



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

September -2024/ सितम्बर -2024

नवीकरणीय परियोजना प्रबोधन प्रभाग

Renewable Project Monitoring Division

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## Highlights of RE GENERATION

1. RE capacity addition during September 2024 has been 1875.26 MW (Solar – 1330.14 MW, Wind – 170.59 MW, Biopower- 369.11 MW Small Hydro- 5.00 MW, Others- 0.42 MW).
2. All India RE generation during September 2024 has increased by 18.60 % as compared to September 2023.
3. Large Hydro Power generation during September 2024 as compared to September 2023 has increased by 26.05 % on All India Basis except Sikkim, Meghalaya.
4. Solar Power generation during September 2024 as compared to September 2023 has increased by 22.58 % on All India Basis.
5. Wind Power generation during September 2024 as compared to September 2023 has increased by 0.22 % on All India Basis except Rajasthan, Gujarat, Madhya Pradesh, Maharashtra.
6. Biomass Power generation during September 2024 as compared to September 2023 has decreased by 1.90 %.
7. Bagasse power generation during September 2024 as compared to September 2023 has decreased by 14.42%.
8. Others (Waste to Energy) Power generation has increased by 8.71 % during September 2024 as compared to September 2023 on All India basis except West Bengal.
9. Small Hydro Power generation during September 2024 as compared to September 2023 has increased by 31.97 % on All India Basis except Odisha.
10. The generation from ISGS stations (Solar and Wind plants) for the month of September 2024 is 5917.25 MUs which is 13.77 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of September 2024 is 749.20 MUs which is 1.74 % of the Monthly RE generation during the month.

## All India RE Capacity Addition

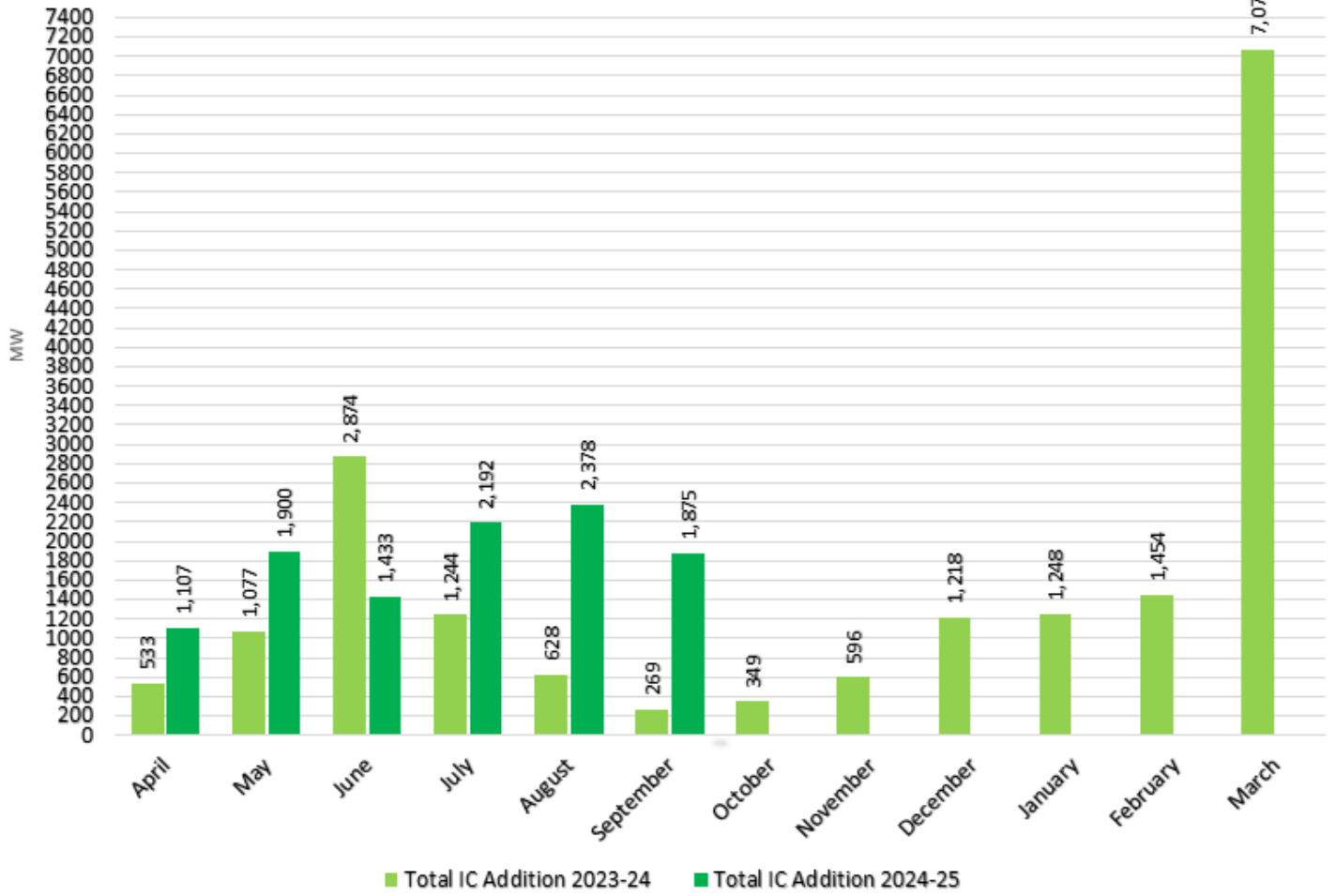
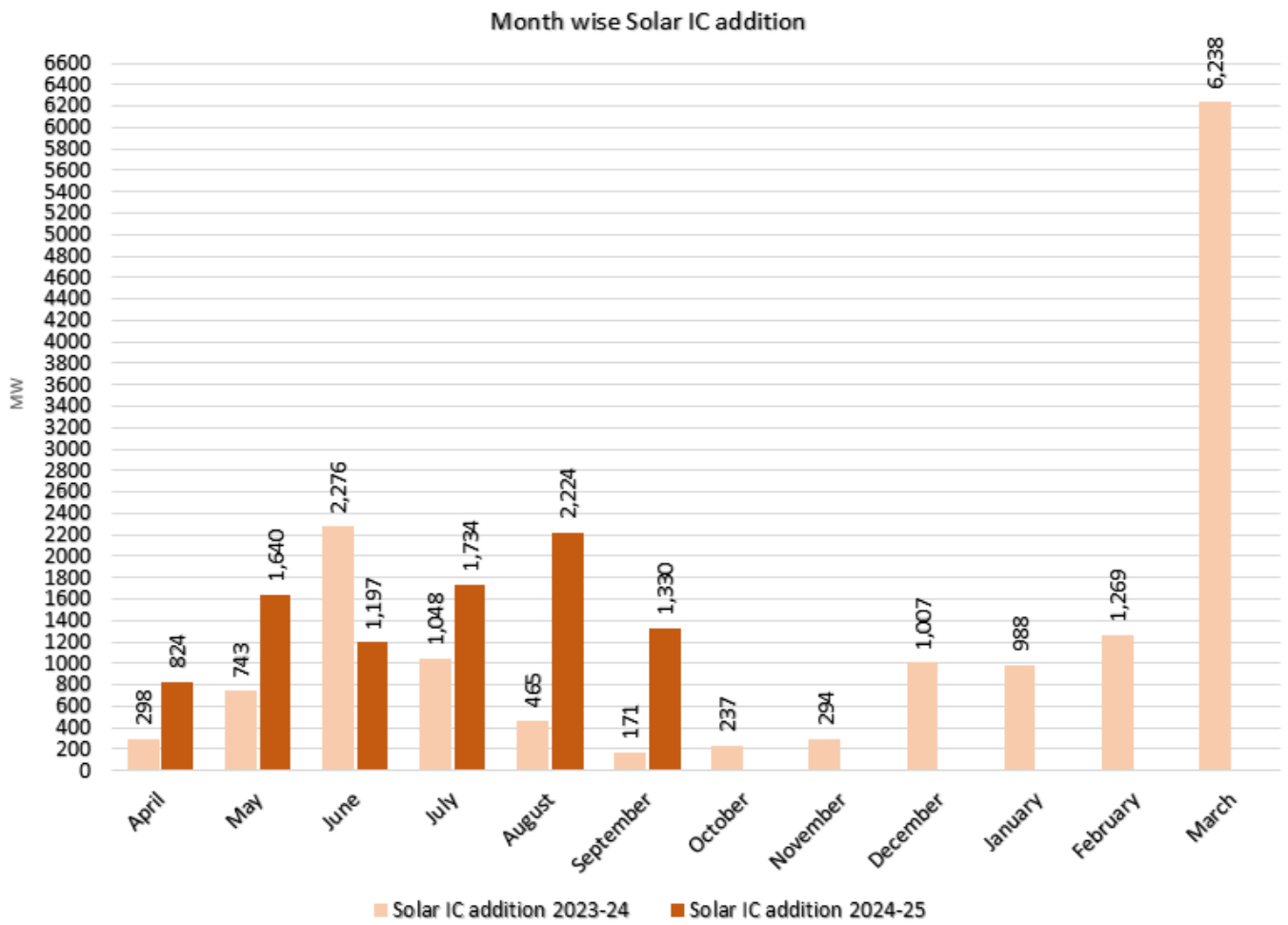
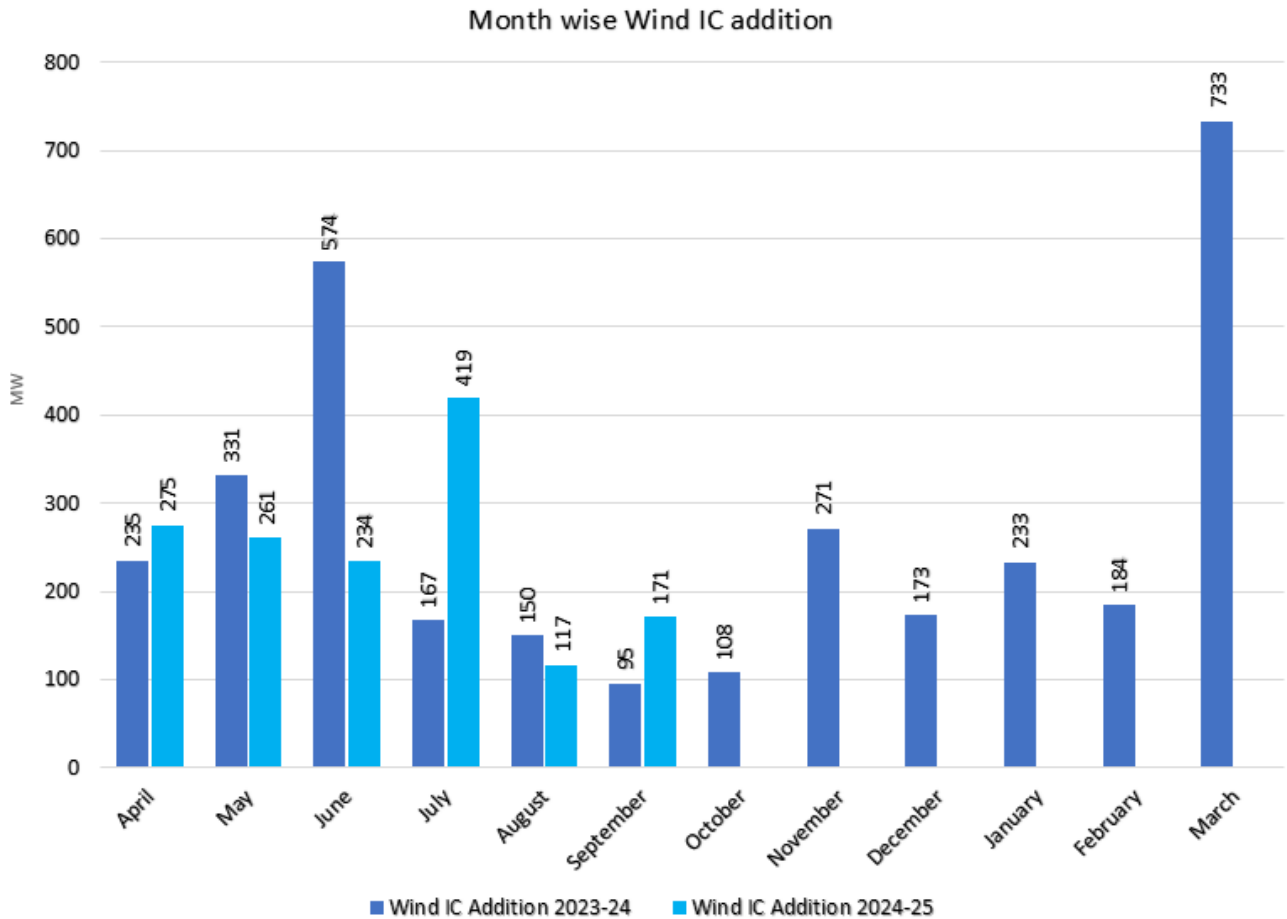


Figure 1: All India Month wise RE Capacity Addition



**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 September'24

Increased by 597.72 % as compared to September 23.

Decreased by 21.14 % as compared to August 24.

