



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

June-2024/ जून -2024

नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

वितरण सूची/Distribution List

1. सचिव, विद्युत मंत्रालय, श्रम शक्ति भवन, रफी मार्ग, नई दिल्ली- 110001
Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-01
2. सचिव, नवीन और नवीकरणीय ऊर्जा मंत्रालय, ब्लॉक -14, अटल अक्षय ऊर्जा भवन, सीजीओ कॉम्प्लेक्स, लोधी रोड, नई दिल्ली -03
Secretary, Ministry of New and Renewable Energy, Atal Akshay Urja Bhawan, CGO Complex, Lodhi Road, New Delhi-03
3. अध्यक्ष, के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Chairperson, CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
4. सदस्य (योजना), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (Planning), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
5. सदस्य (ई & सी), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (E&C), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
6. सदस्य (जी.ओ.डी.), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (GO&D), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
7. सदस्य (ताप-विद्युत), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (Thermal), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
8. सदस्य (जल-विद्युत), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (Hydro), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
9. सदस्य (विद्युत् प्रणाली), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (Power System), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
10. सलाहकार (ऊर्जा), नीति आयोग, संसद मार्ग, नई दिल्ली, दिल्ली 110001
Adviser (Energy), Niti Aayog, Sansad Marg, New Delhi, Delhi 110001
11. मुख्य अभियंता (जी.एम.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (GM), CEA, Sewa Bhawan, New Delhi-110066
12. मुख्य अभियंता (आई.टी.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (IT), CEA, Sewa Bhawan, New Delhi-110066
13. मुख्य अभियंता (ओ.पी.एम.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (OPM), CEA, Sewa Bhawan, New Delhi-110066
14. मुख्य अभियंता (आईसी & सी), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (IC&C), CEA, Sewa Bhawan, New Delhi-110066
15. निदेशालय (अर्थशास्त्र और सांख्यिकी), विकास भवन- II, तीसरी मंजिल, B 'विंग, मेटकाफ हाउस, न. दि -110054
Directorate of Economics & Statistics, Vikas Bhawan-II, IIIrd Floor, 'B' Wing, Metcalfe House, ND-54.

Contents	Page No.
Highlights of RE generation during June 2024	01
Summary of Renewable Energy Generation	09
All India Summary of source wise Renewable Generation	16

Table List:

Contents	Page No.
Table 1: All India Summary of Renewable Energy Generation	16
Table 2: Renewable Energy Generation by ISGS Stations	17
Table 3: Renewable Energy Generation by CPSU Owned stations	21
Table 4: Deviation Data for ISGS	25
Table 5: Fossil and Non-Fossil Generation for the Month of June 2024	30
Table 6: Fossil and Non-Fossil for the period of April 2024- June 2024	32
Table 7: Renewable Energy as % of Total Electricity Generated	34
Table 8: Cumulative Renewable Energy as % of Total Electricity Generated	36
Table 9: Monthly Source wise RE generation June 2024 and June 2023	38
Table10: Cumulative Source wise RE generation April 24- June 24 and April 23- June 23	41

List of Figures	Page No.
Figure 1: All India Month wise RE Capacity Addition	02
Figure 2: All India Month wise Solar Capacity Addition	03
Figure 3: All India Month wise Wind Capacity Addition	03
Figure 4: RE capacity added during the Month	04
Figure 5: Source wise addition in RE Installed Capacity	04
Figure 6: Installed Capacity in India as on 30.06.2024	05
Figure 7: Cumulative Total Energy Generation in India and Share of RE Generation	05
Figure 8: Total Energy Generation in India and Share of RE in the month of June 2024	06
Figure 9: RE Generation Region Wise of June-2024	06
Figure 10: RE Cumulative Generation Region Wise Upto (April 2024 to June 2024)	07
Figure 11: Source wise breakup of RE Generation in the month of June 2024	07
Figure 12: Source wise breakup of Cumulative RE Generation for 2024-25 (Upto June 2024)	08
Figure 13: Summary of Renewable Energy Generation	09
Figure 14: Additional RE Generation in June 2024 as compared to June 2023	09
Figure 15: Month Wise Growth of RE Generation in year 2024-25 w.r.t to previous year of same Month	10
Figure 16: Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25	10
Figure 17: Month Wise Wind Power Generation in 2023-24 & in year 2024-25	11
Figure 18: Month Wise Solar Power Generation in 2023-24 & in year 2024-25	11
Figure 19: Month Wise Biomass Power Generation in 2023-24 & in year 2024-25	12
Figure 20: Month Wise Bagasse Power Generation in 2023-24 & in year 2024-25	12
Figure 21: Month Wise Small Hydro Power Generation in 2023-24 & in year 2024-25	13
Figure 22: Month Wise Large Hydro Power Generation in 2023-24 & in year 2024-25	13
Figure 23: Month Other RE (Waste Heat etc.) Power Generation in 2023-24 & in year 2024-25	14
Figure 24: Year wise RE generation	14
Figure 25: Daily Solar and wind Power Generation Trend in the month of June 2024	15

Highlights of RE GENERATION

1. RE capacity addition during June 2024 has been 1432.85 MW (Solar – 1196.89 MW, Wind – 233.90 MW, Others- 2.06 MW).
2. All India RE generation during June 2024 has increased by 0.78 % as compared to June 2023.
3. Large Hydro Power generation during June 2024 as compared to June 2023 has decreased by 1.12 %.
4. Solar Power generation during June 2024 as compared to June 2023 has increased by 19.13 % on All India Basis except Punjab, Andhra Pradesh, Telangana, Karnataka and Assam.
5. Wind Power generation during June 2024 as compared to June 2023 has decreased by 12.31 %.
6. Biomass Power generation during June 2024 as compared to June 2023 has decreased by 5.09 %.
7. Bagasse power generation during June 2024 as compared to June 2023 has increased by 4.11% on All India Basis except Uttar Pradesh, Tamil Nadu.
8. Others (Waste to Energy) Power generation has increased by 0.25 % during June 2024 as compared to June 2023 on All India basis except Uttar Pradesh, West Bengal.
9. Small Hydro Power generation during June 2024 as compared to June 2023 has increased by 5.59 % on All India Basis except Jammu & Kashmir, Maharashtra, Madhya Pradesh, Andhra Pradesh etc.
10. The generation from ISGS stations (Solar and Wind plants) for the month of June 2024 is 6215.68 MUs which is 16.70 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of June 2024 is 806.14 MUs which is 2.16 % of the Monthly RE generation during the month.

All India RE Capacity Addition

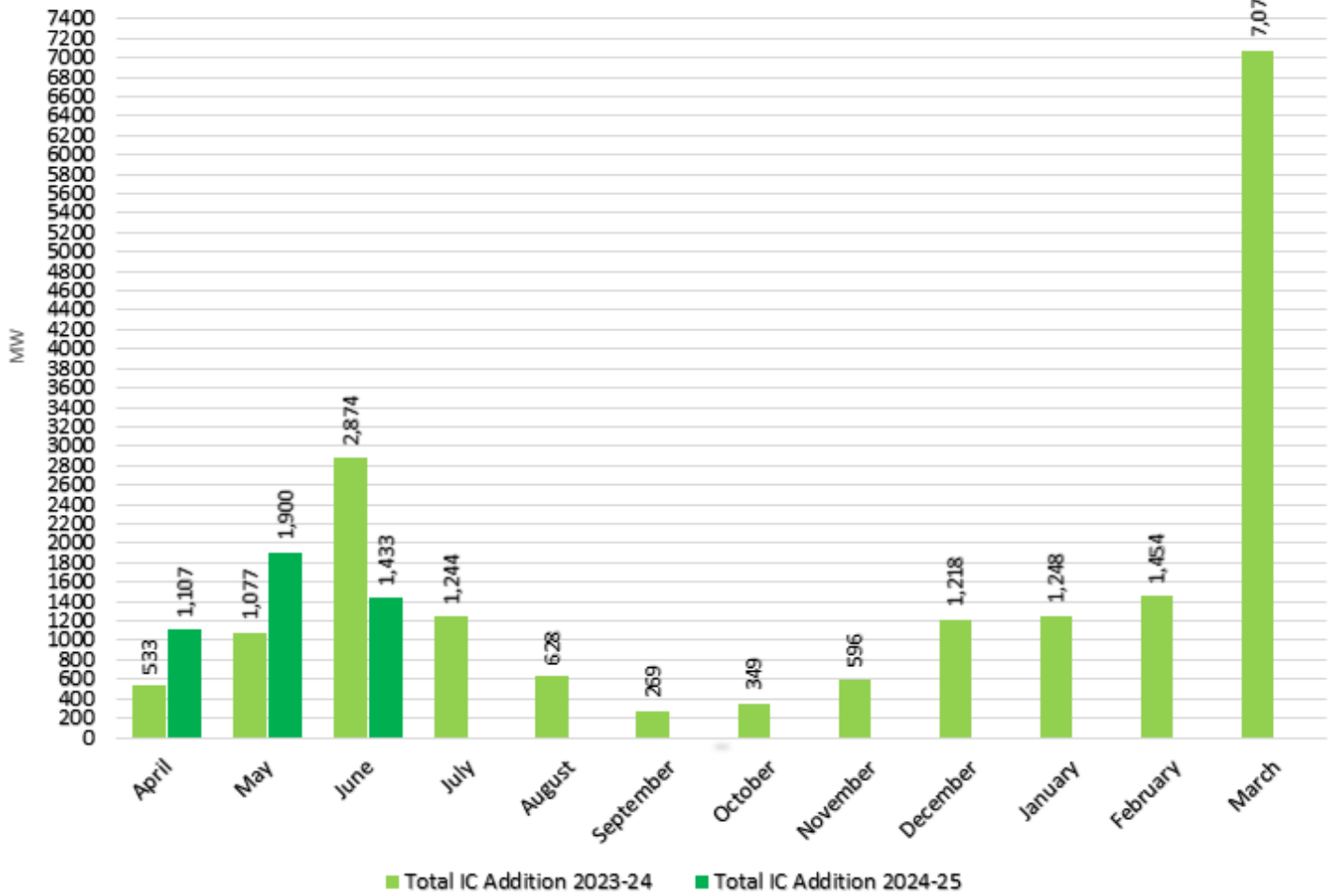


Figure 1: All India Month wise RE Capacity Addition

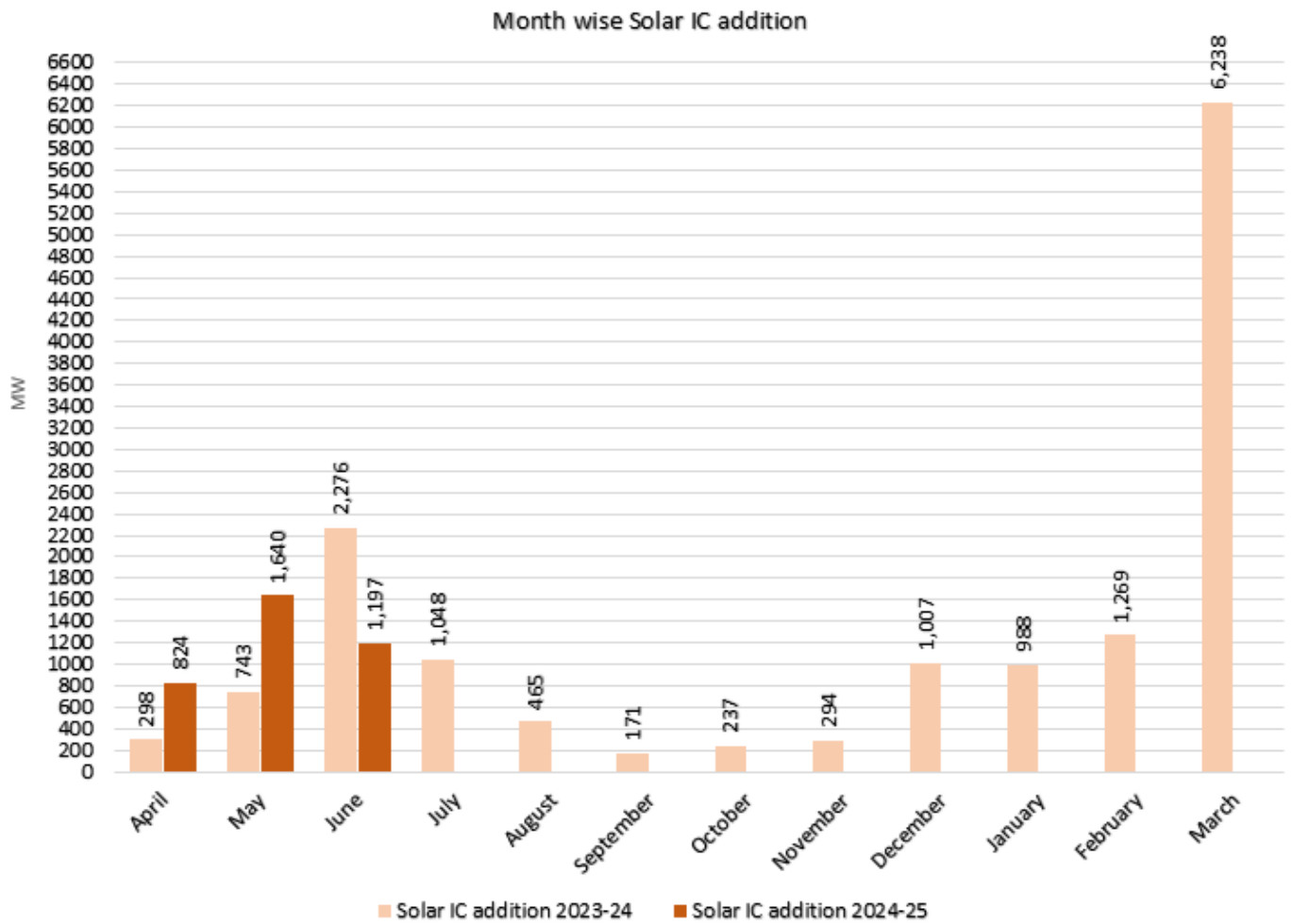


Figure 2: All India Month wise Solar Capacity Addition

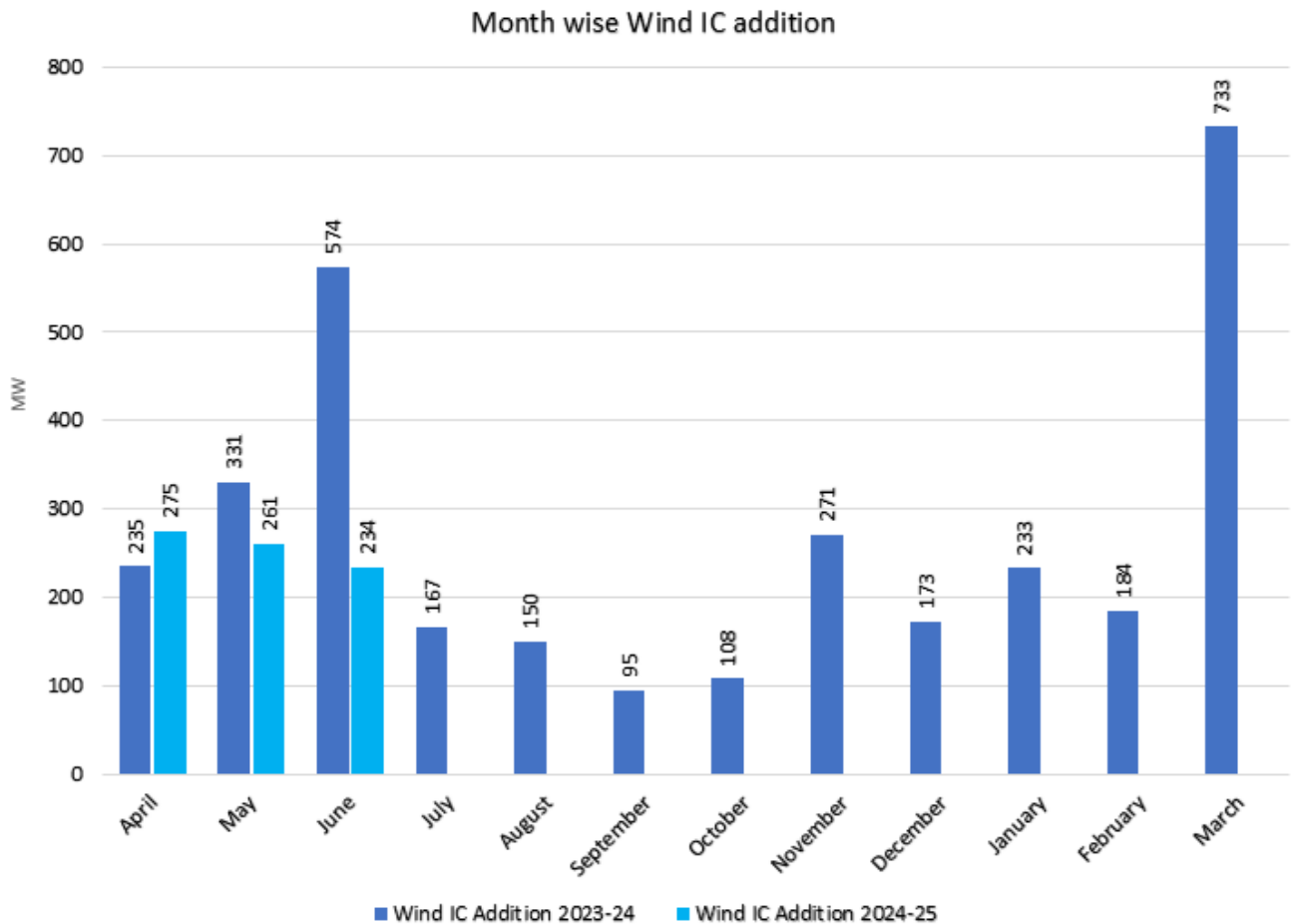


Figure 3: All India Month wise Wind Capacity Addition

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

Decreased by 50.14 % as compared to June 23.

Decreased by 24.60 % as compared to May 24.

