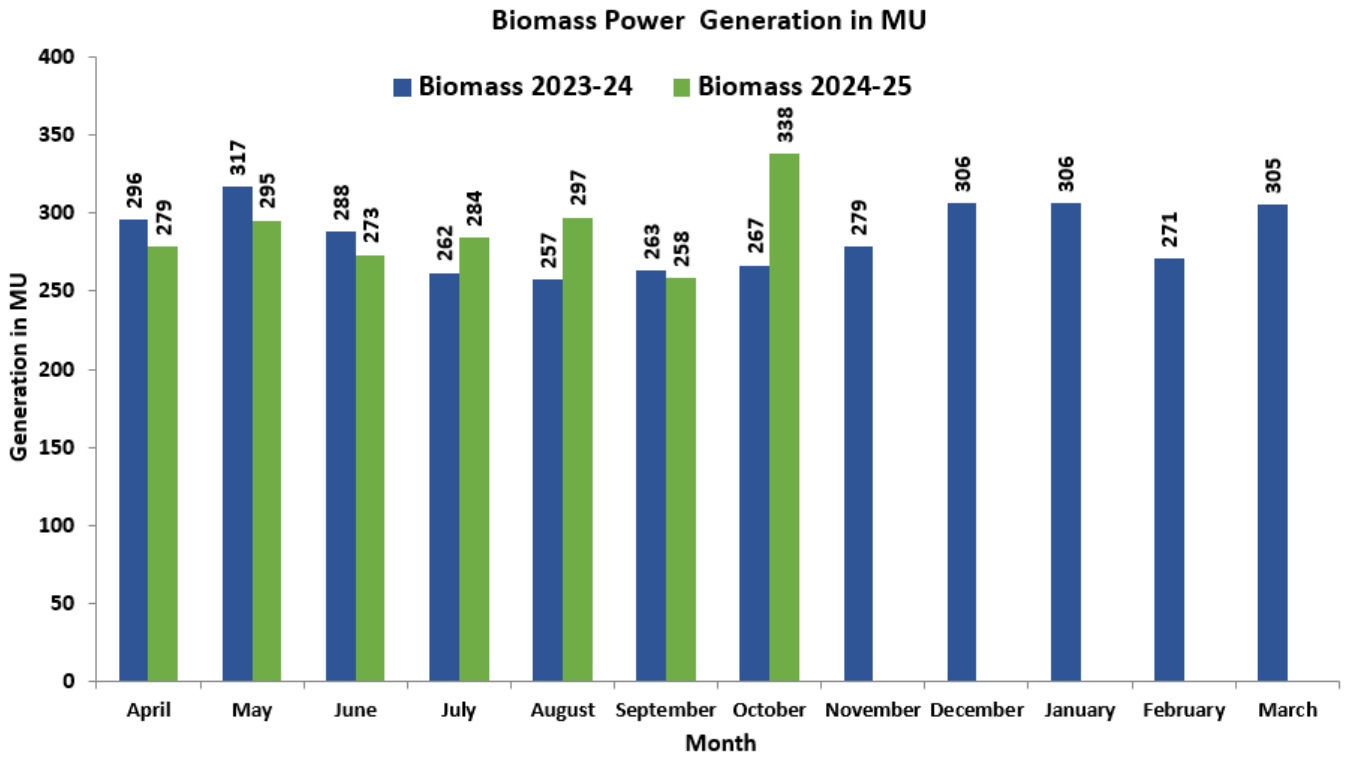


Figure 19: Month Wise Biomass Power Generation for the year 2023-24 and year 2024-25.

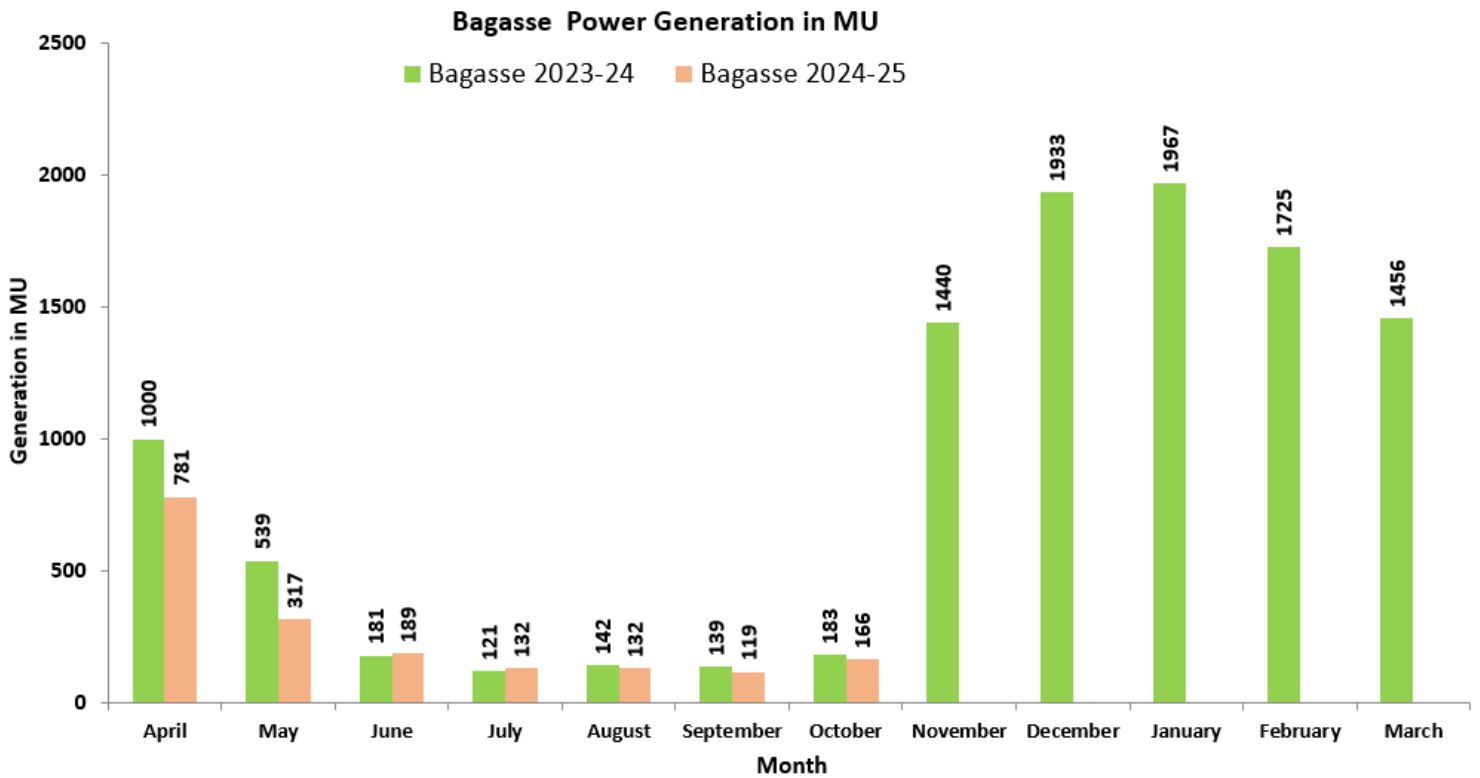


Figure 20: Month Wise Bagasse Power Generation for the year 2023-24 and year 2024-25.

Small Hydro Power Generation in MU

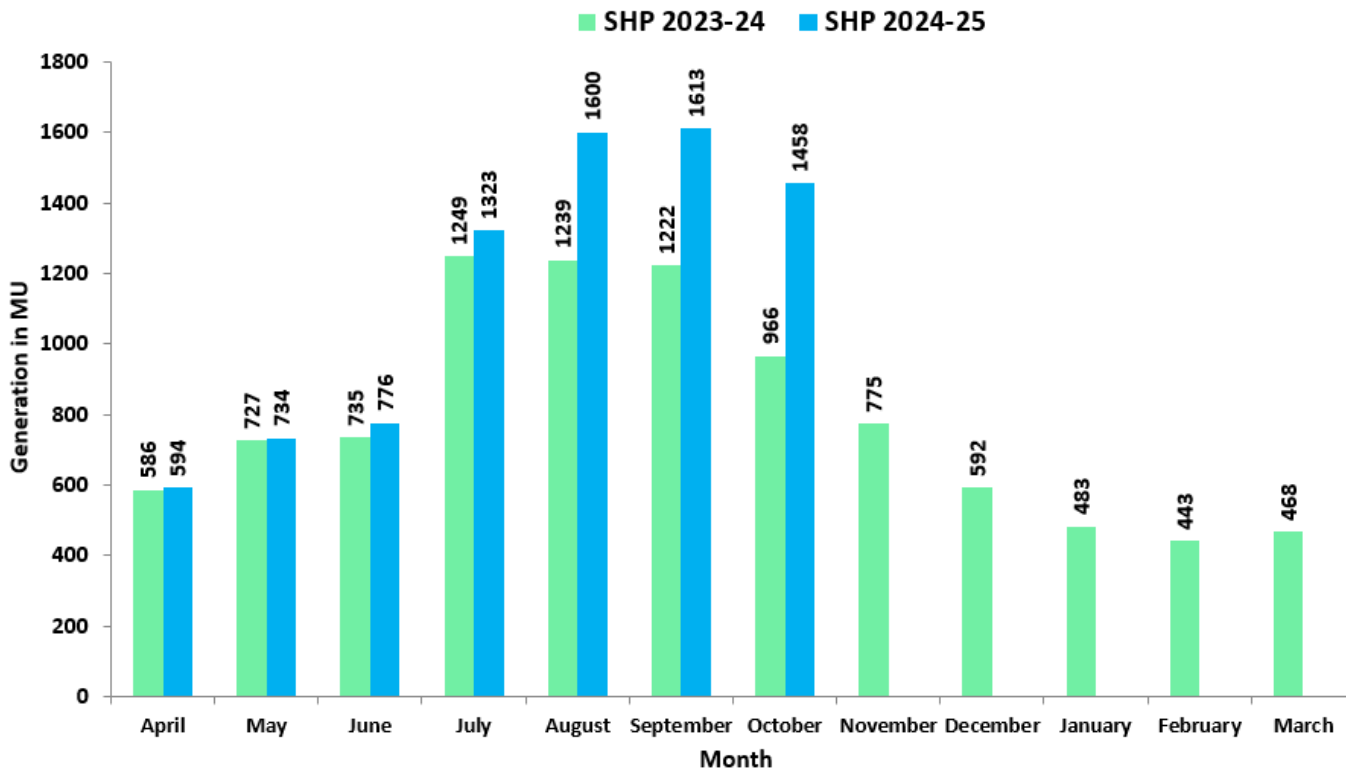


Figure 21: Month Wise Small Hydro Power Generation for the year 2023-24 and year 2024-25.

