



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

April-2024/ अप्रैल -2024

नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

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Highlights of RE GENERATION

1. RE capacity addition during April 2024 has been 1107.04 MW (Solar – 824.26 MW, Wind – 275.28 MW, Small hydro – 2.00 MW, Others– 5.50 MW).
2. All India RE generation during April 2024 has increased by 5.23 % as compared to April 2023.
3. Large Hydro Power generation during April 2024 as compared to April 2023 has decreased by 7.10 %.
4. Solar Power generation during April 2024 as compared to April 2023 has increased by 16.50 % on All India Basis except Punjab, Andhra Pradesh.
5. Wind Power generation during April 2024 as compared to April 2023 has increased by 11.30 % on All India Basis except Rajasthan, Madhya Pradesh.
6. Biomass Power generation during April 2024 as compared to April 2023 has decreased by 5.71 %
7. Bagasse power generation during April 2024 as compared to April 2023 has decreased by 21.91 %.
8. Others (Waste to Energy) Power generation has increased by 2.78 % during April 2024 as compared to April 2023 on All India basis except Uttar Pradesh, West Bengal.
9. Small Hydro Power generation during April 2024 as compared to April 2023 has increased by 1.30 %.
10. The generation from ISGS stations (Solar and wind plants) for the month of April 2024 is 5254.47 MUs which is 19.65 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of April 2024 is 772.47 MUs which is 2.89 % of the Monthly RE generation during the month.

All India RE Capacity Addition

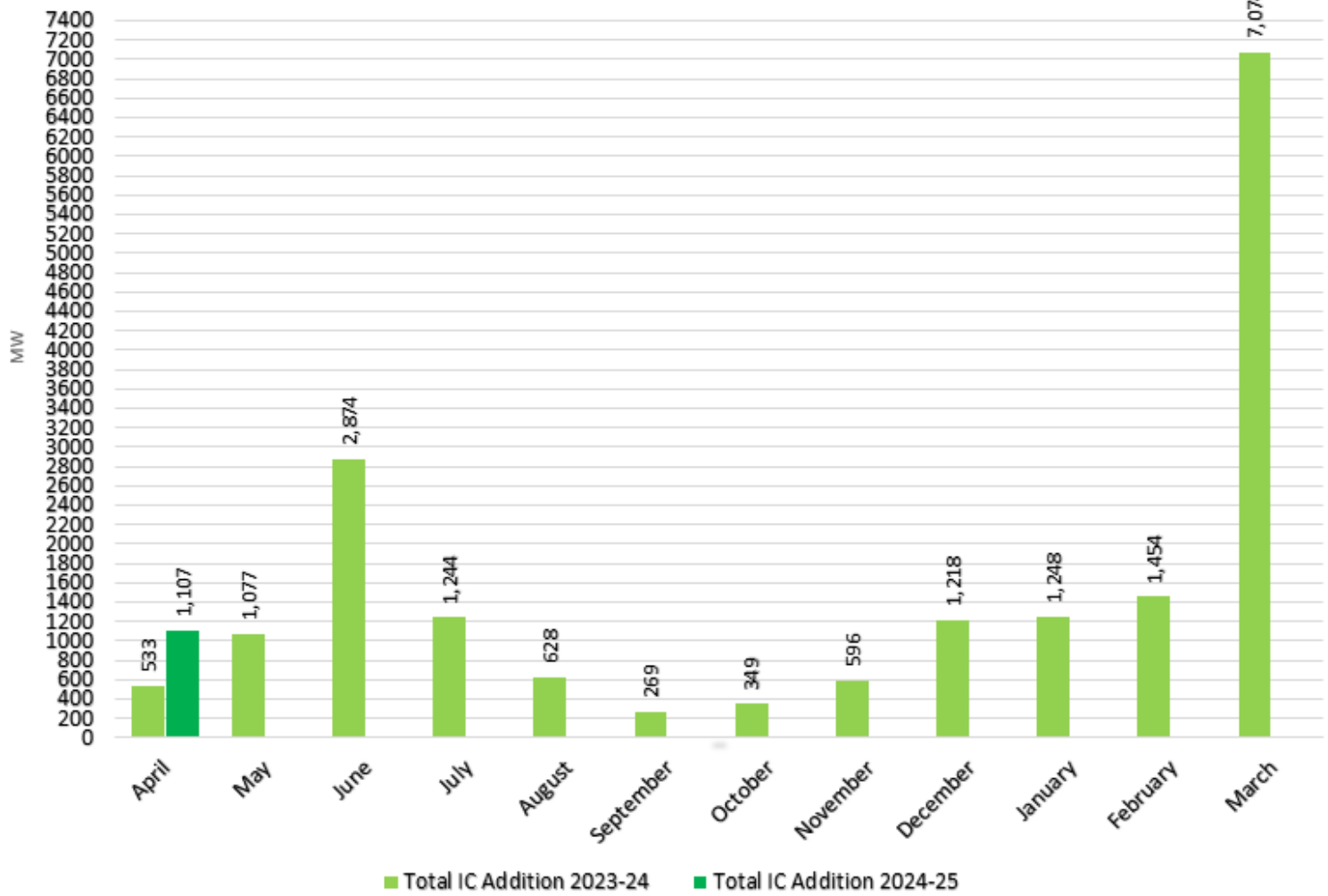


Figure 1: All India Month wise RE Capacity Addition

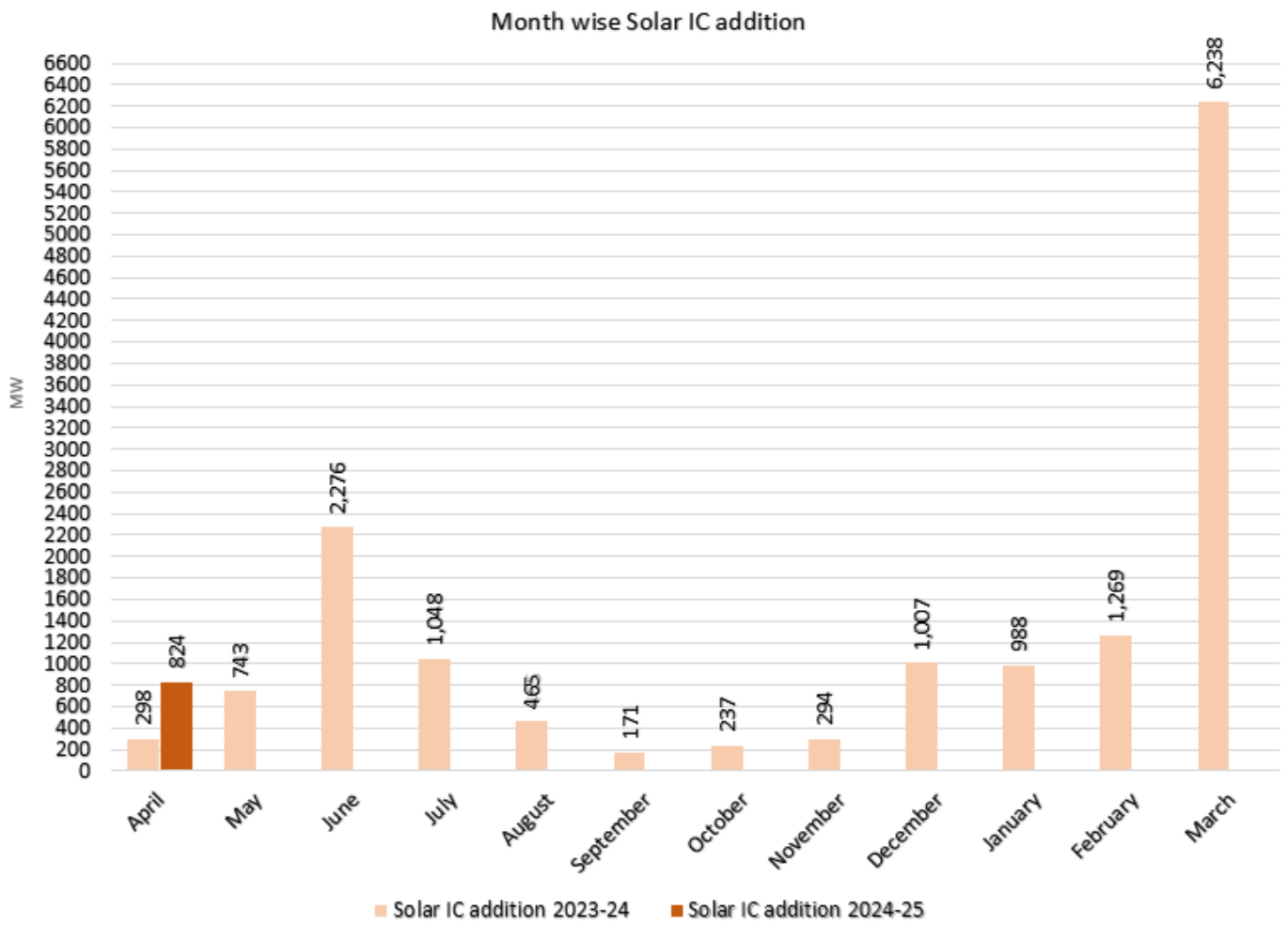


Figure 2: All India Month wise Solar Capacity Addition

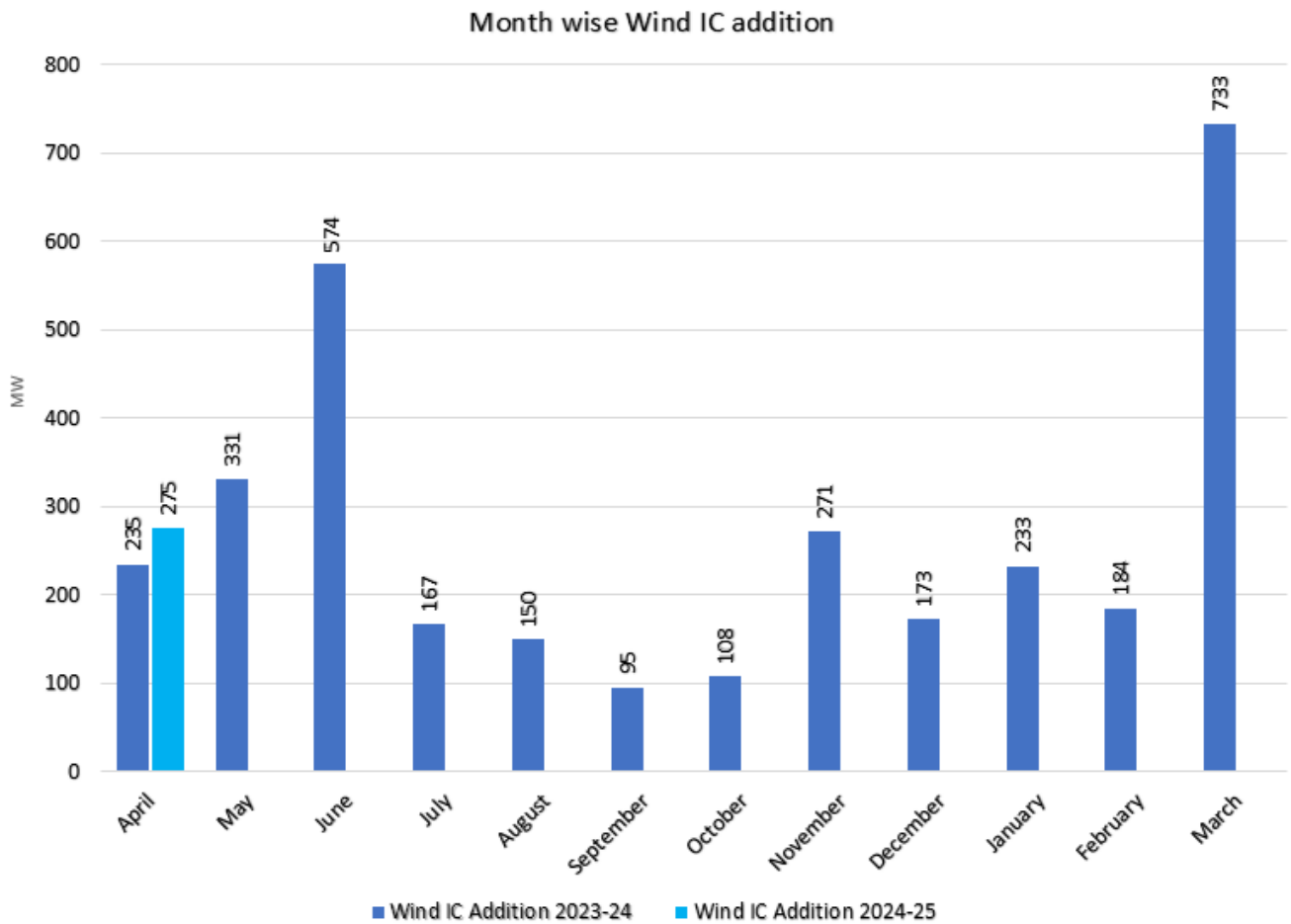


Figure 3: All India Month wise Wind Capacity Addition

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

Increased by 107.89 % as compared to April 23.

Decreased by 84.35 % as compared to March 24.