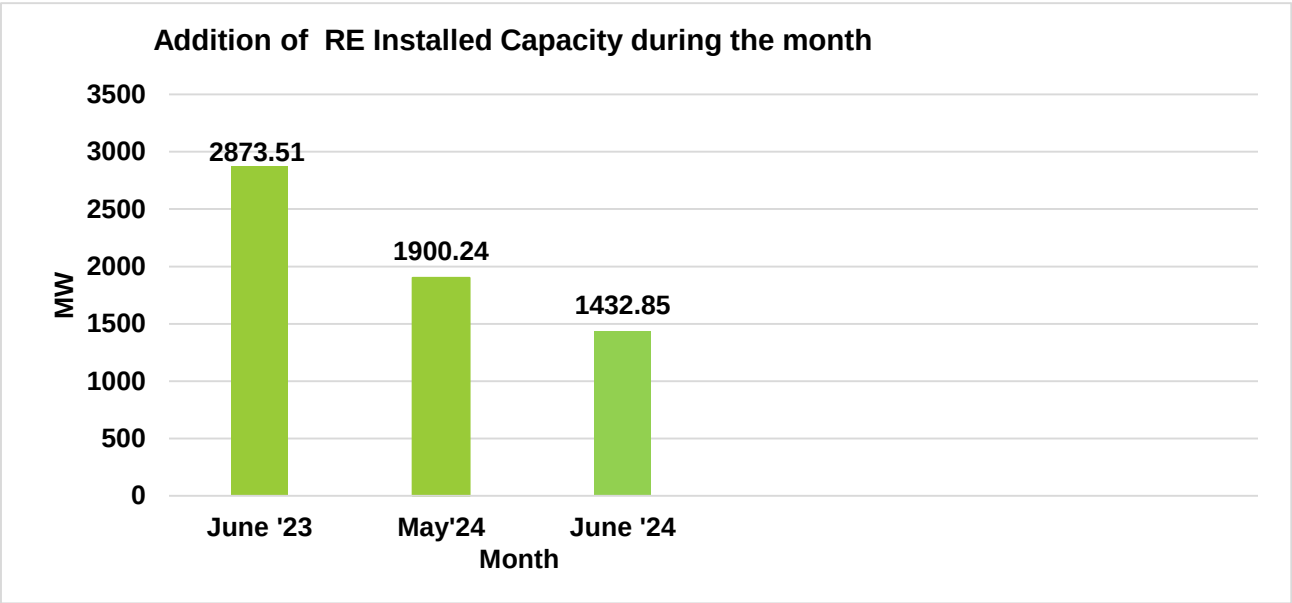


Figure 4: RE capacity added during the Month

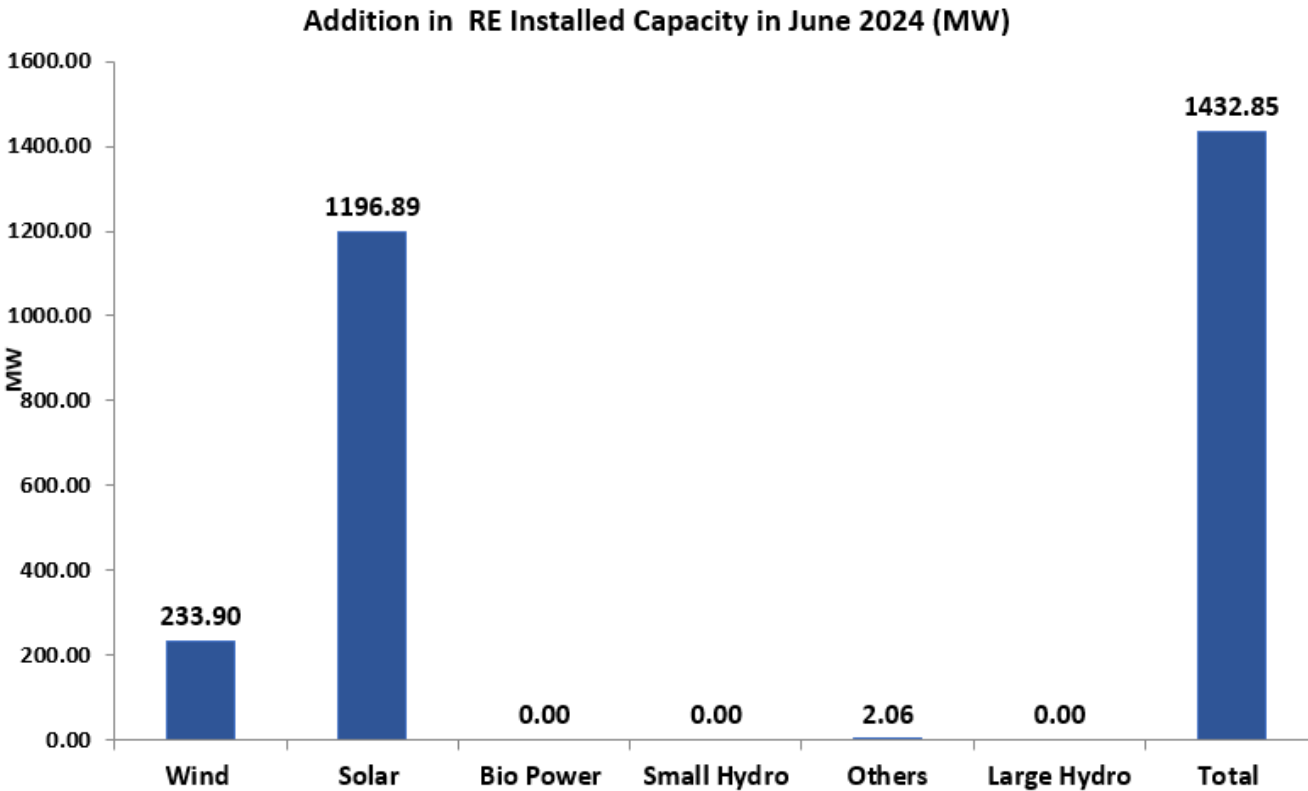


Figure 5: Source wise addition in RE Installed Capacity in June 24

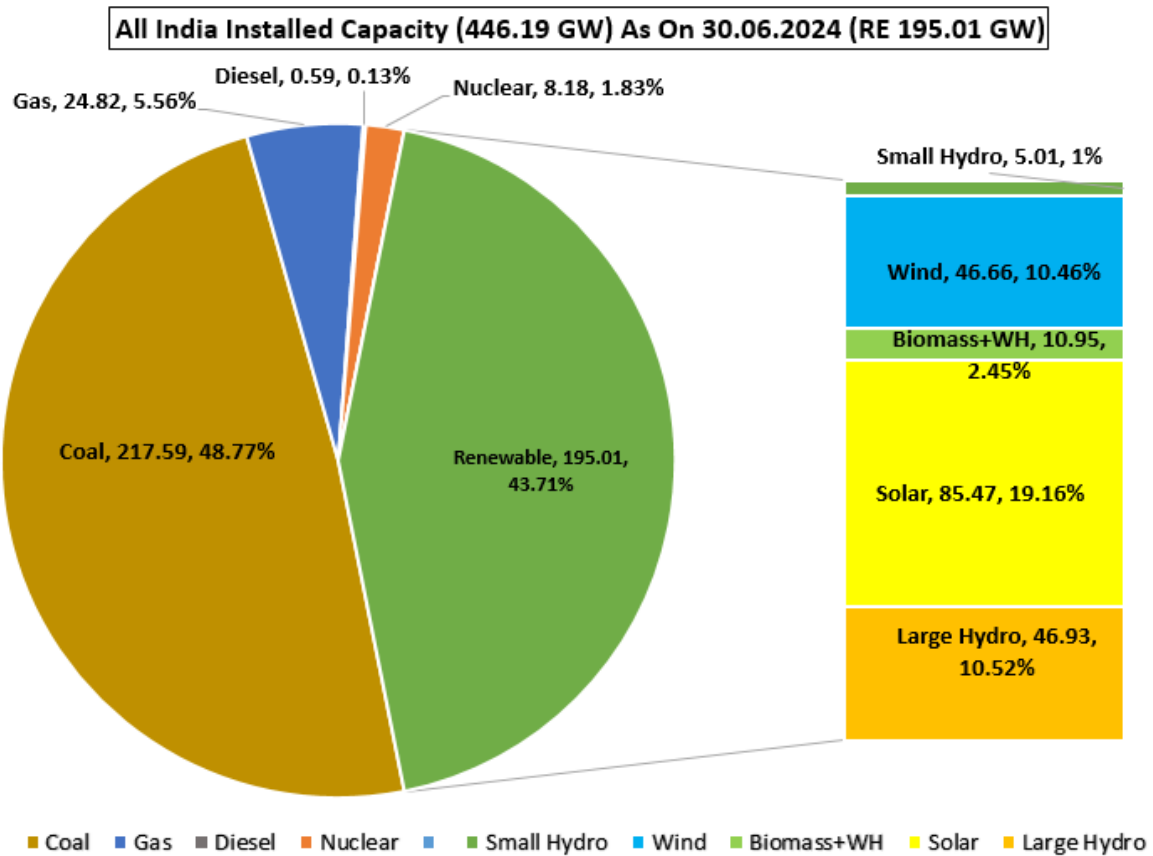


Figure 6: Installed Capacity in India as on 30.06.2024

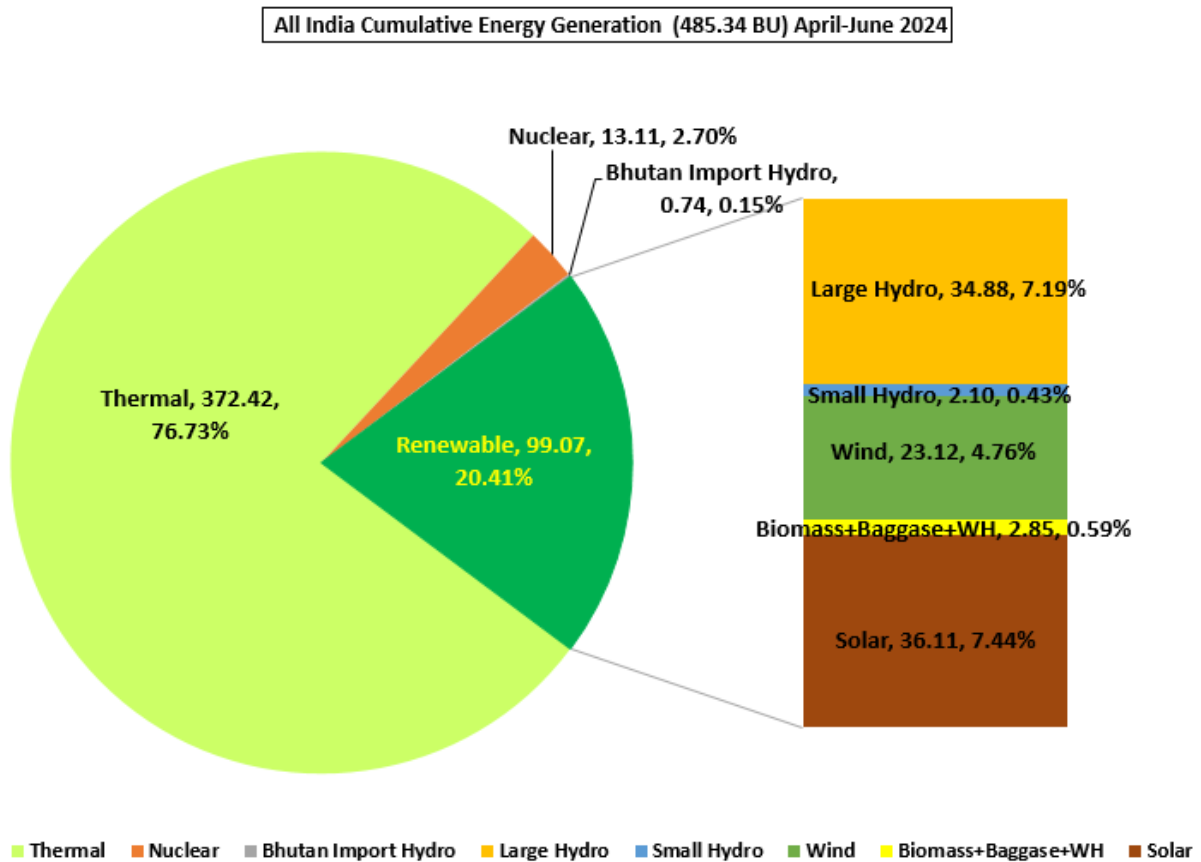


Figure 7: Cumulative Total Energy Generation in India and Share of RE for the year 2024-25

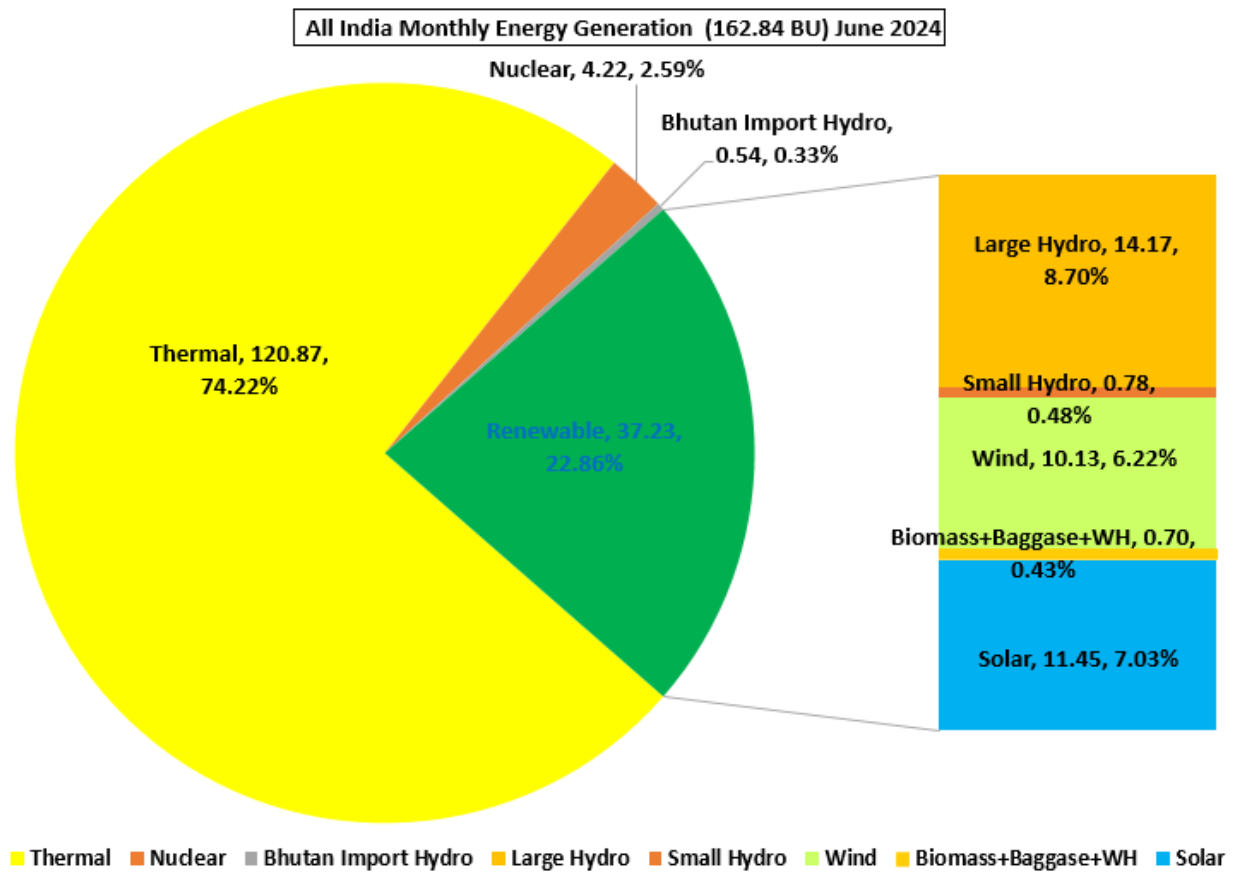


Figure 8: Total Energy Generation in India and Share of RE in the month of June 2024