Large Hydro Power Generation MU

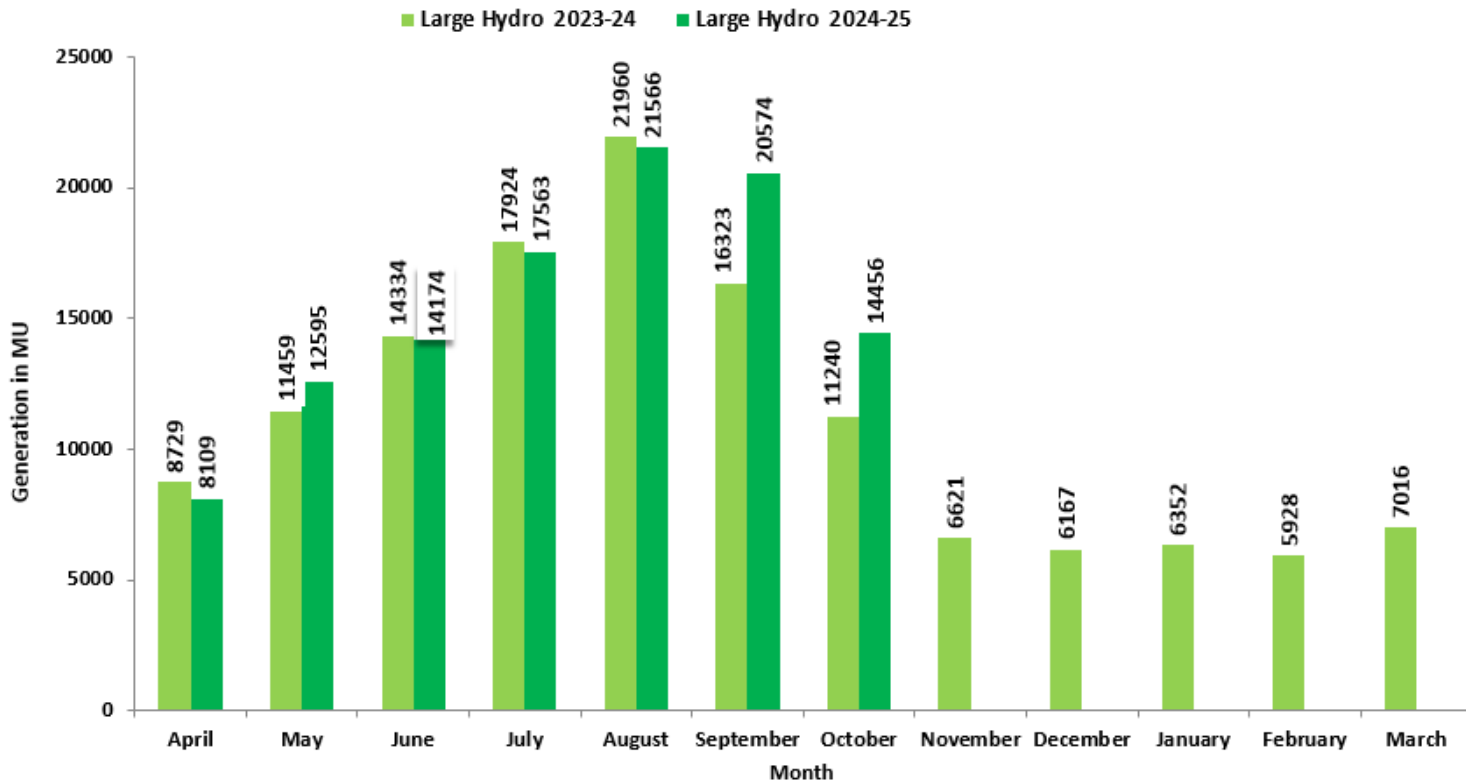


Figure 22: Month Wise Large Hydro Power Generation for the year 2023-24 and year 2024-25.

Power Generation from other RE sources in MU

■ Other 2023-24 ■ Other 2024-25

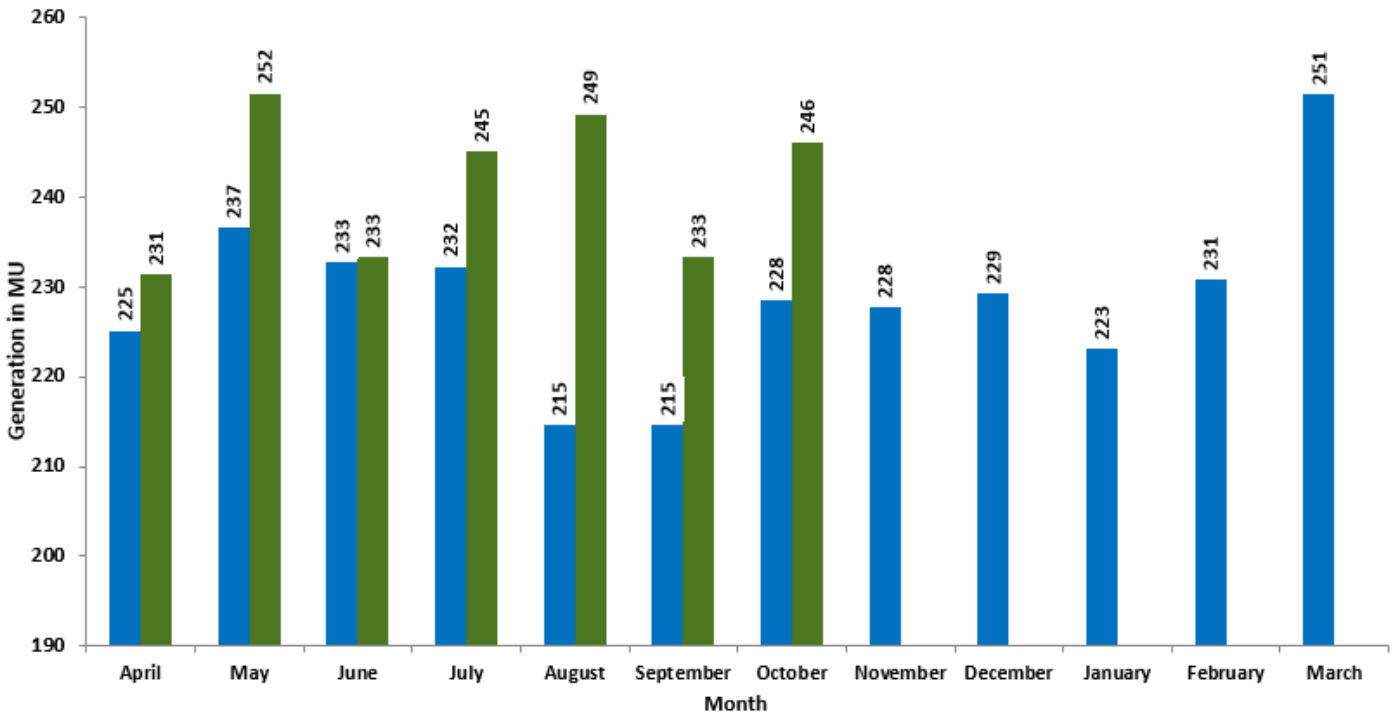


Figure 23: Month Wise Other RE (Waste Heat etc.) Power for the year 2023-24 and year 2024-25.

Year wise Generation of RE in MU

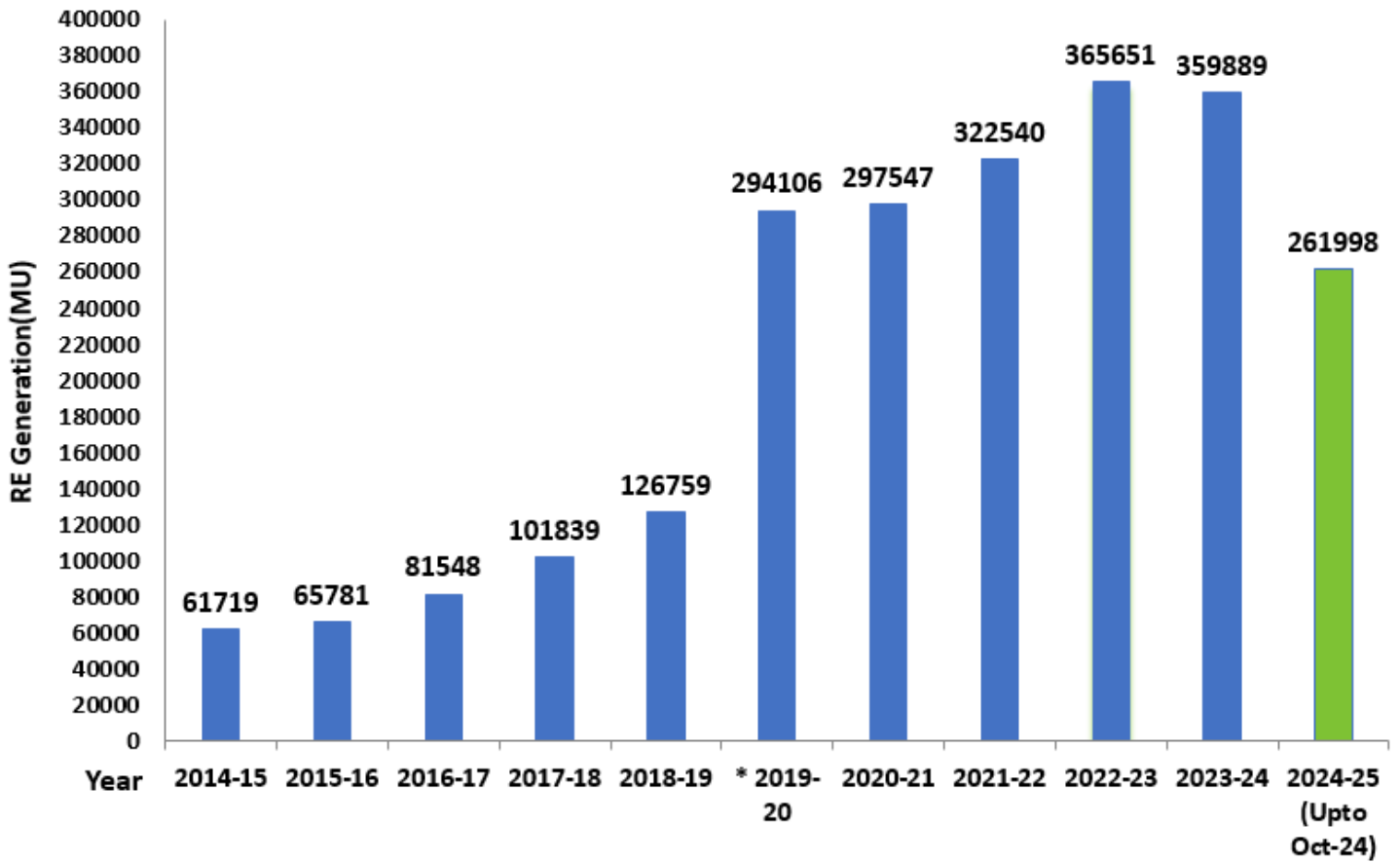


Figure 24: Year Wise RE Generation

(*) 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 (October,2024)