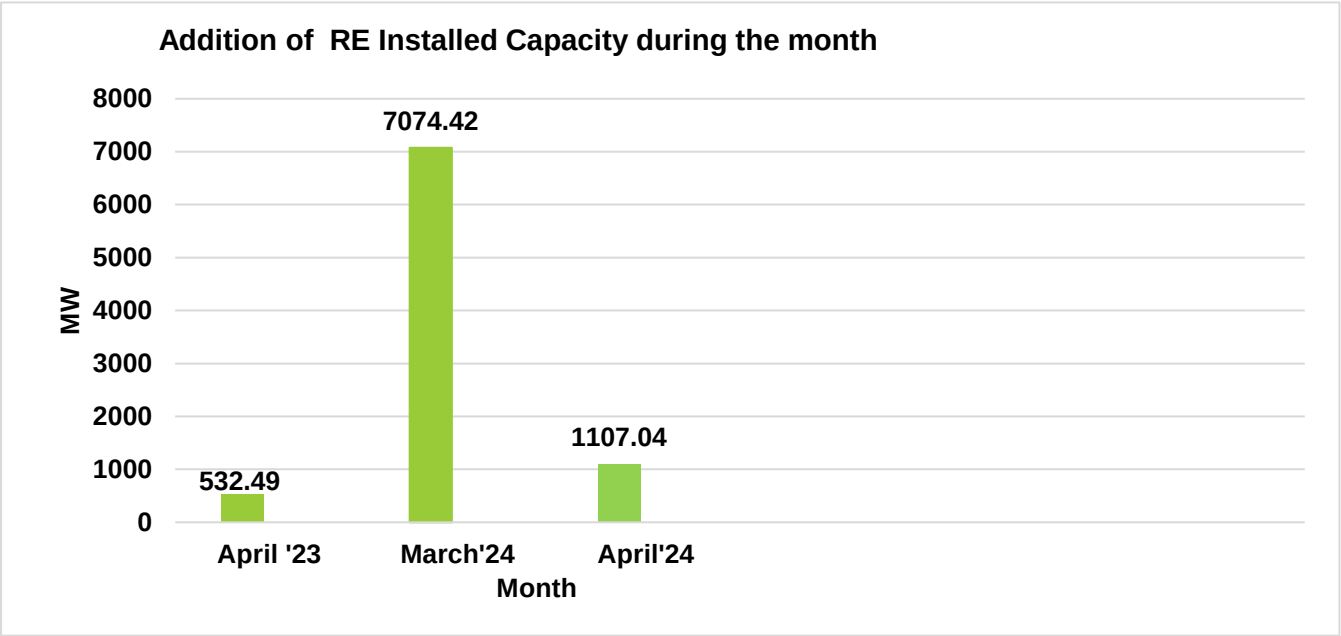


Figure 4: RE capacity added during the Month

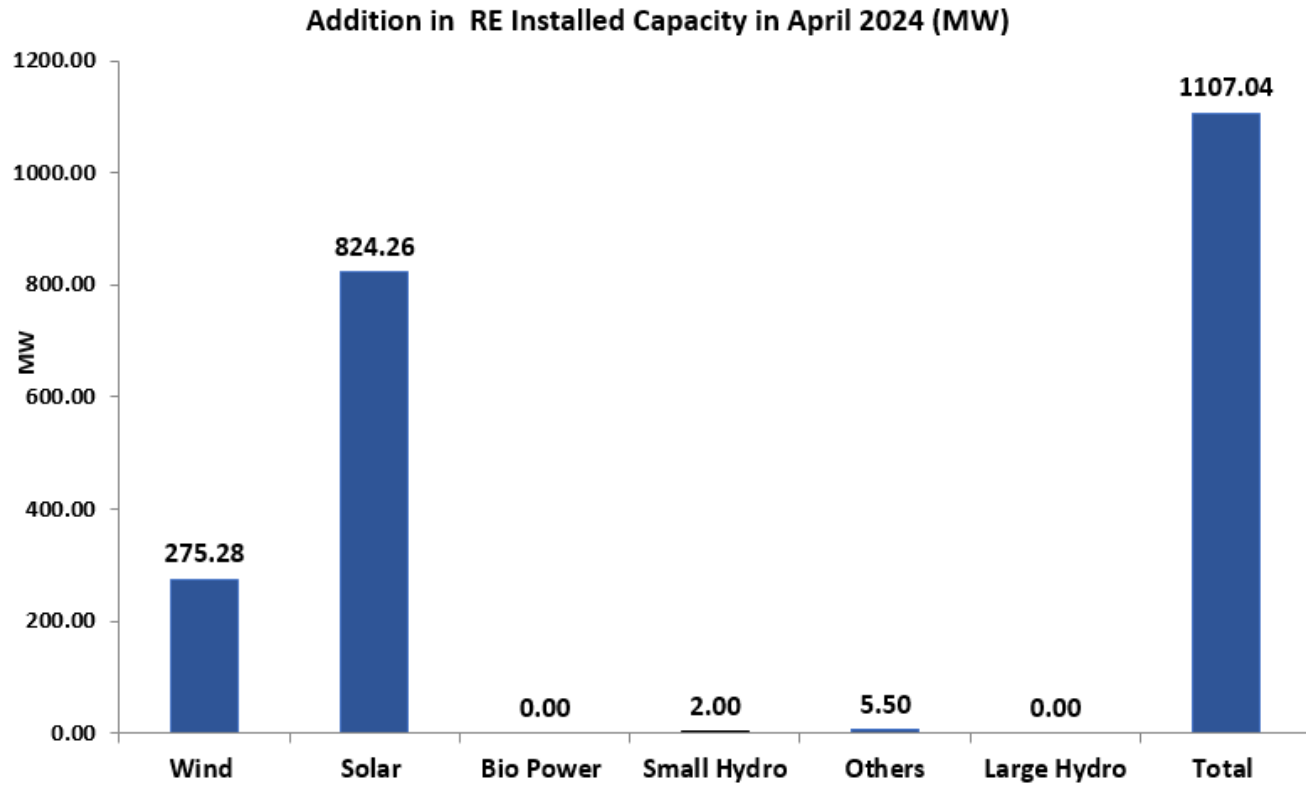


Figure 5: Source wise addition in RE Installed Capacity in April 24

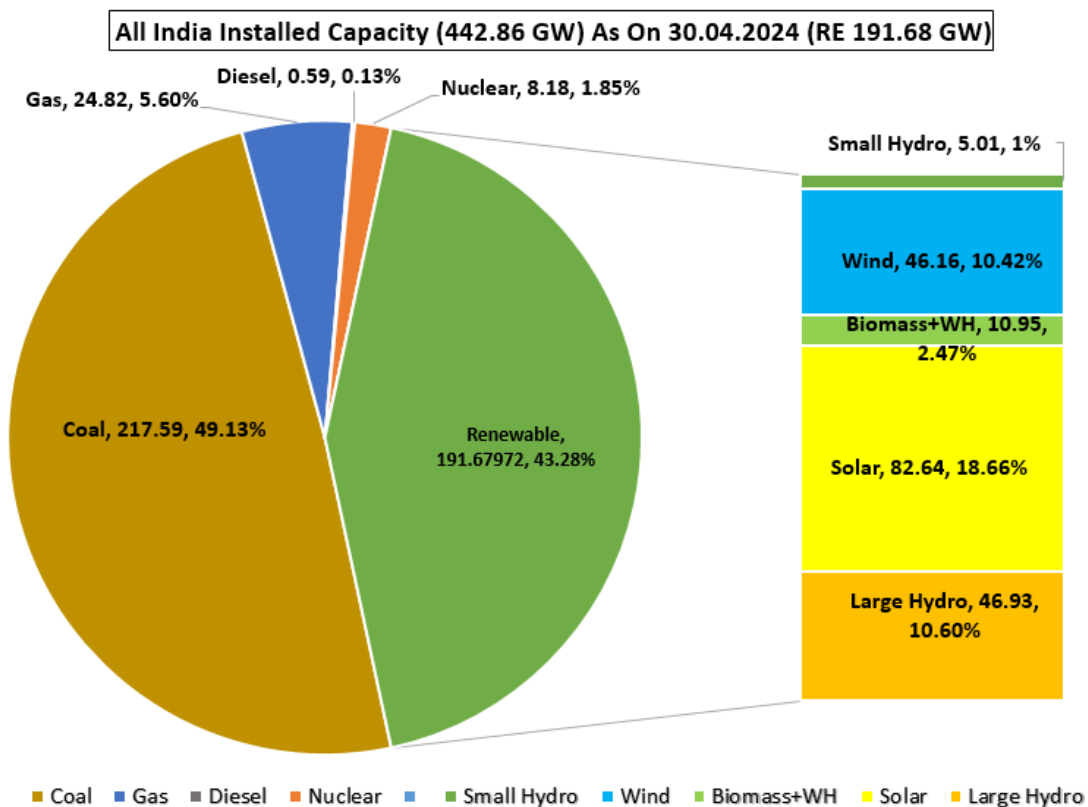


Figure 6: Installed Capacity in India as on 30.04.2024

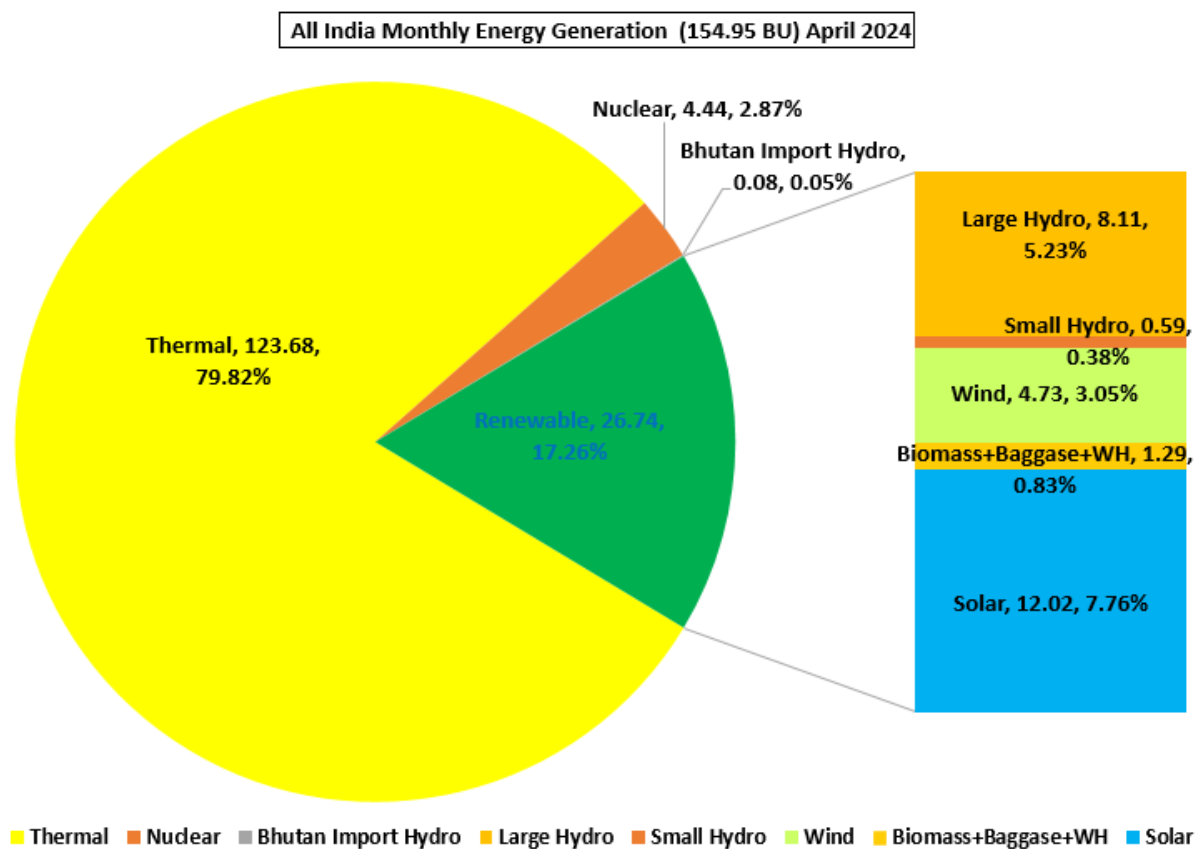


Figure 7: Total Energy Generation in India and Share of RE in the month of April 2024