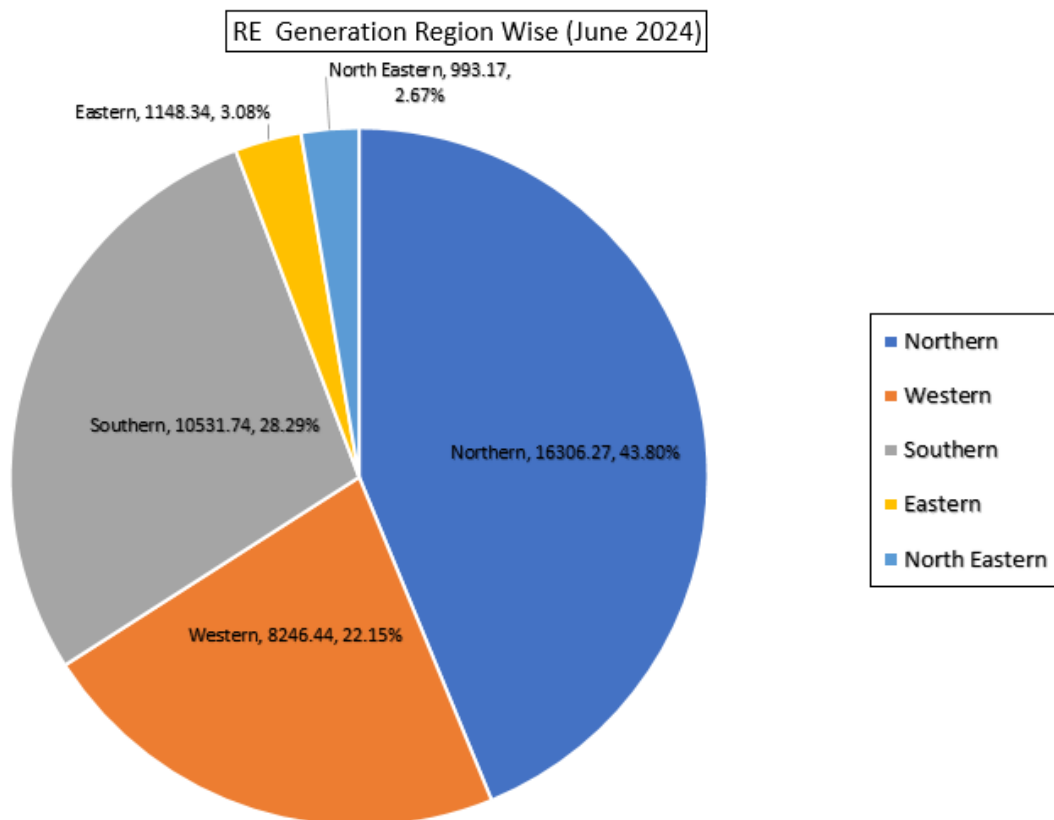


Figure 9: RE Generation Region Wise of June-2024

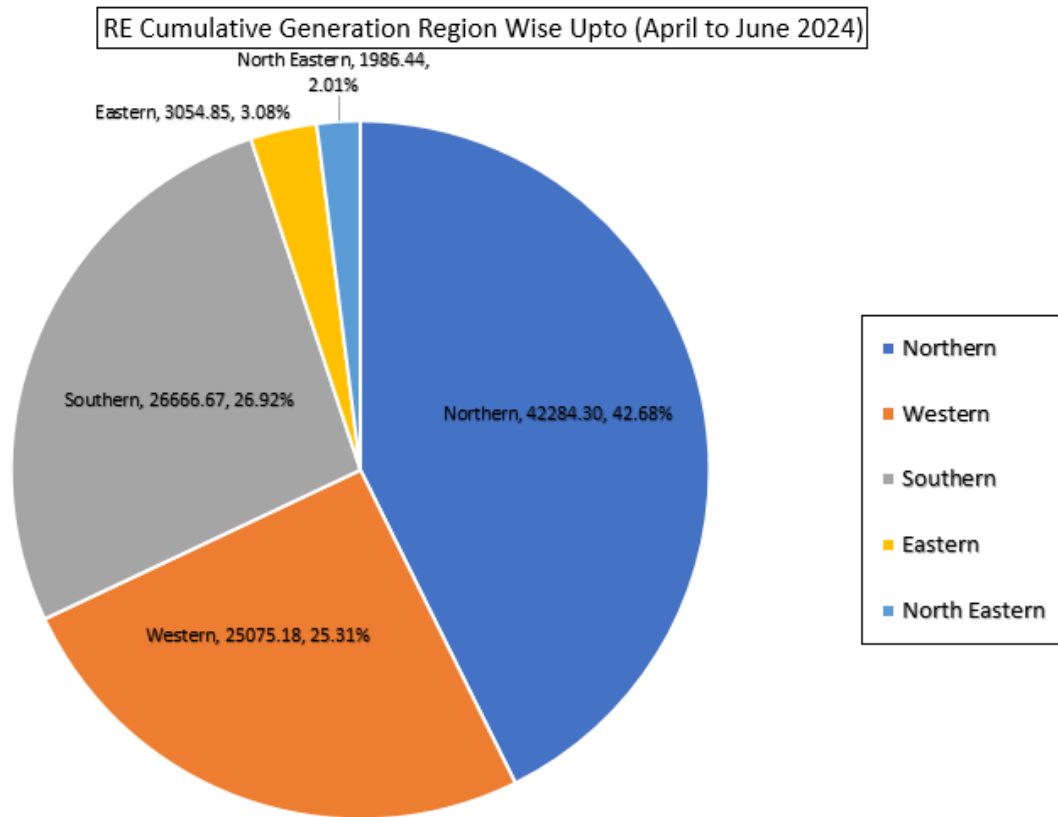


Figure 10: RE Cumulative Generation Region Wise Upto (April 2024 to June 2024)

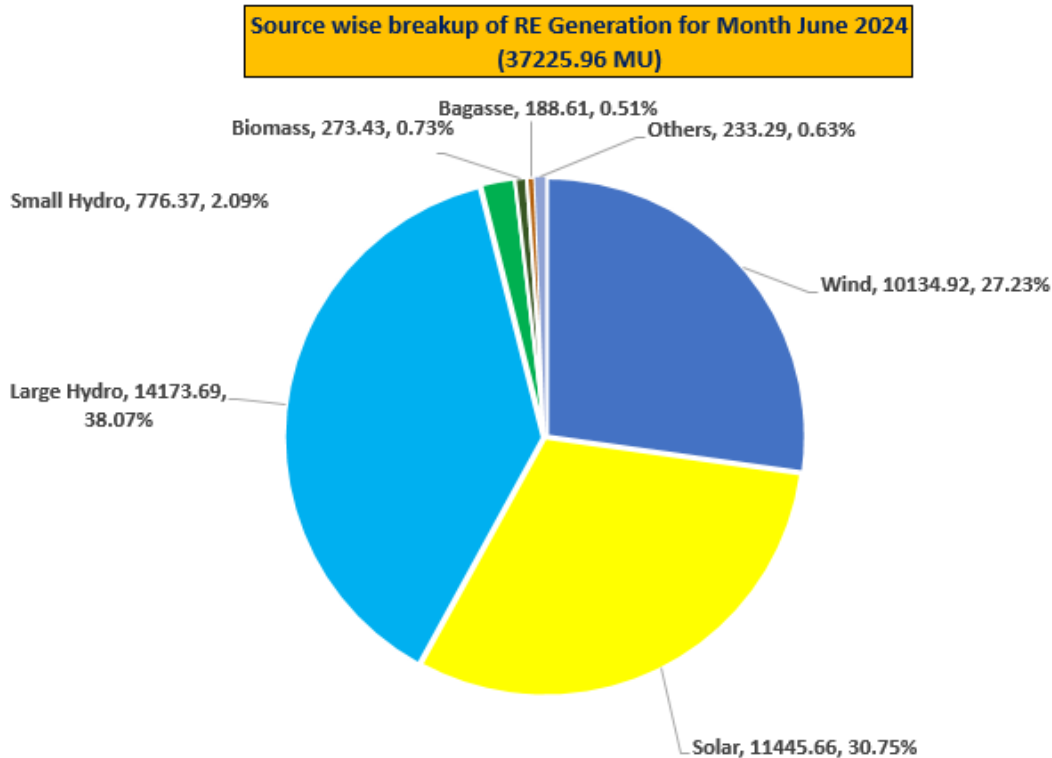


Figure 11: Source wise breakup of RE Generation in the month of June-2024

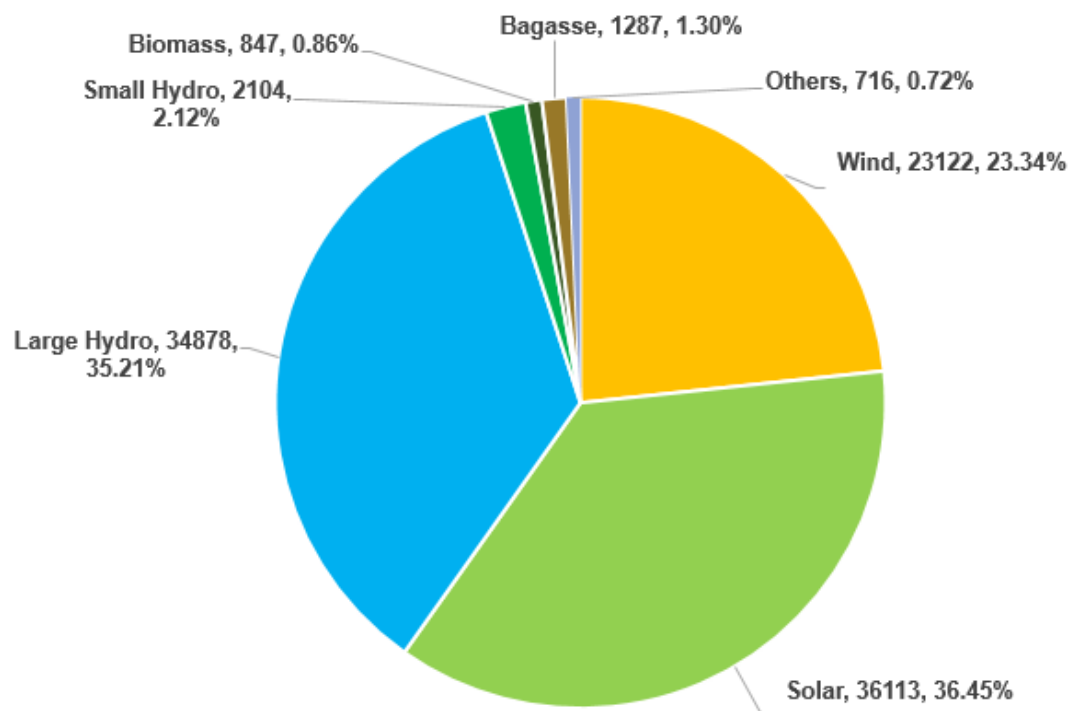


Figure 12: Source wise breakup of Cumulative RE Generation for the year 2024-25.

Summary of Renewable Energy Generation

Increased by 0.78 % as compared to June' 23

Increased by 6.07 % as compared to May'24

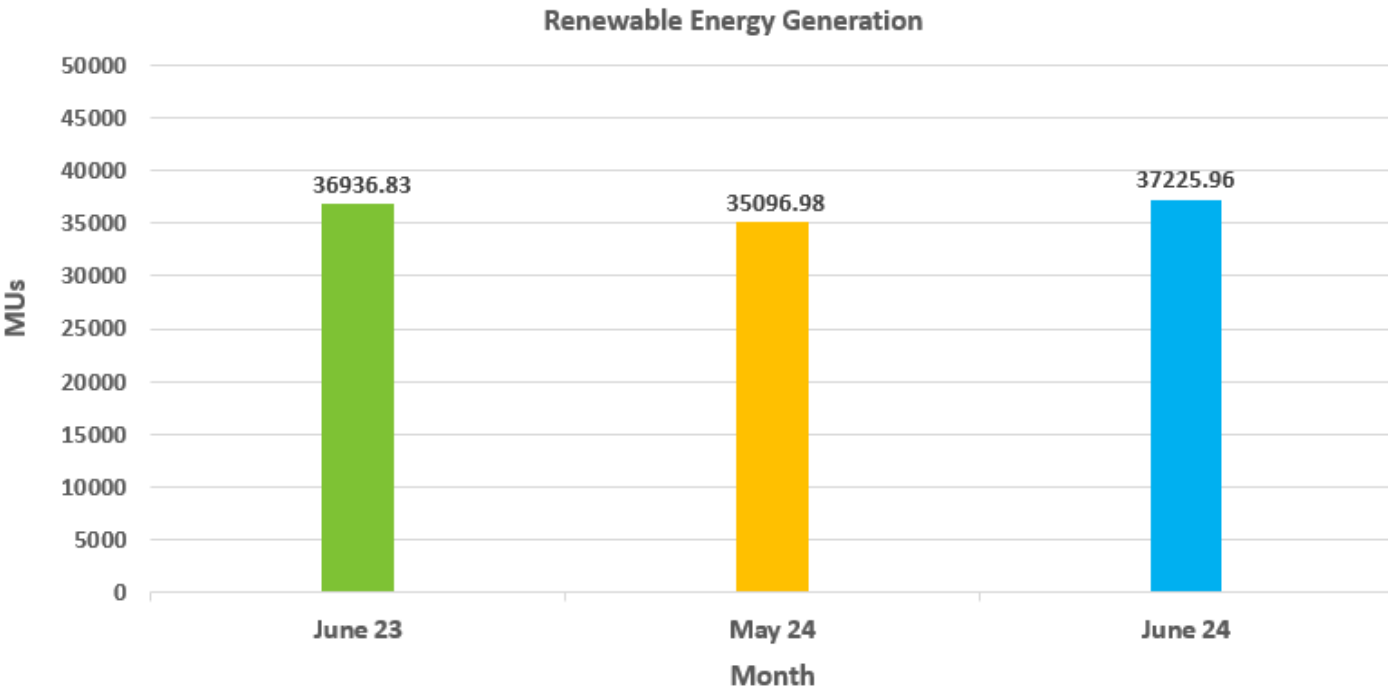


Figure 13: Renewable Energy Generation

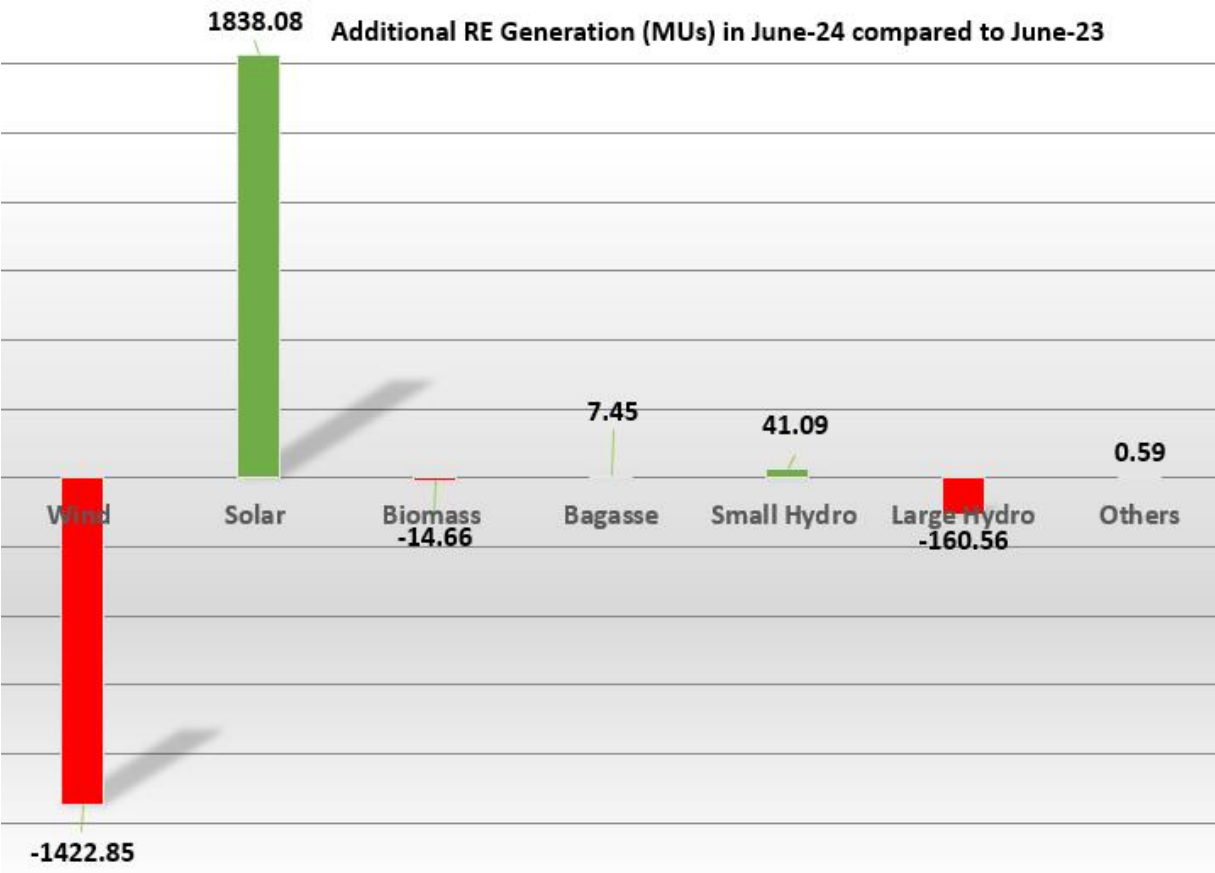


Figure 14: Additional RE Generation in June-24 as compared to June-23

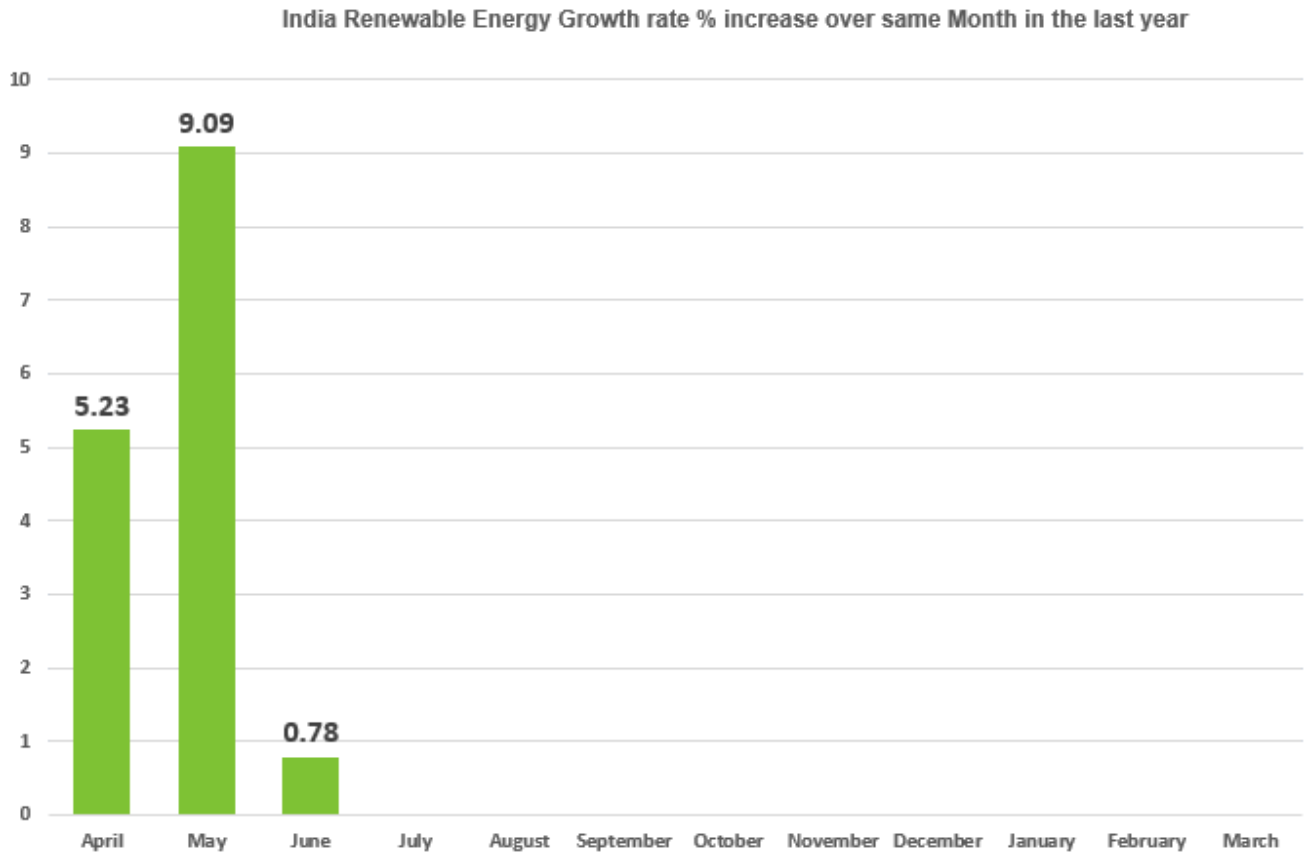


Figure 15: Month Wise % Growth of RE Generation in year 2024-25 w.r.t to previous year Same Month.