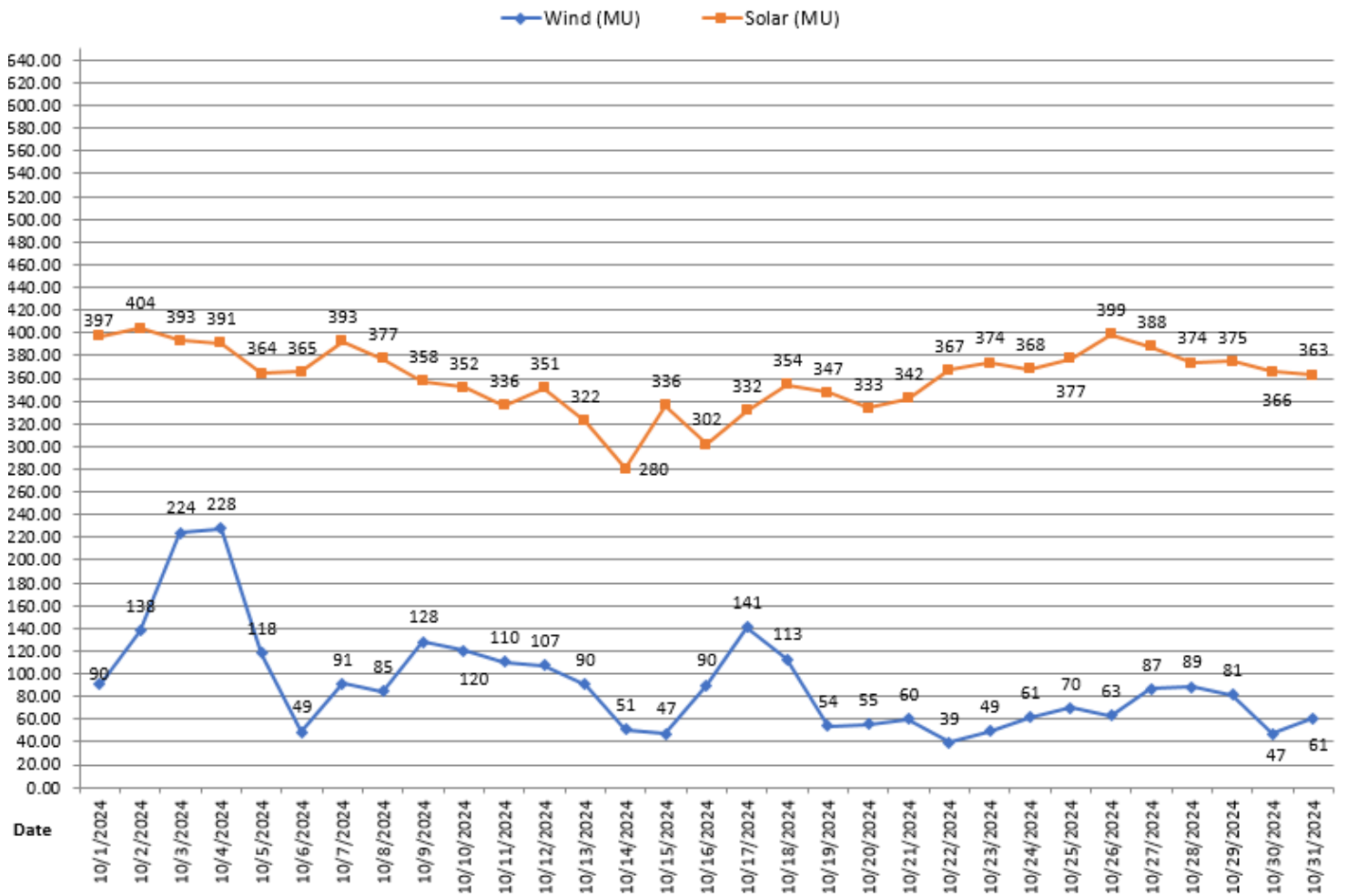


Figure 25: Daily solar and wind power generation trend in the month of October -2024

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	Installed Capacity (MW) (as on 31.10.2024)	Monitored Capacity (MW) (as on 31.10.2024) for which generation data is available	RE Generation(MU) October'2024	RE Generation(MU) October'2023	% of same Month Last Year	RE Generation (MU) April'2024- October'2024	RE Generation (MU) April'2023- October'2023	% of same period Last Year
पवन/Wind	47716.72	47239.17	3238.28	3548.34	91.26	59126.57	61167.32	96.66
सौर/Solar	92119.18	77189.0874(*)	12256.61	10219.75	119.93	80185.80	67904.13	118.09
बायोमास/Biomass	10728.21	9704.98	337.90	266.66	126.72	2024.54	1949.53	103.85
बगास/Bagasse			166.00	183.16	90.64	1835.91	2305.02	79.65
लघु जल विद्युत्/Small Hydro	5077.25	4207.28	1457.59	965.61	150.95	8098.18	6724.37	120.43
बृहत् जल विद्युत्/Large Hydro(\$)	46968.17	46968.17	14455.88	11240.45	128.61	109037.19	101969.38	106.93
अन्य/Others	605.74	854.91	245.98	228.46	107.67	1689.80	1584.20	106.67
कुल/Total Including Large Hydro	203215.27	186163.59	32158.25	26652.43	120.66	261998.00	243603.95	107.55
कुल/Total Excluding Large Hydro	156247.10	139195.42	17702.37	15411.98	114.86	152960.81	141634.57	108.00

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

(\$) Large Hydro Generation data excludes import from Bhutan. However, the import from Bhutan during October 2024 and April 24 – October 24 are 843.70 MUs and 5087.20 MU respectively.

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

Station	State/ Region	Sector (Central/State/Private)	Type	Generation (MU)
Unchahar NTPC	Uttar Pradesh	Central	Solar	1.06
Dadri NTPC	Uttar Pradesh	Central	Solar	0.51
Singrauli NTPC	Uttar Pradesh	Central	Solar	1.42
Auraiya NTPC	Uttar Pradesh	Central	Solar	4.92
Kolayat NTPC	Rajasthan	Central	Solar	102.00
Nokhra NTPC	Rajasthan	Central	Solar	58.53
Devikot NTPC	Rajasthan	Central	Solar	44.85
ABC Renewable Energy	Rajasthan	Private	Solar	64.37
ACME DEOGARH	Rajasthan	Private	Solar	18.13
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar	46.12
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	63.08
ACME PHALODI	Rajasthan	Private	Solar	14.07
ACME RAISAR	Rajasthan	Private	Solar	2.23
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	143.98
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	75.97
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	65.98
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	69.49
ADANI SEJ2PL M	Rajasthan	Private	Solar	29.05
ADANI SEJ2PL P	Rajasthan	Private	Solar	30.70
ALTRA XERGI	Rajasthan	Private	Solar	79.47
AMP Energy Green Five	Rajasthan	Private	Solar	21.76
AMP Energy Green Six	Rajasthan	Private	Solar	22.79
AMPLUS_AGES	Rajasthan	Private	Solar	20.21
Anta Solar NTPC	Rajasthan	Private	Solar	16.20
ASERJ2PL	Rajasthan	Private	Solar	41.35
ASERJ2PL_INFRM	Rajasthan	Private	Solar	0.77
ASERJ2PL_BHDL	Rajasthan	Private	Solar	31.78
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	40.56
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	88.57
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	53.05
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	39.64
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	57.08
Adept_ Renewable	Rajasthan	Private	Solar	23.72
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	70.44

Station	State/ Region	Sector (Central/State/Private)	Type	Generation (MU)
Avaada RJHN Private Limited	Rajasthan	Private	Solar	48.22
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	69.70
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	61.29
Ayana Renewable Three	Rajasthan	Private	Solar	40.86
Ayana Renewable Three Infirm	Rajasthan	Private	Solar	12.20
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	61.61
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	62.54
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	124.45
AZURE SOLAR	Rajasthan	Private	Solar	29.94
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	49.83
AZURE POWER THIRTY FIVE	Rajasthan	Private	Solar	25.27
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	53.50
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar	64.05
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	64.14
ENRICO RE	Rajasthan	Private	Solar	0.75
GRIAN ENERGY	Rajasthan	Private	Solar	20.83
Juniper Green Cosmic PL	Rajasthan	Private	Solar	18.87
MEGA SOILS RENEWABLE PRIVATE LIMITED	Rajasthan	Private	Solar	52.28
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	47.70
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	19.58
Nidan Solar Fatehgarh	Rajasthan	Private	Solar	62.29
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	60.76
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	10.18
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar	50.18
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	58.95
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	60.60
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	59.96
Renew Surya Pratap	Rajasthan	Private	Solar	41.14
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	58.51
Renew Surya Roshni	Rajasthan	Private	Solar	73.29
Renew Surya Vihaan	Rajasthan	Private	Solar	19.54
Renew Surya Ayaan	Rajasthan	Private	Solar	60.22
Rising Sun Energy	Rajasthan	Private	Solar	38.52
Serentica Renewables	Rajasthan	Private	Solar	40.90
Tata Power Green Energy Limited	Rajasthan	Private	Solar	41.67
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	58.95
TESEPL	Rajasthan	Private	Solar	10.31