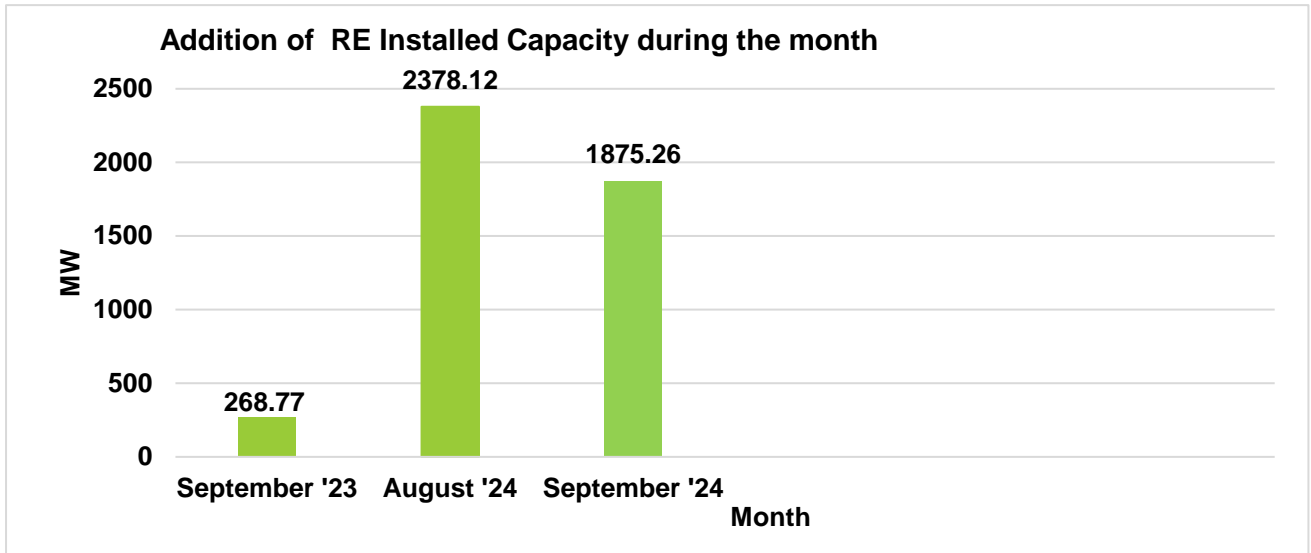


Figure 4: RE capacity added during the Month

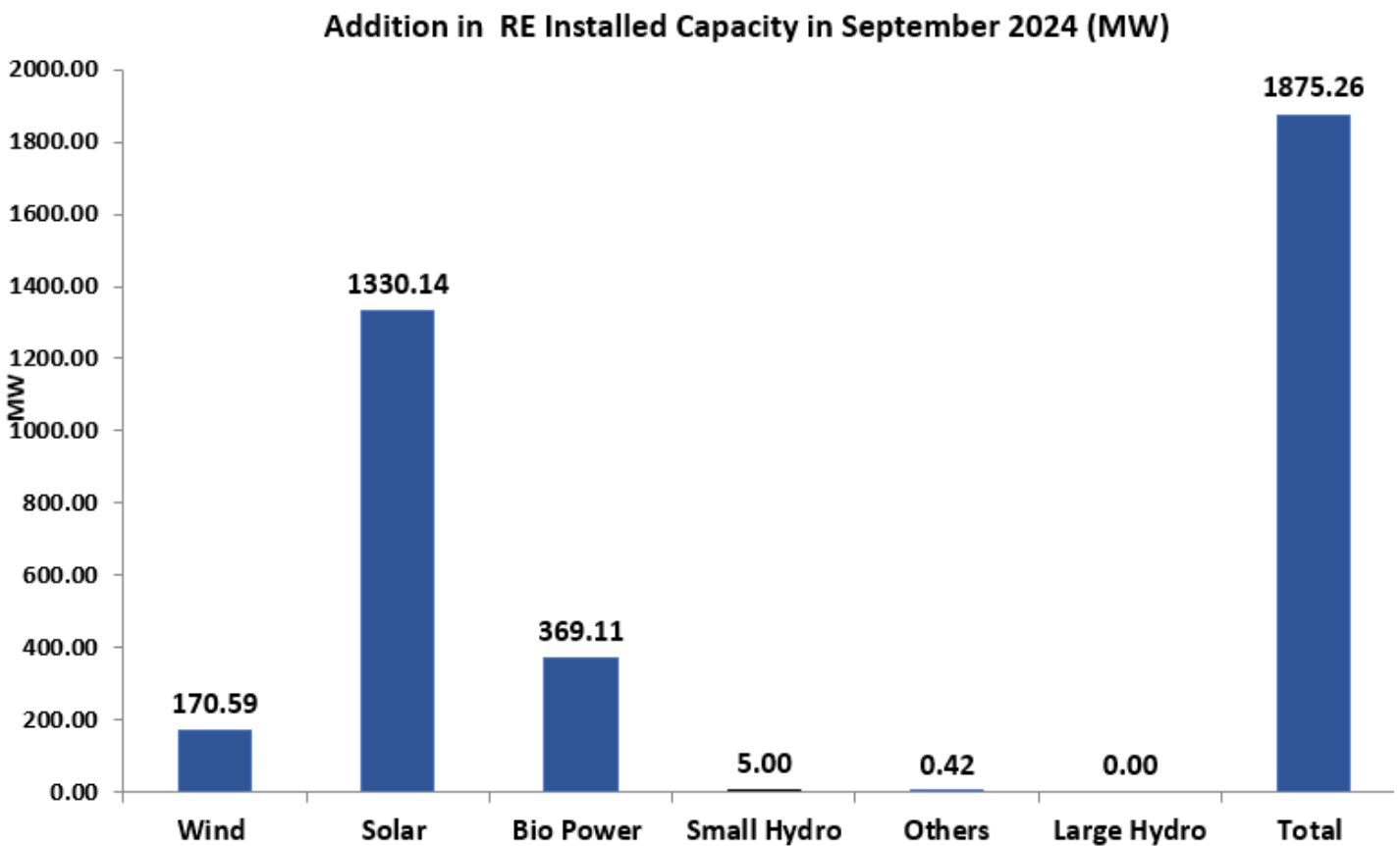
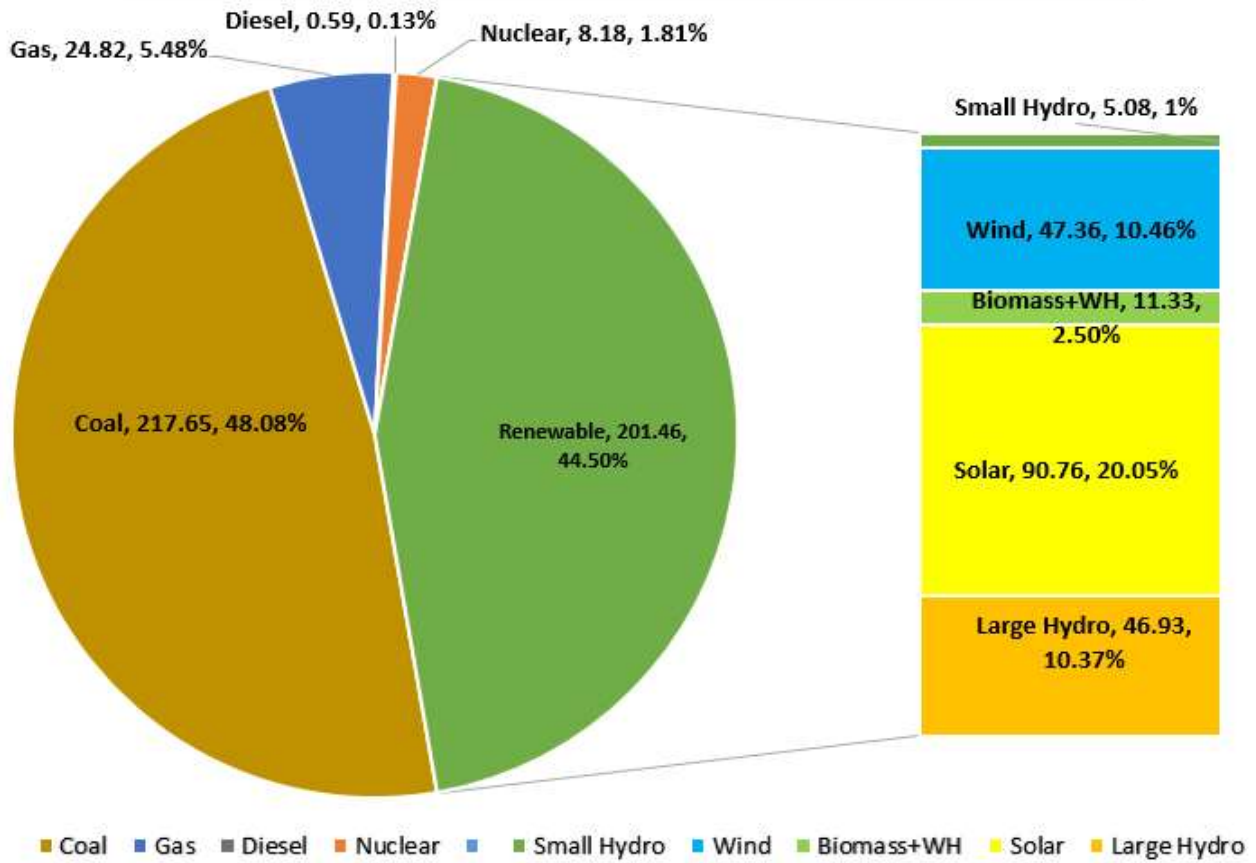


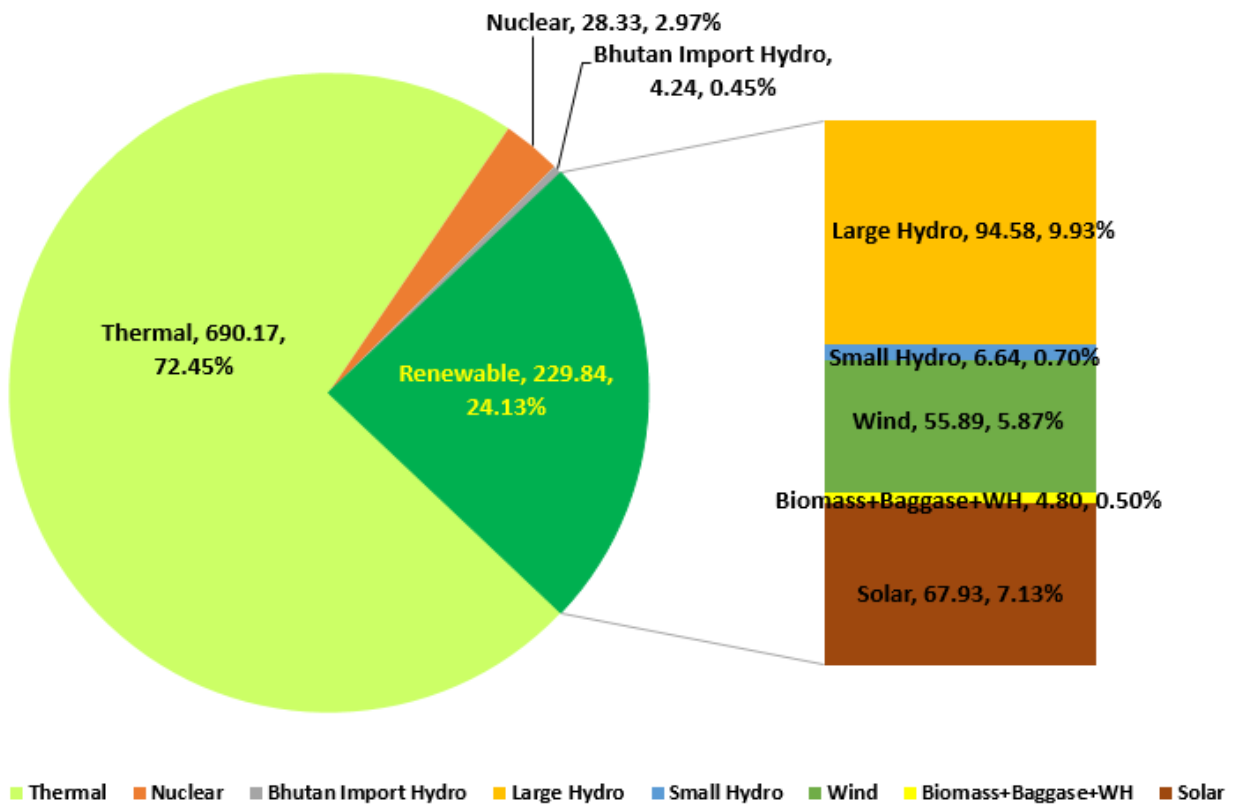
Figure 5: Source wise addition in RE Installed Capacity in September 2024

**All India Installed Capacity (452.69 GW) As On 30.09.2024 (RE 201.46 GW)**



**Figure 6: Installed Capacity in India as on 30.09.2024**

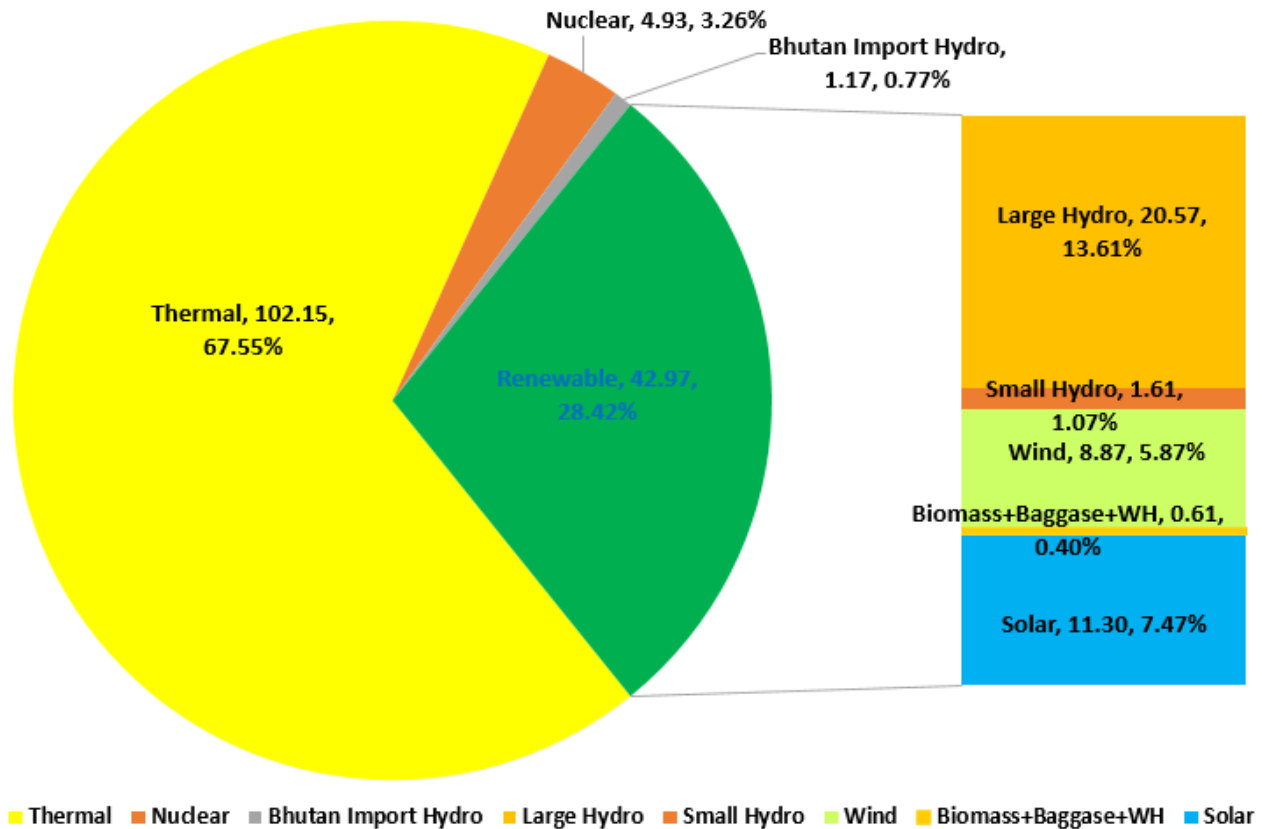
**All India Cumulative Energy Generation (952.58 BU) April-September 2024**



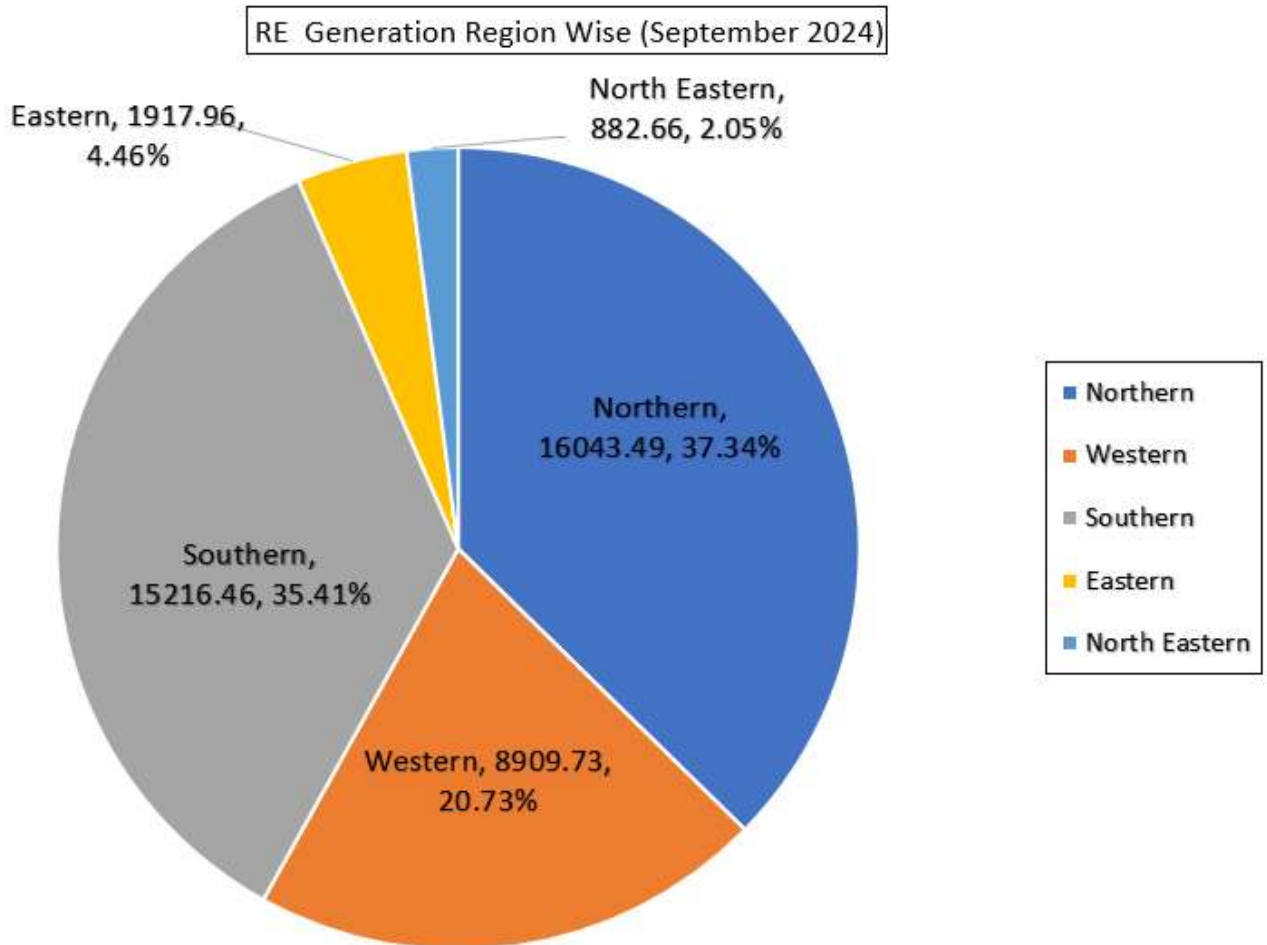
**Figure 7: Cumulative Total Energy Generation in India and Share of RE for the year 2024-25**