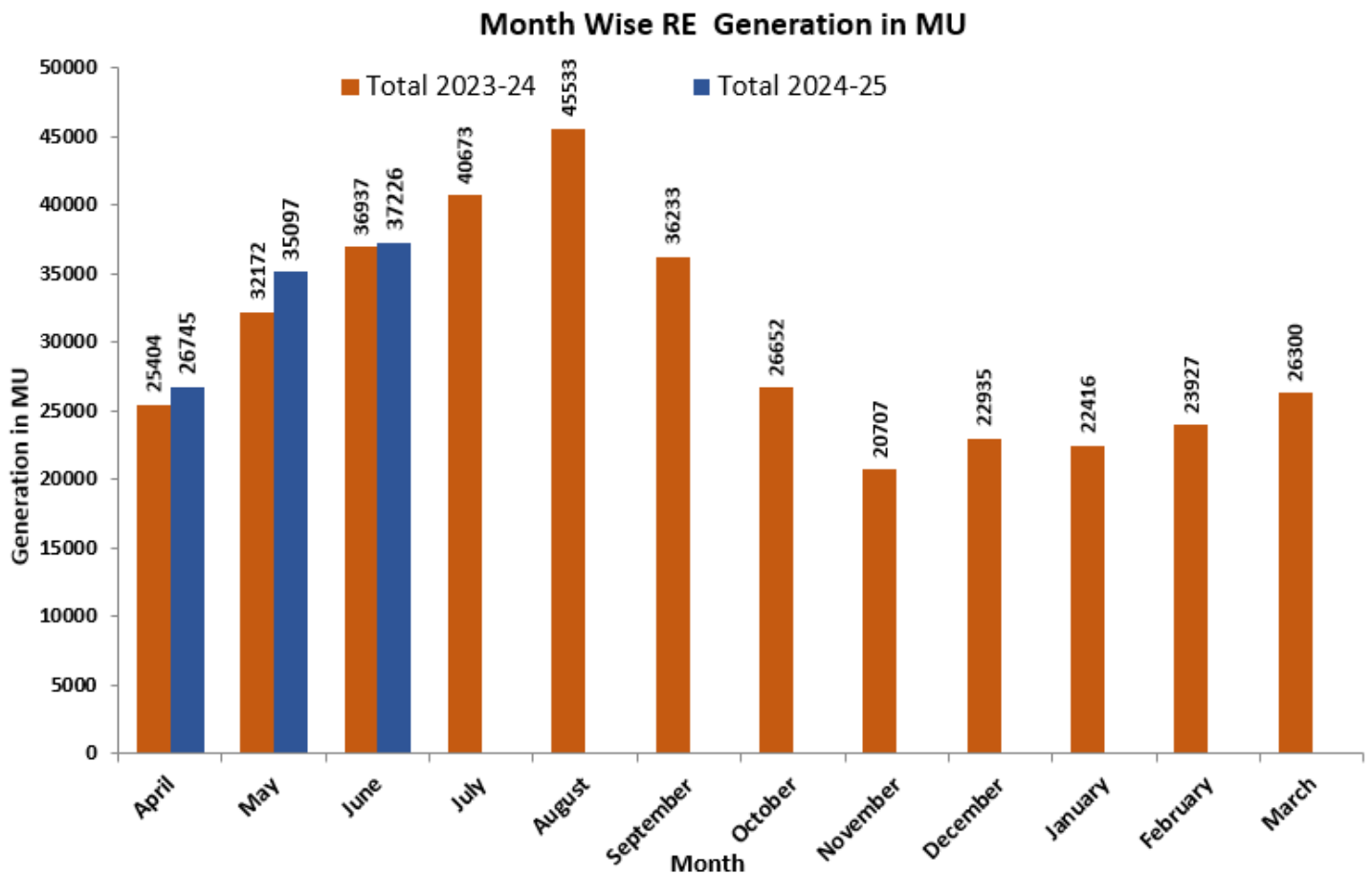


Figure 16: Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25.

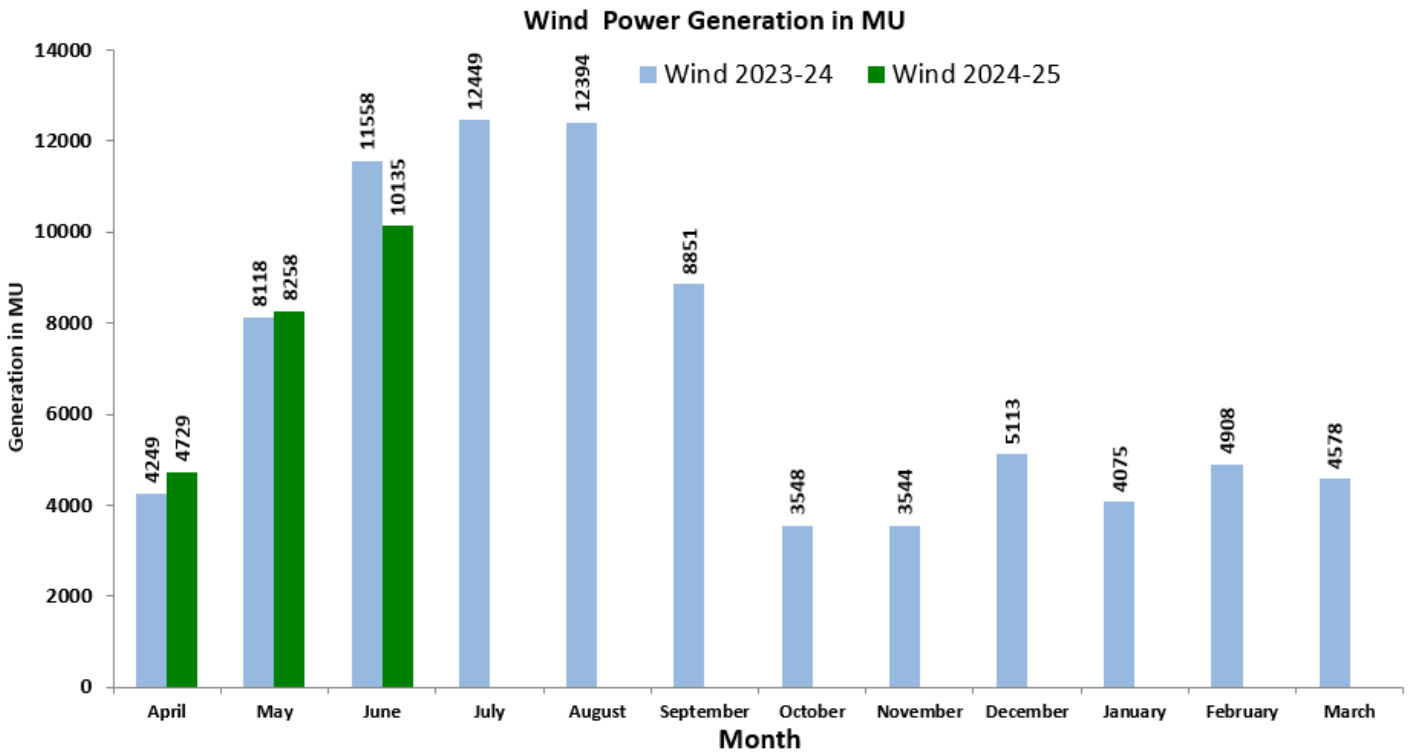


Figure 17: Month Wise Wind Power Generation for the year 2023-24 and year 2024-25.

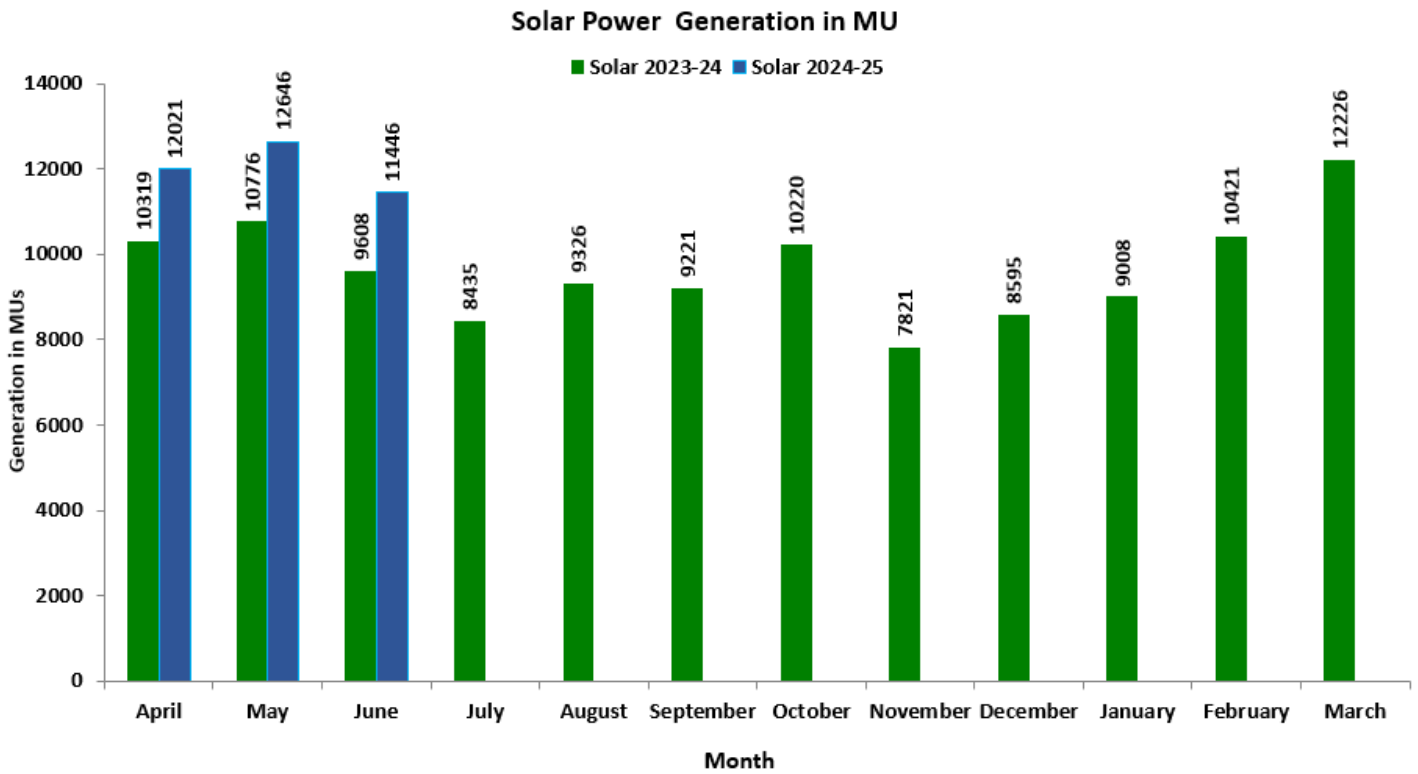


Figure 18: Month Wise Solar Power Generation for the year 2023-24 and year 2024-25.

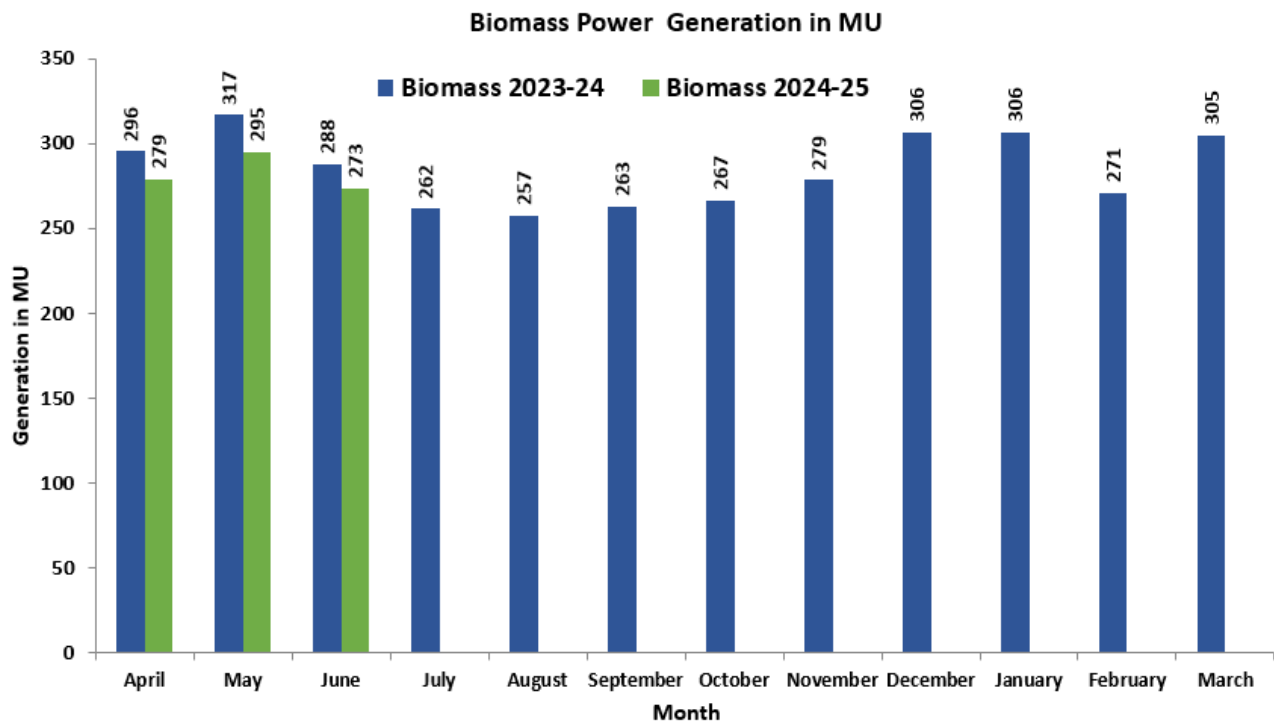


Figure 19: Month Wise Biomass Power Generation for the year 2023-24 and year 2024-25.

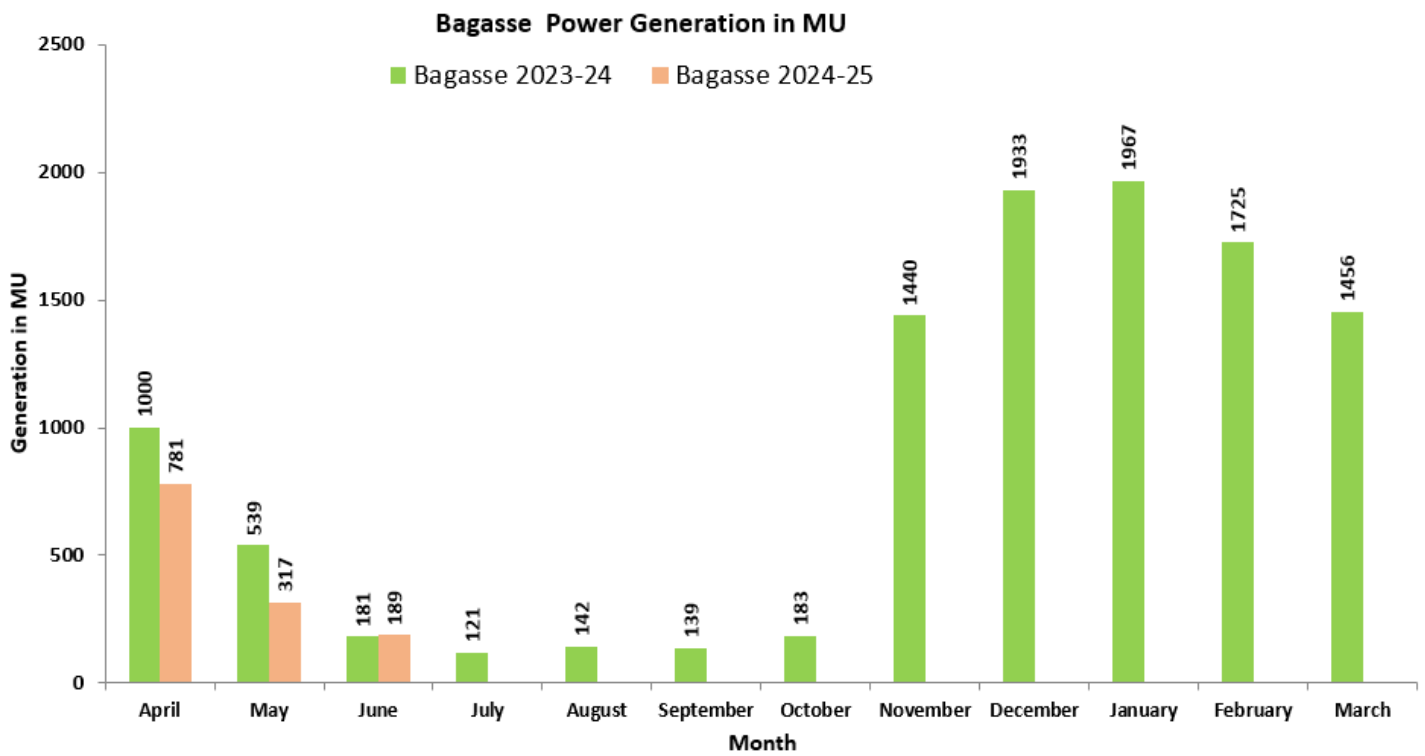


Figure 20: Month Wise Bagasse Power Generation for the year 2023-24 and year 2024-25.