Station	State/ Region	Sector (Central/State/Private)	Type	Generation (MU)
Thar Surya 1	Rajasthan	Private	Solar	63.18
TPSL Banderwala	Rajasthan	Private	Solar	40.52
TPSL BKN2 INF	Rajasthan	Private	Solar	19.96
Tata Power SAURYA Limited	Rajasthan	Private	Solar	19.62
Transition Renewable Energy	Rajasthan	Private	Solar	17.93
Transition Green Energy	Rajasthan	Private	Solar	20.74
Transition Sustainable One	Rajasthan	Private	Solar	2.44
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	58.60
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	15.43
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	12.38
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	11.21
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	14.87
<u>Sub Total(Northern Region)</u>				3474.31
Beempow Energy	Madhya Pradesh	Private	Solar	46.17
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	39.91
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	37.88
AVAADA_AGAR_RUMS	Madhya Pradesh	Private	Solar	39.74
Athena_RUMS	Madhya Pradesh	Private	Solar	38.72
Masaya BWSPRA_KNDW	Madhya Pradesh	Private	Solar	50.45
NTPC_REL_SJPR_RUMS	Madhya Pradesh	Private	Solar	8.35
TPSOURY_KWAI_NMCH	Madhya Pradesh	Private	Solar	58.65
Sherisha Raipur	Chhattisgarh	Private	Solar	8.07
Solapur Solar	Maharashtra	Central	Solar	1.57
AREH4L_PSS1	Gujarat	Private	Solar	222.53
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	41.85
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	20.93
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	21.79
RPL_SECI-II	Gujarat	Private	Solar	19.35
Kawas NTPC	Gujarat	Central	Solar	8.08
Gandhar_Solar	Gujarat	Private	Solar	3.57
GSECL RSP	Gujarat	Private	Solar	9.42
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar	145.39
AGE24AL	Gujarat	Private	Solar	72.12
Alfanar	Gujarat	Private	Wind	26.46

Station	State/ Region	Sector (Central/State/Private)	Type	Generation (MU)
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	43.27
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	30.59
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	37.01
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	21.34
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	15.84
GSECL_PH2	Gujarat	Private	Wind	13.98
Ostro Kutch Wind Private Limited (OKWPL)	Gujarat	Private	Wind	27.09
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	5.38
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	13.58
Apraava Khkrda Jam	Gujarat	Private	Wind	23.18
Netra Kotda	Gujarat	Private	Wind	13.79
Powerica Wind	Gujarat	Private	Wind	4.07
Torrent Sidpur Jam	Gujarat	Private	Wind	10.75
SITAC	Gujarat	Private	Wind	36.05
SRIJAN	Gujarat	Private	Wind	11.13
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind	23.51
SGEL RSP	Gujarat	Private	Wind	17.43
<u>Sub Total(Western Region)</u>				1268.99
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	21.01
GRTJIPL	Tamil Nadu	Private	Solar	25.12
Mytra	Tamil Nadu	Private	Wind	17.73
Orange	Tamil Nadu	Private	Wind	16.41
Green Infra	Tamil Nadu	Private	Wind	22.02
Hiriyur Ostro	Tamil Nadu	Private	Wind	18.90
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	9.84
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	28.50
JSW Savlaperi	Tamil Nadu	Private	Wind	26.80
Ettayapuram NTPC	Tamil Nadu	Central	Solar	36.89
ARPSPL KOPPAL	Karnataka	Private	Wind	21.34
RSOPL KOPPAL	Karnataka	Private	Wind	26.77
RSRPL KOPPAL	Karnataka	Private	Wind	20.25
Serentica_koppal	Karnataka	Private	Wind	26.41

Station	State/ Region	Sector (Central/State/Private)	Type	Generation (MU)
Ramagundam Floating Solar	Telangana	Central	Solar	17.32
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	2.73
<u>Southern Region</u>				338.04
<u>All India Total</u>				5081.34

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) October 2024	RE Generation (MU) October 2023	RE Generation (MU) April 2024-October 2024	RE Generation (MU) April 2023-October 2023
NTPC							
Faridabad_Solar	Haryana	5	Solar	0.50	0.55	3.55	4.01
Bhadla	Rajasthan	260	Solar	35.26	36.50	246.21	256.62
Jetsar	Rajasthan	160	Solar	31.43	30.96	226.47	226.30
Fatehgarh	Rajasthan	296	Solar	62.62	62.99	439.94	455.73
Devikot	Rajasthan	240	Solar	45.37	48.28	318.60	338.74
Nokhra	Rajasthan	300	Solar	58.82	59.28	408.45	414.51
Anta Solar	Rajasthan	90	Solar	15.45	0.00	87.78	0.00
Dadri_Solar	Uttar Pradesh	5	Solar	0.49	0.49	3.56	3.69
Unchahar_Solar	Uttar Pradesh	10	Solar	1.05	1.22	7.79	8.38
Singrauli_Solar	Uttar Pradesh	15	Solar	1.46	1.78	11.37	12.33
Auraiya	Uttar Pradesh	40	Solar	4.80	6.03	37.61	43.80
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	0.00	2.82	14.62	23.88
Ayodhya	Uttar Pradesh	40	Solar	5.94	0.00	29.47	0.00
Chattargarh	Rajasthan	150	Solar	29.67	0.00	205.04	0.00
Rojmal	Gujarat	50	Wind	3.28	2.64	61.59	66.81
Dayapar	Gujarat	50	Wind	3.66	0.00	67.69	0.00
Rajgarh_Solar	Madhya Pradesh	50	Solar	6.13	6.50	39.02	40.00
Mandsaur	Madhya Pradesh	250	Solar	28.76	34.09	194.99	211.68
Solapur	Maharashtra	10	Solar	1.57	1.46	10.92	10.52
Anantapuram	Andhra Pradesh	250	Solar	27.58	29.70	210.58	222.35
Ramagundam	Telangana	110	Solar	16.04	19.32	115.29	122.71
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.43	0.68	3.16	3.02
Talchar_Solar	Orissa	10	Solar	1.14	0.98	6.74	7.18
Solar_Bilhaur	Uttar Pradesh	225	Solar	39.08	43.63	282.25	280.37
Simhadri Floating Project	Andhra Pradesh	25	Solar	2.42	4.21	22.54	31.91
Kayamkulam	Kerala	92	Solar	15.82	17.99	113.25	123.71
Kawas	Gujarat	56	Solar	8.04	6.61	56.92	53.13

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) October 2024	RE Generation (MU) October 2023	RE Generation (MU) April 2024-October 2024	RE Generation (MU) April 2023-October 2023
Gandhar	Gujarat	20	Solar	3.63	3.22	21.36	17.16
Shambu ki Burj-I	Rajasthan	283	Solar	51.83	52.67	369.07	371.01
Shambu ki Burj-II	Rajasthan	249	Solar	50.69	33.45	252.48	234.04
Ettayapuram	Tamil Nadu	230	Solar	37.22	38.26	294.24	291.72
Gujarat Solar	Gujarat	60	Solar	11.07	0.00	24.20	0.00
Bhainsara	Rajasthan	160	Solar	31.98	0.00	63.92	0.00
Shajapur	Madhya Pradesh	50	Solar	2.40	0.00	2.40	0.00
Total NTPC		3854		635.63	546.31	4253.07	3875.31
THDC							
Patan Wind Power Project	Gujarat	50.00	Wind	2.02	2.41	48.32	50.16
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	3.55	3.57	74.92	83.92
Solar Kasaragod	Kerala	50.00	Solar	7.46	8.24	46.24	52.98
Rishikesh office Premises (New)	Uttarakhand	0.50	Solar	0.04	0.05	0.31	0.3
Rishikesh office Premises (Old)	Uttarakhand	0.50	Solar	0.04	0.00	0.31	0.00
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	4.91	10.03	36.74	41.79
Total THDC		188.00		18.02	24.30	206.84	229.15
NHPC							
Wind Power Project	Rajasthan	50.00	Wind	2.82	5.23	32.44	38.58
Solar Power Project	Tamilnadu	50.00	Solar	5.94	7.43	51.34	41.09
Total NHPC		100.00		8.76	12.66	83.78	79.67
ONGC							
Bhuj	Gujarat	51.00	Wind	0.62	0.37	40.63	11.88
Jaisalmer	Rajasthan	102.00	Wind	4.90	9.79	71.93	75.79
Assam	Assam	1.66	Roof Top	0.14	0.00	0.92	0.15
Assam	Assam	1.09	Ground Mounted	0.11	0.02	0.80	1.59
Tripura	Tripura	0.25	Roof Top	0.01	0.00	0.12	0.72
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Ground Mounted	0.04	0.01	0.51	0.84
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Ground Mounted	0.57	0.61	4.23	2.42

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) October 2024	RE Generation (MU) October 2023	RE Generation (MU) April 2024-October 2024	RE Generation (MU) April 2023-October 2023
Cauvery	Tamil Nadu	0.46	Ground Mounted	0.04	0.00	0.33	0.13
Vagara, Ankleshwar	Gujarat	5.00	Ground Mounted	0.46	0.78	4.16	3.54
Gujarat Jodhpur	Gujarat Rajasthan	4.23 0.16	Roof Top Ground Mounted	0.39 0.02	0.00 0.00	2.44 0.12	0.48 0.15
Jaisalmer	Rajasthan	0.16	Ground Mounted	0.02	0.00	0.12	0.15
Uttarakhand	Uttarakhand	1.24	Roof Top	0.08	0.00	0.56	0.02
Goa	Goa	1.00	Ground Mounted	0.06	0.02	0.42	0.19
Hazira	Gujarat	10.00	Ground Mounted	1.06	0.00	7.52	0.01
Hazira	Gujarat	5.00	Ground Mounted	0.73	0.00	4.57	0.04
Mumbai (Uran & NBP Green Heights)	Maharashtra	0.29	Roof Top	0.03	0.00	0.53	0.01
DDU, Bhawan, Delhi	Delhi	0.30	Roof Top	0.01	0.00	0.13	0.03
ONGC Colony Noida	Uttar Pradesh	0.06	Roof Top	0.00	0.00	0.03	0.00
EOA Logistics Park, Kakinada	Andhra Pradesh	1.00	Roof Top	0.12	0.00	0.66	0.00
Cambay	Gujarat	2.00	Ground Mounted SPP	0.32	0.00	2.03	0.00
Total ONGC		192.89		9.73	11.60	142.76	98.14
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	1.24	0.80	40.35	43.09
Sadla Wind Power	Gujarat	50	Wind	2.52	3.41	58.55	73.25
Charanka Solar Power	Gujarat	5.60	Solar	0.73	0.84	4.75	4.89
Wadhwal Solar Power Project	Himachal Pradesh	1	Solar	0.13	0.12	0.83	0.64
Gurhah	Uttar Pradesh	75	Solar	13.06	0.00	90.79	0.00
Gujari		50	Solar	7.77	0.00	57.18	0.00