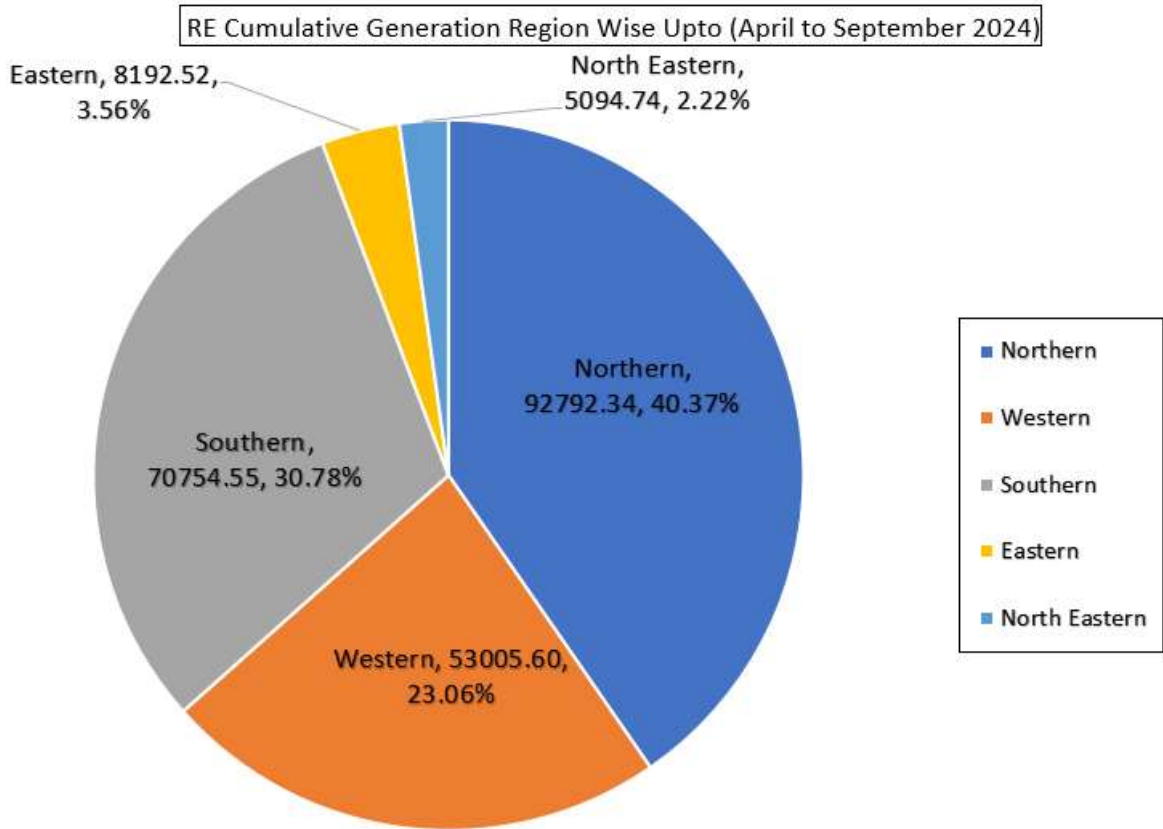
**All India Monthly Energy Generation (151.21 BU) September 2024**



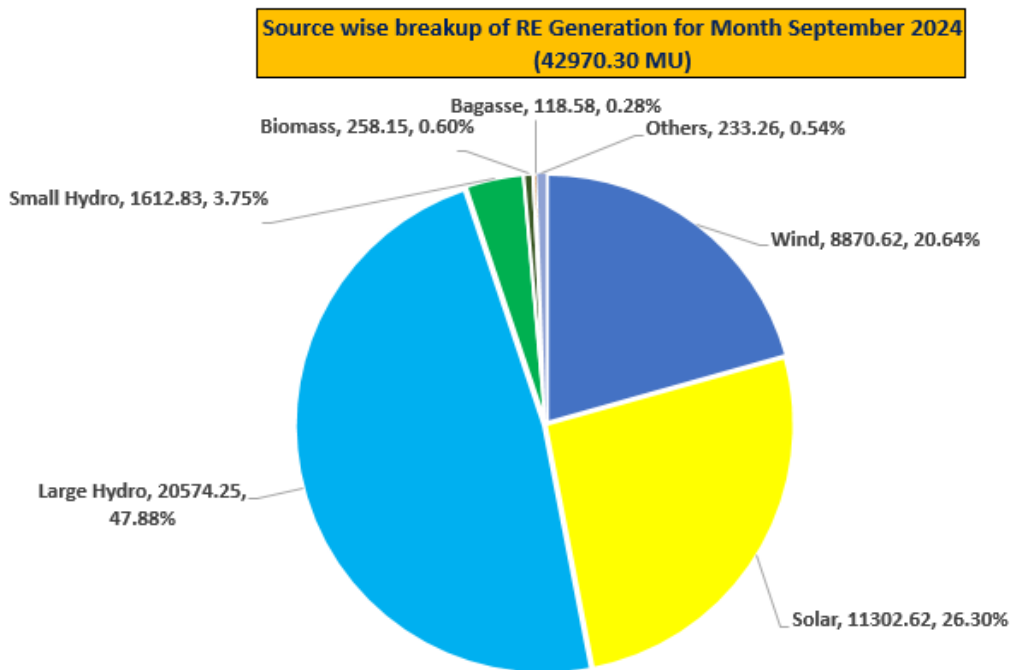
**Figure 8: Total Energy Generation in India and Share of RE in the month of September 2024**



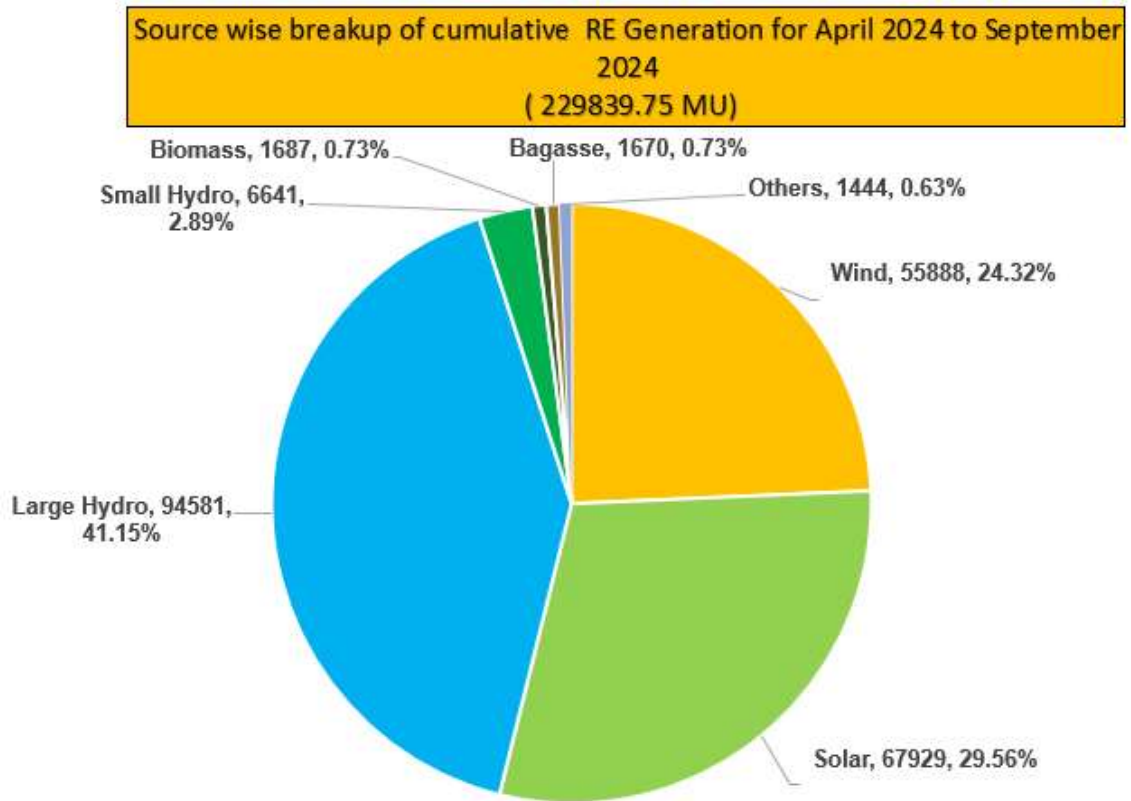
**Figure 9: RE Generation Region Wise of September -2024**



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



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



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

# Summary of Renewable Energy Generation

Increased by 18.60 % as compared to September' 23

Decreased by 2.94 % as compared to August'24

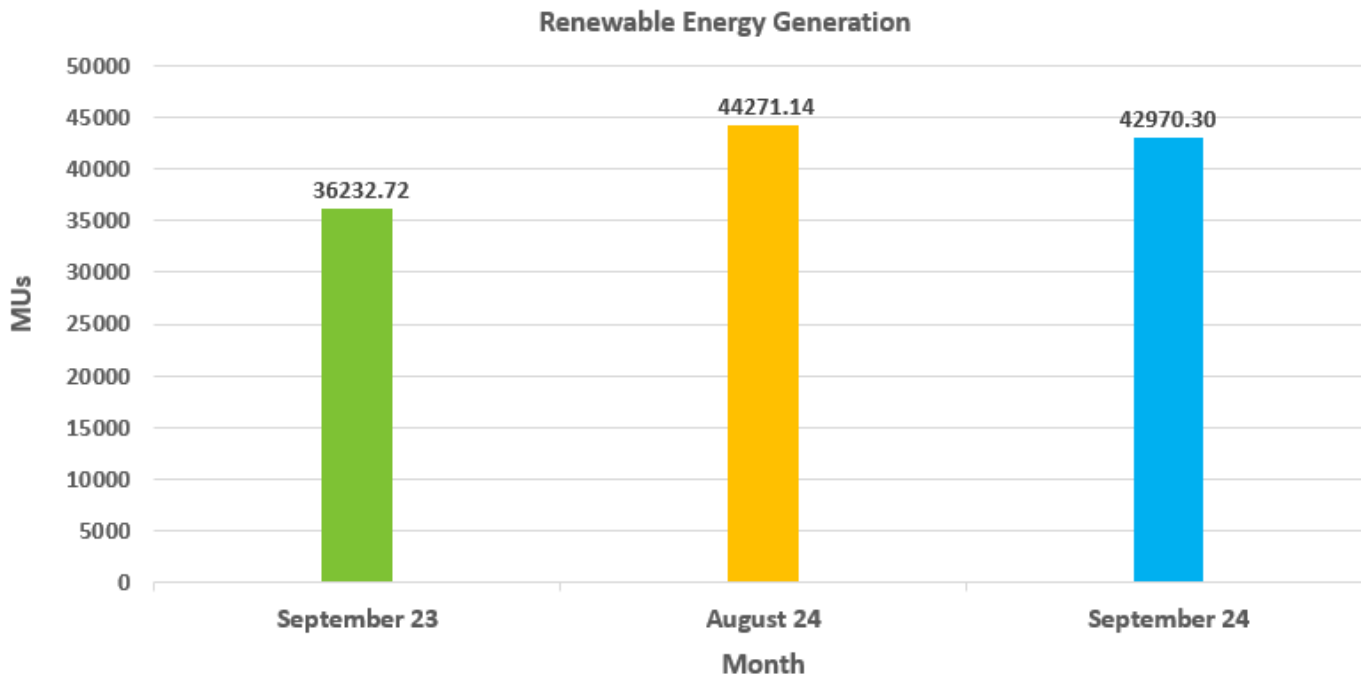


Figure 13: Renewable Energy Generation

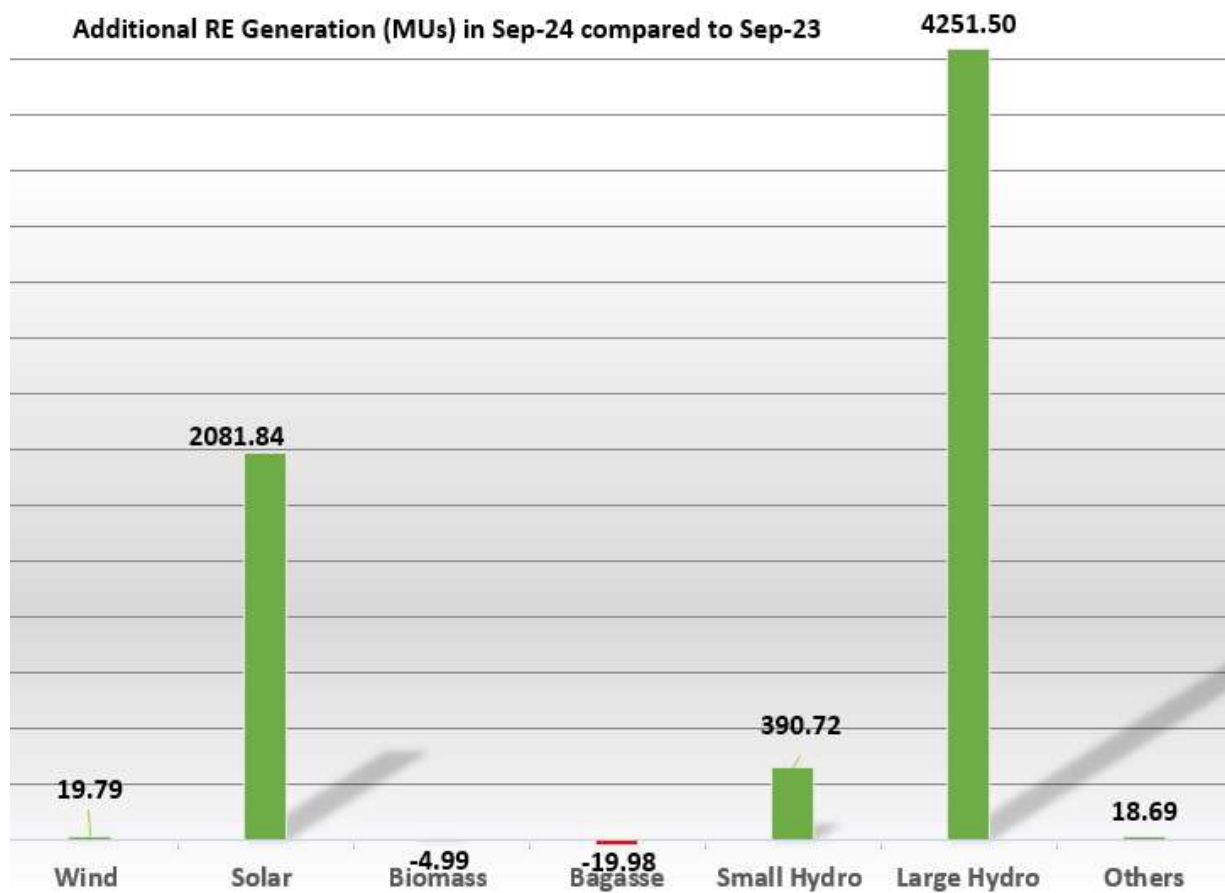


Figure 14: Additional RE Generation in September -24 as compared to September -23