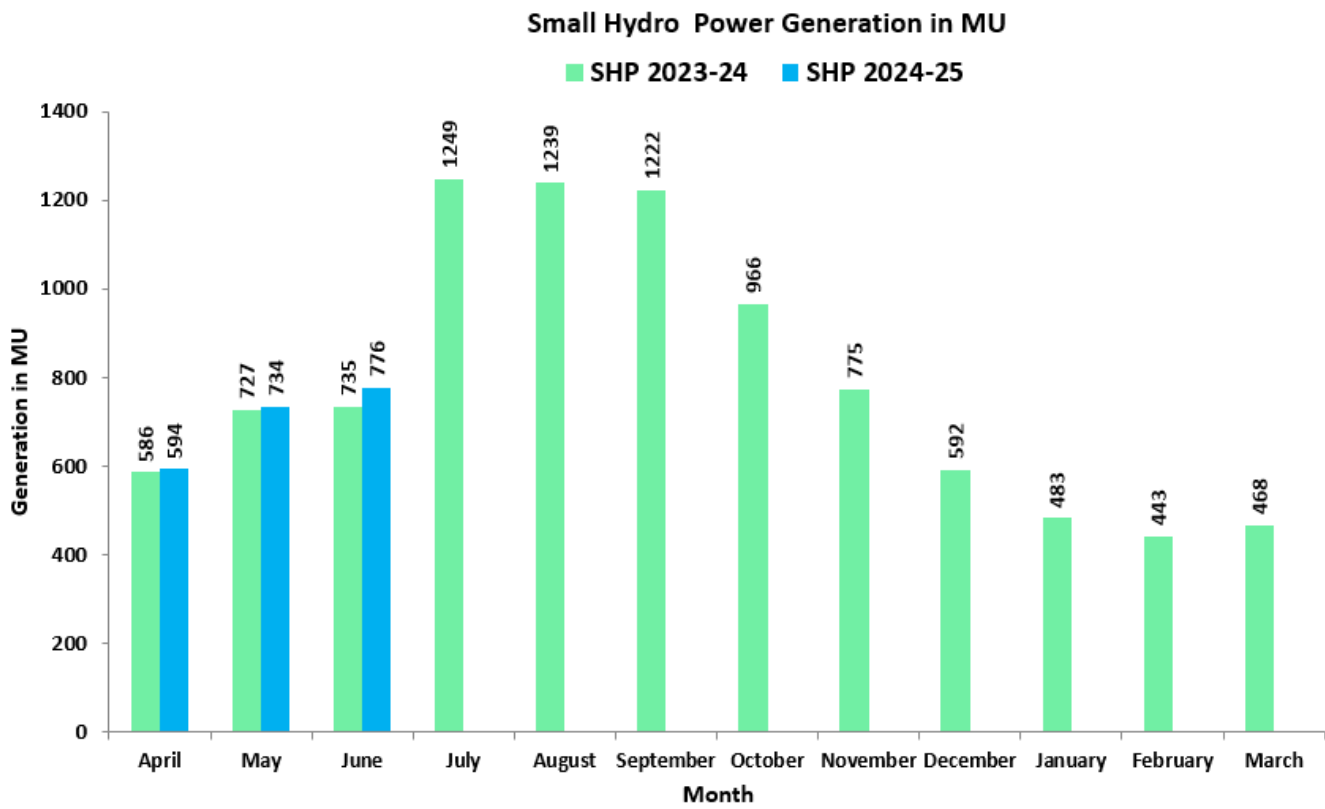


Figure 21: Month Wise Small Hydro Power Generation for the year 2023-24 and year 2024-25.

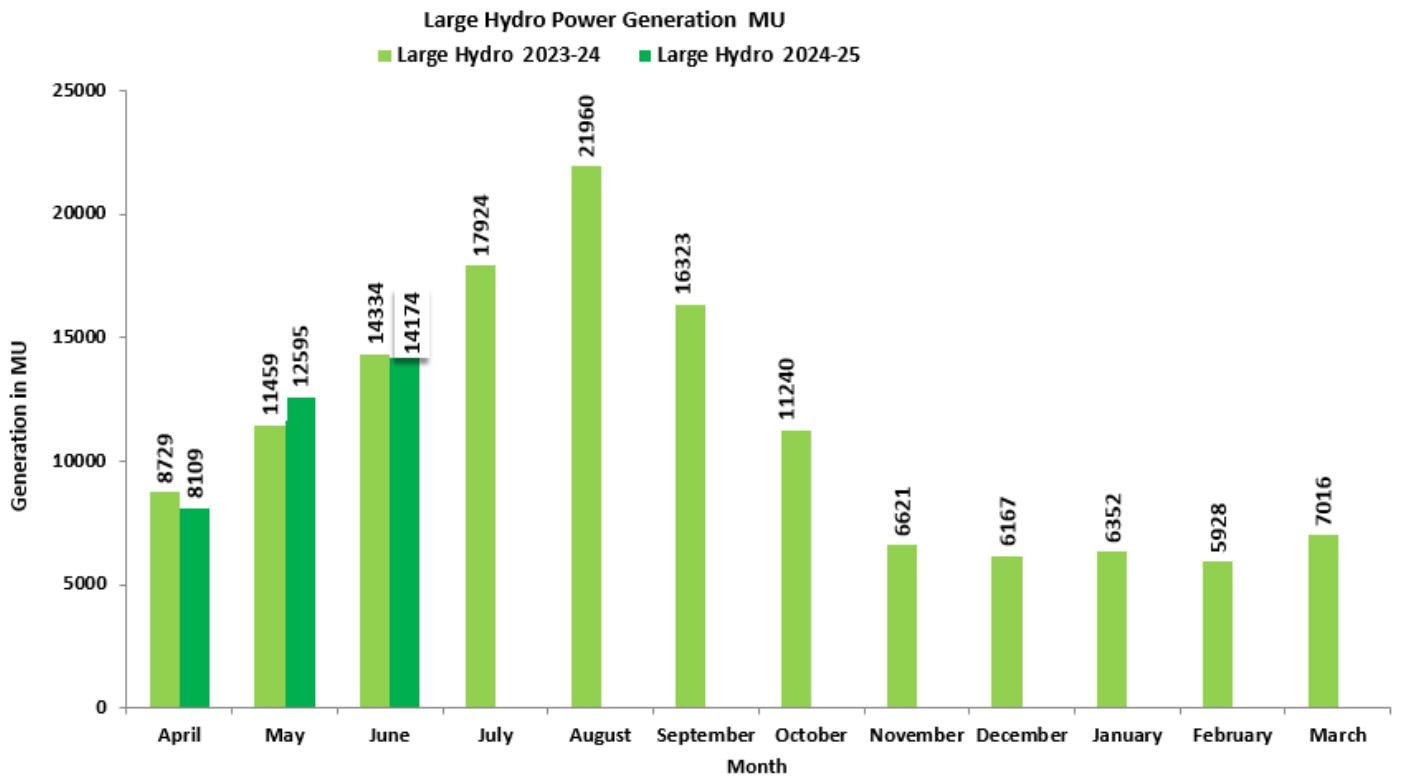


Figure 22: Month Wise Large Hydro Power Generation for the year 2023-24 and year 2024-25.

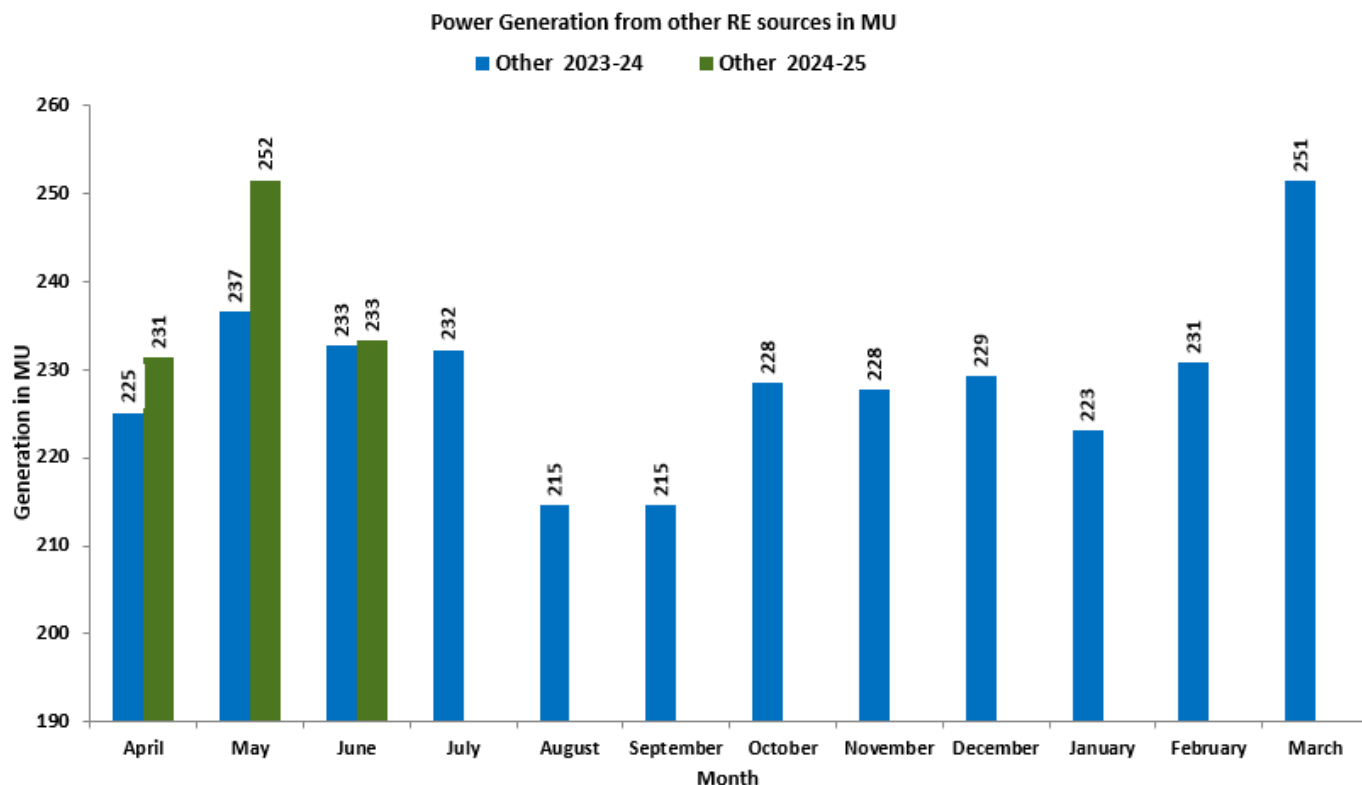


Figure 23: Month Wise Other RE (Waste Heat etc.) Power for the year 2023-24 and year 2024-25.

Year wise Generation of RE in MU

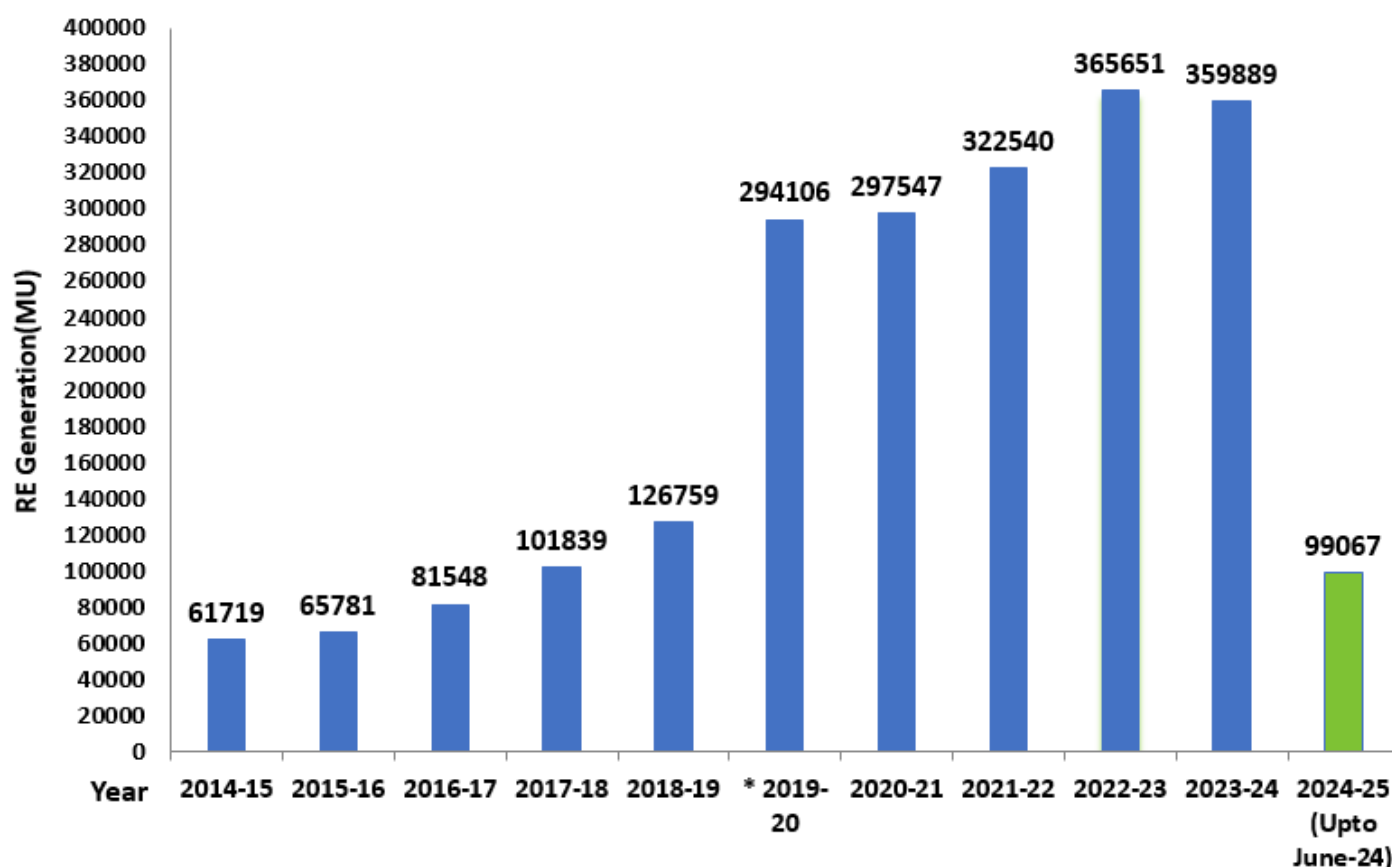


Figure 24: Year Wise RE Generation

(*) 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 (June,2024)

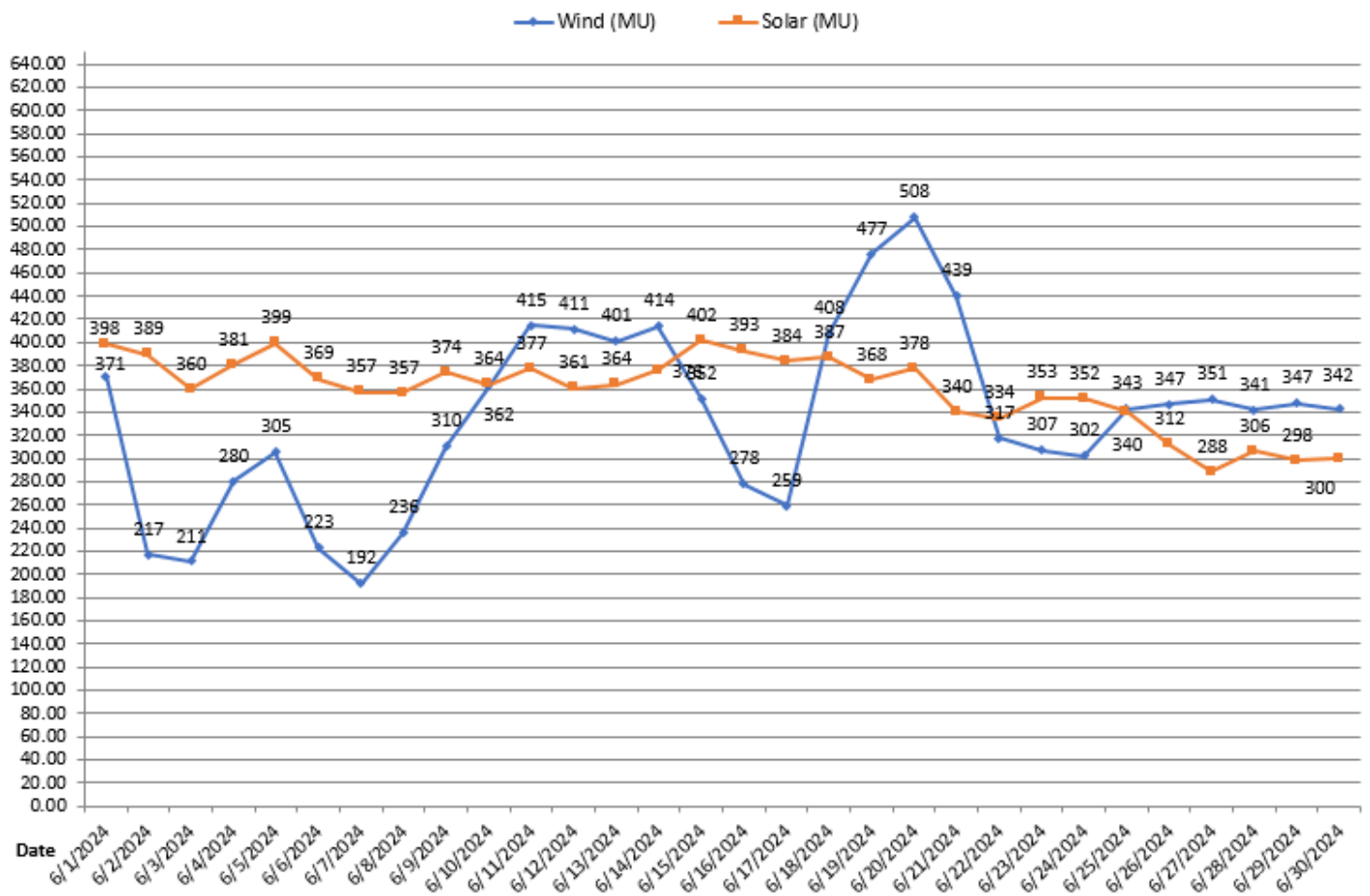


Figure 25: Daily solar and wind power generation trend in the month of June-2024

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	Installed Capacity (MW) (as on 30.06.2024)	Monitored Capacity (MW) (as on 30.06.2024) for which generation data is available	RE Generation(MU) June'2024	RE Generation(MU) June'2023	% of same Month Last Year	RE Generation (MU) April'2023- June'2024	RE Generation (MU) April'2022- June'2023	% of same period Last Year
पवन/Wind	46656.37	46329.28	10134.92	11557.77	87.69	23121.80	23924.59	96.64
सौर/Solar	85474.31	72722.84(*)	11445.66	9607.58	119.13	36112.70	30702.41	117.62
बायोमास/Biomass	10355.35	9848.42	273.43	288.09	94.91	847.32	900.74	94.07
बगास/Bagasse			188.61	181.16	104.11	1286.79	1720.23	74.80
लघु जल विद्युत्/Small Hydro	5005.25	4011.28	776.37	735.28	105.59	2104.37	2048.82	102.71
बृहत् जल विद्युत्/Large Hydro(\$)	46928.17	46928.17	14173.69	14334.25	98.88	34878.25	34521.90	101.03
अन्य/Others	593.36	832.89	233.29	232.70	100.25	716.21	694.34	103.15
कुल/Total Excluding Large Hydro	148084.64	133744.71	23052.27	22602.58	101.99	64189.19	59991.13	107.00
कुल/Total Including Large Hydro	195012.81	180672.88	37225.96	36936.83	100.78	99067.44	94513.03	104.82

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

(\$) Large Hydro Generation data excludes import from Bhutan. However, the import from Bhutan during June 2024 and April 24 – June 24 are 535.20 MUs and 744.00 MU respectively.