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) October 2024	RE Generation (MU) October 2023	RE Generation (MU) April 2024-October 2024	RE Generation (MU) April 2023-October 2023
Parasan Solar Power	Uttar Pradesh	75	Solar	12.71	14.19	92.08	96.02
		100		17.75	0.00	98.61	0.00
Total SJVN		404.20		55.90	19.36	443.15	217.89
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	1.58	2.02	13.69	12.72
Oil India Ltd	Rajasthan	67.60	Wind	4.23	3.02	47.53	39.35
Oil India Ltd	Gujarat	43.30	Wind	6.63	3.35	58.74	51.56
Oil India Ltd	Madhya Pradesh	63.20	Wind	7.30	3.53	69.65	57.84
Total Oil India Ltd		188.10		19.74	11.91	189.62	161.47
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.51	0.51	3.25	2.22
NEEPCO	Assam	25.00	Small Hydro	18.54	18.44	121.23	72.35
NEEPCO Total		30.00		19.05	18.95	124.48	74.57
DVC							
DVC	West Bengal	10.10	Solar	1.21	0.01	9.89	0.03
DVC	Jharkhand	4.00	Small Hydro	0.00	0.00	1.00	0.00
Total DVC		14.10		1.21	0.01	10.89	0.04
All India Total		4971.85		768.03	645.10	5454.58	4736.24

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 October 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Northern Region					
Unchahar NTPC	Solar	1.00	1.06	0.06	6.00
Dadri NTPC	Solar	0.56	0.51	-0.05	-8.93
Singrauli NTPC	Solar	1.76	1.42	-0.34	-19.32
Auraiya NTPC	Solar	5.06	4.92	-0.14	-2.77
Kolayat NTPC	Solar	107.84	102.00	-5.84	-5.42
Nokhra NTPC	Solar	60.98	58.53	-2.45	-4.02
Devikot NTPC	Solar	45.34	44.85	-0.49	-1.08
ABC Renewable Energy	Solar	63.69	64.37	0.68	1.07
ACME DEOGARH	Solar	25.98	18.13	-7.85	-30.22
Acme Chittorgarh Energy Pvt Ltd.	Solar	50.05	46.12	-3.93	-7.85
Acme Heergharh Powertech Pvt Ltd	Solar	62.22	63.08	0.86	1.38
ACME PHALODI	Solar	15.22	14.07	-1.15	-7.56
ACME RAISAR	Solar	2.07	2.23	0.16	7.73
Adani Hybrid Energy Jaisalmer Four Limited	Solar	217.45	202.58	-14.87	-6.84
Adani Hybrid Energy Jaisalmer One Limited	Solar	99.11	91.40	-7.71	-7.78
Adani Hybrid Energy Jaisalmer Three Limited	Solar	85.13	78.36	-6.77	-7.95
Adani Hybrid Energy Jaisalmer Two Limited	Solar	85.64	80.70	-4.94	-5.77
ADANI SEJ2PL M	Solar	29.81	29.05	-0.76	-2.55
ADANI SEJ2PL P	Solar	29.83	30.70	0.87	2.92
ALTRA XERGI	Solar	79.28	79.47	0.19	0.24
AMP Energy Green Five	Solar	22.42	21.76	-0.66	-2.94
AMP Energy Green Six	Solar	22.89	22.79	-0.10	-0.44
AMPLUS_AGES	Solar	21.21	20.21	-1.00	-4.71
Anta Solar NTPC	Solar	16.53	16.20	-0.33	-2.00
ASERJ2PL	Solar	42.21	41.35	-0.86	-2.04

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of October 2024

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
ASERJ2PL_INFRM	Solar	0.48	0.77	0.29	60.42
ASERJ2PL_BHDL	Solar	32.26	31.78	-0.48	-1.49
Adani Renewable Energy RJ Limited (RERJL)	Solar	39.63	40.56	0.93	2.35
Adani Jaisalmer One SEPL Solar	Solar	113.11	103.44	-9.67	-8.55
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Solar	51.98	53.05	1.07	2.06
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Solar	38.94	39.64	0.70	1.80
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Solar	57.75	57.08	-0.67	-1.16
Adept_ Renewable	Solar	24.71	23.72	-0.99	-4.01
Avaada Sunrays Energy Private Limited	Solar	68.88	70.44	1.56	2.26
Avaada RJHN Private Limited	Solar	46.55	48.22	1.67	3.59
Avaada Sunce Energy Private Limited	Solar	69.66	69.70	0.04	0.06
Avaada Sustainable RJ Project Private Ltd.	Solar	60.00	61.29	1.29	2.15
Ayana Renewable Three	Solar	41.89	40.86	-1.03	-2.46
Ayana Renewable Three Infirm	Solar	11.30	12.20	0.90	7.96
Ayana Renewable Power One Private Limited	Solar	59.28	61.61	2.33	3.93
Azure Power Forty One Private Limited	Solar	61.28	62.54	1.26	2.06
Azure Power Forty Three Private Ltd	Solar	120.99	124.45	3.46	2.86
AZURE SOLAR	Solar	29.34	29.94	0.60	2.04
Azure Power Maple Pvt Ltd	Solar	48.76	49.83	1.07	2.19
AZURE POWER THIRTY FIVE	Solar	24.91	25.27	0.36	1.45
Clean Solar Power (Jodhpur) Pvt Ltd	Solar	52.32	53.50	1.18	2.26
Clean Solar Power (Bhadla) Pvt Ltd	Solar	63.16	64.05	0.89	1.41
Eden Renewable Cite Private Limited	Solar	62.56	64.14	1.58	2.53
ENRICO RE	Solar	0.00	0.75	0.75	0.00
GRIAN ENERGY	Solar	21.49	20.83	-0.66	-3.07
Juniper Green Cosmic PL	Solar	19.22	18.87	-0.35	-1.82
MEGA SOILS RENEWABLE PRIVATE LIMITED	Solar	50.68	52.28	1.60	3.16
Mega Surya Urja Pvt. Ltd	Solar	47.25	47.70	0.45	0.95
M/S. ONEVOLT Energy Private Limited	Solar	21.45	19.58	-1.87	-8.72

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of October 2024

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Nidan Solar Fatehgarh	Solar	62.16	62.29	0.13	0.21
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Solar	60.23	60.76	0.53	0.88
Renew Solar Power Pvt Ltd	Solar	10.37	10.18	-0.19	-1.83
Renew Solar Power Pvt Ltd. Bikaner	Solar	50.41	50.18	-0.23	-0.46
Renew Solar Urja Pvt Ltd	Solar	58.89	58.95	0.06	0.10
Renew Sun Bright Pvt Ltd	Solar	60.17	60.60	0.43	0.71
Renew Sun Waves Private Limited	Solar	59.70	59.96	0.26	0.44
Renew Surya Pratap	Solar	40.68	41.14	0.46	1.13
Renew Surya Ravi Pvt Ltd	Solar	60.64	58.51	-2.13	-3.51
Renew Surya Roshni	Solar	75.26	73.29	-1.97	-2.62
Renew Surya Vihaan	Solar	19.42	19.54	0.12	0.62
Renew Surya Ayaan	Solar	60.65	60.22	-0.43	-0.71
Rising Sun Energy	Solar	39.29	38.52	-0.77	-1.96
Serentica Renewables	Solar	41.53	40.90	-0.63	-1.52
Tata Power Green Energy Limited	Solar	40.87	41.67	0.80	1.96
Tata Power Renewable Energy Ltd	Solar	59.14	58.95	-0.19	-0.32
TESEPL	Solar	10.97	10.31	-0.66	-6.02
Thar Surya 1	Solar	61.35	63.18	1.83	2.98
TPSL Banderwala	Solar	41.33	40.52	-0.81	-1.96
TPSL BKN2 INF	Solar	20.37	19.96	-0.41	-2.01
Tata Power SAURYA Limited	Solar	19.48	19.62	0.14	0.72
Transition Renewable Energy	Solar	21.37	17.93	-3.44	-16.10
Transition Green Energy	Solar	23.03	20.74	-2.29	-9.94
Transition Sustainable One	Solar	2.67	2.44	-0.23	-8.61
Western Region					
Beempow Energy	Solar	46.26	46.17	-0.09	-0.19
Arinsun Solar (Barsaitadesh)	Solar	40.88	39.91	-0.97	-2.37
Mahindra Solar (Badwar)	Solar	40.95	37.88	-3.07	-7.50
AVAADA_AGAR_RUMS	Solar	38.55	39.74	1.19	3.09
Athena_RUMS	Solar	40.43	38.72	-1.71	-4.23