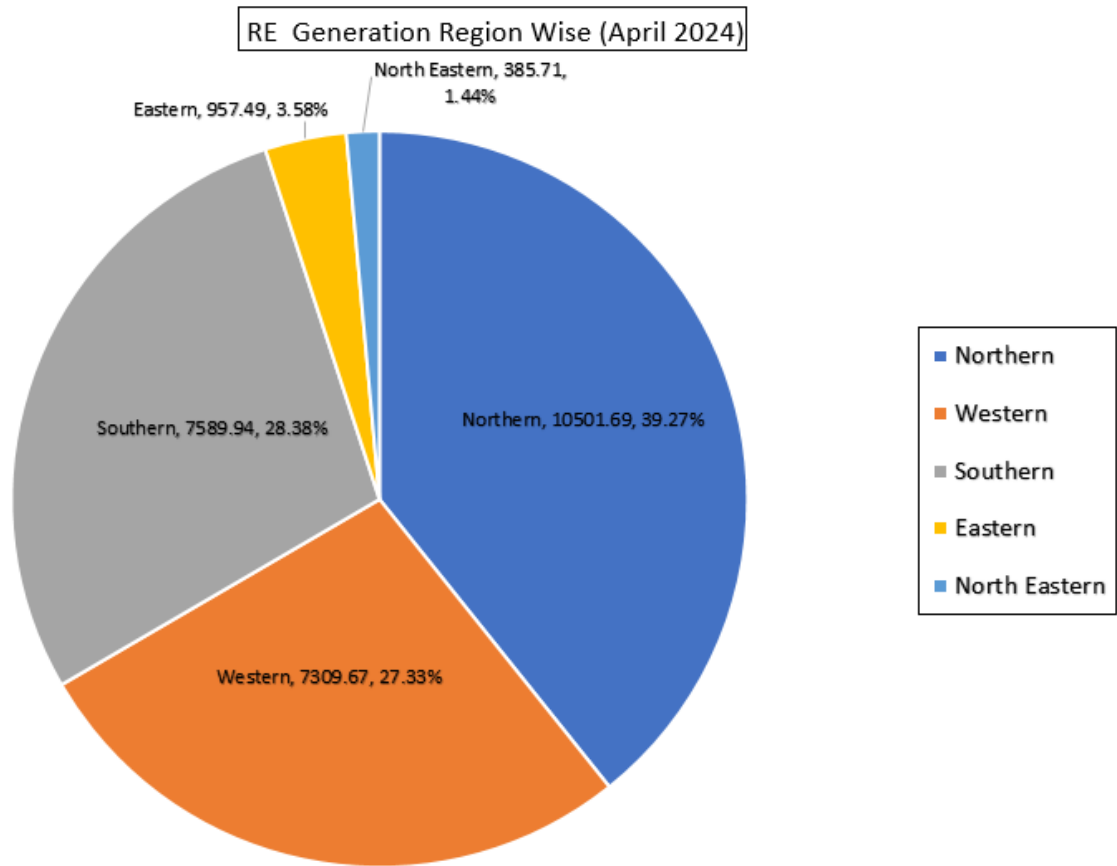


Figure 8: RE Generation Region Wise of April -2024

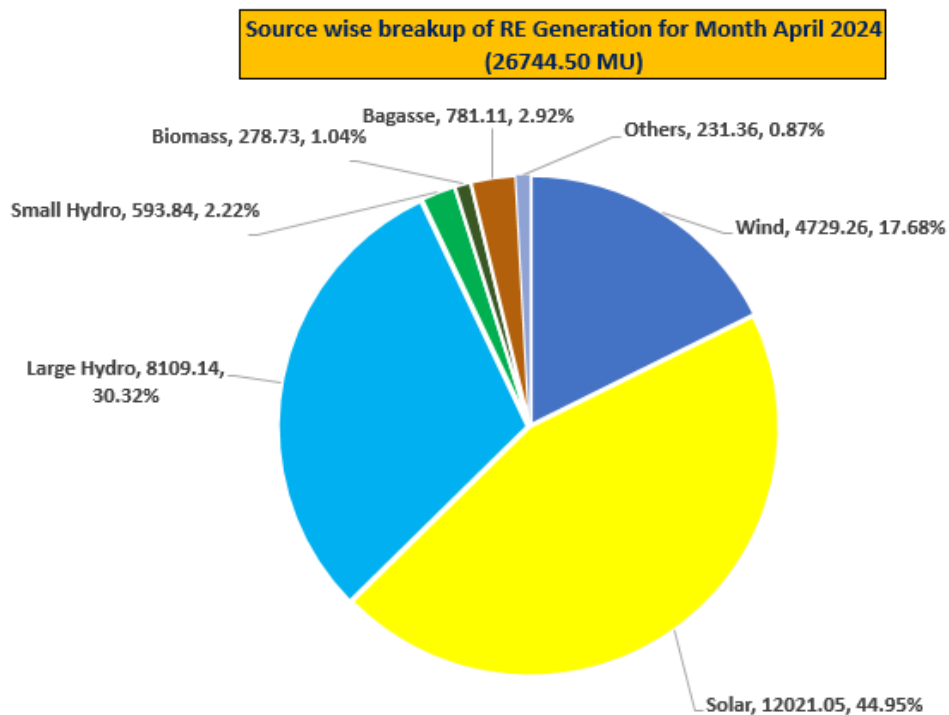


Figure 9: Source wise breakup of RE Generation in the month of April -2024

Summary of Renewable Energy Generation

Increased by 5.28 % as compared to April' 23

Increased by 1.69 % as compared to March '24

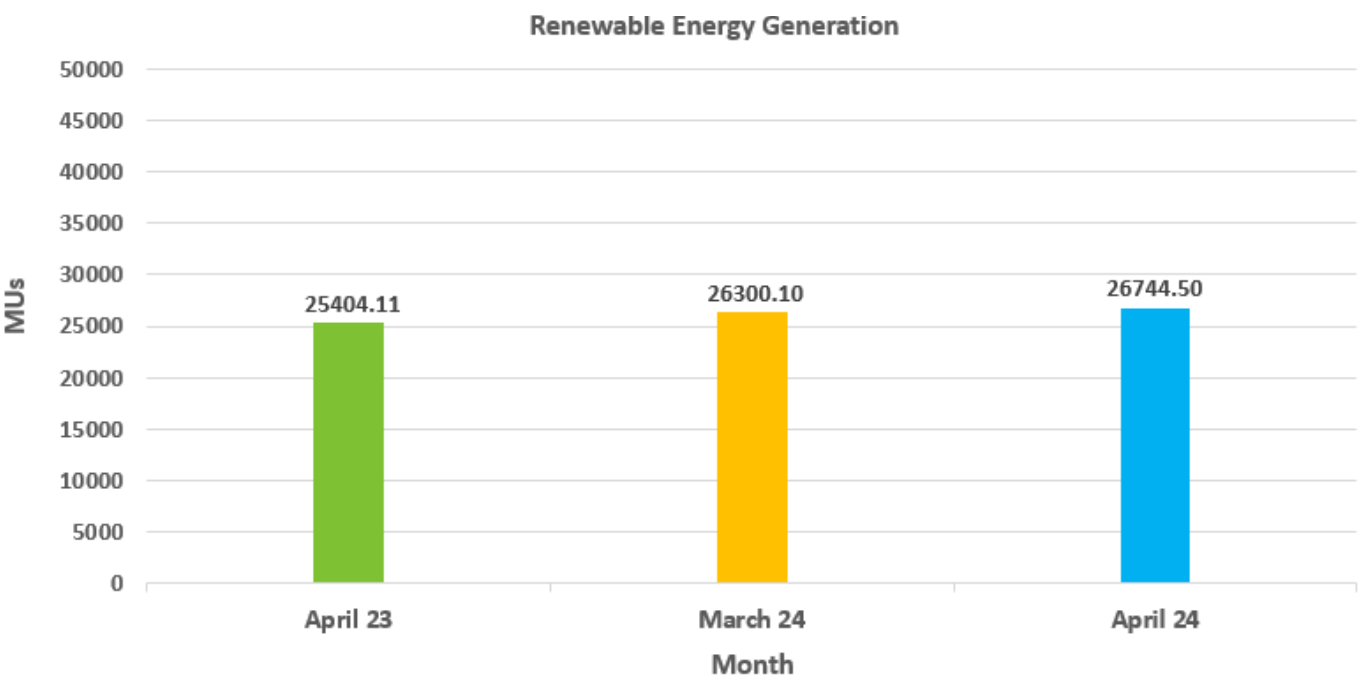


Figure 10: Summary of Renewable Energy Generation

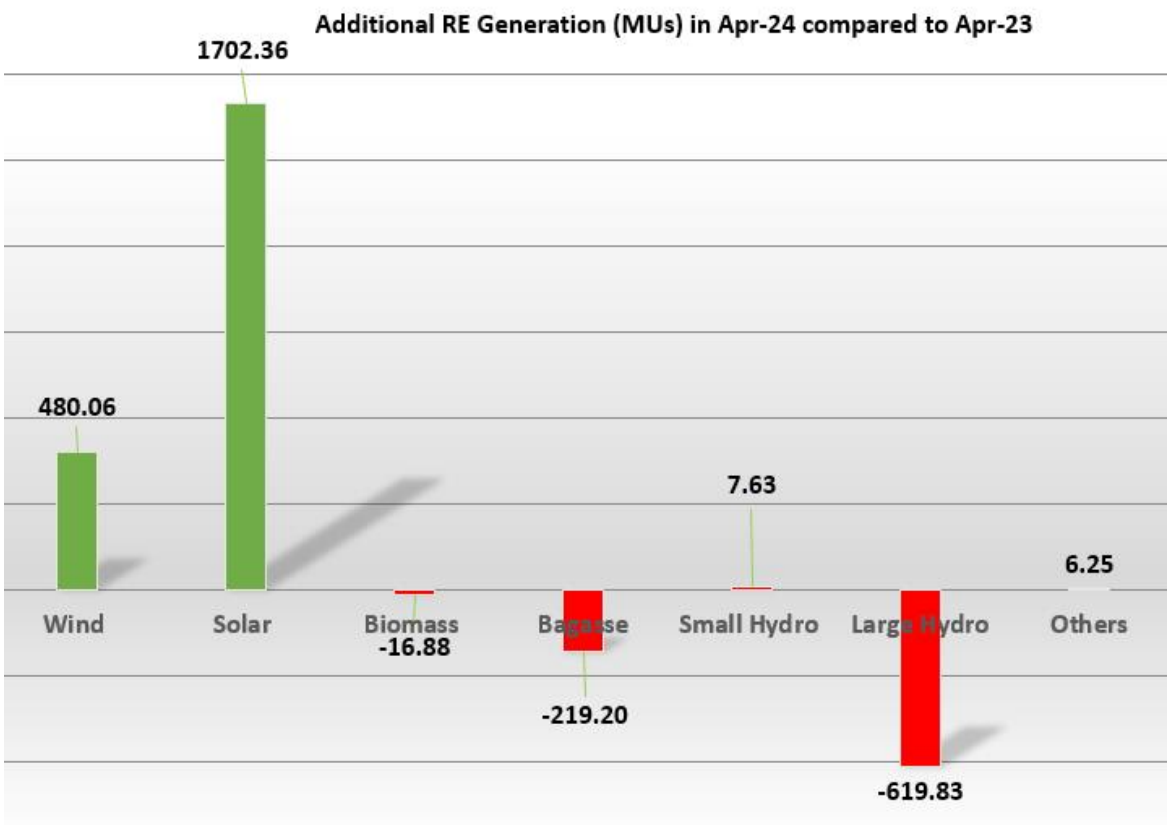


Figure 11: Additional RE Generation in April -24 as compared to April -23

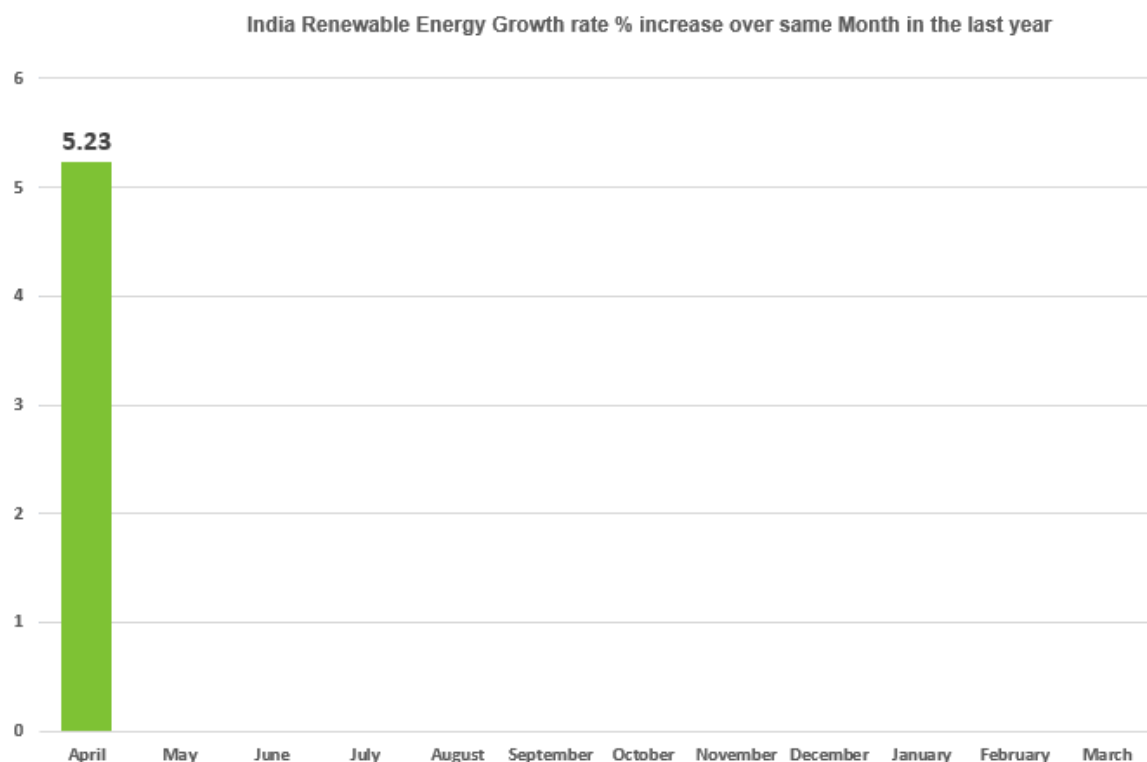


Figure 12: Month Wise % Growth of RE Generation in year 2024-25 w.r.t to previous year Same Month.

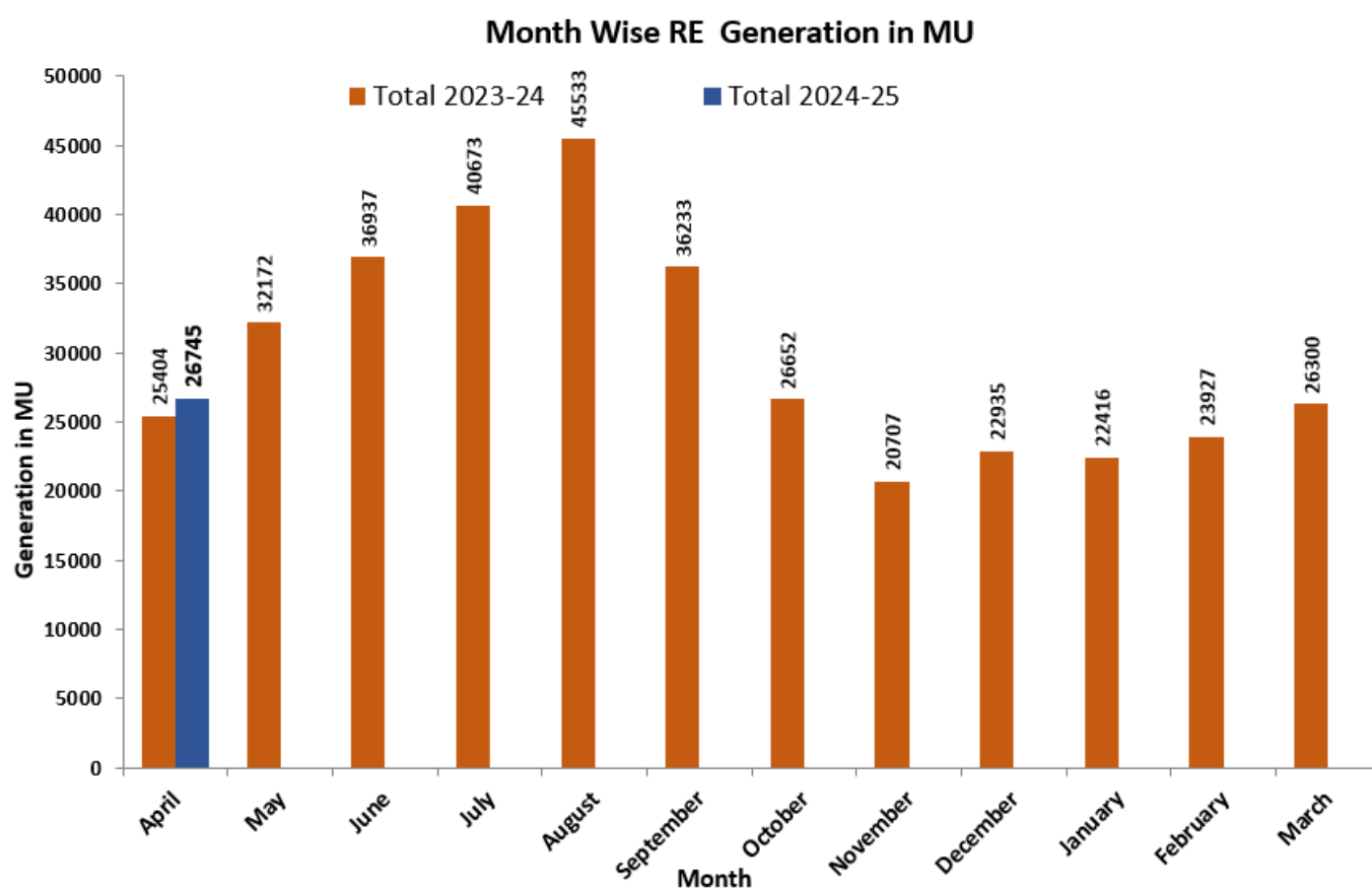


Figure 13: Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25.