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

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	Solar	1.23
Dadri Solar	Uttar Pradesh	Central	Solar	0.58
Singrauli Solar	Uttar Pradesh	Central	Solar	1.68
Auraiya	Uttar Pradesh	Central	Solar	6.23
Kolayat	Rajasthan	Central	Solar	93.82
Nokhra	Rajasthan	Central	Solar	60.96
Devikot	Rajasthan	Central	Solar	46.47
ABC Renewable Energy	Rajasthan	Private	Solar	68.15
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar	55.41
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	68.37
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	168.62
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	81.03
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	80.27
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	82.25
ADANI SEJ2PL M	Rajasthan	Private	Solar	32.36
ADANI SEJ2PL P	Rajasthan	Private	Solar	32.77
ALTRA XERGI	Rajasthan	Private	Solar	84.73
AMP Energy Green Five	Rajasthan	Private	Solar	25.67
AMP Energy Green Six	Rajasthan	Private	Solar	28.11
AMPLUS_AGES	Rajasthan	Private	Solar	25.33
ASERJ2PL	Rajasthan	Private	Solar	45.01
ASERJ2PL_INFRM	Rajasthan	Private	Solar	4.07
ASERJ2PL_BHDL	Rajasthan	Private	Solar	33.13
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	43.26
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	91.14
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	11.32
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	40.94
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	60.30
Adept_Renewable	Rajasthan	Private	Solar	29.88
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	71.87
Avaada RJHN Private Limited	Rajasthan	Private	Solar	49.38
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	71.91
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	63.16

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Ayana Renewable Three	Rajasthan	Private	Solar	32.00
Ayana Renewable Three Infirm	Rajasthan	Private	Solar	11.08
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	65.60
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	63.60
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	127.22
Azure Power India Pvt Ltd	Rajasthan	Private	Solar	37.29
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	38.90
Azure Power Thirty Four Private Ltd	Rajasthan	Private	Solar	15.91
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	52.63
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar	69.25
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	66.71
GRIAN ENERGY	Rajasthan	Private	Solar	24.67
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	Solar	11.51
MEGA SOILS RENEWABLE PRIVATE LIMITED	Rajasthan	Private	Solar	54.26
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	53.58
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	24.24
Nindan Solar Fatehgar	Rajasthan	Private	Solar	64.82
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	64.09
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	11.55
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar	51.85
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	63.63
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	63.47
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	63.40
Renew Surya Pratap Infirm	Rajasthan	Private	Solar	0.00
Renew Surya Pratap	Rajasthan	Private	Solar	43.70
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	63.01
Renew Surya Roshini infirm	Rajasthan	Private	Solar	13.67
Rising Sun Energy	Rajasthan	Private	Solar	42.41
SERENTICA Renewables	Rajasthan	Private	Solar	39.43
Renew Surya Roshni	Rajasthan	Private	Solar	64.62
Renew Surya Vihaan	Rajasthan	Private	Solar	20.91
Renew Surya Ayaan	Rajasthan	Private	Solar	61.48
Tata Power Green Energy Limited	Rajasthan	Private	Solar	45.15
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	62.82
TESEPL	Rajasthan	Private	Solar	12.37
Tata Power Saurya 1	Rajasthan	Private	Solar	21.21
TPSL Banderwala	Rajasthan	Private	Solar	46.47

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
TPSL BKN2 INF	Rajasthan	Private	Solar	19.01
Thar Surya1 Private Limited	Rajasthan	Private	Solar	65.44
Transition Energy	Rajasthan	Private	Solar	21.73
Transition Green Energy	Rajasthan	Private	Solar	25.72
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	124.35
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	29.01
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	19.70
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	18.69
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	32.21
Sub Total(Northern Region)				3683.78
Beempow Energy	Madhya Pradesh	Private	Solar	61.99
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	39.90
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	39.71
AVAADA_AGAR_RUM	Madhya Pradesh	Private	Solar	34.67
Athena_RUM	Madhya Pradesh	Private	Solar	40.84
Masaya BWSPRA_KNDW	Madhya Pradesh	Private	Solar	49.13
Sherisha Raipur	Chhattisgarh	Private	Solar	7.02
Solapur Solar	Maharashtra	Central	Solar	1.48
AREH4L_PSS1	Gujarat	Private	Solar	222.53
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	28.95
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	14.87
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	15.35
Powerica Wind	Gujarat	Private	Solar	15.37
NTPC Kawas	Gujarat	Central	Solar	8.63
Gandhar_Solar	Gujarat	Private	Solar	3.15
GSECL RSP	Gujarat	Private	Solar	5.37
RPL_SECI-III	Gujarat	Private	Solar	69.16
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar	88.70
AGE24AL	Gujarat	Private	Solar	17.22
Alfanar	Gujarat	Private	Wind	89.47
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	166.11
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	96.19
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	85.17
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	70.76

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	80.81
GSECL_PH2	Gujarat	Private	Wind	9.58
Ostro Kutch Wind Private Limited (OKWPL)	Gujarat	Private	Wind	84.52
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	87.62
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	50.96
Apraava Khkrda Jam	Gujarat	Private	Wind	67.70
Netra Kotda	Gujarat	Private	Wind	49.04
Torrent Sidpur Jam	Gujarat	Private	Wind	32.75
SITAC	Gujarat	Private	Wind	104.81
SRIJAN	Gujarat	Private	Wind	41.89
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind	93.54
SGEL RSP	Gujarat	Private	Wind	10.70
<u>Sub Total(Western Region)</u>				1985.66
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	45.22
GRTJIPL	Tamil Nadu	Private	Solar	25.19
Mytra	Tamil Nadu	Private	Wind	39.27
Orange	Tamil Nadu	Private	Wind	37.19
Green Infra	Tamil Nadu	Private	Wind	48.34
Hiriyur Ostro	Tamil Nadu	Private	Wind	63.79
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	3.72
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	44.72
JSW Savlaperi	Tamil Nadu	Private	Wind	17.85
JSW Savlaperi infirm	Tamil Nadu	Private	Wind	5.61
Ettayapuram	Tamil Nadu	Central	Solar	39.54
ARPSPL KOPPAL	Karnataka	Private	Wind	53.50
RSOPL KOPPAL	Karnataka	Private	Wind	43.54
RSRPL KOPPAL	Karnataka	Private	Wind	51.22
Serentica_koppal	Karnataka	Private	Wind	2.60
Ramagundam Floating Solar	Telangana	Central	Solar	20.25
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	4.69
<u>Southern Region</u>				546.24
<u>All India Total</u>				6215.68

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) June 2024	RE Generation (MU) June 2023	RE Generation (MU) April 2024- June 2024	RE Generation (MU) April 2023- June 2023
NTPC							
Faridabad_Solar	Haryana	5	Solar	0.41	0.55	1.68	1.82
Bhadla	Rajasthan	260	Solar	37.86	35.62	113.09	112.28
Jetsar	Rajasthan	160	Solar	36.20	32.99	102.83	102.17
Fatehgarh	Rajasthan	296	Solar	65.43	57.91	201.06	195.54
Devikot	Rajasthan	240	Solar	47.02	47.65	146.17	149.84
Nokhra	Rajasthan	300	Solar	61.38	58.48	186.62	181.41
Anta Solar	Rajasthan	90	Solar	25.89	0.00	40.08	0.00
Dadri_Solar	Uttar Pradesh	5	Solar	0.59	0.56	1.75	1.78
Unchahar_Solar	Uttar Pradesh	10	Solar	1.27	1.26	3.89	4.02
Singrauli_Solar	Uttar Pradesh	15	Solar	0.88	1.58	5.68	5.54
Auraiya	Uttar Pradesh	40	Solar	6.04	6.52	20.59	20.45
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	3.71	3.33	9.44	10.72
Ayodhya	Uttar Pradesh	14	Solar	2.92	0.00	8.06	0.00
Chattargarh	Rajasthan	150	Solar	31.13	0.00	91.73	0.00
Rojmal	Gujarat	50	Wind	8.59	12.63	28.54	31.55
Dayapar	Gujarat	50	Wind	11.51	0.00	33.60	0.00
Rajgarh_Solar	Madhya Pradesh	50	Solar	5.58	5.74	19.24	19.16
Mandsaur	Madhya Pradesh	250	Solar	29.11	29.17	98.70	100.31
Solapur	Maharashtra	10	Solar	1.44	1.63	5.21	5.02
Anantapuram	Andhra Pradesh	250	Solar	29.36	23.88	100.08	96.28
Ramagundam	Telangana	110	Solar	17.28	18.85	57.27	58.94
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.38	0.76	1.41	1.50
Talchar_Solar	Orissa	10	Solar	1.16	1.18	3.31	3.45
Solar_Bilhaur	Uttar Pradesh	225	Solar	42.77	39.35	139.61	129.31
Simhadri Floating Project	Andhra Pradesh	25	Solar	3.41	4.38	12.75	13.83

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) June 2024	RE Generation (MU) June 2023	RE Generation (MU) April 2024- June 2024	RE Generation (MU) April 2023- June 2023
Kayamkulam	Kerala	92	Solar	13.74	14.95	47.52	53.36
Kawas	Gujarat	56	Solar	8.95	8.12	30.35	28.91
Gandhar	Gujarat	20	Solar	3.06	2.98	11.22	8.21
Shambu ki Burj-I	Rajasthan	250	Solar	57.62		170.66	163.67
Shambu ki Burj-II	Rajasthan	150	Solar	35.94	34.32	108.97	103.49
Ettayapuram	Tamil Nadu	230	Solar	41.97	39.97	126.69	120.74
Total NTPC		3426		632.57	484.36	1927.80	1723.30
THDC							
Patan Wind Power Project	Gujarat	50.00	Wind	9.07	9.88	0.00	26.34
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	13.49	12.37	36.71	34.16
Solar Kasaragod	Kerala	50.00	Solar	5.44	6.62	21.84	25.55
Rishikesh office Premises	Uttarakhand	0.50	Solar	0.05	0.05	0.16	0.16
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	0.00	0.00	5.61	9.07
Total THDC		187.50		28.05	28.92	64.32	95.28
NHPC							
Wind Power Project	Rajasthan	50.00	Wind	4.33	9.07	12.99	23.06
Solar Power Project	Tamilnadu	50.00	Solar	7.84	8.16	23.52	25.19
Total NHPC		100.00		12.17	17.23	36.51	48.25
ONGC							
Bhuj	Gujarat	51.00	Wind	8.93	10.85	22.86	15.87
Jaisalmer	Rajasthan	102.00	Wind	16.71	17.59	35.28	44.79
Assam	Assam	1.66	Roof Top	0.11	0.00	0.38	0.15
Assam	Assam	1.09	Ground Mounted	0.10	0.03	0.34	0.16
Tripura	Tripura	0.25	Roof Top	0.02	0.00	0.06	0.02
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Ground Mounted	0.08	0.00	0.30	0.73
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Ground Mounted	0.80	0.56	2.17	2.15
Cauvery	Tamil Nadu	0.46	Ground Mounted	0.04	0.00	0.16	0.01
Vagara, Ankleshwar	Gujarat	5.00	Ground Mounted	0.68	0.71	2.28	1.53

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) June 2024	RE Generation (MU) June 2023	RE Generation (MU) April 2024- June 2024	RE Generation (MU) April 2023- June 2023
Gujarat	Gujarat	4.23	Roof Top	0.28	0.00	1.06	0.48
Jodhpur	Rajasthan	0.16	Ground Mounted	0.02	0.00	0.06	0.03
Jaisalmer	Rajasthan	0.16	Ground Mounted	0.02	0.00	0.05	0.00
Uttarakhand	Uttarakhand	1.24	Roof Top	0.06	0.00	0.24	0.15
Goa	Goa	1.00	Ground Mounted	0.04	0.03	0.19	0.18
Hazira	Gujarat	10.00	Ground Mounted	1.18	0.00	4.24	1.54
Hazira	Gujarat	5.00	Ground Mounted	0.60	0.00	2.45	0.72
Mumbai (Uran & NBP Green Heights)	Maharashtra	0.29	Roof Top	0.03	0.00	0.37	0.11
DDU, Bhawan, Delhi	Delhi	0.30	Roof Top	0.03	0.00	0.11	0.00
ONGC Colony Noida	Uttar Pradesh	0.06	Roof Top	0.01	0.00	0.02	0.01
EOA Logistics Park, Kakinada	Andhra Pradesh	1.00	Roof Top	0.08	0.00	0.28	0.00
Cambay	Gujarat	2.00	Ground Mounted SPP	0.32	0.00	0.99	0.00
Total ONGC		192.89		30.14	29.77	73.89	68.61
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	5.85	9.71	14.45	16.87
Sadla Wind Power	Gujarat	50.00	Wind	9.90	15.04	29.39	36.22
Charanka Solar Power	Gujarat	5.60	Solar	0.73	0.64	2.44	2.34
Wadhal Solar Power Project	Himachal Pradesh	1.00	Solar	0.13	0.12	0.40	0.37
Gurhah	Uttar Pradesh	75.00	Solar	13.03	0.00	44.21	0.00
Gujari		50.00	Solar	8.69	0.00	27.86	0.00
Parasan Solar Power	Uttar Pradesh	75.00	Solar	13.29	13.31	44.81	45.23
Total SJVN		304.20		51.62	38.81	163.55	101.02
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.15	2.10	6.38	6.54

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) June 2024	RE Generation (MU) June 2023	RE Generation (MU) April 2024- June 2024	RE Generation (MU) April 2023- June 2023
Oil India Ltd	Rajasthan	67.60	Wind	9.41	7.36	22.10	18.98
Oil India Ltd	Gujarat	43.30	Wind	9.54	10.72	26.19	29.02
Oil India Ltd	Madhya Pradesh	63.20	Wind	10.78	14.02	33.69	32.64
Total Oil India Ltd		188.10		31.88	34.20	88.35	87.18
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.40	0.40	1.44	0.94
NEEPCO	Assam	25.00	Small Hydro	17.75	16.89	48.17	16.89
NEEPCO Total		30.00		18.15	17.29	49.61	17.83
DVC							
DVC	West Bengal	10.10	Solar	1.56	0.01	4.98	0.02
DVC	Jharkhand	4.00	Small Hydro	0.00	0.00	0.00	0.00
Total DVC		14.10		1.56	0.01	4.98	0.02
All India Total		4442.79		806.14	650.59	2409.01	2141.50

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 June 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Northern Region					
Unchahar Solar	Solar	1.4	1.2	-0.17	-12.14
Dadri Solar	Solar	0.6	0.6	-0.04	-6.45
Singrauli Solar	Solar	2.0	1.7	-0.27	-13.85
Auraiya	Solar	6.3	6.2	-0.06	-0.95
Kolayat	Solar	90.7	93.8	3.16	3.49
Nokhra	Solar	61.4	61.0	-0.48	-0.78
Devikot	Solar	48.4	46.5	-1.94	-4.01
ABC Renewable Energy	Solar	67.24	68.15	0.91	1.35
Acme Chittorgarh Energy Pvt Ltd.	Solar	56.54	55.41	-1.13	-2.00
Acme Heergharh Powertech Pvt Ltd	Solar	65.68	68.37	2.69	4.09
Adani Hybrid Energy Jaisalmer Four Limited	Solar	294.94	292.97	-1.97	-0.67
Adani Hybrid Energy Jaisalmer One Limited	Solar	111.63	110.04	-1.59	-1.42
Adani Hybrid Energy Jaisalmer Three Limited	Solar	99.01	99.97	0.95	0.96
Adani Hybrid Energy Jaisalmer Two Limited	Solar	98.15	100.94	2.79	2.85
ADANI SEJ2PL M	Solar	34.52	32.36	-2.16	-6.25
ADANI SEJ2PL P	Solar	31.44	32.77	1.33	4.22
ALTRA XERGI	Solar	82.78	84.73	1.95	2.35
AMP Energy Green Five	Solar	26.82	25.67	-1.15	-4.31
AMP Energy Green Six	Solar	28.39	28.11	-0.28	-0.97
AMPLUS_AGES	Solar	25.87	25.33	-0.54	-2.08
ASERJ2PL	Solar	47.03	45.01	-2.02	-4.29
ASERJ2PL_INFRM	Solar	4.26	4.07	-0.19	-4.46
ASERJ2PL_BHDL	Solar	34.65	33.13	-1.52	-4.39
Adani Renewable Energy RJ Limited (RERJL)	Solar	41.00	43.26	2.26	5.52
Adani Jaisalmer One SEPL Solar	Solar	122.45	123.35	0.90	0.73
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Solar	11.12	11.32	0.20	1.80