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of October 2024

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Masaya BWSRA_KNDW	Solar	50.45	50.45	0.00	0.00
NTPC_REL_SJPR_RUMS	Solar	8.01	8.35	0.34	0.00
Sherisha Raipur	Solar	8.72	8.07	-0.65	-7.45
Solapur Solar	Solar	1.64	1.57	-0.07	-4.27
AREH4L_PSS1	Solar	217.84	222.53	4.69	2.15
Electro Solaire Private Limited (ESPL RSP Solar)	Solar	41.06	41.85	0.79	1.92
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Solar	21.13	20.93	-0.20	-0.95
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Solar	21.55	21.79	0.24	1.11
RPL_SECI-II	Solar	31.50	19.35	-12.15	-38.57
Kawas NTPC	Solar	9.52	8.08	-1.44	-15.13
Gandhar_Solar	Solar	3.48	3.57	0.09	2.59
GSECL RSP	Solar	8.68	9.42	0.74	8.53
AGE25BL_PSS2_KPS1_SI	Solar	144.64	145.39	0.75	0.52
AGE24AL	Solar	78.85	72.12	-6.73	-8.54
Alfanar	Wind	41.87	26.46	-15.41	-36.80
AWEK1L WIND (RATADIYA)	Wind	79.28	43.27	-36.01	-45.42
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Wind	39.86	30.59	-9.27	-23.26
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Wind	47.06	37.01	-10.05	-21.36
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Wind	33.05	21.34	-11.71	-35.43
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Wind	19.95	15.84	-4.11	-20.60
GSECL_PH2	Wind	13.91	13.98	0.07	0.50
Ostro Kutch Wind Private Limited (OKWPL)	Wind	40.29	27.09	-13.20	-32.76
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Wind	11.83	5.38	-6.45	-54.52
Avikiran Solar India Private Limited (ASIPL), Baranda	Wind	17.20	13.58	-3.62	-21.05
Apraava Khkrda Jam	Wind	32.34	23.18	-9.16	-28.32
Netra Kotda	Wind	25.62	13.79	-11.83	-46.17
Powerica Wind	Wind	6.37	4.07	-2.30	-36.11

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of October 2024

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Torrent Sidpur Jam	Wind	15.25	10.75	-4.50	-29.51
SITAC	Wind	46.23	36.05	-10.18	-22.02
SRIJAN	Wind	18.52	11.13	-7.39	-39.90
NVWEPL_DAYAPAR_BHJ_W	Wind	50.50	23.51	-26.99	-53.45
SGEL RSP	Wind	17.50	17.43	-0.07	-0.40
TPSOURY_KWAI_NMCH	Solar	64.39	58.65	-5.74	-8.91
Southern Region					
Beetam(Tuticorin)	Wind	31.91	21.01	-10.90	-34.16
GRTJIPL	Solar	24.04	25.12	1.08	4.49
Mytra	Wind	32.76	17.73	-15.03	-45.88
Orange	Wind	25.83	16.41	-9.42	-36.47
Green Infra	Wind	34.65	22.02	-12.63	-36.45
Hiriyur Ostro	Wind	36.93	18.90	-18.03	-48.82
Sprng Renewable Energy Pvt Ltd(Pugalur)	Wind	34.13	9.84	-24.29	-71.17
JSW Renew Energy Two Limited (Tuticorin)	Wind	43.75	28.50	-15.25	-34.86
JSW Savlaperi	Wind	35.56	26.80	-8.76	-24.63
Ettayapuram NTPC	Solar	41.72	36.89	-4.83	-11.58
ARPSPL KOPPAL	Wind	37.60	21.34	-16.26	-43.24
RSOPL KOPPAL	Wind	32.44	26.77	-5.67	-17.48
RSRPL KOPPAL	Wind	34.69	20.25	-14.44	-41.63
Serentica_koppal	Wind	27.42	26.41	-1.01	-3.68
Ramagundam Floating Solar	Solar	17.97	17.32	-0.65	-3.62
Simhadri Floating Solar	Solar	2.45	2.73	0.28	11.43

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 October 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of October 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	1.00	1.00	1.00	100.00
Delhi	0.00	306.41	0.00	0.00	63.31	63.31	369.72	17.12
Haryana	2643.97	0.00	0.00	0.00	205.23	205.23	2849.20	7.20
HP	0.00	0.00	0.00	2666.14	478.69	3144.83	3144.83	100.00
J & K	0.00	0.00	0.00	895.49	23.14	918.63	918.63	100.00
Ladakh	0.00	0.00	0.00	35.07	0.00	35.07	35.07	100.00
Punjab	2883.30	0.00	0.00	294.86	228.96	523.82	3407.12	15.37
Rajasthan	4983.14	61.62	735.07	85.73	4650.70	5471.50	10516.26	52.03
Uttar Pradesh	14047.42	54.75	317.82	235.58	457.33	1010.73	15112.90	6.69
Uttarakhand	0.00	0.00	0.00	1241.59	77.81	1319.40	1319.40	100.00
Northern Region Total	24557.83	422.78	1052.89	5454.46	6186.17	12693.52	37674.13	33.69
WESTERN REGION								
Chhattisgarh	13343.74	0.00	0.00	77.61	289.91	367.52	13711.26	2.68
Gujarat	7565.29	608.09	756.70	966.65	2509.36	4232.71	12406.09	34.12
Madhya Pradesh	11940.14	0.00	0.00	705.51	910.82	1616.33	13556.47	11.92
Maharashtra	10470.31	439.37	793.67	336.78	1331.38	2461.83	13371.51	18.41
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.35	2.35	2.35	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	43319.48	1047.46	1550.37	2086.55	5049.25	8686.17	53053.11	16.37
SOUTHERN REGION								
Andhra Pradesh	6025.37	0.00	0.00	585.92	895.21	1481.13	7506.50	19.73

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of October 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	4709.78	0.00	0.00	1383.04	617.25	2000.29	6710.07	29.81
Karnataka	3152.81	0.00	638.17	1420.05	2254.22	4312.44	7465.25	57.77
Kerala	0.00	0.00	0.00	502.53	247.91	750.44	750.44	100.00
Tamil Nadu	6367.91	137.63	1527.49	490.65	2019.85	4037.99	10543.53	38.30
Lakshadweep	5.14	0.00	0.00	0.00	0.01	0.01	5.15	0.15
Puducherry	0.00	17.82	0.00	0.00	1.02	1.02	18.84	5.41
Southern Region Total	20261.01	155.45	2165.66	4382.19	6035.46	12583.31	32999.77	38.13
EASTERN REGION								
Andaman Nicobar	29.52	0.00	0.00	0.00	3.81	3.81	33.33	11.43
Bihar	5465.86	0.00	0.00	0.00	26.78	26.78	5492.64	0.49
Jharkhand	3310.16	0.00	0.00	51.98	1.47	53.45	3363.61	1.59
Odisha	6055.52	0.00	0.00	1015.58	141.39	1156.97	7212.49	16.04
Sikkim	0.00	0.00	0.00	273.80	1.03	274.83	274.83	100.00
West Bengal	8319.28	0.00	0.00	300.04	178.90	478.94	8798.22	5.44
Eastern Region Total	23180.34	0.00	0.00	1641.40	353.39	1994.79	25175.13	7.92
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	569.00	0.17	569.17	569.17	100.00
Assam	452.58	272.04	0.00	113.34	43.83	157.17	881.79	17.82
Manipur	0.00	0.00	0.00	78.04	0.70	78.75	78.75	100.00
Meghalaya	0.00	0.00	0.00	77.68	13.62	91.30	91.30	100.00
Mizoram	0.00	0.00	0.00	43.18	5.64	48.82	48.82	100.00
Nagaland	0.00	0.00	0.00	10.04	13.61	23.65	23.65	100.00
Tripura	0.00	432.75	0.00	0.00	0.52	0.52	433.27	0.12
North Eastern Region Total	452.58	704.79	0.00	891.28	78.10	969.38	2126.75	45.58
All India Total	111771.24	2330.48	4768.92	14455.88	17702.37	36927.17	151028.89	24.45

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

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – October 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	6.49	6.49	6.49	100.00
Delhi	0.00	3213.26	0.00	0.00	448.73	448.73	3661.99	12.25
Haryana	19289.82	215.37	0.00	0.00	1263.87	1263.87	20769.06	6.09
HP	0.00	0.00	0.00	32559.38	2612.27	35171.65	35171.65	100.00
J & K	0.00	0.00	0.00	12680.20	324.64	13004.84	13004.84	100.00
Ladakh	0.00	0.00	0.00	337.18	0.00	337.18	337.18	100.00
Punjab	21514.94	0.00	0.00	2882.22	1883.34	4765.56	26280.50	18.13
Rajasthan	37196.25	630.94	4470.79	253.38	33286.78	38010.95	75838.14	50.12
Uttar Pradesh	98317.44	1125.84	2152.27	841.37	3328.78	6322.42	105765.70	5.98
Uttarakhand	0.00	836.59	0.00	11179.67	544.67	11724.34	12560.93	93.34
Northern Region Total	176318.45	6022.00	6623.06	60733.40	43699.57	111056.03	293396.48	37.85
WESTERN REGION								
Chhattisgarh	95205.87	0.00	0.00	276.23	1808.15	2084.38	97290.25	2.14
Gujarat	50607.97	7671.15	6896.96	4471.76	26651.09	38019.81	96298.93	39.48
Madhya Pradesh	83465.70	0.00	0.00	5309.75	6992.00	12301.75	95767.45	12.85
Maharashtra	75741.16	3721.06	5499.29	3456.03	11122.52	20077.84	99540.06	20.17
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	15.80	15.80	15.80	100.00
Goa	0.00	0.00	0.00	0.00	38.06	38.06	38.06	100.00
Western Region Total	305020.70	11392.21	12396.25	13513.77	46627.63	72537.65	388950.56	18.65
SOUTHERN REGION								
Andhra Pradesh	41897.47	30.97	0.00	2290.96	10406.00	12696.96	54625.40	23.24
Telangana	32689.12	0.00	0.00	4170.64	4284.02	8454.66	41143.78	20.55
Karnataka	24434.63	0.00	4529.01	7535.48	20327.46	32391.95	56826.58	57.00
Kerala	1.53	0.00	0.00	4589.96	1683.14	6273.10	6274.63	99.98