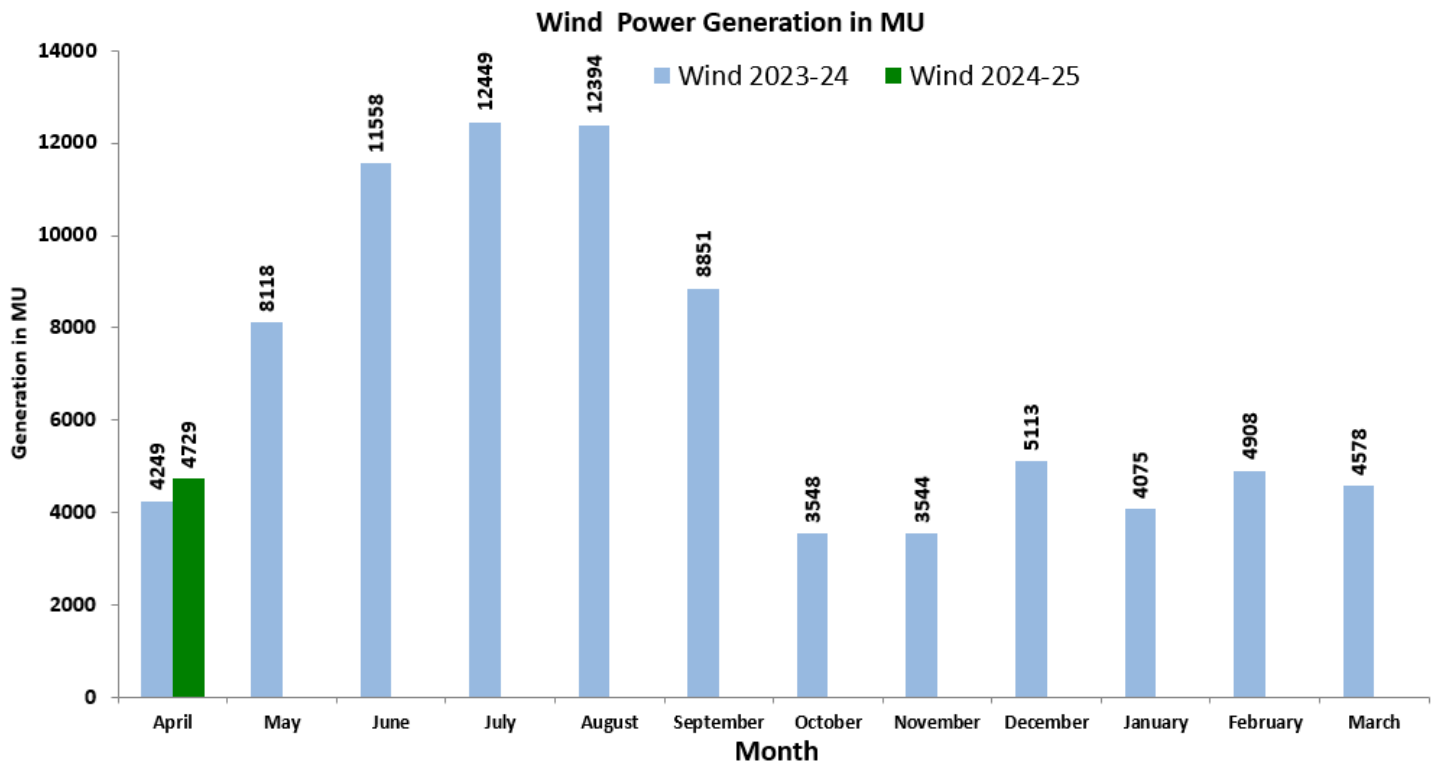


Figure 14: Month Wise Wind Power Generation for the year 2023-24 and year 2024-25.

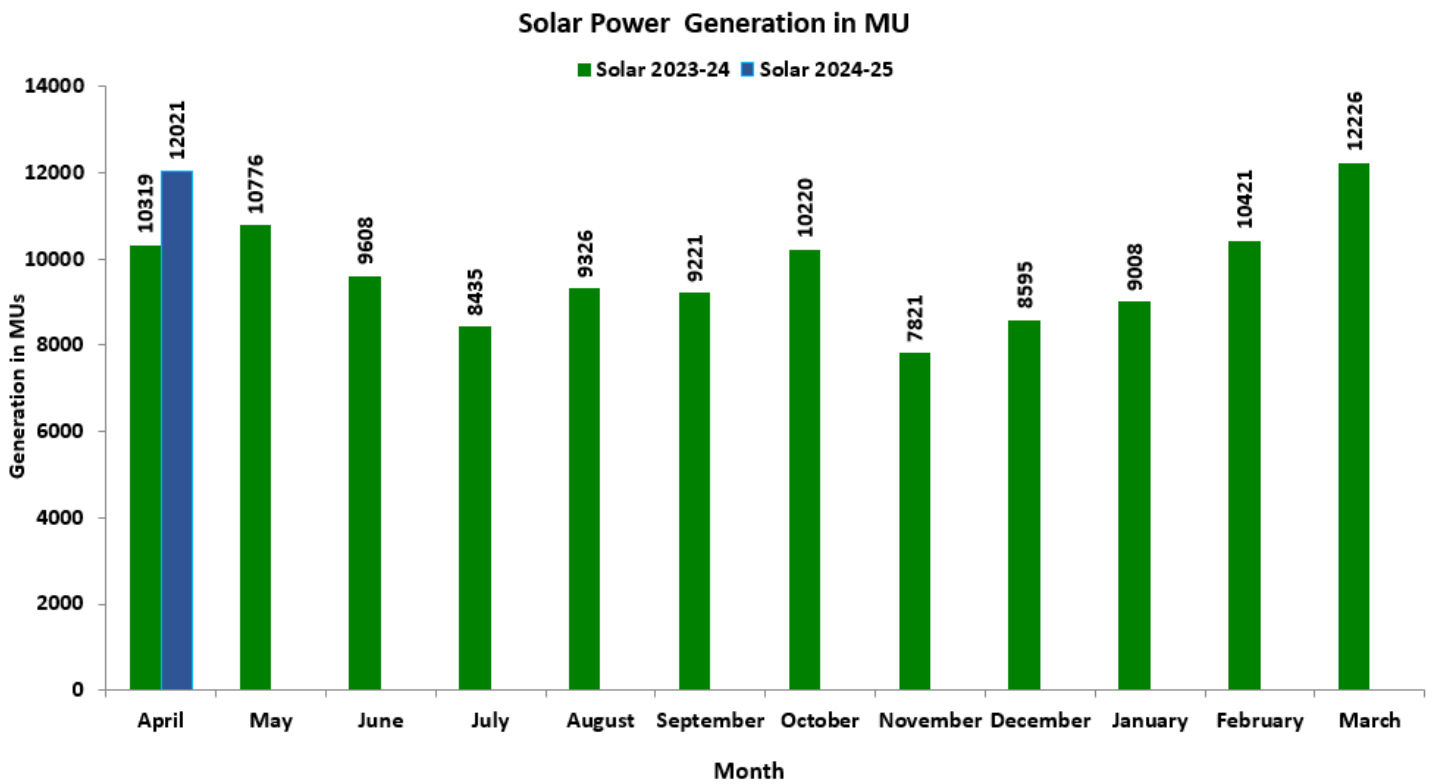


Figure 15: Month Wise Solar Power Generation for the year 2023-24 and year 2024-25.

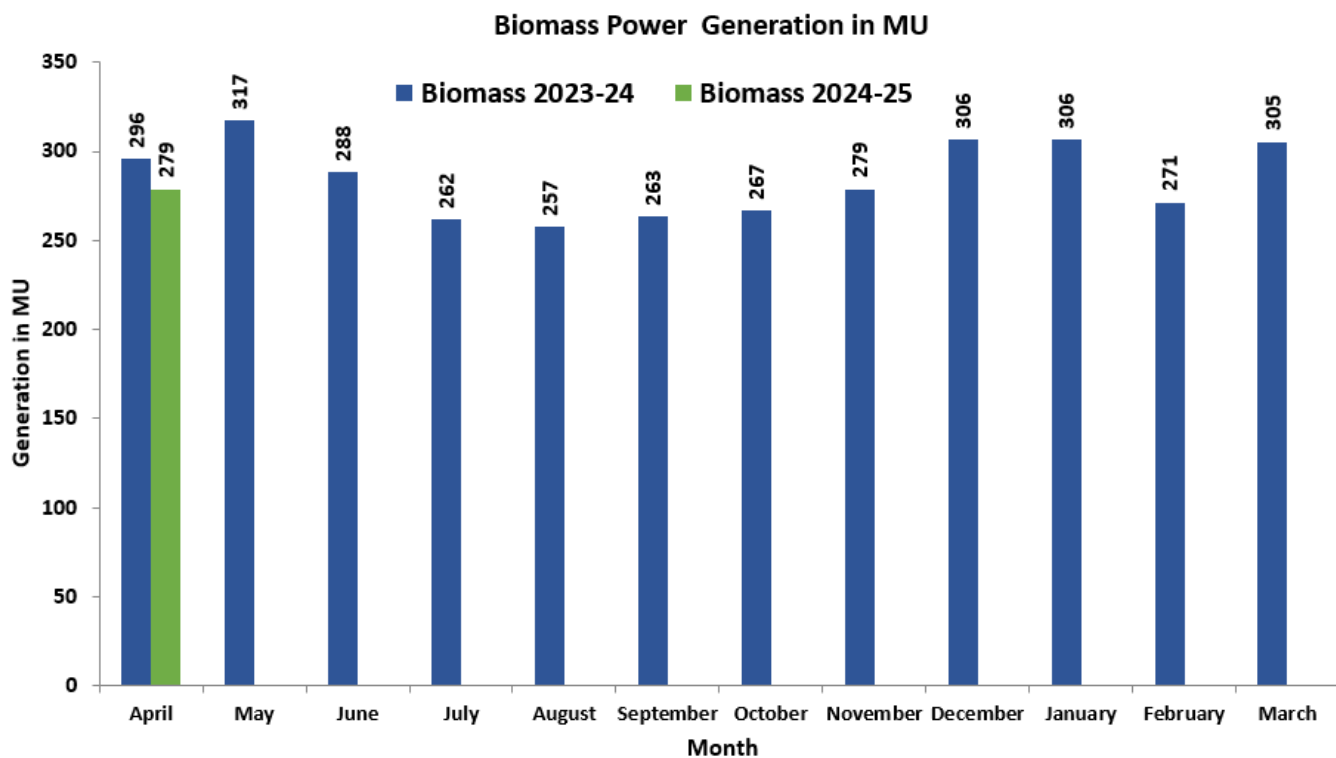


Figure 16: Month Wise Biomass Power Generation for the year 2023-24 and year 2024-25.

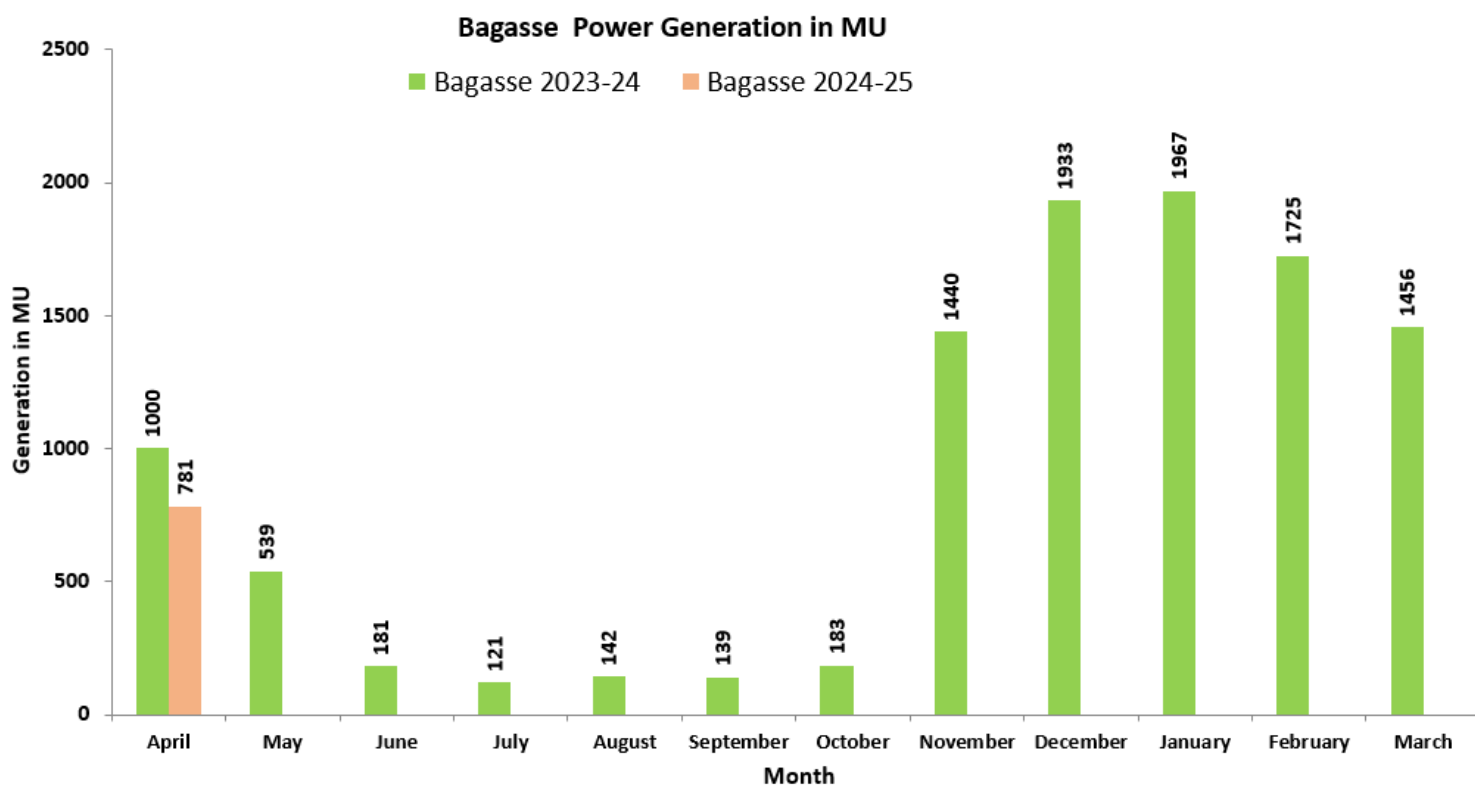


Figure 17: Month Wise Bagasse Power Generation for the year 2023-24 and year 2024-25.