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of June 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	39.22	40.94	1.72	4.39
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Solar	62.28	60.30	-1.98	-3.18
Adept_ Renewable	Solar	31.31	29.88	-1.43	-4.57
Avaada Sunrays Energy Private Limited	Solar	69.69	71.87	2.18	3.13
Avaada RJHN Private Limited	Solar	50.29	49.38	-0.91	-1.81
Avaada Sunce Energy Private Limited	Solar	73.50	71.91	-1.59	-2.16
Avaada Sustainable RJ Project Private Ltd.	Solar	63.79	63.16	-0.63	-0.99
Ayana Renewable Three	Solar	35.47	32.00	-3.47	-9.78
Ayana Renewable Three Infirm	Solar	12.77	11.08	-1.69	-13.23
Ayana Renewable Power One Private Limited	Solar	64.71	65.60	0.89	1.38
Azure Power Forty One Private Limited	Solar	65.29	63.60	-1.69	-2.59
Azure Power Forty Three Private Ltd	Solar	125.93	127.22	1.29	1.02
Azure Power India Pvt Ltd	Solar	36.72	37.29	0.57	1.55
Azure Power Maple Pvt Ltd	Solar	40.70	38.90	-1.80	-4.42
Azure Power Thirty Four Private Ltd	Solar	16.02	15.91	-0.11	-0.69
Clean Solar Power (Jodhpur) Pvt Ltd	Solar	52.37	52.63	0.26	0.50
Clean Solar Power (Bhadla) Pvt Ltd	Solar	66.13	69.25	3.12	4.72
Eden Renewable Cite Private Limited	Solar	66.03	66.71	0.68	1.03
GRIAN ENERGY	Solar	26.03	24.67	-1.36	-5.22
M/S Adani Solar Energy Jodhpur Two Ltd	Solar	12.08	11.51	-0.57	-4.72
MEGA SOILS RENEWABLE PRIVATE LIMITED	Solar	53.84	54.26	0.42	0.78
Mega Surya Urja Pvt. Ltd	Solar	51.67	53.58	1.91	3.70
M/S. ONEVOLT Energy Private Limited	Solar	25.73	24.24	-1.49	-5.79
Nindan Solar Fatehgar	Solar	65.75	64.82	-0.93	-1.41
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Solar	65.10	64.09	-1.01	-1.55
Renew Solar Power Pvt Ltd	Solar	11.35	11.55	0.20	1.76
Renew Solar Power Pvt Ltd. Bikaner	Solar	51.20	51.85	0.65	1.27
Renew Solar Urja Pvt Ltd	Solar	63.87	63.63	-0.24	-0.38
Renew Sun Bright Pvt Ltd	Solar	66.08	63.47	-2.61	-3.95

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of June 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Renew Sun Waves Private Limited	Solar	64.74	63.40	-1.34	-2.07
Renew Surya Pratap	Solar	47.19	43.70	-3.49	-7.40
Renew Surya Ravi Pvt Ltd	Solar	63.09	63.01	-0.08	-0.13
Renew Surya Roshini infirm	Solar	13.50	13.67	0.17	1.26
Rising Sun Energy	Solar	42.51	42.41	-0.10	-0.24
SERENTICA Renewables	Solar	41.59	39.43	-2.16	-5.19
Renew Surya Roshni	Solar	65.01	64.62	-0.39	-0.60
Renew Surya Vihaan	Solar	20.96	20.91	-0.05	-0.24
Renew Surya Ayaan	Solar	62.23	61.48	-0.75	-1.21
Tata Power Green Energy Limited	Solar	45.34	45.15	-0.19	-0.42
Tata Power Renewable Energy Ltd	Solar	63.52	62.82	-0.70	-1.10
TESEPL	Solar	13.03	12.37	-0.66	-5.07
Tata Power Saurya 1	Solar	21.62	21.21	-0.41	-1.90
TPSL Banderwala	Solar	45.52	46.47	0.95	2.09
TPSL BKN2 INF	Solar	21.60	19.01	-2.59	-11.99
Thar Surya1 Private Limited	Solar	62.49	65.44	2.95	4.72
Transition Energy	Solar	22.56	21.73	-0.83	-3.68
Transition Green Energy	Solar	25.63	25.72	0.09	0.35
Western Region					
Beempow Energy	Solar	63.66	61.99	-1.67	-2.62
Arinsun Solar (Barsaitadesh)	Solar	39.00	39.90	0.90	2.31
Mahindra Solar (Badwar)	Solar	39.89	39.71	-0.18	-0.45
AVAADA_AGAR_RUM	Solar	36.96	34.67	-2.29	-6.20
Athena_RUM	Solar	41.79	40.84	-0.95	-2.27
Masaya BWSPRA_KNDW	Solar	49.89	49.13	-0.76	-1.52
Sherisha Raipur	Solar	7.32	7.02	-0.30	-4.10
Solapur Solar	Solar	1.54	1.48	-0.06	-3.90
AREH4L_PSS1	Solar	221.37	222.53	1.16	0.52
Electro Solaire Private Limited (ESPL RSP Solar)	Solar	28.62	28.95	0.33	1.15

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of June 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Solar	15.38	14.87	-0.51	-3.32
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Solar	15.60	15.35	-0.25	-1.60
Powerica Wind	Solar	16.06	15.37	-0.69	-4.30
NTPC Kawas	Solar	8.92	8.63	-0.29	-3.25
Gandhar_Solar	Solar	3.64	3.15	-0.49	-13.46
GSECL RSP	Solar	4.64	5.37	0.73	15.73
RPL_SECI-III	Solar	75.68	69.16	-6.52	-8.62
AGE25BL_PSS2_KPS1_SI	Solar	87.45	88.70	1.25	1.43
AGE24AL	Solar	20.47	17.22	-3.25	-15.88
Alfanar	Wind	95.80	89.47	-6.33	-6.61
AWEK1L WIND (RATADIYA)	Wind	179.49	166.11	-13.38	-7.45
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Wind	106.09	96.19	-9.90	-9.33
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Wind	92.30	85.17	-7.13	-7.72
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Wind	78.63	70.76	-7.87	-10.01
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Wind	89.58	80.81	-8.77	-9.79
GSECL_PH2	Wind	8.82	9.58	0.76	8.62
Ostro Kutch Wind Private Limited (OKWPL)	Wind	92.90	84.52	-8.38	-9.02
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Wind	94.52	87.62	-6.90	-7.30
Avikiran Solar India Private Limited (ASIPL), Baranda	Wind	53.72	50.96	-2.76	-5.14
Apraava Khkrda Jam	Wind	70.00	67.70	-2.30	-3.29
Netra Kotda	Wind	53.16	49.04	-4.12	-7.75
Torrent Sidpur Jam	Wind	35.11	32.75	-2.36	-6.72
SITAC	Wind	109.81	104.81	-5.00	-4.55
SRIJAN	Wind	44.42	41.89	-2.53	-5.70
NVWEPL_DAYAPAR_BHJ_W	Wind	100.62	93.54	-7.08	-7.04
SGEL RSP	Wind	10.80	10.70	-0.10	-0.93
Southern Region					

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of June 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Beetam(Tuticorin)	Wind	53.40	45.22	-8.18	-15.32
GRTJIPL	Solar	25.61	25.19	-0.42	-1.64
Mytra	Wind	50.91	39.27	-11.64	-22.86
Orange	Wind	42.85	37.19	-5.66	-13.21
Green Infra	Wind	57.86	48.34	-9.52	-16.45
Hiriyur Ostro	Wind	74.99	63.79	-11.20	-14.94
Sprng Renewable Energy Pvt Ltd(Pugalur)	Wind	5.50	3.72	-1.78	-32.36
JSW Renew Energy Two Limited (Tuticorin)	Wind	55.62	44.72	-10.90	-19.60
JSW Savlaperi	Wind	21.75	17.85	-3.90	-17.93
JSW Savlaperi infirm	Wind	5.50	5.61	0.11	2.00
Ettayapuram	Solar	42.48	39.54	-2.94	-6.92
ARPSPL KOPPAL	Wind	64.98	53.50	-11.48	-17.67
RSOPL KOPPAL	Wind	47.37	43.54	-3.83	-8.09
RSRPL KOPPAL	Wind	59.98	51.22	-8.76	-14.60
Serentica_koppal	Wind	2.36	2.60	0.24	10.17
Ramagundam Floating Solar	Solar	20.01	20.25	0.24	1.20
Simhadri Floating Solar	Solar	4.48	4.69	0.21	4.69

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 June 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of June 2024								
State/UT	Fossil =((1)+(2))		Non Fossil =((3)+(4)+(5))			Total Non-Fossil (6)=((3)+((4)+(5)))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	0.85	0.85	0.85	100.00
Delhi	0.00	759.20	0.00	0.00	60.64	60.64	819.84	7.40
Haryana	2852.87	110.63	0.00	0.00	175.86	175.86	3139.36	5.60
HP	0.00	0.00	0.00	5687.10	295.69	5982.79	5982.79	100.00
J & K	0.00	0.00	0.00	2180.62	48.96	2229.58	2229.58	100.00
Ladakh	0.00	0.00	0.00	58.72	0.00	58.72	58.72	100.00
Punjab	3231.25	0.00	0.00	484.14	260.95	745.09	3976.34	18.74
Rajasthan	5763.86	141.23	595.86	3.76	5239.18	5838.80	11743.89	49.72
Uttar Pradesh	14668.41	280.47	293.49	44.84	452.08	790.41	15739.29	5.02
Uttarakhand	0.00	214.96	0.00	1235.07	77.81	1312.88	1527.84	85.93
Northern Region Total	26516.39	1506.49	889.35	9694.25	6612.02	17195.62	45218.50	38.03
WESTERN REGION								
Chhattisgarh	14390.29	0.00	0.00	4.09	234.24	238.33	14628.62	1.63
Gujarat	8292.57	1697.14	1023.52	436.11	4260.08	5719.71	15709.42	36.41
Madhya Pradesh	12969.37	0.00	0.00	413.97	1027.27	1441.24	14410.61	10.00
Maharashtra	10954.35	536.13	777.06	347.83	1515.13	2640.02	14130.50	18.68
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.29	2.29	2.29	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	46606.58	2233.27	1800.58	1202.00	7044.44	10047.02	58886.87	17.06
SOUTHERN REGION								
Andhra Pradesh	6145.89	0.00	0.00	87.54	1727.54	1815.08	7960.97	22.80

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of June 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	4818.15	0.00	0.00	0.00	615.19	615.19	5433.34	11.32
Karnataka	3804.75	0.00	629.27	569.11	2852.59	4050.97	7855.72	51.57
Kerala	0.00	0.00	0.00	670.83	250.24	921.07	921.07	100.00
Tamil Nadu	6045.18	149.32	898.41	171.81	3585.87	4656.09	10850.59	42.91
Lakshadweep	5.29	0.00	0.00	0.00	0.01	0.01	5.30	0.14
Puducherry	0.00	17.68	0.00	0.00	1.02	1.02	18.70	5.45
Southern Region Total	20819.26	167.00	1527.68	1499.29	9032.45	12059.42	33045.68	36.49
EASTERN REGION								
Andaman Nicobar	28.79	0.00	0.00	0.00	2.79	2.79	31.58	8.84
Bihar	5363.64	0.00	0.00	0.00	31.64	31.64	5395.28	0.59
Jharkhand	3354.56	0.00	0.00	7.26	1.47	8.73	3363.29	0.26
Odisha	5113.67	0.00	0.00	373.43	96.84	470.27	5583.94	8.42
Sikkim	0.00	0.00	0.00	229.66	1.03	230.69	230.69	100.00
West Bengal	8046.59	0.00	0.00	243.19	161.03	404.22	8450.81	4.78
Eastern Region Total	21907.25	0.00	0.00	853.54	294.80	1148.34	23055.59	4.98
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	523.54	0.11	523.65	523.65	100.00
Assam	403.26	289.89	0.00	139.27	44.17	183.44	876.59	20.93
Manipur	0.00	0.00	0.00	75.66	0.71	76.37	76.37	100.00
Meghalaya	0.00	0.00	0.00	149.62	8.95	158.57	158.57	100.00
Mizoram	0.00	0.00	0.00	18.84	8.35	27.19	27.19	100.00
Nagaland	0.00	0.00	0.00	17.68	5.86	23.54	23.54	100.00
Tripura	0.00	415.67	0.00	0.00	0.41	0.41	416.08	0.10
North Eastern Region Total	403.26	705.56	0.00	924.61	68.56	993.17	2101.99	47.25
All India Total	116252.74	4612.32	4217.61	14173.69	23052.27	41443.57	162308.63	25.53

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

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – June 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	2.94	2.94	2.94	100.00
Delhi	0.00	1803.50	0.00	0.00	198.66	198.66	2002.16	9.92
Haryana	8191.71	215.37	0.00	0.00	527.58	527.58	8934.66	5.90
HP	0.00	0.00	0.00	12456.83	844.22	13301.05	13301.05	100.00
J & K	0.00	0.00	0.00	5654.38	155.86	5810.24	5810.24	100.00
Ladakh	0.00	0.00	0.00	114.84	0.00	114.84	114.84	100.00
Punjab	9480.15	0.00	0.00	1133.46	865.45	1998.91	11479.06	17.41
Rajasthan	17002.45	372.82	1709.87	24.18	15077.39	16811.44	34186.71	49.18
Uttar Pradesh	43703.57	809.26	914.87	102.86	1677.17	2694.90	47207.73	5.71
Uttarakhand	0.00	708.46	0.00	3215.05	233.43	3448.48	4156.94	82.96
Northern Region Total	78377.88	3909.41	2624.74	22701.60	19582.70	44909.04	127196.33	35.31
WESTERN REGION								
Chhattisgarh	44245.42	0.00	0.00	53.66	747.00	800.66	45046.08	1.78
Gujarat	24798.00	5126.25	2864.75	880.47	12599.76	16344.98	46269.23	35.33
Madhya Pradesh	39664.38	0.00	0.00	1398.22	3208.09	4606.31	44270.69	10.40
Maharashtra	35717.96	1745.57	2359.44	1653.83	4510.12	8523.39	45986.92	18.53
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	7.71	7.71	7.71	100.00
Goa	0.00	0.00	0.00	0.00	16.31	16.31	16.31	100.00
Western Region Total	144425.76	6871.82	5224.19	3986.18	21089.00	30299.37	181596.95	16.68
SOUTHERN REGION								
Andhra Pradesh	19858.11	30.97	0.00	341.17	4359.17	4700.34	24589.42	19.12
Telangana	15447.38	0.00	0.00	9.00	2026.16	2035.16	17482.54	11.64
Karnataka	12222.21	0.00	1938.10	1694.28	7476.88	11109.26	23331.47	47.61
Kerala	1.53	0.00	0.00	1723.91	653.83	2377.74	2379.27	99.94

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – June 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	20251.99	456.31	3321.24	446.03	7933.16	11700.43	32408.73	36.10
Lakshadweep	18.14	0.00	0.00	0.00	0.02	0.02	18.16	0.13
Puducherry	0.00	52.53	0.00	0.00	3.06	3.06	55.59	5.50
Southern Region Total	67799.36	539.81	5259.34	4214.39	22452.28	31926.01	100265.18	31.84
EASTERN REGION								
Andaman Nicobar	97.57	0.00	0.00	0.00	8.90	8.90	106.47	8.36
Bihar	16174.04	0.00	0.00	0.00	79.66	79.66	16253.70	0.49
Jharkhand	10462.92	0.00	0.00	29.29	4.41	33.70	10496.62	0.32
Odisha	16474.74	0.00	0.00	1180.85	309.21	1490.06	17964.80	8.29
Sikkim	0.00	0.00	0.00	390.44	3.09	393.53	393.53	100.00
West Bengal	23833.83	0.00	0.00	583.83	465.17	1049.00	24882.83	4.22
Eastern Region Total	67043.10	0.00	0.00	2184.41	870.44	3054.85	70097.95	4.36
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	1089.81	0.39	1090.21	1090.21	100.00
Assam	1274.46	891.62	0.00	260.11	134.29	394.40	2560.48	15.40
Manipur	0.00	0.00	0.00	118.97	2.14	121.11	121.11	100.00
Meghalaya	0.00	0.00	0.00	265.02	21.72	286.74	286.74	100.00
Mizoram	0.00	0.00	0.00	30.09	25.04	55.13	55.13	100.00
Nagaland	0.00	0.00	0.00	27.67	9.71	37.38	37.38	100.00
Tripura	0.00	1283.85	0.00	0.00	1.48	1.48	1285.33	0.12
North Eastern Region Total	1274.46	2175.47	0.00	1791.67	194.77	1986.44	5436.37	36.54
All India Total	358920.56	13496.51	13108.27	34878.25	64189.19	112175.71	484592.78	23.15