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

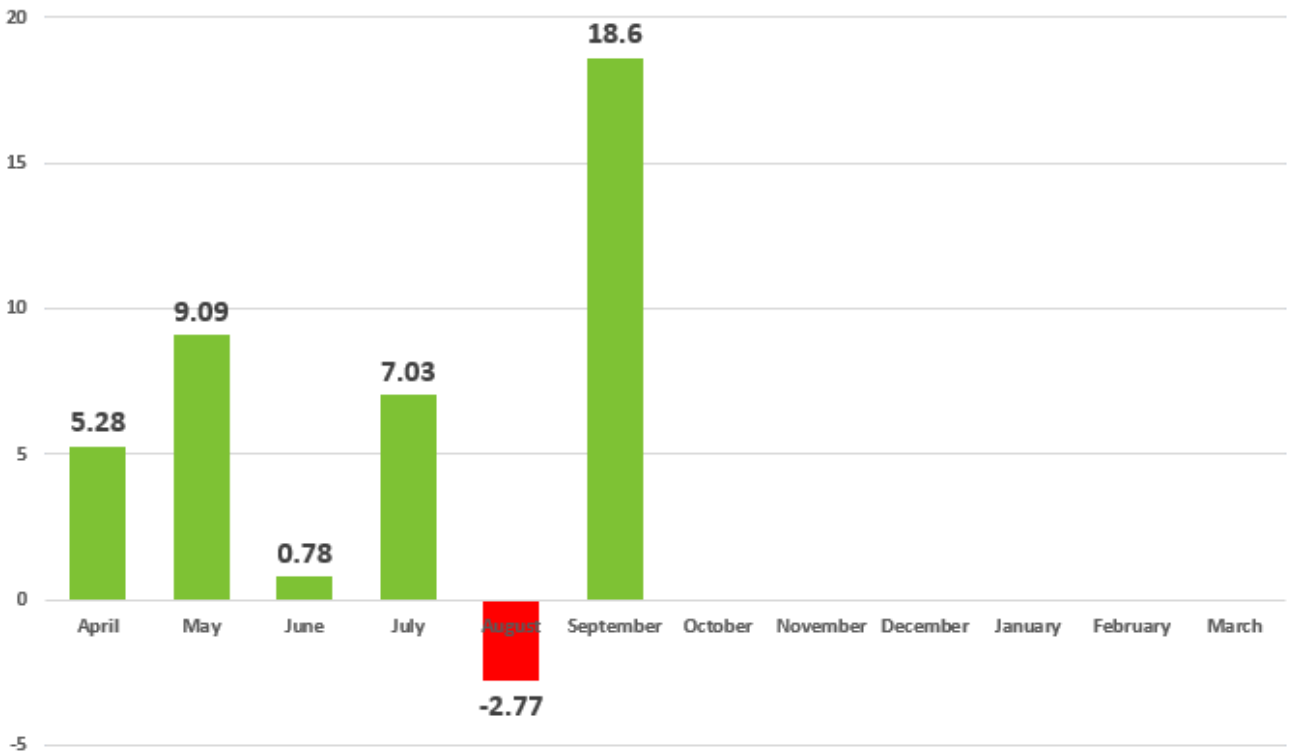


Figure 15: Month Wise % Growth of RE Generation in year 2024-25 w.r.t to previous year Same Month.

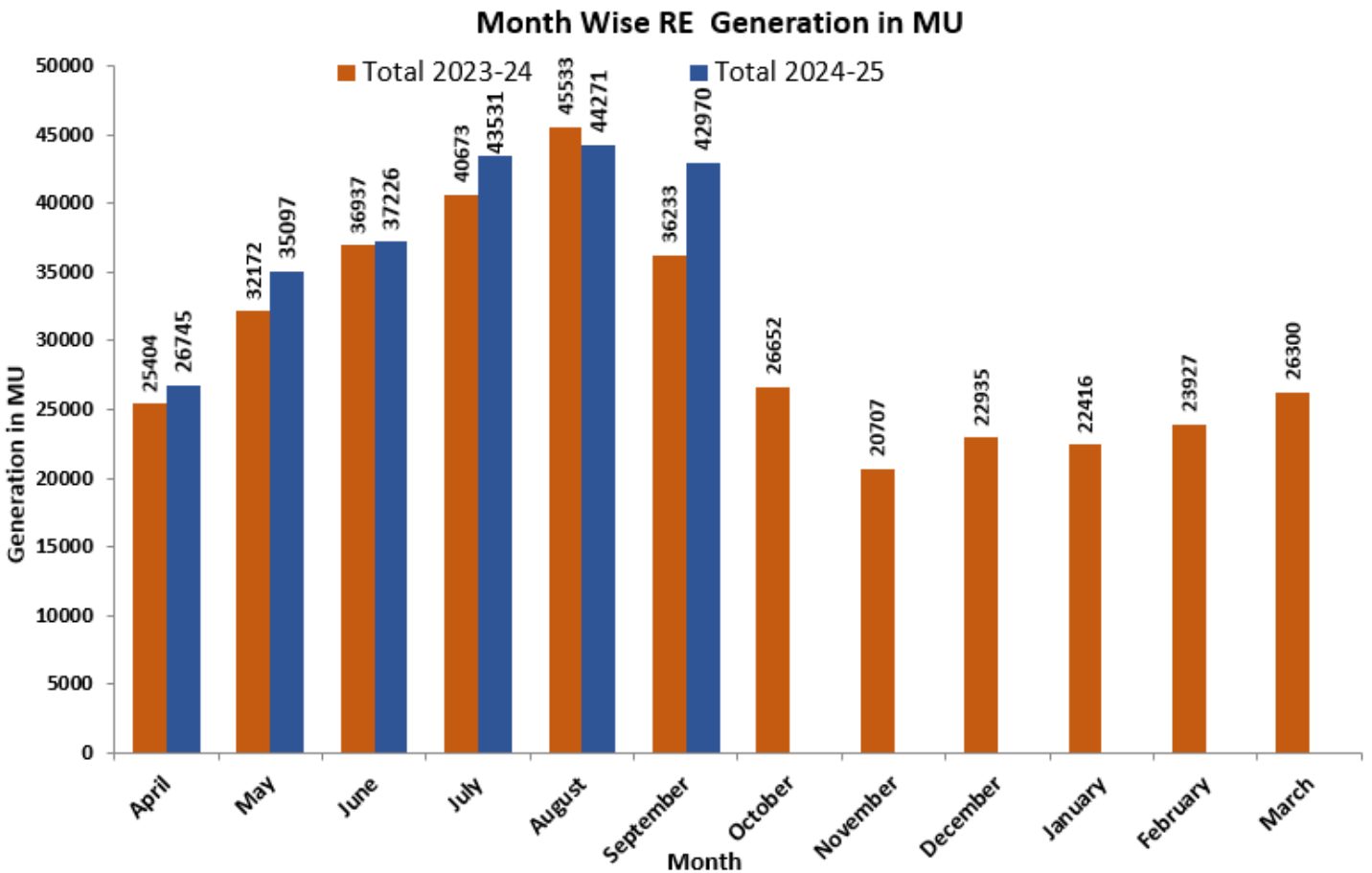


Figure 16: Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25.

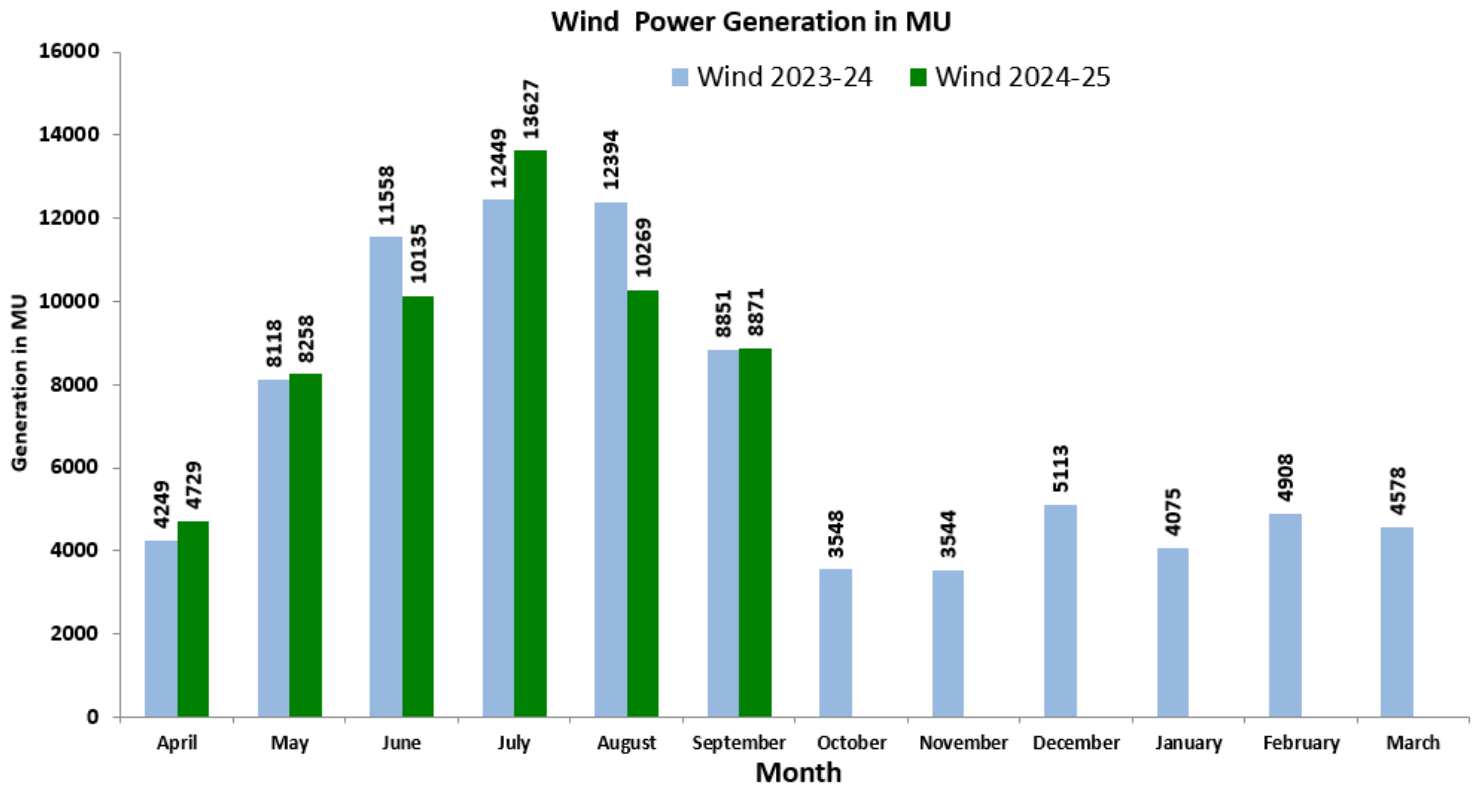


Figure 17: Month Wise Wind Power Generation for the year 2023-24 and year 2024-25.

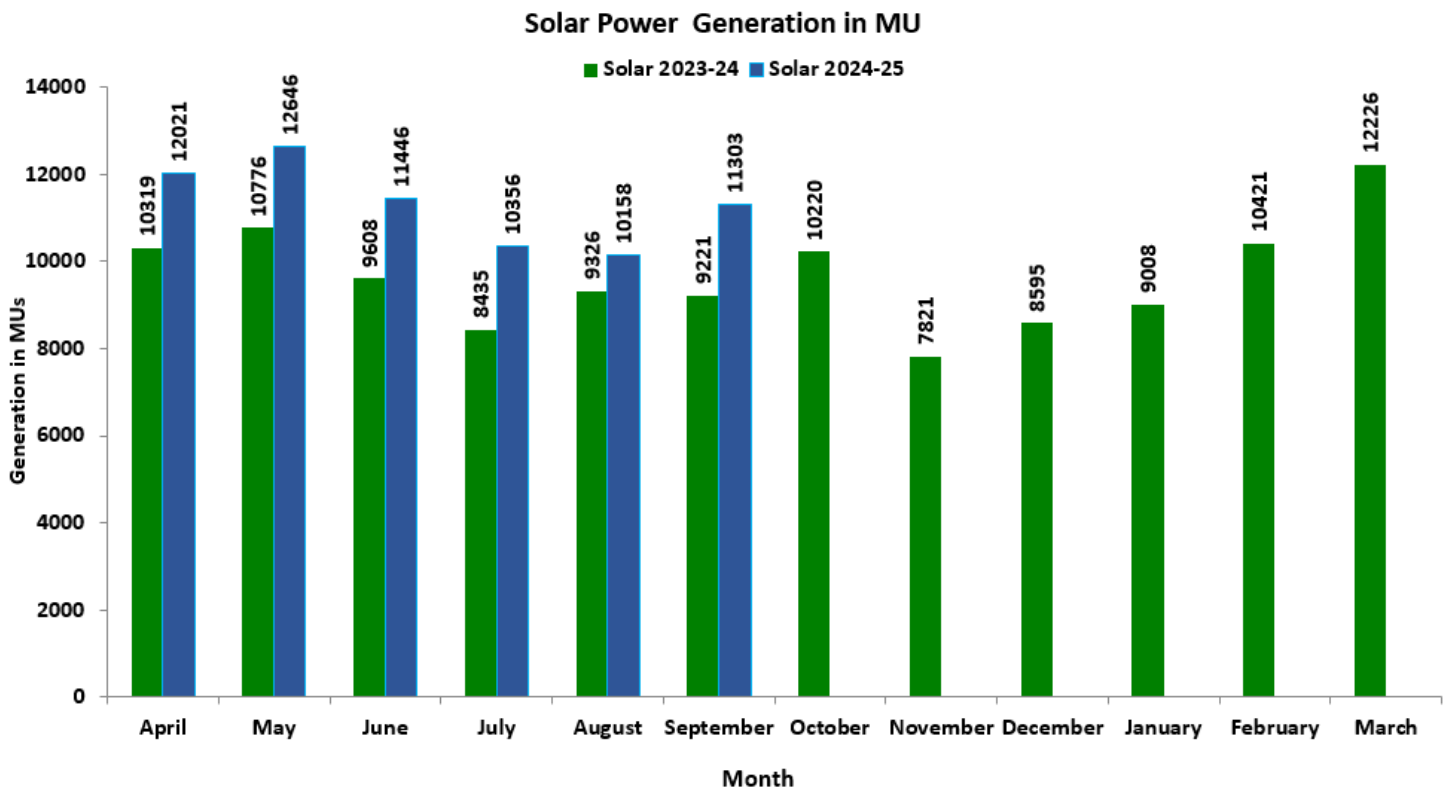


Figure 18: Month Wise Solar Power Generation for the year 2023-24 and year 2024-25.