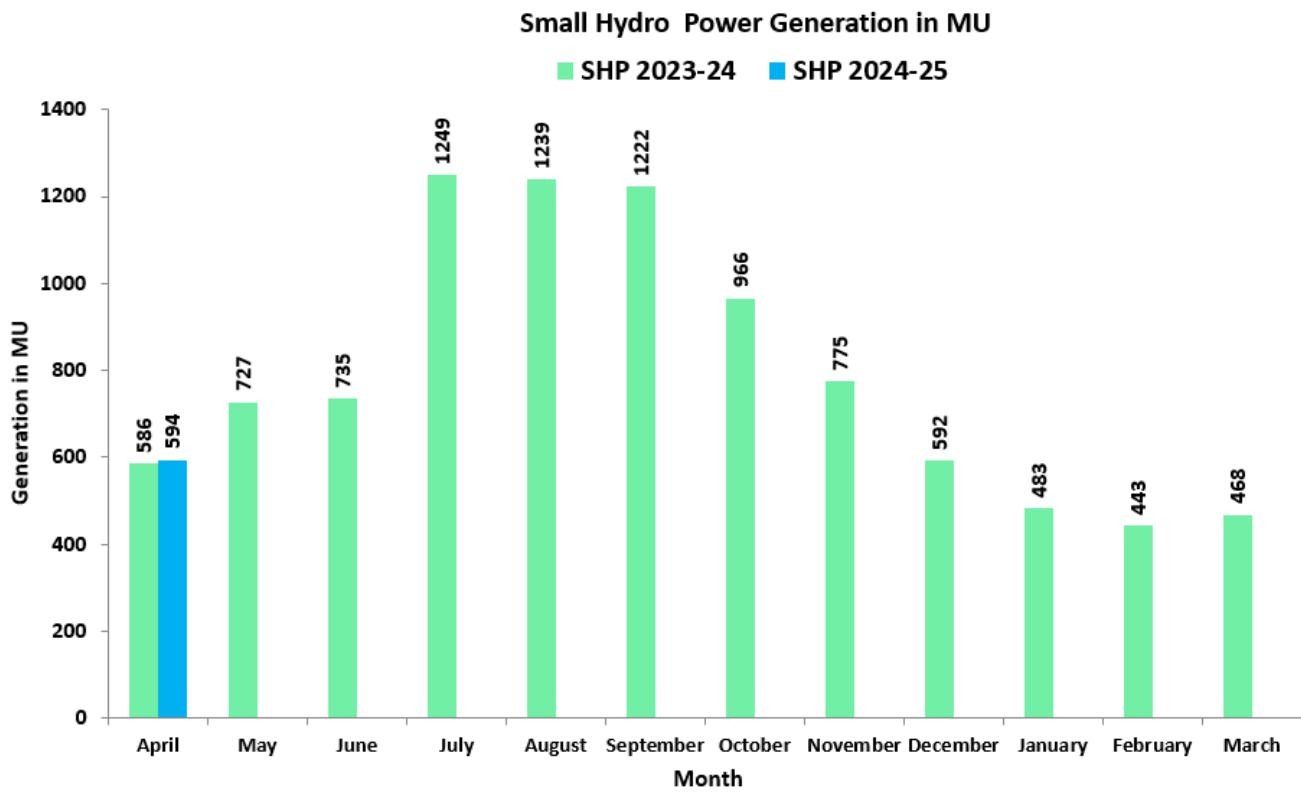


Figure 18: Month Wise Small Hydro Power Generation for the year 2023-24 and year 2024-25.

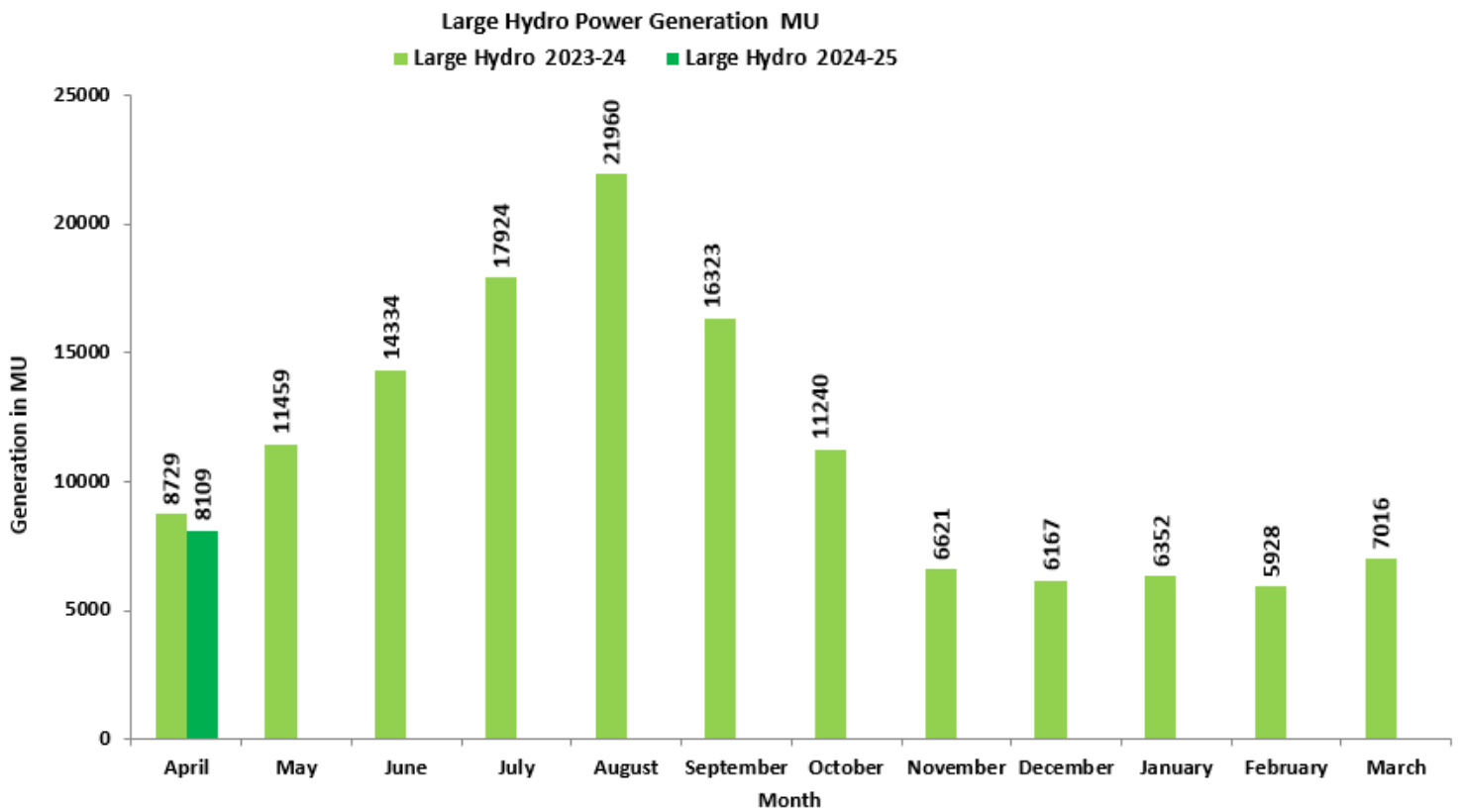


Figure 19: Month Wise Large Hydro Power Generation for the year 2023-24 and year 2024-25.

Power Generation from other RE sources in MU

■ Other 2023-24 ■ Other 2024-25

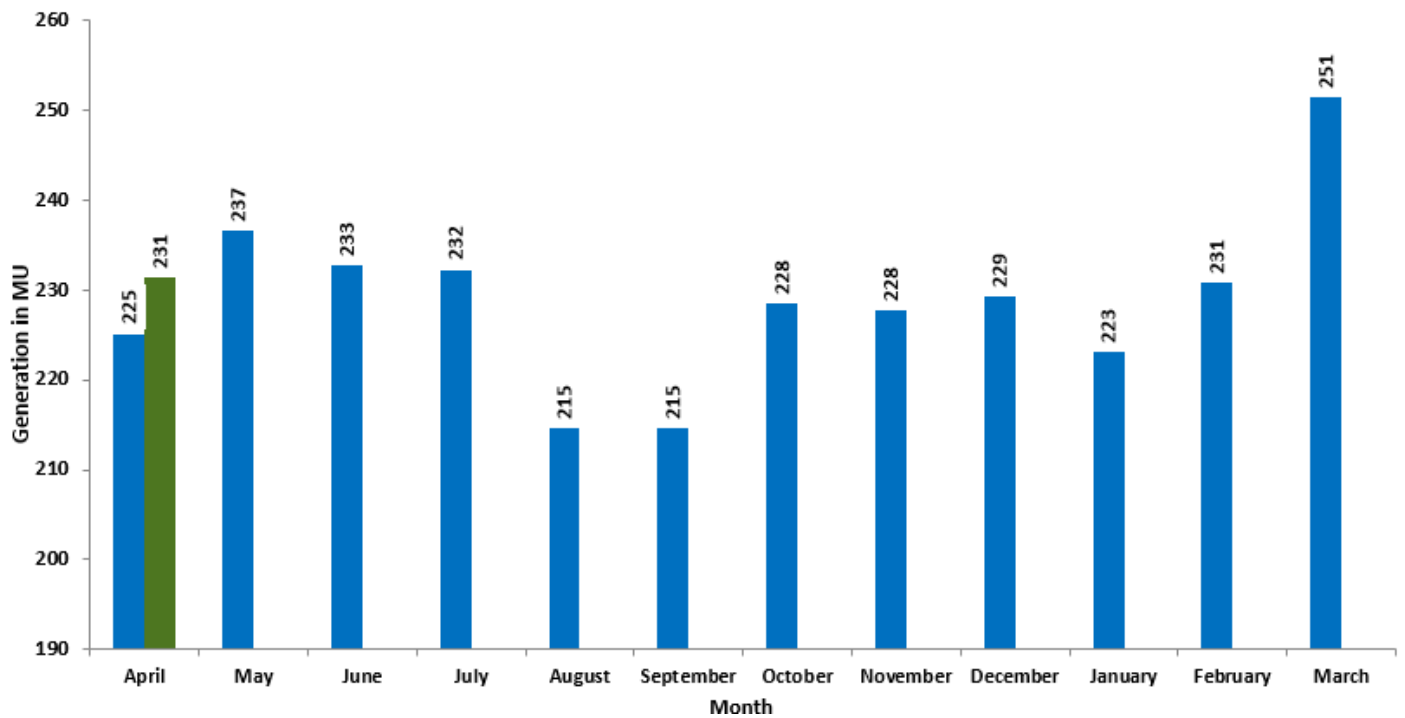


Figure 20: Month Wise Other RE (Waste Heat etc.) Power for the year 2023-24 and year 2024-25.