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – October 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	44592.83	1007.10	9547.22	2678.29	23199.07	35424.58	81024.51	43.72
Lakshadweep	39.04	0.00	0.00	0.00	0.05	0.05	39.09	0.14
Puducherry	0.00	123.23	0.00	0.00	7.14	7.14	130.37	5.48
Southern Region Total	143654.62	1161.30	14076.23	21265.33	59906.87	95248.43	240064.35	39.68
EASTERN REGION								
Andaman Nicobar	216.41	0.00	0.00	0.00	23.32	23.32	239.73	9.73
Bihar	35957.51	0.00	0.00	0.00	203.71	203.71	36161.22	0.56
Jharkhand	23342.04	0.00	0.00	203.59	11.29	214.88	23556.92	0.91
Odisha	38585.71	0.00	0.00	4348.20	808.60	5156.80	43742.51	11.79
Sikkim	0.00	0.00	0.00	1640.87	7.21	1648.08	1648.08	100.00
West Bengal	54657.30	0.00	0.00	1817.12	1123.40	2940.52	57597.82	5.11
Eastern Region Total	152758.97	0.00	0.00	8009.78	2177.53	10187.31	162946.28	6.25
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	3218.97	0.98	3219.95	3219.95	100.00
Assam	3019.87	1965.77	0.00	732.57	333.28	1065.85	6051.49	17.61
Manipur	0.00	0.00	0.00	426.31	4.97	431.28	431.28	100.00
Meghalaya	0.00	0.00	0.00	752.82	91.56	844.38	844.38	100.00
Mizoram	0.00	0.00	0.00	194.83	49.27	244.10	244.10	100.00
Nagaland	0.00	0.00	0.00	189.41	65.79	255.20	255.20	100.00
Tripura	0.00	2961.85	0.00	0.00	3.35	3.35	2965.20	0.11
North Eastern Region Total	3019.87	4927.62	0.00	5514.91	549.21	6064.12	14011.61	43.28
All India Total	780772.61	23503.13	33095.54	109037.19	152960.81	295093.54	1099369.28	26.84

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

Renewable Energy (State Wise) Generation(MU) for the Month of October 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	1.00	1.00	1.00	100.00
Delhi	0.00	306.41	0.00	0.00	63.31	63.31	369.72	17.12
Haryana	2643.97	0.00	0.00	0.00	205.23	205.23	2849.20	7.20
HP	0.00	0.00	0.00	2666.14	478.69	3144.83	3144.83	100.00
J & K	0.00	0.00	0.00	895.49	23.14	918.63	918.63	100.00
Ladakh	0.00	0.00	0.00	35.07	0.00	35.07	35.07	100.00
Punjab	2883.30	0.00	0.00	294.86	228.96	523.82	3407.12	15.37
Rajasthan	4983.14	61.62	735.07	85.73	4650.70	4736.43	10516.26	45.04
Uttar Pradesh	14047.42	54.75	317.82	235.58	457.33	692.91	15112.90	4.58
Uttarakhand	0.00	0.00	0.00	1241.59	77.81	1319.40	1319.40	100.00
Northern Region Total	24557.83	422.78	1052.89	5454.46	6186.17	11640.63	37674.13	30.90
WESTERN REGION								
Chhattisgarh	13343.74	0.00	0.00	77.61	289.91	367.52	13711.26	2.68
Gujarat	7565.29	608.09	756.70	966.65	2509.36	3476.01	12406.09	28.02
Madhya Pradesh	11940.14	0.00	0.00	705.51	910.82	1616.33	13556.47	11.92
Maharashtra	10470.31	439.37	793.67	336.78	1331.38	1668.16	13371.51	12.48
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.35	2.35	2.35	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	43319.48	1047.46	1550.37	2086.55	5049.25	7135.80	53053.11	13.45
SOUTHERN REGION								
Andhra Pradesh	6025.37	0.00	0.00	585.92	895.21	1481.13	7506.50	19.73
Telangana	4709.78	0.00	0.00	1383.04	617.25	2000.29	6710.07	29.81
Karnataka	3152.81	0.00	638.17	1420.05	2254.22	3674.27	7465.25	49.22

Renewable Energy (State Wise) Generation(MU) for the Month of October 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	502.53	247.91	750.44	750.44	100.00
Tamil Nadu	6367.91	137.63	1527.49	490.65	2019.85	2510.50	10543.53	23.81
Lakshadweep	5.14	0.00	0.00	0.00	0.01	0.01	5.15	0.15
Puducherry	0.00	17.82	0.00	0.00	1.02	1.02	18.84	5.41
Southern Region Total	20261.01	155.45	2165.66	4382.19	6035.46	10417.65	32999.77	31.57
EASTERN REGION								
Andaman Nicobar	29.52	0.00	0.00	0.00	3.81	3.81	33.33	11.43
Bihar	5465.86	0.00	0.00	0.00	26.78	26.78	5492.64	0.49
Jharkhand	3310.16	0.00	0.00	51.98	1.47	53.45	3363.61	1.59
Odisha	6055.52	0.00	0.00	1015.58	141.39	1156.97	7212.49	16.04
Sikkim	0.00	0.00	0.00	273.80	1.03	274.83	274.83	100.00
West Bengal	8319.28	0.00	0.00	300.04	178.90	478.94	8798.22	5.44
Eastern Region Total	23180.34	0.00	0.00	1641.40	353.39	1994.79	25175.13	7.92
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	569.00	0.17	569.17	569.17	100.00
Assam	452.58	272.04	0.00	113.34	43.83	157.17	881.79	17.82
Manipur	0.00	0.00	0.00	78.04	0.70	78.75	78.75	100.00
Meghalaya	0.00	0.00	0.00	77.68	13.62	91.30	91.30	100.00
Mizoram	0.00	0.00	0.00	43.18	5.64	48.82	48.82	100.00
Nagaland	0.00	0.00	0.00	10.04	13.61	23.65	23.65	100.00
Tripura	0.00	432.75	0.00	0.00	0.52	0.52	433.27	0.12
North Eastern Region Total	452.58	704.79	0.00	891.28	78.10	969.38	2126.75	45.58
All India Total	111771.24	2330.48	4768.92	14455.88	17702.37	32158.25	151028.89	21.29

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

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- October 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	6.49	6.49	6.49	100.00
Delhi	0.00	3213.26	0.00	0.00	448.73	448.73	3661.99	12.25
Haryana	19289.82	215.37	0.00	0.00	1263.87	1263.87	20769.06	6.09
HP	0.00	0.00	0.00	32559.38	2612.27	35171.65	35171.65	100.00
J & K	0.00	0.00	0.00	12680.20	324.64	13004.84	13004.84	100.00
Ladakh	0.00	0.00	0.00	337.18	0.00	337.18	337.18	100.00
Punjab	21514.94	0.00	0.00	2882.22	1883.34	4765.56	26280.50	18.13
Rajasthan	37196.25	630.94	4470.79	253.38	33286.78	33540.16	75838.14	44.23
Uttar Pradesh	98317.44	1125.84	2152.27	841.37	3328.78	4170.15	105765.70	3.94
Uttarakhand	0.00	836.59	0.00	11179.67	544.67	11724.34	12560.93	93.34
Northern Region Total	176318.45	6022.00	6623.06	60733.40	43699.57	104432.97	293396.48	35.59
WESTERN REGION								
Chhattisgarh	95205.87	0.00	0.00	276.23	1808.15	2084.38	97290.25	2.14
Gujarat	50607.97	7671.15	6896.96	4471.76	26651.09	31122.85	96298.93	32.32
Madhya Pradesh	83465.70	0.00	0.00	5309.75	6992.00	12301.75	95767.45	12.85
Maharashtra	75741.16	3721.06	5499.29	3456.03	11122.52	14578.55	99540.06	14.65
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	15.80	15.80	15.80	100.00
Goa	0.00	0.00	0.00	0.00	38.06	38.06	38.06	100.00
Western Region Total	305020.70	11392.21	12396.25	13513.77	46627.63	60141.40	388950.56	15.46
SOUTHERN REGION								
Andhra Pradesh	41897.47	30.97	0.00	2290.96	10406.00	12696.96	54625.40	23.24
Telangana	32689.12	0.00	0.00	4170.64	4284.02	8454.66	41143.78	20.55
Karnataka	24434.63	0.00	4529.01	7535.48	20327.46	27862.94	56826.58	49.03

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- October 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	4589.96	1683.14	6273.10	6274.63	99.98
Tamil Nadu	44592.83	1007.10	9547.22	2678.29	23199.07	25877.36	81024.51	31.94
Lakshadweep	39.04	0.00	0.00	0.00	0.05	0.05	39.09	0.14
Puducherry	0.00	123.23	0.00	0.00	7.14	7.14	130.37	5.48
Southern Region Total	143654.62	1161.30	14076.23	21265.33	59906.87	81172.20	240064.35	33.81
EASTERN REGION								
Andaman Nicobar	216.41	0.00	0.00	0.00	23.32	23.32	239.73	9.73
Bihar	35957.51	0.00	0.00	0.00	203.71	203.71	36161.22	0.56
Jharkhand	23342.04	0.00	0.00	203.59	11.29	214.88	23556.92	0.91
Odisha	38585.71	0.00	0.00	4348.20	808.60	5156.80	43742.51	11.79
Sikkim	0.00	0.00	0.00	1640.87	7.21	1648.08	1648.08	100.00
West Bengal	54657.30	0.00	0.00	1817.12	1123.40	2940.52	57597.82	5.11
Eastern Region Total	152758.97	0.00	0.00	8009.78	2177.53	10187.31	162946.28	6.25
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	3218.97	0.98	3219.95	3219.95	100.00
Assam	3019.87	1965.77	0.00	732.57	333.28	1065.85	6051.49	17.61
Manipur	0.00	0.00	0.00	426.31	4.97	431.28	431.28	100.00
Meghalaya	0.00	0.00	0.00	752.82	91.56	844.38	844.38	100.00
Mizoram	0.00	0.00	0.00	194.83	49.27	244.10	244.10	100.00
Nagaland	0.00	0.00	0.00	189.41	65.79	255.20	255.20	100.00
Tripura	0.00	2961.85	0.00	0.00	3.35	3.35	2965.20	0.11
North Eastern Region Total	3019.87	4927.62	0.00	5514.91	549.21	6064.12	14011.61	43.28
All India Total	780772.61	23503.13	33095.54	109037.19	152960.81	261998.00	1099369.28	23.83