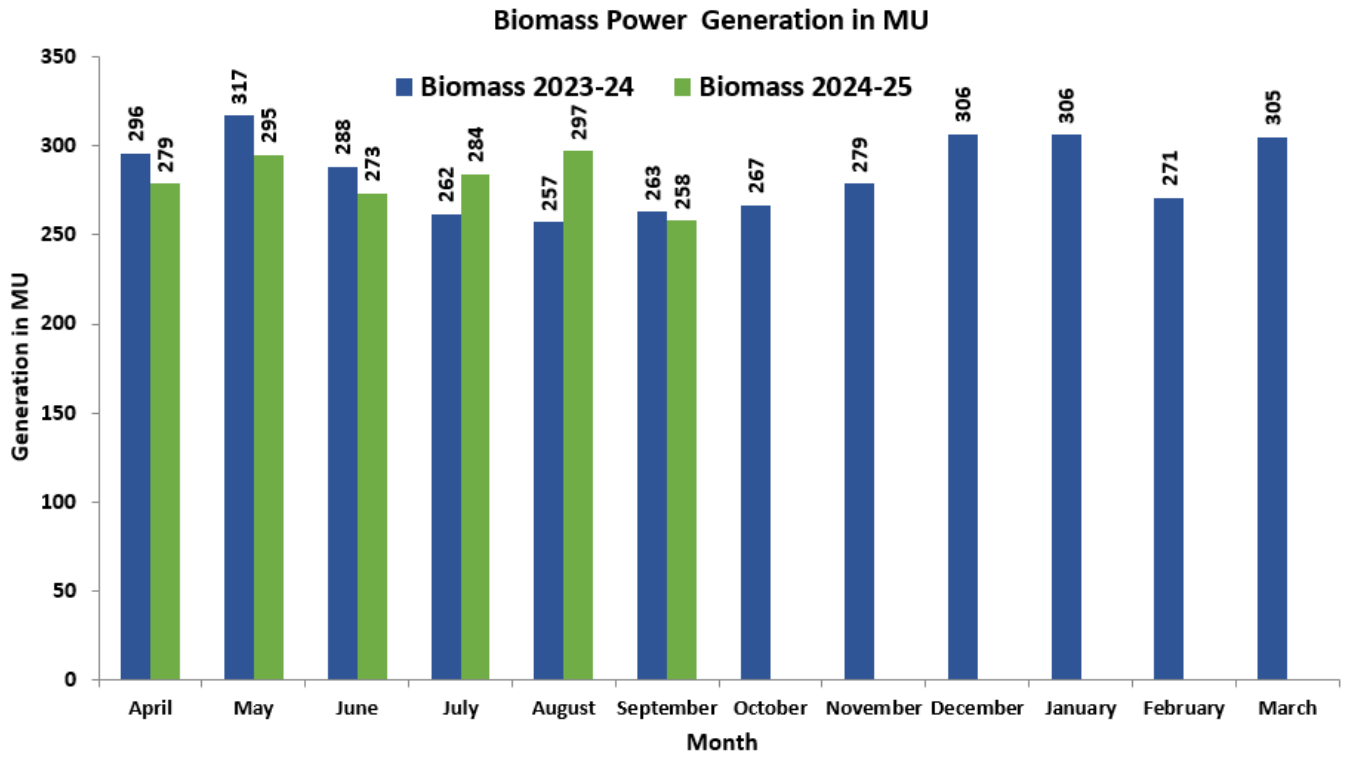


Figure 19: Month Wise Biomass Power Generation for the year 2023-24 and year 2024-25.

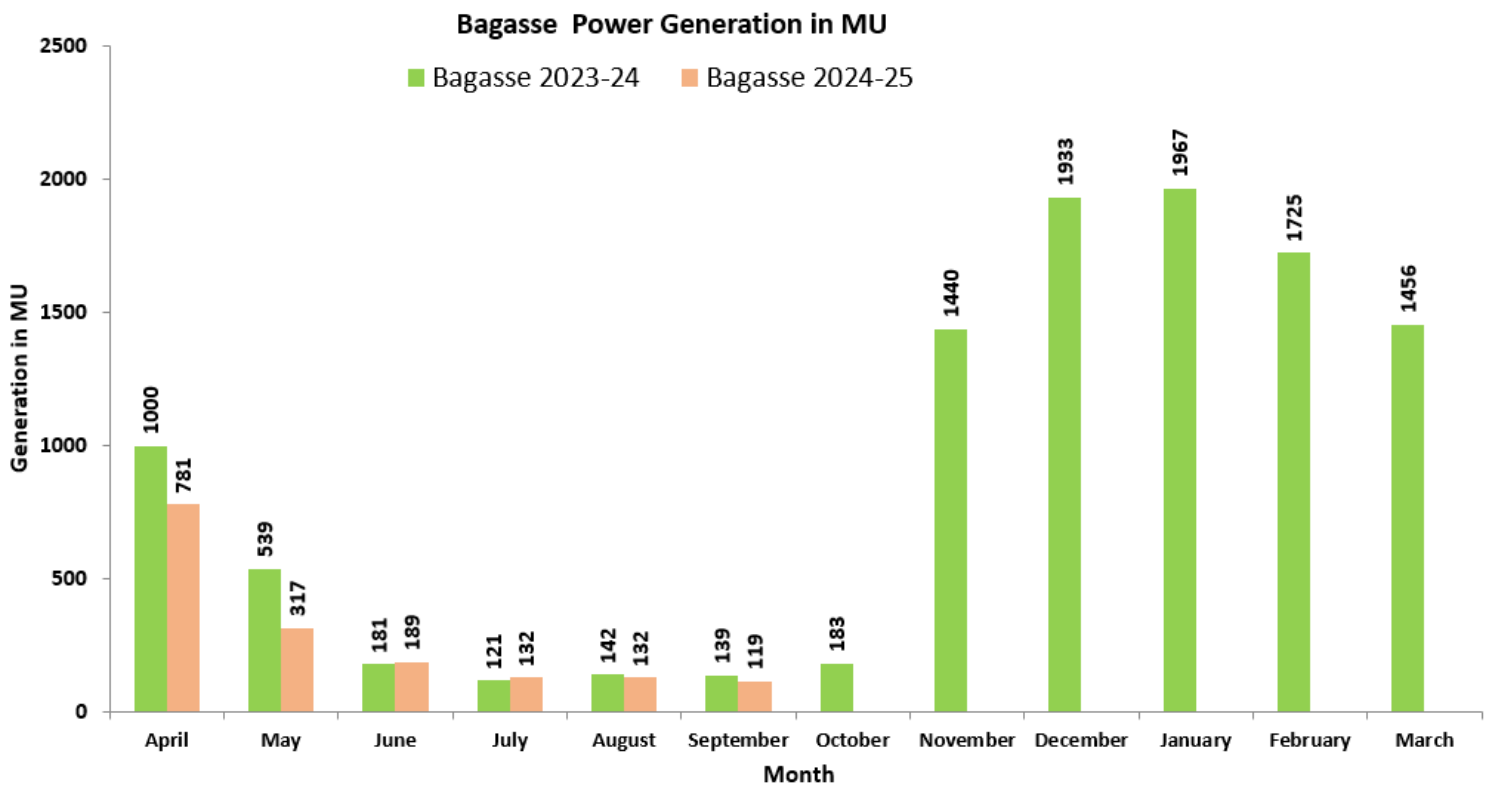


Figure 20: Month Wise Bagasse Power Generation for the year 2023-24 and year 2024-25.

### Small Hydro Power Generation in MU

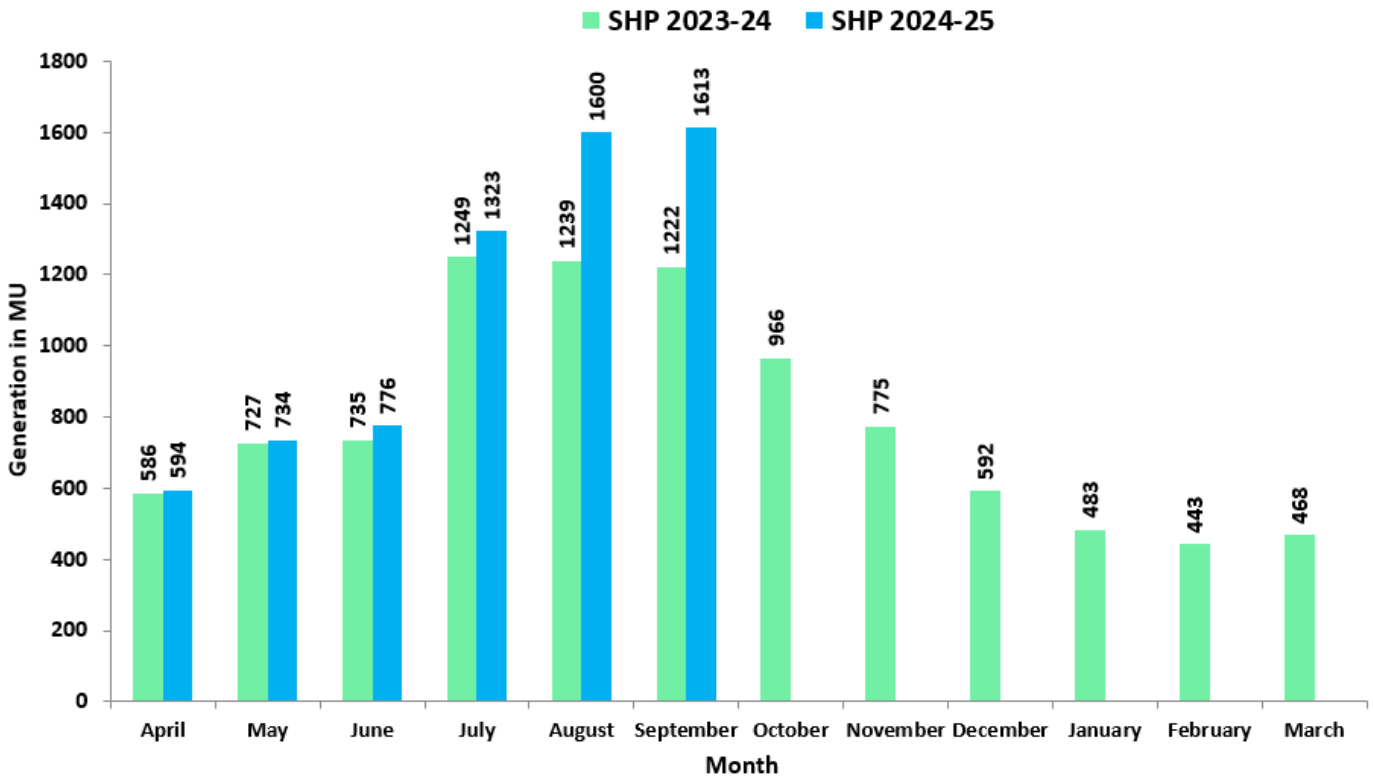


Figure 21: Month Wise Small Hydro Power Generation for the year 2023-24 and year 2024-25.

### Large Hydro Power Generation MU

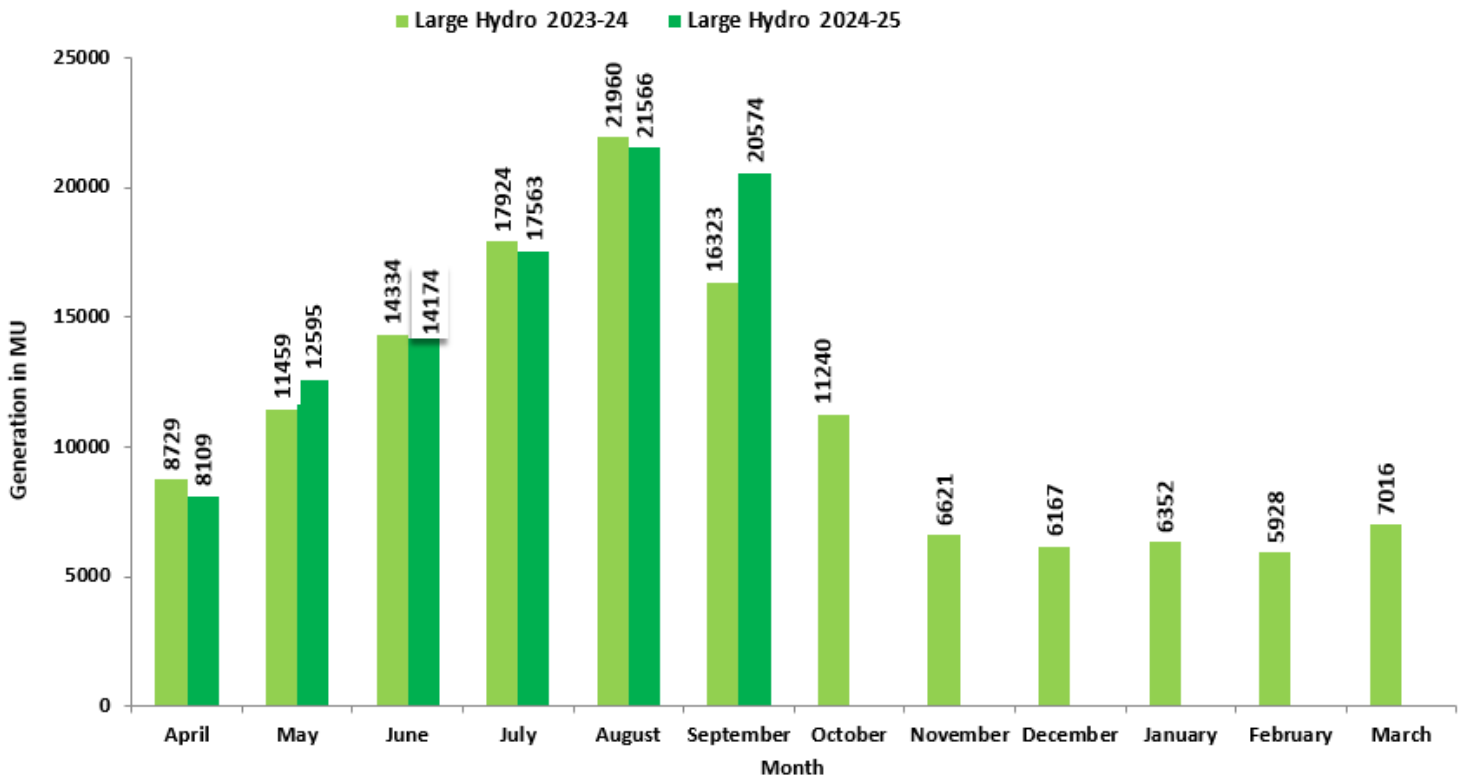


Figure 22: Month Wise Large Hydro Power Generation for the year 2023-24 and year 2024-25.



Power Generation from other RE sources in MU

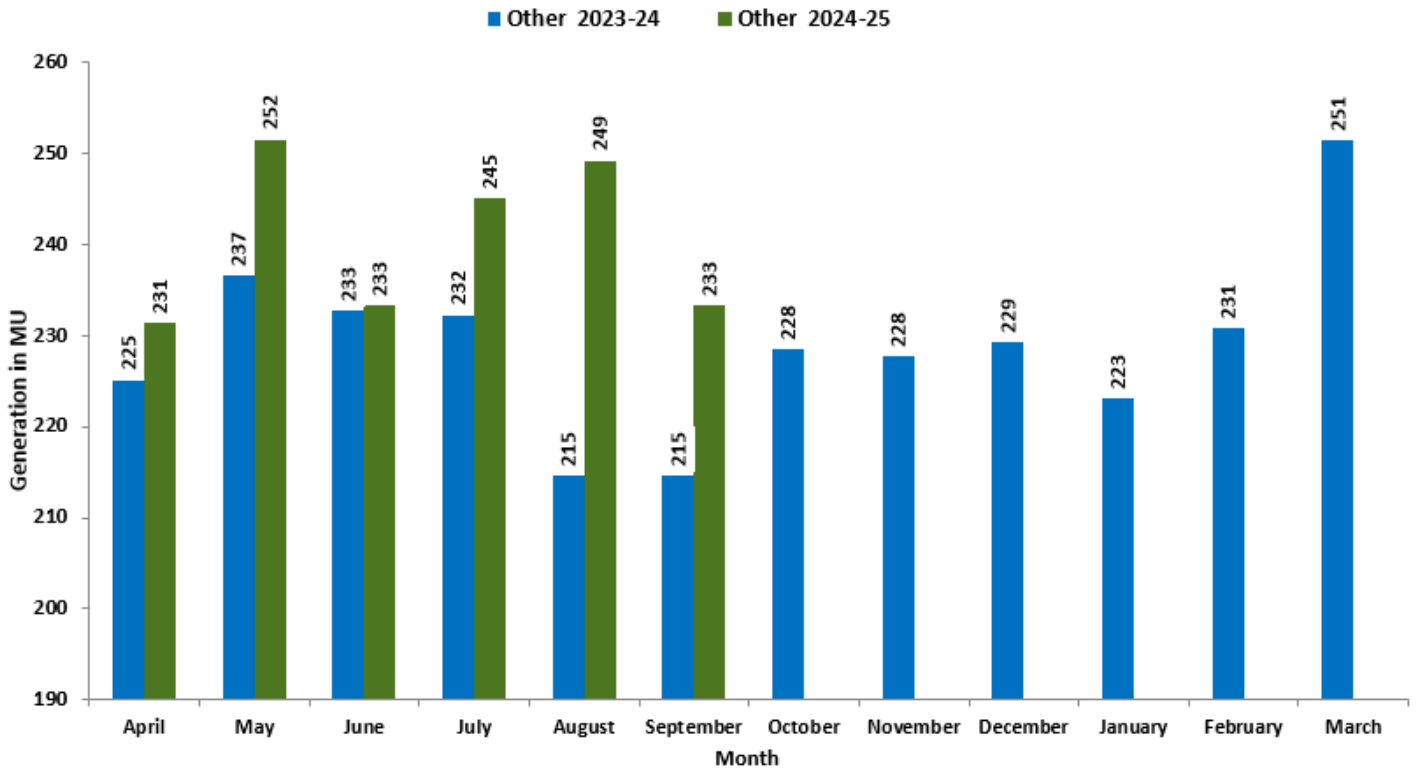


Figure 23: Month Wise Other RE (Waste Heat etc.) Power for the year 2023-24 and year 2024-25.