Year wise Generation of RE in MU

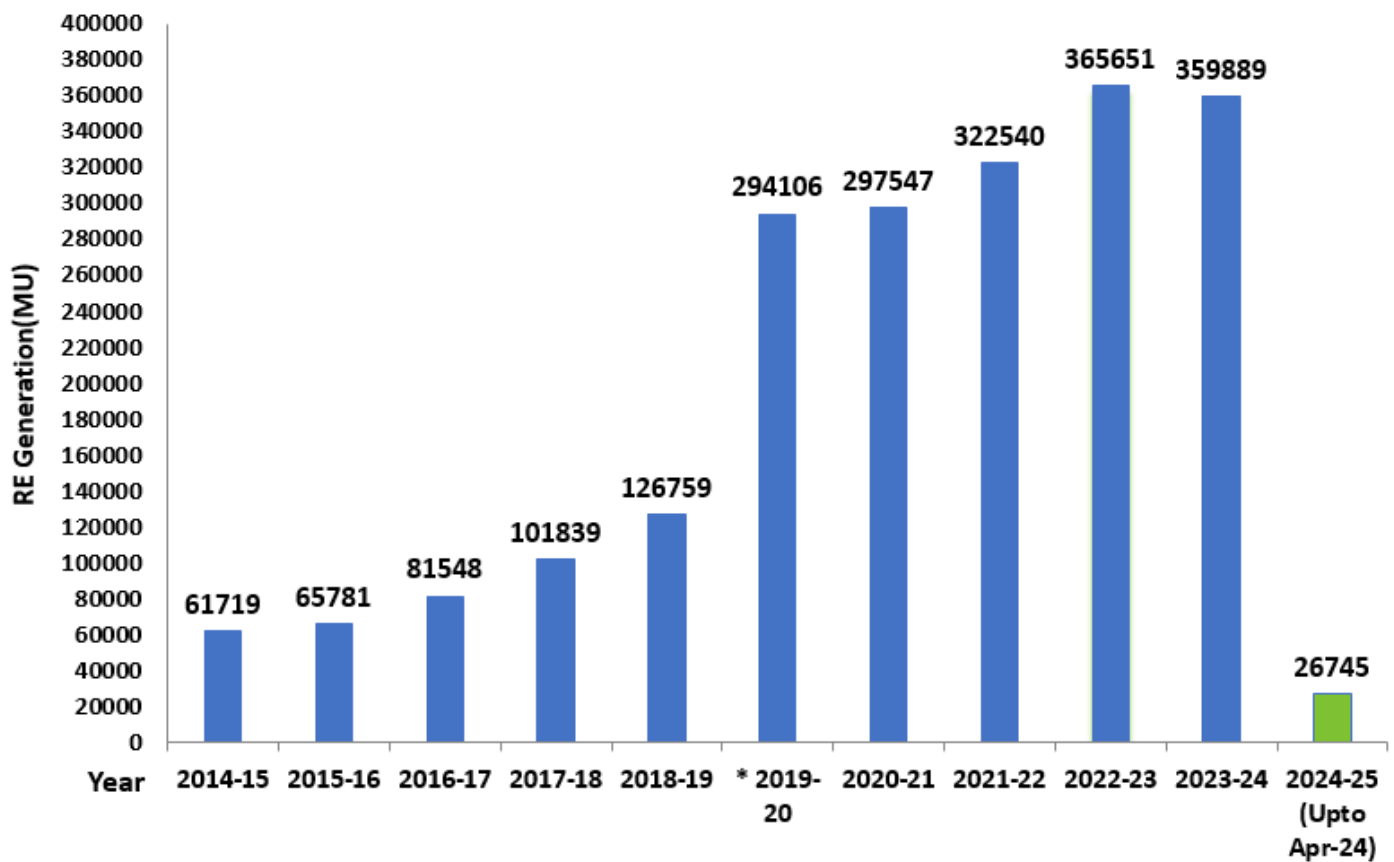


Figure 21: Year Wise RE Generation

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

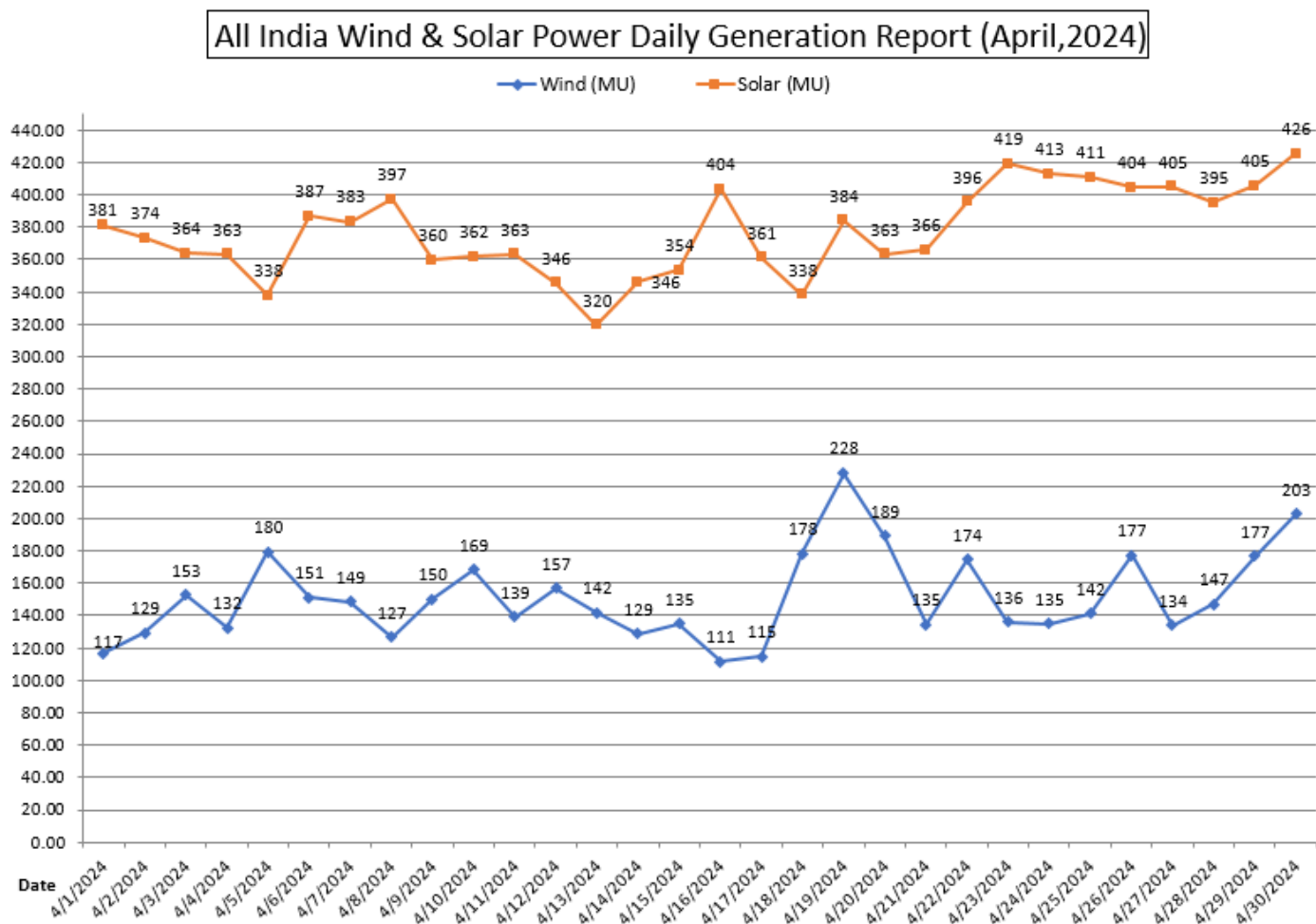


Figure 22: Daily solar and wind power generation trend in the month of April -2024

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	Installed Capacity (MW) (as on 30.04.2024)	Monitored Capacity (MW) (as on 30.04.2024) for which generation data is available	RE Generation(MU) April'2024	RE Generation(MU) April'2023	% of same Month Last Year
पवन/Wind	46161.79	45691.52	4729.26	4249.20	111.30
सौर/Solar	82637.86	68637.33(*)	12021.05	10318.69	116.50
बायोमास/Biomass	10355.35	9751.51	278.73	295.62	94.29
बगास/Bagasse			781.11	1000.32	78.09
लघु जल विद्युत्/Small Hydro	5005.25	4209.20	593.84	586.21	101.30
अन्य/Others	46928.17	46928.17	8109.14	8728.97	92.90
बृहत् जल विद्युत्/Large Hydro(\$)	591.30	815.19	231.36	225.12	102.78
कुल/Total Excluding Large Hydro	144751.55	129104.75	18635.36	16675.14	111.76
कुल/Total Including Large Hydro	191679.72	176032.92	26744.50	25404.11	105.28

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

(\$)

Large Hydro Generation data excludes import from Bhutan. However, the import from Bhutan during April 2024 is 75.60 MUs respectively.

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

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	Solar	1.31
Dadri Solar	Uttar Pradesh	Central	Solar	0.60
Singrauli Solar	Uttar Pradesh	Central	Solar	1.88
Auraiya	Uttar Pradesh	Central	Solar	6.80
Kolayat	Rajasthan	Central	Solar	90.33
Nokhra	Rajasthan	Central	Solar	61.13
Devikot	Rajasthan	Central	Solar	48.16
ABC Renewable Energy	Rajasthan	Private	Solar	66.64
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar	52.58
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	64.28
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	161.45
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	80.38
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	75.89
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	76.26
ADANI SEJ2PL M	Rajasthan	Private	Solar	31.84
ADANI SEJ2PL P	Rajasthan	Private	Solar	32.37
ALTRA XERGI	Rajasthan	Private	Solar	78.56
AMP Energy Green Six	Rajasthan	Private	Solar	24.20
AMPLUS_AGES	Rajasthan	Private	Solar	24.04
ASERJ2PL	Rajasthan	Private	Solar	32.75
ASERJ2PL_INFRM	Rajasthan	Private	Solar	11.30
ASERJ2PL_BHDL	Rajasthan	Private	Solar	15.12
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	40.39
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	89.13
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	10.74
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	40.71
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	61.68
Adept_ Renewable	Rajasthan	Private	Solar	28.29
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	69.93
Avaada RJHN Private Limited	Rajasthan	Private	Solar	49.48
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	71.79
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	62.82

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Ayana Renewable	Rajasthan	Private	Solar	5.34
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	62.38
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	62.80
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	128.05
Azure Power India Pvt Ltd	Rajasthan	Private	Solar	36.78
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	58.17
Azure Power Thirty Four Private Ltd	Rajasthan	Private	Solar	25.99
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	54.63
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar	64.25
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	65.69
GRIAN ENERGY	Rajasthan	Private	Solar	23.06
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	Solar	10.94
MEGA SOILS RENEWABLE PRIVATE LIMITED	Rajasthan	Private	Solar	53.83
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	51.72
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	23.22
Nindan Solar Fatehgar	Rajasthan	Private	Solar	64.62
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	63.20
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	10.75
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar	51.95
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	62.05
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	63.23
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	63.53
Renew Surya Pratap Infirm	Rajasthan	Private	Solar	0.16
Renew Surya Pratap	Rajasthan	Private	Solar	40.30
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	61.09
Renew Surya Roshini infirm	Rajasthan	Private	Solar	7.51
Rising Sun Energy	Rajasthan	Private	Solar	40.08
Renew Surya Roshni	Rajasthan	Private	Solar	50.61
Renew Surya Vihaan	Rajasthan	Private	Solar	19.80
Renew Surya Ayaan	Rajasthan	Private	Solar	55.30
Tata Power Green Energy Limited	Rajasthan	Private	Solar	43.78
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	61.53
Tata Power Saurya 1	Rajasthan	Private	Solar	20.59
TPSL Banderwala	Rajasthan	Private	Solar	45.13
Thar Surya1 Private Limited	Rajasthan	Private	Solar	64.35
Transition Green Energy	Rajasthan	Private	Solar	3.59
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	89.51

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	20.28
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	14.36
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	13.24
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	23.97
Sub Total (Northern Region)				3344.19
Beempo	Madhya Pradesh	Private	Solar	18.94
Beempow Energy	Madhya Pradesh	Private	Solar	22.30
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	49.00
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	47.06
AVAADA_AGAR_RUM	Madhya Pradesh	Private	Solar	29.47
Athena_RUM	Madhya Pradesh	Private	Solar	46.92
Masaya BWSPRA_KNDW	Madhya Pradesh	Private	Solar	53.87
Sherisha Raipur	Chhattisgarh	Private	Solar	7.97
Solapur Solar	Maharashtra	Central	Solar	1.82
AREH4L_PSS1	Gujarat	Private	Solar	212.51
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	43.83
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	21.92
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	22.84
Powerica Wind	Gujarat	Private	Solar	11.34
NTPC Kawas	Gujarat	Central	Solar	10.82
Gandhar_Solar	Gujarat	Private	Solar	4.05
GSECL RSP	Gujarat	Private	Solar	12.52
RPL_SECI-III	Gujarat	Private	Solar	48.50
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar	60.24
AGE24AL	Gujarat	Private	Solar	5.47
Alfanar	Gujarat	Private	Wind	62.21
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	105.51
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	68.38
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	74.10
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	52.88
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	64.26
GSECL_PH2	Gujarat	Private	Wind	13.90

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Ostro Kutch Wind Private Limited (OKWPL)	Gujarat	Private	Wind	69.88
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	66.11
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	35.26
Apraava Khkrda Jam	Gujarat	Private	Wind	44.13
Netra Kotda	Gujarat	Private	Wind	25.22
Torrent Sidpur Jam	Gujarat	Private	Wind	19.05
SITAC	Gujarat	Private	Wind	70.02
SRIJAN	Gujarat	Private	Wind	27.22
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind	57.98
SGEL RSP	Gujarat	Private	Wind	13.51
Sub Total (Western Region)				1601.01
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	19.69
GRTJIPL	Tamil Nadu	Private	Solar	28.61
Mytra	Tamil Nadu	Private	Wind	15.14
Orange	Tamil Nadu	Private	Wind	17.25
Green Infra	Tamil Nadu	Private	Wind	25.28
Hiriyur Ostro	Tamil Nadu	Private	Wind	33.56
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	18.53
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	28.47
JSW Savlaperi	Tamil Nadu	Private	Wind	9.10
Ettayapuram	Tamil Nadu	Central	Solar	44.52
Roshini Renew, Koppal	Karnataka	Private	Wind	5.02
KOPPAL AYANASIX	Karnataka	Private	Wind	23.10
RSOPL KOPPAL (Firm + Infirm)	Karnataka	Private	Wind	17.81
Ramagundam Floating Solar	Telangana	Central	Solar	18.42
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	4.77
Southern Region				309.27
All India Total				5254.47