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

Renewable Energy (State Wise) Generation(MU) for the Month of June 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	0.85	0.85	0.85	100.00
Delhi	0.00	759.20	0.00	0.00	60.64	60.64	819.84	7.40
Haryana	2852.87	110.63	0.00	0.00	175.86	175.86	3139.36	5.60
HP	0.00	0.00	0.00	5687.10	295.69	5982.79	5982.79	100.00
J & K	0.00	0.00	0.00	2180.62	48.96	2229.58	2229.58	100.00
Ladakh	0.00	0.00	0.00	58.72	0.00	58.72	58.72	100.00
Punjab	3231.25	0.00	0.00	484.14	260.95	745.09	3976.34	18.74
Rajasthan	5763.86	141.23	595.86	3.76	5239.18	5242.94	11743.89	44.64
Uttar Pradesh	14668.41	280.47	293.49	44.84	452.08	496.92	15739.29	3.16
Uttarakhand	0.00	214.96	0.00	1235.07	77.81	1312.88	1527.84	85.93
Northern Region Total	26516.39	1506.49	889.35	9694.25	6612.02	16306.27	45218.50	36.06
WESTERN REGION								
Chhattisgarh	14390.29	0.00	0.00	4.09	234.24	238.33	14628.62	1.63
Gujarat	8292.57	1697.14	1023.52	436.11	4260.08	4696.19	15709.42	29.89
Madhya Pradesh	12969.37	0.00	0.00	413.97	1027.27	1441.24	14410.61	10.00
Maharashtra	10954.35	536.13	777.06	347.83	1515.13	1862.96	14130.50	13.18
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.29	2.29	2.29	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	46606.58	2233.27	1800.58	1202.00	7044.44	8246.44	58886.87	14.00
SOUTHERN REGION								
Andhra Pradesh	6145.89	0.00	0.00	87.54	1727.54	1815.08	7960.97	22.80
Telangana	4818.15	0.00	0.00	0.00	615.19	615.19	5433.34	11.32
Karnataka	3804.75	0.00	629.27	569.11	2852.59	3421.70	7855.72	43.56

Renewable Energy (State Wise) Generation(MU) for the Month of June 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	670.83	250.24	921.07	921.07	100.00
Tamil Nadu	6045.18	149.32	898.41	171.81	3585.87	3757.68	10850.59	34.63
Lakshadweep	5.29	0.00	0.00	0.00	0.01	0.01	5.30	0.14
Puducherry	0.00	17.68	0.00	0.00	1.02	1.02	18.70	5.45
Southern Region Total	20819.26	167.00	1527.68	1499.29	9032.45	10531.74	33045.68	31.87
EASTERN REGION								
Andaman Nicobar	28.79	0.00	0.00	0.00	2.79	2.79	31.58	8.84
Bihar	5363.64	0.00	0.00	0.00	31.64	31.64	5395.28	0.59
Jharkhand	3354.56	0.00	0.00	7.26	1.47	8.73	3363.29	0.26
Odisha	5113.67	0.00	0.00	373.43	96.84	470.27	5583.94	8.42
Sikkim	0.00	0.00	0.00	229.66	1.03	230.69	230.69	100.00
West Bengal	8046.59	0.00	0.00	243.19	161.03	404.22	8450.81	4.78
Eastern Region Total	21907.25	0.00	0.00	853.54	294.80	1148.34	23055.59	4.98
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	523.54	0.11	523.65	523.65	100.00
Assam	403.26	289.89	0.00	139.27	44.17	183.44	876.59	20.93
Manipur	0.00	0.00	0.00	75.66	0.71	76.37	76.37	100.00
Meghalaya	0.00	0.00	0.00	149.62	8.95	158.57	158.57	100.00
Mizoram	0.00	0.00	0.00	18.84	8.35	27.19	27.19	100.00
Nagaland	0.00	0.00	0.00	17.68	5.86	23.54	23.54	100.00
Tripura	0.00	415.67	0.00	0.00	0.41	0.41	416.08	0.10
North Eastern Region Total	403.26	705.56	0.00	924.61	68.56	993.17	2101.99	47.25
All India Total	116252.74	4612.32	4217.61	14173.69	23052.27	37225.96	162308.63	22.94

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

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- June 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	2.94	2.94	2.94	100.00
Delhi	0.00	1803.50	0.00	0.00	198.66	198.66	2002.16	9.92
Haryana	8191.71	215.37	0.00	0.00	527.58	527.58	8934.66	5.90
HP	0.00	0.00	0.00	12456.83	844.22	13301.05	13301.05	100.00
J & K	0.00	0.00	0.00	5654.38	155.86	5810.24	5810.24	100.00
Ladakh	0.00	0.00	0.00	114.84	0.00	114.84	114.84	100.00
Punjab	9480.15	0.00	0.00	1133.46	865.45	1998.91	11479.06	17.41
Rajasthan	17002.45	372.82	1709.87	24.18	15077.39	15101.57	34186.71	44.17
Uttar Pradesh	43703.57	809.26	914.87	102.86	1677.17	1780.03	47207.73	3.77
Uttarakhand	0.00	708.46	0.00	3215.05	233.43	3448.48	4156.94	82.96
Northern Region Total	78377.88	3909.41	2624.74	22701.60	19582.70	42284.30	127196.33	33.24
WESTERN REGION								
Chhattisgarh	44245.42	0.00	0.00	53.66	747.00	800.66	45046.08	1.78
Gujarat	24798.00	5126.25	2864.75	880.47	12599.76	13480.23	46269.23	29.13
Madhya Pradesh	39664.38	0.00	0.00	1398.22	3208.09	4606.31	44270.69	10.40
Maharashtra	35717.96	1745.57	2359.44	1653.83	4510.12	6163.95	45986.92	13.40
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	7.71	7.71	7.71	100.00
Goa	0.00	0.00	0.00	0.00	16.31	16.31	16.31	100.00
Western Region Total	144425.76	6871.82	5224.19	3986.18	21089.00	25075.18	181596.95	13.81
SOUTHERN REGION								
Andhra Pradesh	19858.11	30.97	0.00	341.17	4359.17	4700.34	24589.42	19.12
Telangana	15447.38	0.00	0.00	9.00	2026.16	2035.16	17482.54	11.64
Karnataka	12222.21	0.00	1938.10	1694.28	7476.88	9171.16	23331.47	39.31

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- June 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	1723.91	653.83	2377.74	2379.27	99.94
Tamil Nadu	20251.99	456.31	3321.24	446.03	7933.16	8379.19	32408.73	25.85
Lakshadweep	18.14	0.00	0.00	0.00	0.02	0.02	18.16	0.13
Puducherry	0.00	52.53	0.00	0.00	3.06	3.06	55.59	5.50
Southern Region Total	67799.36	539.81	5259.34	4214.39	22452.28	26666.67	100265.18	26.60
EASTERN REGION								
Andaman Nicobar	97.57	0.00	0.00	0.00	8.90	8.90	106.47	8.36
Bihar	16174.04	0.00	0.00	0.00	79.66	79.66	16253.70	0.49
Jharkhand	10462.92	0.00	0.00	29.29	4.41	33.70	10496.62	0.32
Odisha	16474.74	0.00	0.00	1180.85	309.21	1490.06	17964.80	8.29
Sikkim	0.00	0.00	0.00	390.44	3.09	393.53	393.53	100.00
West Bengal	23833.83	0.00	0.00	583.83	465.17	1049.00	24882.83	4.22
Eastern Region Total	67043.10	0.00	0.00	2184.41	870.44	3054.85	70097.95	4.36
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	1089.81	0.39	1090.21	1090.21	100.00
Assam	1274.46	891.62	0.00	260.11	134.29	394.40	2560.48	15.40
Manipur	0.00	0.00	0.00	118.97	2.14	121.11	121.11	100.00
Meghalaya	0.00	0.00	0.00	265.02	21.72	286.74	286.74	100.00
Mizoram	0.00	0.00	0.00	30.09	25.04	55.13	55.13	100.00
Nagaland	0.00	0.00	0.00	27.67	9.71	37.38	37.38	100.00
Tripura	0.00	1283.85	0.00	0.00	1.48	1.48	1285.33	0.12
North Eastern Region Total	1274.46	2175.47	0.00	1791.67	194.77	1986.44	5436.37	36.54
All India Total	358920.56	13496.51	13108.27	34878.25	64189.19	99067.44	484592.78	20.44

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

RE generation(MUs) data (source wise) for the month of June-2024 and June-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23
NORTHERN REGION														
Chandigarh	0.00	0.00	0.85	1.98	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	43.43	42.01	0.00	0.00
Haryana	0.00	0.00	118.98	60.08	28.83	28.39	8.92	0.00	13.72	22.91	5.41	4.96	0.00	0.00
Himachal Pradesh	0.00	0.00	7.76	5.71	0.00	0.00	0.00	0.00	287.93	291.61	0.00	0.00	5687.10	4924.32
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.96	66.88	0.00	0.00	2180.62	2240.77
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	58.72	49.32
Punjab	0.00	0.00	120.67	326.67	53.87	50.78	8.93	2.79	77.48	72.80	0.00	0.00	484.14	442.84
Rajasthan	968.90	1094.86	4239.95	3324.99	30.28	27.51	0.00	0.00	0.05	0.09	0.00	0.00	3.76	2.73
Uttar Pradesh	0.00	0.00	422.60	357.40	2.57	3.46	19.78	24.05	3.82	4.81	3.31	9.65	44.84	98.10
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	1235.07	1450.47
Northern Region	968.90	1094.86	4955.67	4121.68	115.54	110.13	58.34	47.55	461.42	488.55	52.15	56.62	9694.25	9208.55
WESTERN REGION														
Chhattisgarh	0.00	0.00	122.75	64.26	109.51	112.68	0.00	0.22	1.98	4.89	0.00	0.00	4.09	3.61
Gujarat	2773.46	2571.69	1470.71	907.11	2.13	0.00	0.00	0.00	13.78	15.39	0.00	0.00	436.11	116.02
Madhya Pradesh	492.80	723.57	497.44	303.34	2.33	8.83	9.46	0.00	19.42	26.73	5.82	2.34	413.97	398.84
Maharashtra	920.88	1265.86	516.49	473.19	26.26	27.91	28.62	29.15	15.22	29.27	7.66	0.06	347.83	412.78
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.25	1.16	1.04	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	4.76	6.29	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.70	0.00	0.00

RE generation(MUs) data (source wise) for the month of June-2024 and June-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23
Western Region	4187.14	4561.12	2613.39	1755.35	141.26	150.45	38.08	29.37	50.40	76.28	14.16	3.10	1202.00	931.25
SOUTHERN REGION														
Andhra Pradesh	1078.07	1255.22	621.11	684.04	1.24	2.38	1.67	1.52	0.60	12.69	24.85	24.11	87.54	113.17
Telangana	28.57	39.81	563.67	612.91	1.12	0.62	0.00	0.00	2.06	0.27	19.78	9.09	0.00	57.10
Karnataka	1525.52	1537.17	1173.58	1259.32	0.88	7.47	63.93	51.93	88.68	34.41	0.00	0.00	569.11	590.62
Kerala	15.53	20.22	148.20	85.53	0.00	0.00	6.86	7.82	79.64	43.55	0.00	0.00	670.83	438.20
Tamil Nadu	2331.19	3049.38	1220.11	969.11	8.55	9.80	19.73	31.09	6.29	5.60	0.00	0.00	171.81	279.72
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	4978.88	5901.80	3727.70	3611.94	11.80	20.27	92.19	92.36	177.26	96.52	44.63	33.21	1499.29	1478.81
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.67	1.85	0.00	0.00	0.00	0.00	1.12	0.66	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	31.64	16.37	0.00	0.00	0.00	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	7.26	2.62
Odisha	0.00	0.00	69.29	60.13	4.83	7.23	0.00	0.00	22.72	15.94	0.00	0.00	373.43	423.84
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	229.66	1414.28
West Bengal	0.00	0.00	22.67	13.31	0.00	0.00	0.00	0.00	16.06	17.36	122.30	139.70	243.19	288.82
Eastern Region	0.00	0.00	126.74	93.13	4.83	7.23	0.00	11.89	40.93	34.99	122.30	139.70	853.54	2129.56

RE generation(MUs) data (source wise) for the month of June-2024 and June-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23	June '24	June '23
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.06	0.19	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.00	523.54	462.42
Assam	0.00	0.00	20.62	23.97	0.00	0.00	0.00	0.00	23.51	19.16	0.04	0.07	139.27	30.31
Manipur	0.00	0.00	0.71	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.66	3.27
Megh alaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.95	2.75	0.00	0.00	149.62	80.87
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	18.84	4.13
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86	8.99	0.00	0.00	17.68	5.08
Tripura	0.00	0.00	0.41	0.40	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	22.16	25.47	0.00	0.00	0.00	0.00	46.37	38.95	0.04	0.07	924.61	586.08
All India Total	10134.92	11557.77	11445.66	9607.58	273.43	288.09	188.61	181.16	776.37	735.28	233.29	232.70	14173.69	14334.25

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

RE generation(MUs) data (source wise) for the period of April 2024 –June 2024 and April 2023 –June 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23
NORTHERN REGION														
Chandigarh	0.00	0.00	2.94	4.93	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	51.63	51.63	0.00	0.00	0.00	0.00	0.00	0.00	147.03	117.84	0.00	0.00
Haryana	0.00	0.00	356.94	174.36	86.49	76.93	26.76	51.24	41.16	35.63	16.23	15.22	0.00	0.00
Himachal Pradesh	0.00	0.00	22.38	16.53	0.00	0.00	0.00	0.00	821.84	764.66	0.00	0.00	12456.83	9754.75
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.86	167.86	0.00	0.00	5654.38	5772.08
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	114.84	85.09
Punjab	0.00	0.00	384.38	1017.12	169.56	155.32	125.89	43.40	185.62	165.43	0.00	0.00	1133.46	979.93
Rajasthan	2270.80	2652.63	12707.65	10219.72	98.51	89.48	0.00	0.00	0.43	0.09	0.00	0.00	24.18	8.97
Uttar Pradesh	0.00	0.00	1365.36	1148.80	8.67	12.83	271.57	558.26	21.42	25.57	10.14	36.41	102.86	152.04
Uttarakhand	0.00	0.00	82.95	82.95	0.00	0.00	62.13	62.13	88.35	88.35	0.00	0.00	3215.05	3114.94
Northern Region	2270.80	2652.63	14974.24	12716.05	363.23	334.56	486.35	715.04	1314.67	1247.59	173.40	169.47	22701.60	19867.80
WESTERN REGION														
Chhattisgarh	0.00	0.00	413.11	176.72	325.44	376.74	3.35	4.55	5.11	13.68	0.00	0.00	53.66	37.64
Gujarat	7747.99	7699.92	4798.00	3483.08	4.65	0.00	0.00	0.00	49.13	50.86	0.00	0.00	880.47	382.78
Madhya Pradesh	1529.32	1672.51	1527.72	996.13	15.79	25.73	37.35	9.93	81.03	83.59	16.89	7.65	1398.22	781.53
Maharashtra	2148.71	2309.94	1747.78	1541.81	77.46	81.89	380.57	326.58	131.35	148.68	24.25	0.07	1653.83	1893.79
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	4.73	4.39	2.98	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	14.28	14.10	0.00	0.00	0.00	0.00	0.00	0.00	2.03	1.82	0.00	0.00
Western Region	11426.02	11682.37	8505.61	6216.22	426.31	487.26	421.27	341.07	266.61	296.80	43.18	9.54	3986.18	3095.74

RE generation(MUs) data (source wise) for the period of April 2024 –June 2024 and April 2023 –June 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23
SOUTHERN REGION														
Andhra Pradesh	2114.12	2145.30	2150.95	2252.59	3.64	7.58	4.63	7.90	5.55	39.65	80.28	73.46	341.17	356.05
Telangana	70.81	76.50	1888.52	1909.37	1.74	0.95	0.00	11.43	3.75	5.83	61.34	32.45	9.00	163.70
Karnataka	3095.93	2772.97	3996.34	4066.01	2.30	20.75	249.96	411.31	132.36	135.12	0.00	0.00	1694.28	2595.39
Kerala	30.10	35.55	454.31	289.66	0.00	0.00	20.53	22.04	148.88	122.01	0.01	0.01	1723.91	1681.64
Tamil Nadu	4114.02	4559.27	3674.85	2861.61	29.58	28.77	102.40	175.77	12.31	17.63	0.00	0.00	446.03	757.10
Lakshadweep	0.00	0.00	0.02	0.02	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	3.06	3.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	9424.99	9589.59	12168.04	11382.32	37.26	58.04	377.52	628.45	302.84	320.25	141.63	105.92	4214.39	5553.88
EASTERN REGION														
Andaman Nicobar	0.00	0.00	6.83	7.52	0.00	0.00	0.00	0.00	2.07	0.78	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	78.01	49.11	0.00	0.00	1.65	35.68	0.00	0.00	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	4.41	4.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.29	17.21
Odisha	0.00	0.00	223.80	203.20	20.52	20.88	0.00	0.00	64.90	55.08	0.00	0.00	1180.85	1194.25
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.09	3.09	0.00	0.00	390.44	2875.80
West Bengal	0.00	0.00	70.34	39.75	0.00	0.00	0.00	0.00	36.98	49.14	357.85	408.12	583.83	704.80
Eastern Region	0.00	0.00	383.39	303.99	20.52	20.88	1.65	35.68	107.03	108.09	357.85	408.12	2184.41	4792.06
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.25	0.57	0.00	0.00	0.00	0.00	0.15	0.19	0.00	0.00	1089.81	945.83

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23	Apr'24-Jun'24	Apr'23-Jun'23
Assam	0.00	0.00	76.49	78.99	0.00	0.00	0.00	0.00	57.65	24.46	0.15	0.07	260.11	60.26
Manipur	0.00	0.00	2.14	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	118.97	15.98
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.72	11.41	0.00	0.00	265.02	165.53
Mizoram	0.00	0.00	1.06	0.80	0.00	0.00	0.00	0.00	23.98	23.98	0.00	0.00	30.09	16.60
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.71	16.05	0.00	0.00	27.67	8.22
Tripura	0.00	0.00	1.48	1.48	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	81.42	83.83	0.00	0.00	0.00	0.00	113.20	76.10	0.15	1.30	1791.67	1212.42
All India Total	23121.80	23924.59	36112.70	30702.41	847.32	900.74	1286.79	1720.23	2104.37	2048.82	716.21	694.34	34878.25	34521.90



This report is published by
Renewable Project Monitoring Division
Central Electricity Authority, New Delhi

For any query, please contact at:

011-26732320

ce-rpmcea@cea.nic.in / cerpmcea@gmail.com