Year wise Generation of RE in MU

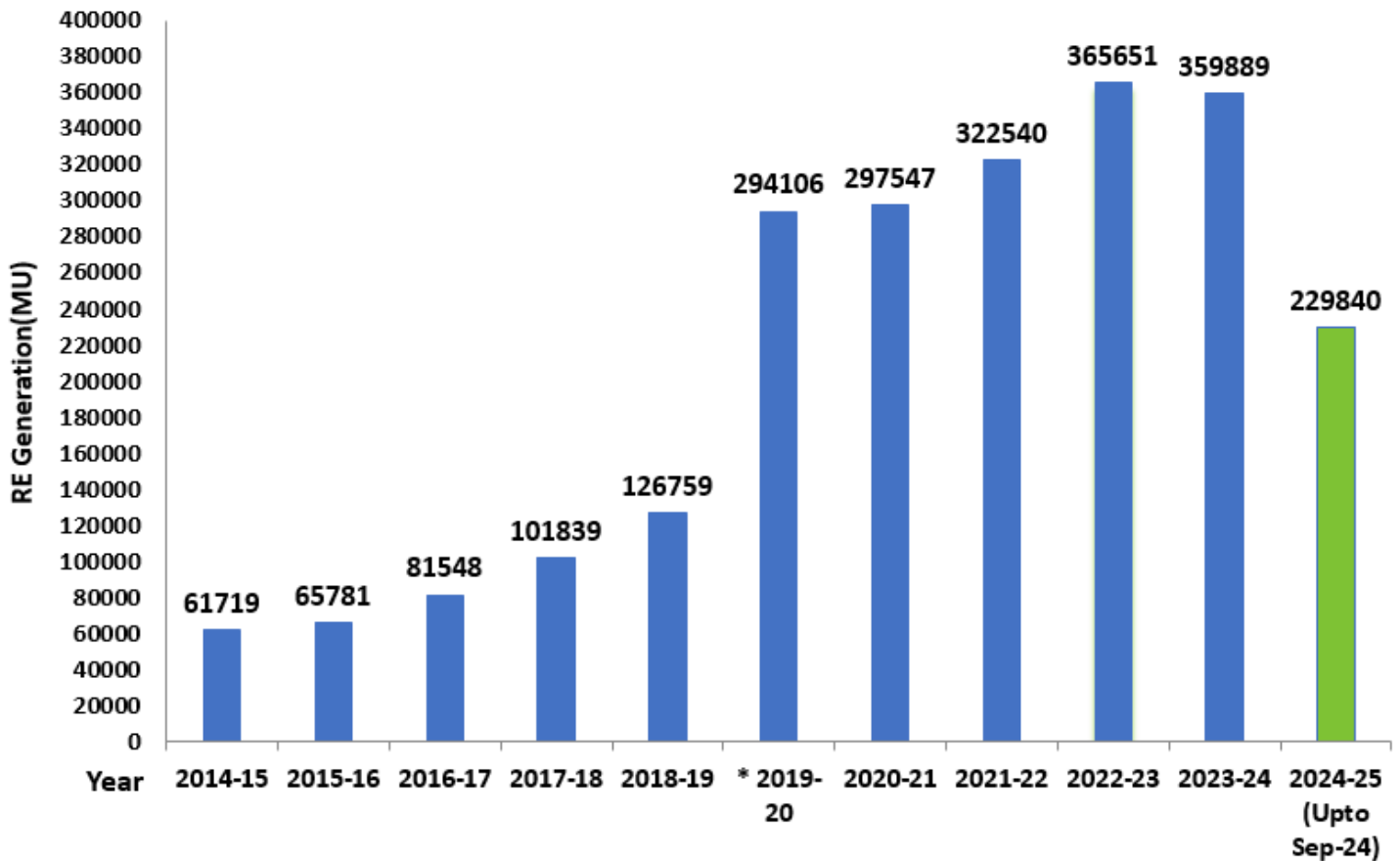


Figure 24: Year Wise RE Generation

(\*) 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 (September, 2024)

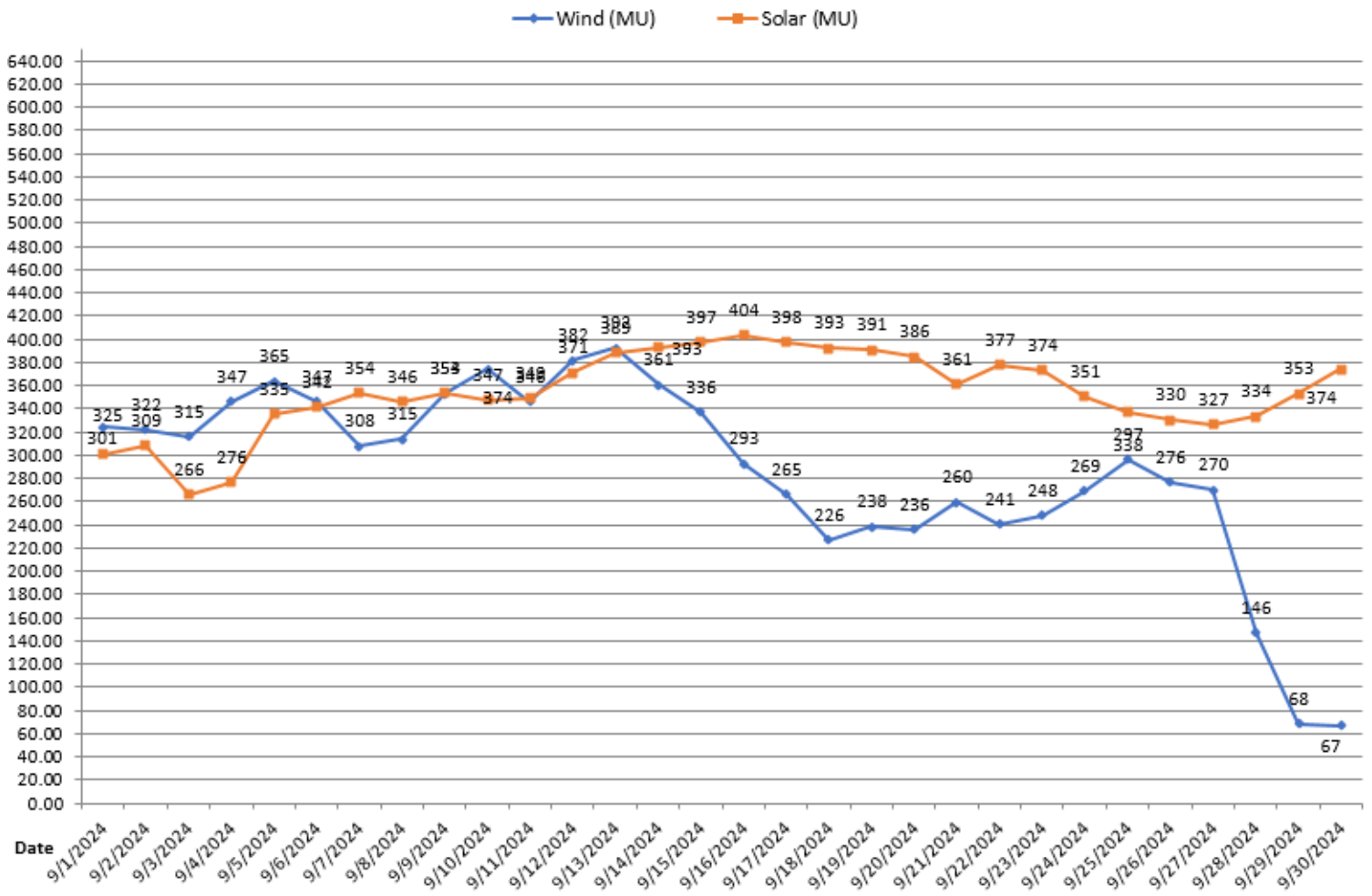


Figure 25: Daily solar and wind power generation trend in the month of September -2024

## Summary of All India Total Renewable Energy Generation

**Table 1 All India Summary of Renewable Energy Generation**

Category	Installed Capacity (MW) (as on 30.09.2024)	Monitored Capacity (MW) (as on 30.09.2024) for which generation data is available	RE Generation(MU) September'2024	RE Generation(MU) September'2023	% of same Month Last Year	RE Generation (MU) April'2024- September'2024	RE Generation (MU) April'2023- September'2023	% of same period Last Year
पवन/Wind	47362.92	47060.62	8870.62	8850.82	100.22	55888.29	57618.98	97.00
सौर/Solar	90762.12	78990.58(*)	11302.62	9220.78	122.58	67929.19	57684.38	117.76
बायोमास/Biomass	10724.46	9661.98	258.15	263.13	98.10	1686.64	1682.87	100.22
बगास/Bagasse			118.58	138.56	85.58	1669.90	2121.86	78.70
लघु जल विद्युत्/Small Hydro	5075.75	4200.93	1612.83	1222.11	131.97	6640.59	5758.76	115.31
बृहत् जल विद्युत्/Large Hydro(\$)	46928.17	46928.17	20574.25	16322.75	126.05	94581.31	90728.93	104.25
अन्य/Others	604.49	854.91	233.26	214.56	108.71	1443.82	1355.74	106.50
<b>कुल/Total Including Large Hydro</b>	<b>201457.91</b>	<b>187697.18</b>	<b>42970.30</b>	<b>36232.72</b>	<b>118.60</b>	<b>229839.75</b>	<b>216951.52</b>	<b>105.94</b>
<b>कुल/Total Excluding Large Hydro</b>	<b>154529.74</b>	<b>140769.01</b>	<b>22396.05</b>	<b>19909.97</b>	<b>112.49</b>	<b>135258.44</b>	<b>126222.59</b>	<b>107.16</b>

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

(\$) Large Hydro Generation data excludes import from Bhutan. However, the import from Bhutan during September 2024 and April 24 – September 24 are 1165.60 MUs and 4243.50 MU respectively.

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

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Unchahar NTPC	Uttar Pradesh	Central	Solar	0.90
Dadri NTPC	Uttar Pradesh	Central	Solar	0.39
Singrauli NTPC	Uttar Pradesh	Central	Solar	1.30
Auraiya NTPC	Uttar Pradesh	Central	Solar	3.68
Kolayat NTPC	Rajasthan	Central	Solar	83.44
Nokhra NTPC	Rajasthan	Central	Solar	55.39
Devikot NTPC	Rajasthan	Central	Solar	42.91
ABC Renewable Energy	Rajasthan	Private	Solar	60.25
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar	43.87
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	59.45
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	145.57
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	74.44
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	67.63
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	69.97
ADANI SEJ2PL M	Rajasthan	Private	Solar	28.29
ADANI SEJ2PL P	Rajasthan	Private	Solar	29.00
ALTRA XERGI	Rajasthan	Private	Solar	75.64
AMP Energy Green Five	Rajasthan	Private	Solar	22.28
AMP Energy Green Six	Rajasthan	Private	Solar	22.86
AMPLUS_AGES	Rajasthan	Private	Solar	20.51
Anta Solar	Rajasthan	Private	Solar	13.97
ASERJ2PL	Rajasthan	Private	Solar	37.32
ASERJ2PL_INFRM	Rajasthan	Private	Solar	3.38
ASERJ2PL_BHDL	Rajasthan	Private	Solar	30.40
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	37.83
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	83.58
Adani SB Energy Four Pvt. Ltd.( SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	9.70
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	35.70
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	52.82
Adept_ Renewable	Rajasthan	Private	Solar	24.42
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	65.06
Avaada RJHN Private Limited	Rajasthan	Private	Solar	44.38
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	64.43

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	56.24
Ayana Renewable Three	Rajasthan	Private	Solar	41.14
Ayana Renewable Three Infirm	Rajasthan	Private	Solar	12.29
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	59.21
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	57.63
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	117.10
AZURE SOLAR	Rajasthan	Private	Solar	30.76
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	49.07
AZURE POWER THIRTY FIVE	Rajasthan	Private	Solar	24.28
Clean Solar Power ( Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	48.77
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar	56.08
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	61.24
GRIAN ENERGY	Rajasthan	Private	Solar	20.61
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	Solar	8.36
MEGA SOILS RENEWABLE PRIVATE LIMITED	Rajasthan	Private	Solar	47.74
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	45.35
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	19.36
Nidan Solar Fatehgar	Rajasthan	Private	Solar	60.22
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	61.56
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	9.55
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar	47.51
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	56.95
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	58.55
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	53.87
Renew Surya Pratap	Rajasthan	Private	Solar	39.90
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	55.98
Rising Sun Energy	Rajasthan	Private	Solar	70.66
Serentica Renewables	Rajasthan	Private	Solar	19.15
Renew Surya Roshni	Rajasthan	Private	Solar	58.03
Renew Surya Vihaan	Rajasthan	Private	Solar	36.68
Renew Surya Ayaan	Rajasthan	Private	Solar	40.81
Tata Power Green Energy Limited	Rajasthan	Private	Solar	39.77
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	54.07
TESEPL	Rajasthan	Private	Solar	10.51
Thar Surya 1	Rajasthan	Private	Solar	59.00
TPSL Banderwala	Rajasthan	Private	Solar	38.41
TPSL BKN2 INF	Rajasthan	Private	Solar	18.92

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
TP SAURYA	Rajasthan	Private	Solar	18.64
Transition Energy	Rajasthan	Private	Solar	18.30
Transition Green Energy	Rajasthan	Private	Solar	21.24
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	74.59
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	16.57
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	12.47
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	12.20
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	20.94
<b>Sub Total(Northern Region)</b>				<b>3251.04</b>
Beempow Energy	Madhya Pradesh	Private	Solar	35.46
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	33.19
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	30.17
AVAADA_AGAR_RUMS	Madhya Pradesh	Private	Solar	30.15
Athena_RUMS	Madhya Pradesh	Private	Solar	29.22
Masaya BWSPPRA_KNDW	Madhya Pradesh	Private	Solar	38.72
TPSOURY KWAI	Madhya Pradesh	Private	Wind	0.27
Sherisha Raipur	Chhattisgarh	Private	Solar	6.49
Solapur Solar	Maharashtra	Central	Solar	1.44
AREH4L_PSS1	Gujarat	Private	Solar	221.65
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	37.59
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	19.15
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	19.46
RPL_SECI-II	Gujarat	Private	Solar	40.78
Kawas NTPC	Gujarat	Central	Solar	6.99
Gandhar_Solar	Gujarat	Private	Solar	2.50
GSECL RSP	Gujarat	Private	Solar	7.27
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar	142.45
AGE24AL	Gujarat	Private	Solar	99.51
Alfanar	Gujarat	Private	Wind	53.56
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	90.97
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	61.47
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	70.16
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	43.40
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	52.19