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) April 2024	RE Generation (MU) April 2023
Faridabad_Solar	Haryana	5	Solar	0.55	0.62
Bhadla	Rajasthan	260	Solar	35.58	37.52
Jetsar	Rajasthan	160	Solar	34.18	34.28
Fatehgarh	Rajasthan	296	Solar	65.15	67.04
Devikot	Rajasthan	240	Solar	48.69	49.68
Nokhra	Rajasthan	300	Solar	61.31	59.62
Anta Solar	Rajasthan	57	Solar	0.45	0.00
Dadri_Solar	Uttar Pradesh	5	Solar	0.58	0.60
Unchahar_Solar	Uttar Pradesh	10	Solar	1.31	1.33
Singrauli_Solar	Uttar Pradesh	15	Solar	1.94	2.39
Auraiya	Uttar Pradesh	40	Solar	6.52	6.46
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	2.59	3.52
Ayodhya	Uttar Pradesh	14	Solar	4.66	0.00
Chattargarh	Rajasthan	150	Solar	27.21	0.00
Rojmal	Gujarat	50	Wind	7.19	6.83
Dayapar	Gujarat	50	Wind	7.98	0.00
Rajgarh_Solar	Madhya Pradesh	50	Solar	6.64	6.52
Mandsaur	Madhya Pradesh	250	Solar	33.08	34.17
Solapur	Maharashtra	10	Solar	1.83	1.64
Anantapuram	Andhra Pradesh	250	Solar	36.75	36.25
Ramagundam	Telangana	110	Solar	18.77	19.46
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.58	0.57
Talchar_Solar	Orissa	10	Solar	1.08	1.14
Solar_Bilhaur	Uttar Pradesh	225	Solar	48.59	43.91
Simhadri Floating Project	Andhra Pradesh	25	Solar	4.70	4.90
Kayamkulam	Kerala	92	Solar	19.65	20.03
Kawas	Gujarat	56	Solar	10.71	10.48
Gandhar	Gujarat	20	Solar	4.13	2.37
Shambu ki Burj-I	Rajasthan	250	Solar	54.70	56.50
Shambu ki Burj-II	Rajasthan	150	Solar	35.68	34.19

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) April 2024	RE Generation (MU) April 2023
Ettayapuram	Tamil Nadu	230	Solar	44.86	40.10
Total NTPC		3393		627.64	582.12
Patan Wind Power Project	Gujarat	50.00	Wind	6.01	5.50
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	8.65	7.77
Solar Kasaragod	Kerala	50.00	Solar	9.16	9.67
Rishikesh office Premises	Uttarakhand	0.50	Solar	0.05	0.06
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	0.38	0.00
Total THDC		187.50		24.25	23.00
Wind Power Project	Rajasthan	50.00	Wind	4.33	5.96
Solar Power Project	Tamilnadu	50.00	Solar	7.84	9.02
Total NHPC		100.00		12.17	14.98
Bhuj	Gujarat	51.00	Wind	4.95	5.02
Jaisalmer	Rajasthan	102.00	Wind	6.96	9.61
Assam	Assam	1.66	Roof Top	0.13	0.15
Assam	Assam	1.09	Ground Mounted	0.12	0.13
Tripura	Tripura	0.25	Roof Top	0.02	0.02
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Ground Mounted	0.11	0.12
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Ground Mounted	0.73	0.63
Cauvery	Tamil Nadu	0.46	Ground Mounted	0.06	0.01
Vagara, Ankleshwar	Gujarat	5.00	Ground Mounted	0.79	0.82
Gujarat	Gujarat	4.23	Roof Top	0.48	0.48
Jodhpur	Rajasthan	0.16	Ground Mounted	0.02	0.03
Jaisalmer	Rajasthan	0.16	Ground Mounted	0.02	0.00
Uttarakhand	Uttarakhand	1.24	Roof Top	0.11	0.15
Goa	Goa	1.00	Ground Mounted	0.08	0.15

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) April 2024	RE Generation (MU) April 2023
Hazira	Gujarat	10.00	Ground Mounted	1.55	1.51
Hazira	Gujarat	5.00	Ground Mounted	0.96	0.72
Mumbai (Uran & NBP Green Heights)	Maharashtra	0.29	Roof Top	0.17	0.01
DDU, Bhawan, Delhi	Delhi	0.30	Roof Top	0.04	0.04
ONGC Colony Noida	Uttar Pradesh	0.06	Roof Top	0.01	0.01
EOA Logistics Park, Kakinada	Andhra Pradesh	1.00	Roof Top	0.11	0.00
Cambay	Gujarat	2.00	Ground Mounted SPP	0.39	0.00
Total ONGC		192.89		17.80	19.61
Khirvire Wind Power	Maharashtra	47.60	Wind	2.47	2.03
Sadla Wind Power	Gujarat	50.00	Wind	7.21	7.35
Charanka Solar Power	Gujarat	5.60	Solar	0.84	0.86
Wadhal Solar Power Project	Himachal Pradesh	1.00	Solar	0.13	0.13
Gurhah	Uttar Pradesh	75.00	Solar	15.66	0.00
Gujari	Uttar Pradesh	50.00	Solar	9.73	0.00
Parasan Solar Power	Uttar Pradesh	75.00	Solar	15.80	15.37
Total SJVN		304.20		51.84	25.74
Oil India Ltd	Rajasthan	14.00	Solar	2.02	2.10
Oil India Ltd	Rajasthan	67.60	Wind	4.80	5.10
Oil India Ltd	Gujarat	43.30	Wind	6.77	7.94
Oil India Ltd	Madhya Pradesh	63.20	Wind	10.97	11.26
Total Oil India Ltd		188.10		24.56	26.40
NEEPCO	Tripura	5.00	Solar	0.56	0.54
NEEPCO	Assam	25.00	Small Hydro	11.94	0.00
NEEPCO Total		30.00		12.50	0.54
DVC	West Bengal	10.10	Solar	1.70	0.01

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) April 2024	RE Generation (MU) April 2023
DVC	Jharkhand	4.00	Small Hydro	0.00	0.00
Total DVC		14.10		1.70	0.01
All India Total		4409.79		772.47	692.41

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 April 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Northern Region					
Unchahar Solar	Solar	1.58	1.31	-0.27	-17.09
Dadri Solar	Solar	0.66	0.60	-0.06	-9.09
Singrauli Solar	Solar	2.16	1.88	-0.28	-12.96
Auraiya	Solar	6.74	6.80	0.06	0.89
Kolayat	Solar	88.68	90.33	1.65	1.86
Nokhra	Solar	59.82	61.13	1.31	2.19
Devikot	Solar	50.18	48.16	-2.02	-4.03
ABC Renewable Energy	Solar	67.03	66.64	-0.39	-0.58
Acme Chittorgarh Energy Pvt Ltd.	Solar	52.55	52.58	0.03	0.06
Acme Heergharh Powertech Pvt Ltd	Solar	65.74	64.28	-1.46	-2.22
Adani Hybrid Energy Jaisalmer Four Limited	Solar	254.55	250.96	-3.59	-1.41
Adani Hybrid Energy Jaisalmer One Limited	Solar	104.61	100.66	-3.95	-3.78
Adani Hybrid Energy Jaisalmer Three Limited	Solar	92.23	90.25	-1.98	-2.15
Adani Hybrid Energy Jaisalmer Two Limited	Solar	92.57	89.50	-3.07	-3.32
ADANI SEJ2PL M	Solar	34.47	31.84	-2.63	-7.63
ADANI SEJ2PL P	Solar	31.75	32.37	0.62	1.95
ALTRA XERGI	Solar	79.06	78.56	-0.50	-0.63
AMP Energy Green Six	Solar	25.01	24.20	-0.81	-3.24
AMPLUS_AGES	Solar	25.27	24.04	-1.23	-4.87
ASERJ2PL	Solar	32.53	32.75	0.22	0.68
ASERJ2PL_INFRM	Solar	12.57	11.30	-1.27	-10.10
ASERJ2PL_BHDL	Solar	15.27	15.12	-0.15	-0.98
Adani Renewable Energy RJ Limited (RERJL)	Solar	41.44	40.39	-1.05	-2.53
Adani Jaisalmer One SEPL Solar	Solar	118.40	113.10	-5.30	-4.48
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Solar	10.86	10.74	-0.12	-1.10

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of April 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	40.81	40.71	-0.10	-0.25
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Solar	65.45	61.68	-3.77	-5.76
Adept_ Renewable	Solar	29.96	28.29	-1.67	-5.57
Avaada Sunrays Energy Private Limited	Solar	70.17	69.93	-0.24	-0.34
Avaada RJHN Private Limited	Solar	51.15	49.48	-1.67	-3.26
Avaada Sunce Energy Private Limited	Solar	73.40	71.79	-1.61	-2.19
Avaada Sustainable RJ Project Private Ltd.	Solar	63.92	62.82	-1.10	-1.72
Ayana Renewable	Solar	4.31	5.34	1.03	23.90
Ayana Renewable Power One Private Limited	Solar	66.36	62.38	-3.98	-6.00
Azure Power Forty One Private Limited	Solar	63.70	62.80	-0.90	-1.41
Azure Power Forty Three Private Ltd	Solar	124.93	128.05	3.12	2.50
Azure Power India Pvt Ltd	Solar	37.70	36.78	-0.92	-2.44
Azure Power Maple Pvt Ltd	Solar	56.34	58.17	1.83	3.25
Azure Power Thirty Four Private Ltd	Solar	25.70	25.99	0.29	1.13
Clean Solar Power (Jodhpur) Pvt Ltd	Solar	54.27	54.63	0.36	0.66
Clean Solar Power (Bhadla) Pvt Ltd	Solar	63.11	64.25	1.14	1.81
Eden Renewable Cite Private Limited	Solar	65.25	65.69	0.44	0.67
GRIAN ENERGY	Solar	25.76	23.06	-2.70	-10.48
M/S Adani Solar Energy Jodhpur Two Ltd	Solar	11.72	10.94	-0.78	-6.66
MEGA SOILS RENEWABLE PRIVATE LIMITED	Solar	53.14	53.83	0.69	1.30
Mega Surya Urja Pvt. Ltd	Solar	52.64	51.72	-0.92	-1.75
M/S. ONEVOLT Energy Private Limited	Solar	25.21	23.22	-1.99	-7.89
Nindan Solar Fatehgar	Solar	64.08	64.62	0.54	0.84
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Solar	63.28	63.20	-0.08	-0.13
Renew Solar Power Pvt Ltd	Solar	10.77	10.75	-0.02	-0.19
Renew Solar Power Pvt Ltd. Bikaner	Solar	52.51	51.95	-0.56	-1.07
Renew Solar Urja Pvt Ltd	Solar	64.09	62.05	-2.04	-3.18
Renew Sun Bright Pvt Ltd	Solar	63.88	63.23	-0.65	-1.02
Renew Sun Waves Private Limited	Solar	63.74	63.53	-0.21	-0.33

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of April 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Renew Surya Pratap Infirm	Solar	0.16	0.16	0.00	0.00
Renew Surya Pratap	Solar	41.74	40.30	-1.44	-3.45
Renew Surya Ravi Pvt Ltd	Solar	61.22	61.09	-0.13	-0.21
Renew Surya Roshini infirm	Solar	7.52	7.51	-0.01	-0.13
Rising Sun Energy	Solar	39.49	40.08	0.59	1.49
Renew Surya Roshni	Solar	55.90	50.61	-5.29	-9.46
Renew Surya Vihaan	Solar	20.00	19.80	-0.20	-1.00
Renew Surya Ayaan	Solar	56.76	55.30	-1.46	-2.57
Tata Power Green Energy Limited	Solar	44.74	43.78	-0.96	-2.15
Tata Power Renewable Energy Ltd	Solar	63.37	61.53	-1.84	-2.90
Tata Power Saurya 1	Solar	21.27	20.59	-0.68	-3.20
TPSL Banderwala	Solar	45.07	45.13	0.06	0.13
Thar Surya1 Private Limited	Solar	62.72	64.35	1.63	2.60
Transition Green Energy	Solar	2.50	3.59	1.09	43.60
Western Region					
Arinsun Solar (Barsaitadesh)	Solar	46.52	49.00	2.48	5.33
Mahindra Solar (Badwar)	Solar	45.35	47.06	1.71	3.77
AVAADA_AGAR_RUM	Solar	24.55	29.47	4.92	20.04
Athena_RUM	Solar	46.87	46.92	0.05	0.11
Masaya BWSPRA_KNDW	Solar	54.95	53.87	-1.08	-1.97
Sherisha Raipur	Solar	8.27	7.97	-0.30	-3.63
Solapur Solar	Solar	1.75	1.82	0.07	4.00
AREH4L_PSS1	Solar	210.74	212.51	1.77	0.84
Electro Solaire Private Limited (ESPL RSP Solar)	Solar	43.79	43.83	0.04	0.09
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Solar	22.15	21.92	-0.23	-1.04
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Solar	22.59	22.84	0.25	1.11
Powerica Wind	Solar	12.07	11.34	-0.73	-6.05
NTPC Kawas	Solar	11.08	10.82	-0.26	-2.35
Gandhar_Solar	Solar	4.13	4.05	-0.08	-1.94

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of April 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
GSECL RSP	Solar	11.66	12.52	0.86	7.38
RPL_SECI-III	Solar	57.19	48.50	-8.69	-15.19
AGE25BL_PSS2_KPS1_SI	Solar	61.44	60.24	-1.20	-1.95
AGE24AL	Solar	5.88	5.47	-0.41	-6.97
Alfanar	Wind	68.50	62.21	-6.29	-9.18
AWEK1L WIND (RATADIYA)	Wind	119.67	105.51	-14.16	-11.83
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Wind	71.26	68.38	-2.88	-4.04
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Wind	81.35	74.10	-7.25	-8.91
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Wind	58.85	52.88	-5.97	-10.14
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Wind	70.80	64.26	-6.54	-9.24
GSECL_PH2	Wind	12.74	13.90	1.16	9.11
Ostro Kutch Wind Private Limited (OKWPL)	Wind	75.02	69.88	-5.14	-6.85
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Wind	72.91	66.11	-6.80	-9.33
Avikiran Solar India Private Limited (ASIPL), Baranda	Wind	38.54	35.26	-3.28	-8.51
Apraava Khkrda Jam	Wind	47.33	44.13	-3.20	-6.76
Netra Kotda	Wind	29.97	25.22	-4.75	-15.85
Torrent Sidpur Jam	Wind	23.02	19.05	-3.97	-17.25
SITAC	Wind	75.01	70.02	-4.99	-6.65
SRIJAN	Wind	29.62	27.22	-2.40	-8.10
NVWEPL_DAYAPAR_BHJ_W	Wind	63.94	57.98	-5.96	-9.32
SGEL RSP	Wind	13.07	13.51	0.44	3.37
Southern Region					
Beetam(Tuticorin)	Wind	30.47	19.69	-10.78	-35.38
GRTJIPL	Solar	28.74	28.61	-0.13	-0.45
Mytra	Wind	29.12	15.14	-13.98	-48.01
Orange	Wind	26.16	17.25	-8.91	-34.06
Green Infra	Wind	35.98	25.28	-10.70	-29.74