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

RE generation(MUs) data (source wise) for the month of October -2024 and October 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23
NORTHERN REGION														
Chandigarh	0.00	0.00	1.00	1.19	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	1.00	0.00	0.00	0.00	0.00	0.00	0.00	46.10	44.00	0.00	0.00
Haryana	0.00	0.00	135.36	114.02	31.43	19.35	0.00	0.00	34.58	27.03	3.86	5.77	0.00	0.00
Himachal Pradesh	0.00	0.00	7.72	4.77	0.00	0.00	0.00	0.00	470.97	226.47	0.00	0.00	2666.14	2481.27
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.14	24.85	0.00	0.00	895.49	984.20
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	35.07	29.59
Punjab	0.00	0.00	123.58	303.59	68.95	49.21	5.70	2.83	30.73	52.86	0.00	0.00	294.86	355.00
Rajasthan	337.20	601.11	4278.62	3267.98	34.82	35.71	0.00	0.00	0.06	0.40	0.00	0.00	85.73	70.50
Uttar Pradesh	0.00	0.00	420.87	368.24	4.01	0.39	20.62	14.20	11.03	22.60	0.80	1.50	235.58	98.47
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	1241.59	1088.32
Northern Region	337.20	601.11	5012.02	4088.45	139.21	104.65	47.03	37.74	599.96	383.67	50.76	51.27	5454.46	5107.35
WESTERN REGION														
Chhattisgarh	0.00	0.00	127.78	93.03	134.18	105.01	0.00	0.00	27.95	28.14	0.00	0.00	77.61	58.35
Gujarat	877.91	900.72	1614.25	1221.38	7.02	0.00	0.00	0.00	10.18	15.67	0.00	0.00	966.65	609.01
Madhya Pradesh	199.15	258.61	649.72	341.20	7.42	5.86	0.01	0.01	48.82	40.93	5.70	3.00	705.51	705.20
Maharashtra	528.74	292.46	684.75	545.96	16.29	26.33	12.96	11.56	81.49	52.94	7.15	3.19	336.78	533.22
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.23	1.42	1.12	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	4.76	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.00

RE generation(MUs) data (source wise) for the month of October -2024 and October 2023

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23
Western Region	1605.80	1451.80	3082.49	2207.74	166.02	138.35	12.97	11.57	168.45	137.67	13.52	6.87	2086.55	1905.78
SOUTHERN REGION														
Andhra Pradesh	206.84	333.12	618.85	730.80	1.57	0.46	6.44	3.35	38.66	8.51	22.85	25.37	585.92	126.98
Telangana	12.19	15.13	562.36	639.91	0.26	0.05	0.01	0.06	20.06	11.13	22.37	14.40	1383.04	160.00
Karnataka	394.08	505.13	1402.96	1334.01	15.07	1.57	73.78	95.99	368.32	187.01	0.00	0.00	1420.05	865.34
Kerala	4.59	5.94	143.88	90.37	0.00	0.00	0.00	6.14	93.17	104.08	6.26	0.00	502.53	426.60
Tamil Nadu	677.58	636.12	1283.71	971.20	8.23	12.18	24.15	27.12	26.18	20.81	0.00	0.00	490.65	388.63
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	1295.28	1495.44	4012.79	3767.32	25.13	14.25	104.38	132.65	546.39	331.55	51.48	39.77	4382.19	1967.55
EASTERN REGION														
Andaman Nicobar	0.00	0.00	2.03	1.51	0.00	0.00	0.00	0.00	1.78	1.81	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	25.16	19.19	0.00	0.00	1.62	1.20	0.00	1.18	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	51.98	76.20
Odisha	0.00	0.00	68.42	70.00	7.54	9.41	0.00	0.00	65.44	56.51	0.00	0.00	1015.58	835.74
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	273.80	352.30
West Bengal	0.00	0.00	28.44	18.59	0.00	0.00	0.00	0.00	20.26	20.96	130.20	130.48	300.04	250.91
Eastern Region	0.00	0.00	125.52	110.76	7.54	9.41	1.62	1.20	88.51	81.49	130.20	130.48	1641.40	1515.15

RE generation(MUs) data (source wise) for the month of October -2024 and October 2023

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23	October'24	October'23
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.12	0.19	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.00	569.00	448.22
Assam	0.00	0.00	19.57	27.67	0.00	0.00	0.00	0.00	24.24	6.10	0.02	0.07	113.34	125.33
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	78.04	50.43
Megh alaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.62	7.03	0.00	0.00	77.68	82.88
Mizoram	0.00	0.00	2.88	0.27	0.00	0.00	0.00	0.00	2.76	7.99	0.00	0.00	43.18	21.14
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.61	10.05	0.00	0.00	10.04	16.62
Tripura	0.00	0.00	0.52	0.51	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	23.80	29.27	0.00	0.00	0.00	0.00	54.28	31.23	0.02	0.07	891.28	744.62
All India Total	3238.28	3548.34	12256.61	10203.54	337.90	266.66	166.00	183.16	1457.59	965.61	245.98	228.46	14455.88	11240.45

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

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23
NORTHERN REGION														
Chandigarh	0.00	0.00	6.49	8.73	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	120.48	120.48	0.00	0.00	0.00	0.00	0.00	0.00	328.25	289.19	0.00	0.00
Haryana	0.00	0.00	858.92	507.82	199.08	177.41	44.60	51.24	127.94	136.52	33.33	35.77	0.00	0.00
Himachal Pradesh	0.00	0.00	51.39	34.39	0.00	0.00	0.00	0.00	2560.88	2074.27	0.00	0.00	32559.38	29199.41
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	324.64	310.33	0.00	0.00	12680.20	12899.56
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	337.18	307.32
Punjab	0.00	0.00	879.84	2259.69	386.88	324.90	135.48	46.87	481.14	452.61	0.00	0.00	2882.22	3214.53
Rajasthan	4670.12	6008.87	28393.50	22968.82	222.30	211.95	0.00	0.00	0.86	1.03	0.00	0.00	253.38	363.07
Uttar Pradesh	0.00	0.00	2891.84	2444.27	19.13	19.82	306.13	602.90	91.80	95.91	19.89	69.82	841.37	606.99
Uttarakhand	0.00	0.00	193.55	193.55	0.00	0.00	144.97	144.97	206.15	206.15	0.00	0.00	11179.67	10317.53
Northern Region	4670.12	6008.87	33396.01	28537.75	827.38	734.08	631.18	845.98	3793.41	3276.82	381.47	394.78	60733.40	56908.41
WESTERN REGION														
Chhattisgarh	0.00	0.00	847.20	479.63	848.08	798.28	3.35	4.55	109.52	118.43	0.00	0.00	276.23	243.84
Gujarat	16210.41	16498.48	10323.94	7413.61	17.85	0.00	0.00	0.00	98.89	110.64	0.00	0.00	4471.76	3207.28
Madhya Pradesh	3185.99	3465.19	3423.76	2094.33	30.71	50.52	37.36	9.94	279.30	273.43	34.89	14.58	5309.75	4505.03
Maharashtra	6089.63	6416.33	3917.15	3237.00	154.15	181.10	410.34	349.62	499.48	555.32	51.77	3.32	3456.03	3810.12
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	8.74	8.68	7.06	7.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	33.31	36.20	0.00	0.00	0.00	0.00	0.00	0.00	4.75	4.57	0.00	0.00

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23
Western Region	25486.03	26380.00	18554.11	13269.45	1057.86	1037.37	451.05	364.12	987.18	1057.81	91.41	22.47	13513.77	11766.27
SOUTHERN REGION														
Andhra Pradesh	5505.15	6471.94	4594.97	4846.51	8.99	11.15	16.61	15.82	98.30	80.86	181.98	178.41	2290.96	869.00
Telangana	199.20	200.94	3881.61	3973.28	5.66	2.27	0.07	11.48	47.24	37.20	150.26	82.56	4170.64	921.26
Karnataka	9437.87	7920.57	8770.56	8842.95	20.48	35.82	496.40	645.72	1602.15	1019.91	0.00	0.00	7535.48	6432.36
Kerala	88.12	183.02	933.14	644.39	0.00	0.00	20.53	46.83	612.80	494.46	28.55	0.02	4589.96	3225.72
Tamil Nadu	13740.08	14001.98	9034.65	6943.12	65.60	73.28	216.80	337.55	141.93	96.15	0.00	0.00	2678.29	2335.28
Lakshadweep	0.00	0.00	0.05	0.05	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	7.14	7.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	28970.42	28778.45	27222.12	25257.45	100.73	122.52	750.41	1057.41	2502.42	1728.58	360.78	260.99	21265.33	13783.62
EASTERN REGION														
Andaman Nicobar	0.00	0.00	14.07	13.59	0.00	0.00	0.00	0.00	9.26	6.57	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	188.54	109.48	0.00	0.00	3.27	37.51	11.90	5.38	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	10.29	10.29	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	203.59	145.56
Odisha	0.00	0.00	447.98	425.81	38.58	55.56	0.00	0.00	322.05	305.20	0.00	0.00	4348.20	4247.14
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.21	7.21	0.00	0.00	1640.87	8311.34
West Bengal	0.00	0.00	157.23	85.90	0.00	0.00	0.00	0.00	110.25	133.12	855.92	904.51	1817.12	2048.59
Eastern Region	0.00	0.00	818.10	645.06	38.58	55.56	3.27	37.51	461.65	457.47	855.92	904.51	8009.78	14752.63
NORTH-EASTERN REGION														

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23	Apr'24-Oct'24	Apr'23-Oct'23
Arunachal Pradesh	0.00	0.00	0.64	1.31	0.00	0.00	0.00	0.00	0.34	0.41	0.00	0.00	3218.97	3327.28
Assam	0.00	0.00	175.55	183.65	0.00	0.00	0.00	0.00	157.51	45.75	0.22	0.22	732.57	409.23
Manipur	0.00	0.00	4.97	4.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	426.31	183.55
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.56	39.54	0.00	0.00	752.82	629.71
Mizoram	0.00	0.00	10.96	1.86	0.00	0.00	0.00	0.00	38.31	55.96	0.00	0.00	194.83	65.53
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.79	62.03	0.00	0.00	189.41	143.15
Tripura	0.00	0.00	3.35	3.04	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	195.47	194.42	0.00	0.00	0.00	0.00	353.51	203.69	0.22	1.45	5514.91	4758.45
All India Total	59126.57	61167.32	80185.80	67904.13	2024.54	1949.53	1835.91	2305.02	8098.18	6724.37	1689.80	1584.20	109037.19	101969.38



This report is published by
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