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
GSECL_PH2	Gujarat	Private	Wind	13.73
Ostro Kutch Wind Private Limited (OKWPL)	Gujarat	Private	Wind	52.10
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	16.64
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	34.69
Apraava Khkrda Jam	Gujarat	Private	Wind	41.45
Netra Kotda	Gujarat	Private	Wind	28.84
Powerica Wind	Gujarat	Private	Wind	9.82
Torrent Sidpur Jam	Gujarat	Private	Wind	17.46
SITAC	Gujarat	Private	Wind	78.21
SRIJAN	Gujarat	Private	Wind	23.30
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind	49.56
SGEL RSP	Gujarat	Private	Wind	13.72
<b><u>Sub Total(Western Region)</u></b>				<b>1553.73</b>
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	99.23
GRTJIPL	Tamil Nadu	Private	Solar	30.07
Mytra	Tamil Nadu	Private	Wind	95.16
Orange	Tamil Nadu	Private	Wind	79.61
Green Infra	Tamil Nadu	Private	Wind	102.79
Hiriyur Ostro	Tamil Nadu	Private	Wind	106.32
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	84.56
JSW Renew Energy Two Limited ( Tuticorin)	Tamil Nadu	Private	Wind	84.84
JSW Savlaperi	Tamil Nadu	Private	Wind	70.93
Ettayapuram NTPC	Tamil Nadu	Central	Solar	45.20
ARPSPL KOPPAL	Karnataka	Private	Wind	89.26
RSOPL KOPPAL	Karnataka	Private	Wind	92.68
RSOPL KOPPAL infirm	Karnataka	Private	Wind	6.38
RSRPL KOPPAL	Karnataka	Private	Wind	84.26
Serentica_koppal	Karnataka	Private	Wind	23.59
Ramagundam Floating Solar	Telangana	Central	Solar	15.76
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	1.84
<b><u>Southern Region</u></b>				<b>1112.48</b>
<b><u>All India Total</u></b>				<b>5917.25</b>

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) September 2024	RE Generation (MU) September 2023	RE Generation (MU) April 2024-September 2024	RE Generation (MU) April 2023-September 2023
<b>NTPC</b>							
Faridabad_Solar	Haryana	5	Solar	0.45	0.66	3.05	4.12
Bhadla	Rajasthan	260	Solar	32.15	34.07	210.96	254.19
Jetsar	Rajasthan	160	Solar	30.45	29.95	195.04	225.30
Fatehgarh	Rajasthan	296	Solar	63.03	60.79	377.31	453.53
Devikot	Rajasthan	240	Solar	44.06	46.41	273.23	336.87
Nokhra	Rajasthan	300	Solar	57.58	57.88	349.63	413.11
Anta Solar	Rajasthan	90	Solar	13.95	0.00	72.33	0.00
Dadri_Solar	Uttar Pradesh	5	Solar	0.40	0.47	3.07	3.68
Unchahar_Solar	Uttar Pradesh	10	Solar	0.98	1.03	6.74	8.19
Singrauli_Solar	Uttar Pradesh	15	Solar	1.41	1.87	9.91	12.42
Auraiya	Uttar Pradesh	40	Solar	3.75	5.58	32.81	43.35
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	0.00	3.63	14.62	24.69
Ayodhya	Uttar Pradesh	14	Solar	6.19	0.00	23.53	0.00
Chattargarh	Rajasthan	150	Solar	29.27	0.00	175.37	0.00
Rojmal	Gujarat	50	Wind	6.11	8.14	58.31	72.31
Dayapar	Gujarat	50	Wind	9.88	0.00	64.03	0.00
Rajgarh_Solar	Madhya Pradesh	50	Solar	4.55	4.78	32.90	38.29
Mandsaur	Madhya Pradesh	250	Solar	22.79	25.07	166.23	202.66
Solapur	Maharashtra	10	Solar	1.59	1.39	9.35	10.45
Anantapuram	Andhra Pradesh	250	Solar	29.40	96.37	182.99	289.02
Ramagundam	Telangana	110	Solar	15.94	14.22	99.25	117.61
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.46	0.00	2.72	2.34
Talchar_Solar	Orissa	10	Solar	0.78	0.86	5.60	7.06
Solar_Bilhaur	Uttar Pradesh	225	Solar	32.31	36.70	243.18	273.44
Simhadri Floating Project	Andhra Pradesh	25	Solar	1.74	3.58	20.12	31.28



Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September 2024	RE Generation (MU) September 2023	RE Generation (MU) April 2024-September 2024	RE Generation (MU) April 2023-September 2023
Kayamkulam	Kerala	92	Solar	18.16	15.50	97.43	121.22
Kawas	Gujarat	56	Solar	7.03	5.26	48.87	51.77
Gandhar	Gujarat	20	Solar	2.57	1.45	17.73	15.39
Shambu ki Burj-I	Rajasthan	250	Solar	51.65	50.23	317.24	368.57
Shambu ki Burj-II	Rajasthan	150	Solar	35.07	32.90	201.79	233.49
Ettayapuram	Tamil Nadu	230	Solar	45.59	41.75	257.02	295.21
Gujarat Solar	Gujarat	60	Solar	7.09	0.00	13.13	0.00
Bhainsara	Rajasthan	160	Solar	29.05	0.00	31.94	0.00
<b>Total NTPC</b>		<b>3771</b>		<b>605.42</b>	<b>580.54</b>	<b>3617.42</b>	<b>3909.56</b>
<b>THDC</b>							
Patan Wind Power Project	Gujarat	50	Wind	4.10	5.32	46.30	47.75
Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	5.41	9.83	71.37	80.35
Solar Kasaragod	Kerala	50	Solar	7.03	6.58	38.78	44.74
Rishikesh office Premises (New)	Uttarakhand	0.50	Solar	0.04	0.04	0.27	0.26
Rishikesh office Premises (Old)	Uttarakhand	0.50	Solar	0.04	0.00	0.27	0.00
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24	Small Hydro	11.77	9.30	31.83	31.76
<b>Total THDC</b>		<b>188.00</b>		<b>28.39</b>	<b>31.07</b>	<b>188.82</b>	<b>204.86</b>
<b>NHPC</b>							
Wind Power Project	Rajasthan	50.00	Wind	3.56	4.17	29.62	37.53
Solar Power Project	Tamilnadu	50.00	Solar	7.96	7.45	45.40	41.11
<b>Total NHPC</b>		<b>100.00</b>		<b>11.52</b>	<b>11.63</b>	<b>75.03</b>	<b>78.64</b>
<b>ONGC</b>							
Bhuj	Gujarat	51.00	Wind	0.97	0.75	40.00	12.27
Jaisalmer	Rajasthan	102.00	Wind	5.50	7.70	67.03	73.70
Assam	Assam	1.66	Roof Top	0.14	0.00	0.78	0.15
Assam	Assam	1.09	Ground Mounted	0.12	0.01	0.69	1.58
Tripura	Tripura	0.25	Roof Top	0.02	0.00	0.11	0.72
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Ground Mounted	0.06	0.00	0.47	0.84

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September 2024	RE Generation (MU) September 2023	RE Generation (MU) April 2024-September 2024	RE Generation (MU) April 2023-September 2023
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Ground Mounted	0.54	0.50	3.66	2.31
Cauvery	Tamil Nadu	0.46	Ground Mounted	0.06	0.00	0.28	0.13
Vagara, Ankleshwar	Gujarat	5.00	Ground Mounted	0.54	0.60	3.71	3.36
Gujarat	Gujarat	4.23	Roof Top	0.34	0.00	2.04	0.48
Jodhpur	Rajasthan	0.16	Ground Mounted	0.01	0.00	0.10	0.15
Jaisalmer	Rajasthan	0.16	Ground Mounted	0.01	0.00	0.10	0.15
Uttarakhand	Uttarakhand	1.24	Roof Top	0.09	0.00	0.48	0.02
Goa	Goa	1.00	Ground Mounted	0.06	0.02	0.37	0.19
Hazira	Gujarat	10.00	Ground Mounted	0.86	0.00	6.46	0.01
Hazira	Gujarat	5.00	Ground Mounted	0.55	0.00	3.85	0.04
Mumbai ( Uran & NBP Green Heights)	Maharashtra	0.29	Roof Top	0.03	0.00	0.50	0.01
DDU, Bhawan, Delhi	Delhi	0.30	Roof Top	0.01	0.00	0.13	0.03
ONGC Colony Noida	Uttar Pradesh	0.06	Roof Top	0.00	0.00	0.03	0.00
EOA Logistics Park, Kakinada	Andhra Pradesh	1.00	Roof Top	0.10	0.00	0.54	0.00
Cambay	Gujarat	2.00	Ground Mounted SPP	0.30	0.00	1.71	0.00
<b>Total ONGC</b>		<b>192.89</b>		<b>10.30</b>	<b>9.58</b>	<b>133.03</b>	<b>96.13</b>
<b>SJVN Limited</b>							
Khirvire Wind Power	Maharashtra	47.60	Wind	4.10	6.37	39.11	42.29
Sadla Wind Power	Gujarat	50	Wind	6.20	8.19	56.03	69.85
Charanka Solar Power	Gujarat	5.60	Solar	0.63	0.69	4.02	4.05
Wadhwal Solar Power Project	Himachal Pradesh	1	Solar	0.09	0.10	0.71	0.52

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September 2024	RE Generation (MU) September 2023	RE Generation (MU) April 2024-September 2024	RE Generation (MU) April 2023-September 2023
Gurhah	Uttar Pradesh	75	Solar	11.11	0.00	77.73	0.00
Gujari		50	Solar	7.01	0.00	49.42	0.00
Parasan Solar Power	Uttar Pradesh	75	Solar	11.03	12.03	79.37	81.83
		100		14.14	0.00	80.86	0.00
<b>Total SJVN</b>		<b>404.20</b>		<b>54.30</b>	<b>27.39</b>	<b>387.25</b>	<b>198.53</b>
<b>Oil India Ltd</b>							
Oil India Ltd	Rajasthan	14.00	Solar	1.58	1.95	12.11	12.66
Oil India Ltd	Rajasthan	67.60	Wind	4.23	2.94	43.30	39.27
Oil India Ltd	Gujarat	43.30	Wind	6.63	7.65	52.11	55.86
Oil India Ltd	Madhya Pradesh	63.20	Wind	7.30	9.28	62.35	63.59
<b>Total Oil India Ltd</b>		<b>188.10</b>		<b>19.74</b>	<b>21.82</b>	<b>169.88</b>	<b>171.37</b>
<b>NEEPCO</b>							
NEEPCO	Tripura	5.00	Solar	0.43	0.28	2.74	1.98
NEEPCO	Assam	25.00	Small Hydro	17.68	18.93	102.69	72.84
<b>NEEPCO Total</b>		<b>30.00</b>		<b>18.11</b>	<b>19.21</b>	<b>105.44</b>	<b>74.83</b>
<b>DVC</b>							
DVC	West Bengal	10.10	Solar	1.27	0.01	8.68	0.03
DVC	Jharkhand	4.00	Small Hydro	0.15	0.00	1.00	0.00
<b>Total DVC</b>		<b>14.10</b>		<b>1.41</b>	<b>0.01</b>	<b>9.68</b>	<b>0.03</b>
<b>All India Total</b>		<b>4888.07</b>		<b>749.20</b>	<b>701.24</b>	<b>4686.53</b>	<b>4733.95</b>

**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 September 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
<b>Northern Region</b>					
Unchahar NTPC	Solar	0.92	0.90	-0.02	-2.17
Dadri NTPC	Solar	0.45	0.39	-0.06	-13.33
Singrauli NTPC	Solar	1.59	1.30	-0.29	-18.24
Auraiya NTPC	Solar	4.88	3.68	-1.20	-24.59
Kolayat NTPC	Solar	79.21	83.44	4.23	5.34
Nokhra NTPC	Solar	58.99	55.39	-3.60	-6.10
Devikot NTPC	Solar	43.25	42.91	-0.34	-0.79
ABC Renewable Energy	Solar	60.33	60.25	-0.08	-0.13
Acme Chittorgarh Energy Pvt Ltd.	Solar	47.99	43.87	-4.12	-8.59
Acme Heergharh Powertech Pvt Ltd	Solar	59.34	59.45	0.11	0.19
Adani Hybrid Energy Jaisalmer Four Limited	Solar	232.33	220.16	-12.17	-5.24
Adani Hybrid Energy Jaisalmer One Limited	Solar	108.67	104.52	-4.15	-3.82
Adani Hybrid Energy Jaisalmer Three Limited	Solar	84.59	80.10	-4.49	-5.31
Adani Hybrid Energy Jaisalmer Two Limited	Solar	84.70	82.17	-2.53	-2.99
ADANI SEJ2PL M	Solar	30.62	28.29	-2.33	-7.61
ADANI SEJ2PL P	Solar	28.88	29.00	0.12	0.42
ALTRA XERGI	Solar	75.58	75.64	0.06	0.08
AMP Energy Green Five	Solar	23.33	22.28	-1.05	-4.50
AMP Energy Green Six	Solar	23.99	22.86	-1.13	-4.71
AMPLUS_AGES	Solar	23.13	20.51	-2.62	-11.33
Anta Solar NTPC	Solar	12.82	13.97	1.15	8.97
ASERJ2PL	Solar	40.62	37.32	-3.30	-8.12
ASERJ2PL_INFRM	Solar	3.19	3.38	0.19	5.96
ASERJ2PL_BHDL	Solar	31.06	30.40	-0.66	-2.12

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

<b>Station</b>	<b>Source</b>	<b>Schedule (MU)</b>	<b>Actual(MU)</b>	<b>Deviation (Actual-Schedule) in MU.</b>	<b>% Deviation of Schedule</b>
Adani Renewable Energy RJ Limited (RERJL)	Solar	38.78	37.83	-0.95	-2.45
Adani Jaisalmer One SEPL Solar	Solar	98.59	91.01	-7.58	-7.69
Adani SB Energy Four Pvt. Ltd.( SE4PL(Kilaj Solar))	Solar	10.16	9.70	-0.46	-4.53
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Solar	36.84	35.70	-1.14	-3.09
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Solar	55.92	52.82	-3.10	-5.54
Adept_ Renewable	Solar	27.00	24.42	-2.58	-9.56
Avaada Sunrays Energy Private Limited	Solar	65.38	65.06	-0.32	-0.49
Avaada RJHN Private Limited	Solar	44.50	44.38	-0.12	-0.27
Avaada Sunce Energy Private Limited	Solar	65.11	64.43	-0.68	-1.04
Avaada Sustainable RJ Project Private Ltd.	Solar	57.47	56.24	-1.23	-2.14
Ayana Renewable Three	Solar	41.69	41.14	-0.55	-1.32
Ayana Renewable Three Infirm	Solar	12.77	12.29	-0.48	-3.76
Ayana Renewable Power One Private Limited	Solar	57.13	59.21	2.08	3.64
Azure Power Forty One Private Limited	Solar	58.63	57.63	-1.00	-1.71
Azure Power Forty Three Private Ltd	Solar	116.60	117.10	0.50	0.43
AZURE SOLAR	Solar	31.74	30.76	-0.98	-3.09
Azure Power Maple Pvt Ltd	Solar	50.04	49.07	-0.97	-1.94
AZURE POWER THIRTY FIVE	Solar	24.35	24.28	-0.07	-0.29
Clean Solar Power ( Jodhpur) Pvt Ltd	Solar	50.12	48.77	-1.35	-2.69
Clean Solar Power (Bhadla) Pvt Ldt	Solar	58.88	56.08	-2.80	-4.76
Eden Renewable Cite Private Limited	Solar	59.66	61.24	1.58	2.65
GRIAN ENERGY	Solar	22.76	20.61	-2.15	-9.45
Juniper Green Cosmic PL	Solar	7.88	8.36	0.48	6.09
MEGA SOILS RENEWABLE PRIVATE LIMITED	Solar	47.38	47.74	0.36	0.76
Mega Surya Urja Pvt. Ltd	Solar	46.76	45.35	-1.41	-3.02
M/S. ONEVOLT Energy Private Limited	Solar	23.06	19.36	-3.70	-16.05
Nidan Solar Fatehgarh	Solar	57.11	60.22	3.11	5.45
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Solar	57.78	61.56	3.78	6.54
Renew Solar Power Pvt Ltd	Solar	9.84	9.55	-0.29	-2.95