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of April 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Hiriyur Ostro	Wind	46.14	33.56	-12.58	-27.26
Sprng Renewable Energy Pvt Ltd(Pugalur)	Wind	27.81	18.53	-9.28	-33.37
JSW Renew Energy Two Limited (Tuticorin)	Wind	38.25	28.47	-9.78	-25.57
JSW Savlaperi	Wind	12.63	9.10	-3.53	-27.95
Ettayapuram	Solar	44.56	44.52	-0.04	-0.09
Roshini Renew, Koppal	Wind	3.08	5.02	1.94	62.99
KOPPAL AYANASIX	Wind	33.86	23.10	-10.76	-31.78
RSOPL KOPPAL (Firm + Infirm)	Wind	12.89	17.81	4.92	38.17
Ramagundam Floating Solar	Solar	18.48	18.42	-0.06	-0.32
Simhadri Floating Solar	Solar	4.37	4.77	0.40	9.15

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 April 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of April 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	1.02	1.02	1.02	100.00
Delhi	0.00	291.19	0.00	0.00	64.04	64.04	355.23	18.03
Haryana	2652.16	1.07	0.00	0.00	175.86	175.86	2829.09	6.22
HP	0.00	0.00	0.00	1951.25	221.39	2172.64	2172.64	100.00
J & K	0.00	0.00	0.00	1446.01	54.22	1500.23	1500.23	100.00
Ladakh	0.00	0.00	0.00	14.89	0.00	14.89	14.89	100.00
Punjab	2942.08	0.00	0.00	220.66	321.61	542.27	3484.35	15.56
Rajasthan	5559.56	91.53	509.44	14.02	4508.37	5031.83	10682.92	47.10
Uttar Pradesh	13853.38	207.16	309.66	17.58	688.94	1016.18	15076.72	6.74
Uttarakhand	0.00	257.65	0.00	724.01	77.81	801.82	1059.47	75.68
Northern Region Total	25007.18	848.60	819.10	4388.42	6113.27	11320.79	37176.57	30.45
WESTERN REGION								
Chhattisgarh	14526.52	0.00	0.00	40.89	231.19	272.08	14798.60	1.84
Gujarat	8143.42	1426.19	984.38	188.76	3526.86	4700.00	14269.61	32.94
Madhya Pradesh	13218.10	0.00	0.00	396.99	980.75	1377.74	14595.84	9.44
Maharashtra	12370.56	532.80	777.33	537.21	1398.90	2713.44	15616.80	17.38
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.69	2.69	2.69	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	48258.60	1958.99	1761.71	1163.85	6145.82	9071.38	59288.97	15.30
SOUTHERN REGION								
Andhra Pradesh	6865.60	11.88	0.00	153.12	1249.63	1402.75	8280.23	16.94

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of April 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	5242.62	0.00	0.00	9.00	687.02	696.02	5938.64	11.72
Karnataka	4486.42	0.00	648.14	680.49	2071.08	3399.71	7886.13	43.11
Kerala	1.16	0.00	0.00	539.28	229.06	768.34	769.50	99.85
Tamil Nadu	7175.92	154.48	1214.66	171.01	1799.22	3184.89	10515.29	30.29
Lakshadweep	0.00	6.81	0.00	0.00	0.01	0.01	6.82	0.11
Puducherry	0.00	16.89	0.00	0.00	1.02	1.02	17.91	5.70
Southern Region Total	23771.72	190.06	1862.80	1552.90	6037.04	9452.74	33414.52	28.29
EASTERN REGION								
Andaman Nicobar	34.34	0.00	0.00	0.00	3.89	3.89	38.23	10.18
Bihar	5451.22	0.00	0.00	0.00	23.94	23.94	5475.16	0.44
Jharkhand	3470.81	0.00	0.00	8.38	1.47	9.85	3480.66	0.28
Odisha	5611.89	0.00	0.00	437.98	100.12	538.10	6149.99	8.75
Sikkim	0.00	0.00	0.00	74.21	1.03	75.24	75.24	100.00
West Bengal	7884.56	0.00	0.00	156.77	149.71	306.48	8191.04	3.74
Eastern Region Total	22452.82	0.00	0.00	677.34	280.15	957.49	23410.31	4.09
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	237.33	0.14	237.47	237.47	100.00
Assam	464.06	299.22	0.00	26.11	42.03	68.14	831.42	8.20
Manipur	0.00	0.00	0.00	17.40	0.71	18.11	18.11	100.00
Meghalaya	0.00	0.00	0.00	37.36	3.82	41.18	41.18	100.00
Mizoram	0.00	0.00	0.00	4.04	8.35	12.39	12.39	100.00
Nagaland	0.00	0.00	0.00	4.39	3.47	7.86	7.86	100.00
Tripura	0.00	430.28	0.00	0.00	0.56	0.56	430.84	0.13
North Eastern Region Total	464.06	729.50	0.00	326.63	59.08	385.71	1579.27	24.42
All India Total	119954.38	3727.15	4443.61	8109.14	18635.36	31188.11	154869.64	20.14

Table 6:- Renewable Energy as % of Total Electricity Generated

Renewable Energy (State Wise) Generation(MU) for the Month of April 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	1.02	1.02	1.02	100.00
Delhi	0.00	291.19	0.00	0.00	64.04	64.04	355.23	18.03
Haryana	2652.16	1.07	0.00	0.00	175.86	175.86	2829.09	6.22
HP	0.00	0.00	0.00	1951.25	221.39	2172.64	2172.64	100.00
J & K	0.00	0.00	0.00	1446.01	54.22	1500.23	1500.23	100.00
Ladakh	0.00	0.00	0.00	14.89	0.00	14.89	14.89	100.00
Punjab	2942.08	0.00	0.00	220.66	321.61	542.27	3484.35	15.56
Rajasthan	5559.56	91.53	509.44	14.02	4508.37	4522.39	10682.92	42.33
Uttar Pradesh	13853.38	207.16	309.66	17.58	688.94	706.52	15076.72	4.69
Uttarakhand	0.00	257.65	0.00	724.01	77.81	801.82	1059.47	75.68
Northern Region Total	25007.18	848.60	819.10	4388.42	6113.27	10501.69	37176.57	28.25
WESTERN REGION								
Chhattisgarh	14526.52	0.00	0.00	40.89	231.19	272.08	14798.60	1.84
Gujarat	8143.42	1426.19	984.38	188.76	3526.86	3715.62	14269.61	26.04
Madhya Pradesh	13218.10	0.00	0.00	396.99	980.75	1377.74	14595.84	9.44
Maharashtra	12370.56	532.80	777.33	537.21	1398.90	1936.11	15616.80	12.40
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.69	2.69	2.69	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	48258.60	1958.99	1761.71	1163.85	6145.82	7309.67	59288.97	12.33
SOUTHERN REGION								
Andhra Pradesh	6865.60	11.88	0.00	153.12	1249.63	1402.75	8280.23	16.94
Telangana	5242.62	0.00	0.00	9.00	687.02	696.02	5938.64	11.72
Karnataka	4486.42	0.00	648.14	680.49	2071.08	2751.57	7886.13	34.89

Renewable Energy (State Wise) Generation(MU) for the Month of April 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	1.16	0.00	0.00	539.28	229.06	768.34	769.50	99.85
Tamil Nadu	7175.92	154.48	1214.66	171.01	1799.22	1970.23	10515.29	18.74
Lakshadweep	0.00	6.81	0.00	0.00	0.01	0.01	6.82	0.11
Puducherry	0.00	16.89	0.00	0.00	1.02	1.02	17.91	5.70
Southern Region Total	23771.72	190.06	1862.80	1552.90	6037.04	7589.94	33414.52	22.71
EASTERN REGION								
Andaman Nicobar	34.34	0.00	0.00	0.00	3.89	3.89	38.23	10.18
Bihar	5451.22	0.00	0.00	0.00	23.94	23.94	5475.16	0.44
Jharkhand	3470.81	0.00	0.00	8.38	1.47	9.85	3480.66	0.28
Odisha	5611.89	0.00	0.00	437.98	100.12	538.10	6149.99	8.75
Sikkim	0.00	0.00	0.00	74.21	1.03	75.24	75.24	100.00
West Bengal	7884.56	0.00	0.00	156.77	149.71	306.48	8191.04	3.74
Eastern Region Total	22452.82	0.00	0.00	677.34	280.15	957.49	23410.31	4.09
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	237.33	0.14	237.47	237.47	100.00
Assam	464.06	299.22	0.00	26.11	42.03	68.14	831.42	6.86
Manipur	0.00	0.00	0.00	17.40	0.71	18.11	18.11	100.00
Meghalaya	0.00	0.00	0.00	37.36	3.82	41.18	41.18	100.00
Mizoram	0.00	0.00	0.00	4.04	8.35	12.39	12.39	100.00
Nagaland	0.00	0.00	0.00	4.39	3.47	7.86	7.86	100.00
Tripura	0.00	430.28	0.00	0.00	0.56	0.56	430.84	0.13
North Eastern Region Total	464.06	729.50	0.00	326.63	59.08	385.71	1579.27	23.85
All India Total	119954.38	3727.15	4443.61	8109.14	18635.36	26744.50	154869.64	17.26

Table 7: Monthly Source wise RE generation April -2024 and April -2023

RE generation(MUs) data (source wise) for the month of April -2024 and April -2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23
NORTHERN REGION														
Chandigarh	0.00	0.00	1.02	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	17.21	17.21	0.00	0.00	0.00	0.00	0.00	0.00	46.83	43.74	0.00	0.00
Haryana	0.00	0.00	118.98	57.14	28.83	24.27	8.92	25.62	13.72	6.36	5.41	5.13	0.00	0.00
Himachal Pradesh	0.00	0.00	6.16	5.11	0.00	0.00	0.00	0.00	215.23	181.44	0.00	0.00	1951.25	1832.75
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.22	39.96	0.00	0.00	1446.01	1498.42
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	14.89	15.61
Punjab	0.00	0.00	127.54	338.65	61.04	53.04	97.34	26.90	35.69	36.25	0.00	0.00	220.66	217.46
Rajasthan	515.94	676.56	3956.09	3395.19	36.00	31.34	0.00	0.00	0.34	0.00	0.00	0.00	14.02	3.13
Uttar Pradesh	0.00	0.00	466.01	376.83	5.41	5.67	210.91	378.65	3.22	7.40	3.39	6.70	17.58	25.03
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	724.01	699.75
Northern Region	515.94	676.56	4720.66	4219.97	131.28	114.32	337.88	451.88	351.87	300.85	55.63	55.57	4388.42	4292.15
WESTERN REGION														
Chhattisgarh	0.00	0.00	136.83	72.10	91.37	119.40	2.31	1.92	0.68	5.97	0.00	0.00	40.89	22.33
Gujarat	1932.36	1478.24	1574.40	1147.51	0.00	0.00	0.00	0.00	20.10	19.68	0.00	0.00	188.76	154.53
Madhya Pradesh	439.77	442.25	482.19	327.15	7.49	8.98	13.62	9.93	32.42	28.20	5.26	2.80	396.99	154.77
Maharashtra	448.39	387.52	598.96	502.49	25.81	25.93	244.05	199.38	73.24	69.94	8.45	0.01	537.21	648.43
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.79	1.64	0.89	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	4.76	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.42	0.00	0.00

RE generation(MUs) data (source wise) for the month of April -2024 and April -2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23
Western Region	2820.52	2308.01	2798.94	2052.40	125.56	155.11	259.98	211.23	126.44	123.79	14.39	3.23	1163.85	980.06
SOUTHERN REGION														
Andhra Pradesh	422.73	365.83	791.54	800.19	1.52	4.20	1.86	5.79	4.88	12.99	27.10	25.39	153.12	116.95
Telangana	20.15	19.11	644.62	634.38	0.06	0.04	0.00	11.43	0.68	2.82	21.52	11.60	9.00	51.92
Karnataka	505.76	496.73	1436.88	1405.50	0.65	5.38	119.49	224.43	8.31	47.09	0.00	0.00	680.49	1083.31
Kerala	4.89	4.15	181.93	103.14	0.00	0.00	7.19	7.12	35.05	36.42	0.00	0.00	539.28	565.69
Tamil Nadu	439.28	378.80	1291.09	970.18	12.08	10.56	53.07	76.55	3.71	8.28	0.00	0.00	171.01	245.95
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	1392.80	1264.63	4347.09	3914.41	14.30	20.18	181.60	325.32	52.63	107.59	48.62	36.99	1552.90	2063.82
EASTERN REGION														
Andaman Nicobar	0.00	0.00	3.07	2.81	0.00	0.00	0.00	0.00	0.82	0.01	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	22.28	16.37	0.00	0.00	1.65	11.89	0.00	0.00	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	8.38	10.67
Odisha	0.00	0.00	73.57	68.95	7.59	6.00	0.00	0.00	18.96	19.82	0.00	0.00	437.98	368.73
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	74.21	545.25
West Bengal	0.00	0.00	23.66	13.13	0.00	0.00	0.00	0.00	13.37	14.42	112.68	128.71	156.77	178.20
Eastern Region	0.00	0.00	124.05	102.74	7.59	6.00	1.65	11.89	34.18	35.28	112.68	128.71	677.34	1102.85

RE generation(MUs) data (source wise) for the month of April -2024 and April -2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23	Apr'24	Apr'23
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.09	0.19	0.00	0.00	0.00	0.00	0.05	0.08	0.00	0.00	237.33	219.89
Assam	0.00	0.00	28.60	27.51	0.00	0.00	0.00	0.00	13.38	2.65	0.04	0.00	26.11	10.89
Manipur	0.00	0.00	0.71	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	17.40	7.05
Megh alaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.82	4.73	0.00	0.00	37.36	40.42
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	4.04	10.43
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	3.24	0.00	0.00	4.39	1.41
Tripura	0.00	0.00	0.56	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	30.32	29.17	0.00	0.00	0.00	0.00	28.72	18.69	0.04	0.62	326.63	290.09
All India Total	4729.26	4249.20	12021.05	10318.69	278.73	295.62	781.11	1000.32	593.84	586.21	231.36	225.12	8109.14	8728.97



This report is published by
Renewable Project Monitoring Division
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