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

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Renew Solar Power Pvt Ltd. Bikaner	Solar	47.81	47.51	-0.30	-0.63
Renew Solar Urja Pvt Ltd	Solar	56.94	56.95	0.01	0.02
Renew Sun Bright Pvt Ltd	Solar	56.41	58.55	2.14	3.79
Renew Sun Waves Private Limited	Solar	55.76	53.87	-1.89	-3.39
Renew Surya Pratap	Solar	40.41	39.90	-0.51	-1.26
Renew Surya Ravi Pvt Ltd	Solar	55.24	55.98	0.74	1.34
Renew Surya Roshni	Solar	71.33	70.66	-0.67	-0.94
Renew Surya Vihaan	Solar	18.62	19.15	0.53	2.85
Renew Surya Ayaan	Solar	57.22	58.03	0.81	1.42
Rising Sun Energy	Solar	37.58	36.68	-0.90	-2.39
Serentica Renewables	Solar	39.87	40.81	0.94	2.36
Tata Power Green Energy Limited	Solar	40.63	39.77	-0.86	-2.12
Tata Power Renewable Energy Ltd	Solar	57.14	54.07	-3.07	-5.37
TESEPL	Solar	10.97	10.51	-0.46	-4.19
Thar Surya 1	Solar	58.49	59.00	0.51	0.87
TPSL Banderwala	Solar	41.37	38.41	-2.96	-7.15
TPSL BKN2 INF	Solar	20.05	18.92	-1.13	-5.64
Tata Power SAURYA Limited	Solar	19.38	18.64	-0.74	-3.82
Transition Renewable Energy	Solar	19.57	18.30	-1.27	-6.49
Transition Green Energy	Solar	24.19	21.24	-2.95	-12.20
<b>Western Region</b>					
Beempow Energy	Solar	42.99	35.46	-7.53	-17.52
Arinsun Solar (Barsaitadesh)	Solar	35.29	33.19	-2.10	-5.95
Mahindra Solar (Badwar)	Solar	34.70	30.17	-4.53	-13.05
AVAADA_AGAR_RUMS	Solar	32.62	30.15	-2.47	-7.57
Athena_RUMS	Solar	34.80	29.22	-5.58	-16.03
Masaya BWSPRA_KNDW	Solar	40.31	38.72	-1.59	-3.94
NTPC_REL_SJPR_RUMS	Solar	0.00	0.27	0.27	0.00
Sherisha Raipur	Solar	7.02	6.49	-0.53	-7.55
Solapur Solar	Solar	1.36	1.44	0.08	5.88

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

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
AREH4L_PSS1	Solar	217.20	221.65	4.45	2.05
Electro Solaire Private Limited (ESPL RSP Solar)	Solar	38.23	37.59	-0.64	-1.67
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Solar	19.81	19.15	-0.66	-3.33
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Solar	19.71	19.46	-0.25	-1.27
RPL_SECI-II	Solar	47.30	40.78	-6.52	-13.78
Kawas NTPC	Solar	8.09	6.99	-1.10	-13.60
Gandhar_Solar	Solar	2.60	2.50	-0.10	-3.85
GSECL RSP	Solar	6.29	7.27	0.98	15.58
AGE25BL_PSS2_KPS1_SI	Solar	144.61	142.45	-2.16	-1.49
AGE24AL	Solar	97.52	99.51	1.99	2.04
Alfanar	Wind	59.37	53.56	-5.81	-9.79
AWEK1L WIND (RATADIYA)	Wind	114.15	90.97	-23.18	-20.31
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Wind	65.64	61.47	-4.17	-6.35
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Wind	77.31	70.16	-7.15	-9.25
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Wind	47.34	43.40	-3.94	-8.32
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Wind	55.66	52.19	-3.47	-6.23
GSECL_PH2	Wind	14.31	13.73	-0.58	-4.05
Ostro Kutch Wind Private Limited (OKWPL)	Wind	57.68	52.10	-5.58	-9.67
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Wind	21.62	16.64	-4.98	-23.03
Avikiran Solar India Private Limited (ASIPL), Baranda	Wind	34.67	34.69	0.02	0.06
Apraava Khkrda Jam	Wind	46.70	41.45	-5.25	-11.24
Netra Kotda	Wind	34.84	28.84	-6.00	-17.22
Powerica Wind	Wind	10.78	9.82	-0.96	-8.91
Torrent Sidpur Jam	Wind	21.22	17.46	-3.76	-17.72
SITAC	Wind	80.26	78.21	-2.05	-2.55
SRIJAN	Wind	26.73	23.30	-3.43	-12.83
NVWEPL_DAYAPAR_BHJ_W	Wind	63.01	49.56	-13.45	-21.35

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

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
SGEL RSP	Wind	14.13	13.72	-0.41	-2.90
<b>Southern Region</b>					
Beetam(Tuticorin)	Wind	99.51	99.23	-0.28	-0.28
GRTJIPL	Solar	28.99	30.07	1.08	3.73
Mytra	Wind	97.22	95.16	-2.06	-2.12
Orange	Wind	78.85	79.61	0.76	0.96
Green Infra	Wind	105.16	102.79	-2.37	-2.25
Hiriyur Ostro	Wind	111.74	106.32	-5.42	-4.85
Sprng Renewable Energy Pvt Ltd(Pugalur)	Wind	117.09	84.56	-32.53	-27.78
JSW Renew Energy Two Limited ( Tuticorin)	Wind	92.51	84.84	-7.67	-8.29
JSW Savlaperi	Wind	72.51	70.93	-1.58	-2.18
Ettayapuram NTPC	Solar	47.76	45.20	-2.56	-5.36
ARPSPL KOPPAL	Wind	95.06	89.26	-5.80	-6.10
RSOPL KOPPAL	Wind	99.81	92.68	-7.13	-7.14
RSOPL KOPPAL infirm	Wind	7.54	6.38	-1.16	-15.38
RSRPL KOPPAL	Wind	86.52	84.26	-2.26	-2.61
Serentica_koppal	Wind	25.51	23.59	-1.92	-7.53
Ramagundam Floating Solar	Solar	16.36	15.76	-0.60	-3.67
Simhadri Floating Solar	Solar	1.96	1.84	-0.12	-6.12

**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 September 2024**

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of September 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)			
<b>NORTHERN REGION</b>								
Chandigarh	0.00	0.00	0.00	0.00	0.60	0.60	0.60	100.00
Delhi	0.00	252.58	0.00	0.00	63.31	63.31	315.89	20.04
Haryana	2624.33	0.00	0.00	0.00	179.34	179.34	2803.67	6.40
HP	0.00	0.00	0.00	5043.18	487.35	5530.53	5530.53	100.00
J & K	0.00	0.00	0.00	1818.78	40.82	1859.60	1859.60	100.00
Ladakh	0.00	0.00	0.00	57.73	0.00	57.73	57.73	100.00
Punjab	2993.82	0.00	0.00	458.19	253.61	711.80	3705.62	19.21
Rajasthan	5063.18	64.11	626.03	81.43	4434.90	5142.36	10269.65	50.07
Uttar Pradesh	12415.46	110.24	300.19	278.34	390.80	969.33	13495.03	7.18
Uttarakhand	0.00	0.00	0.00	2377.30	77.81	2455.11	2455.11	100.00
<b>Northern Region Total</b>	<b>23096.79</b>	<b>426.93</b>	<b>926.22</b>	<b>10114.95</b>	<b>5928.54</b>	<b>16969.71</b>	<b>40493.43</b>	<b>41.91</b>
<b>WESTERN REGION</b>								
Chhattisgarh	12055.16	0.00	0.00	84.33	271.46	355.79	12410.95	2.87
Gujarat	4797.18	773.88	1034.83	1251.19	3054.53	5340.55	10911.61	48.94
Madhya Pradesh	10503.71	0.00	0.00	1417.15	889.28	2306.43	12810.14	18.00
Maharashtra	9866.00	469.68	778.82	558.56	1375.53	2712.91	13048.59	20.79
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.27	2.27	2.27	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
<b>Western Region Total</b>	<b>37222.05</b>	<b>1243.56</b>	<b>1813.65</b>	<b>3311.23</b>	<b>5598.50</b>	<b>10723.38</b>	<b>49188.99</b>	<b>21.80</b>
<b>SOUTHERN REGION</b>								
Andhra Pradesh	5395.40	0.00	0.00	538.22	1738.68	2276.90	7672.30	29.68

## Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of September 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	4385.10	0.00	0.00	1271.43	556.70	1828.13	6213.23	29.42
Karnataka	2543.33	0.00	605.75	1621.24	3271.87	5498.86	8042.19	68.38
Kerala	0.00	0.00	0.00	711.75	263.55	975.30	975.30	100.00
Tamil Nadu	6079.50	131.22	1580.82	609.40	4632.60	6822.82	13033.54	52.35
Lakshadweep	5.27	0.00	0.00	0.00	0.01	0.01	5.28	0.14
Puducherry	0.00	17.24	0.00	0.00	1.02	1.02	18.26	5.59
<b>Southern Region Total</b>	<b>18408.60</b>	<b>148.46</b>	<b>2186.57</b>	<b>4752.04</b>	<b>10464.42</b>	<b>17403.03</b>	<b>35960.09</b>	<b>48.40</b>
<b>EASTERN REGION</b>								
Andaman Nicobar	29.63	0.00	0.00	0.00	3.36	3.36	32.99	10.19
Bihar	4786.03	0.00	0.00	0.00	32.38	32.38	4818.41	0.67
Jharkhand	2895.91	0.00	0.00	65.11	1.62	66.73	2962.64	2.25
Odisha	5326.70	0.00	0.00	934.84	127.03	1061.87	6388.57	16.62
Sikkim	0.00	0.00	0.00	286.24	1.03	287.27	287.27	100.00
West Bengal	7456.16	0.00	0.00	308.89	157.46	466.35	7922.51	5.89
<b>Eastern Region Total</b>	<b>20494.43</b>	<b>0.00</b>	<b>0.00</b>	<b>1595.08</b>	<b>322.88</b>	<b>1917.96</b>	<b>22412.39</b>	<b>8.56</b>
<b>NORTH-EASTERN REGION</b>								
Arunachal Pradesh	0.00	0.00	0.00	439.98	0.17	440.15	440.15	100.00
Assam	435.58	261.78	0.00	110.50	46.27	156.77	854.13	18.35
Manipur	0.00	0.00	0.00	73.48	0.70	74.19	74.19	100.00
Meghalaya	0.00	0.00	0.00	91.91	13.62	105.53	105.53	100.00
Mizoram	0.00	0.00	0.00	39.73	5.12	44.85	44.85	100.00
Nagaland	0.00	0.00	0.00	45.35	15.37	60.72	60.72	100.00
Tripura	0.00	413.11	0.00	0.00	0.44	0.44	413.55	0.11
<b>North Eastern Region Total</b>	<b>435.58</b>	<b>674.89</b>	<b>0.00</b>	<b>800.95</b>	<b>81.71</b>	<b>882.66</b>	<b>1993.13</b>	<b>44.28</b>
<b>All India Total</b>	<b>99657.45</b>	<b>2493.84</b>	<b>4926.44</b>	<b>20574.25</b>	<b>22396.05</b>	<b>47896.74</b>	<b>150048.03</b>	<b>31.92</b>

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

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – September 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)			
<b>NORTHERN REGION</b>								
Chandigarh	0.00	0.00	0.00	0.00	5.49	5.49	5.49	100.00
Delhi	0.00	2906.85	0.00	0.00	385.42	385.42	3292.27	11.71
Haryana	16645.85	215.37	0.00	0.00	1058.64	1058.64	17919.86	5.91
HP	0.00	0.00	0.00	29893.24	2133.58	32026.82	32026.82	100.00
J & K	0.00	0.00	0.00	11784.71	301.50	12086.21	12086.21	100.00
Ladakh	0.00	0.00	0.00	302.11	0.00	302.11	302.11	100.00
Punjab	18631.64	0.00	0.00	2587.36	1654.38	4241.74	22873.38	18.54
Rajasthan	32213.11	569.32	3735.72	167.65	28636.08	32539.45	65321.88	49.81
Uttar Pradesh	84270.02	1071.09	1834.45	605.79	2871.45	5311.69	90652.80	5.86
Uttarakhand	0.00	836.59	0.00	9938.08	466.86	10404.94	11241.53	92.56
<b>Northern Region Total</b>	<b>151760.62</b>	<b>5599.22</b>	<b>5570.17</b>	<b>55278.94</b>	<b>37513.40</b>	<b>98362.51</b>	<b>255722.35</b>	<b>38.46</b>
<b>WESTERN REGION</b>								
Chhattisgarh	81862.13	0.00	0.00	198.62	1518.25	1716.87	83579.00	2.05
Gujarat	43042.68	7063.06	6140.26	3505.11	24141.74	33787.11	83892.85	40.27
Madhya Pradesh	71525.56	0.00	0.00	4604.24	6081.18	10685.42	82210.98	13.00
Maharashtra	65270.85	3281.69	4705.62	3119.25	9791.14	17616.01	86168.55	20.44
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	13.45	13.45	13.45	100.00
Goa	0.00	0.00	0.00	0.00	32.62	32.62	32.62	100.00
<b>Western Region Total</b>	<b>261701.22</b>	<b>10344.75</b>	<b>10845.88</b>	<b>11427.22</b>	<b>41578.38</b>	<b>63851.48</b>	<b>335897.45</b>	<b>19.01</b>
<b>SOUTHERN REGION</b>								
Andhra Pradesh	35872.10	30.97	0.00	1705.04	9510.79	11215.83	47118.90	23.80
Telangana	27979.34	0.00	0.00	2787.60	3666.77	6454.37	34433.71	18.74
Karnataka	21281.82	0.00	3890.84	6115.43	18073.24	28079.51	49361.33	56.89
Kerala	1.53	0.00	0.00	4087.43	1435.23	5522.66	5524.19	99.97

**Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – September 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	38224.92	869.47	8019.73	2187.64	21179.22	31386.59	70480.98	44.53
Lakshadweep	33.90	0.00	0.00	0.00	0.05	0.05	33.95	0.14
Puducherry	0.00	105.41	0.00	0.00	6.12	6.12	111.53	5.49
<b>Southern Region Total</b>	<b>123393.61</b>	<b>1005.85</b>	<b>11910.57</b>	<b>16883.14</b>	<b>53871.41</b>	<b>82665.12</b>	<b>207064.58</b>	<b>39.92</b>
<b>EASTERN REGION</b>								
Andaman Nicobar	186.89	0.00	0.00	0.00	19.51	19.51	206.40	9.45
Bihar	30491.65	0.00	0.00	0.00	176.93	176.93	30668.58	0.58
Jharkhand	20031.88	0.00	0.00	151.61	9.82	161.43	20193.31	0.80
Odisha	32530.19	0.00	0.00	3332.62	667.20	3999.82	36530.01	10.95
Sikkim	0.00	0.00	0.00	1367.07	6.18	1373.25	1373.25	100.00
West Bengal	46338.02	0.00	0.00	1517.08	944.50	2461.58	48799.60	5.04
<b>Eastern Region Total</b>	<b>129578.63</b>	<b>0.00</b>	<b>0.00</b>	<b>6368.38</b>	<b>1824.14</b>	<b>8192.52</b>	<b>137771.15</b>	<b>5.95</b>
<b>NORTH-EASTERN REGION</b>								
Arunachal Pradesh	0.00	0.00	0.00	2649.97	0.80	2650.78	2650.78	100.00
Assam	2567.29	1693.73	0.00	619.23	289.46	908.69	5169.71	17.58
Manipur	0.00	0.00	0.00	348.27	4.27	352.54	352.54	100.00
Meghalaya	0.00	0.00	0.00	675.14	77.94	753.08	753.08	100.00
Mizoram	0.00	0.00	0.00	151.65	43.63	195.28	195.28	100.00
Nagaland	0.00	0.00	0.00	179.37	52.18	231.55	231.55	100.00
Tripura	0.00	2529.10	0.00	0.00	2.83	2.83	2531.93	0.11
<b>North Eastern Region Total</b>	<b>2567.29</b>	<b>4222.83</b>	<b>0.00</b>	<b>4623.63</b>	<b>471.11</b>	<b>5094.74</b>	<b>11884.86</b>	<b>42.87</b>
<b>All India Total</b>	<b>669001.37</b>	<b>21172.65</b>	<b>28326.62</b>	<b>94581.31</b>	<b>135258.44</b>	<b>258166.37</b>	<b>948340.39</b>	<b>27.22</b>

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

Renewable Energy (State Wise) Generation(MU) for the Month of September 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)			
<b>NORTHERN REGION</b>								
Chandigarh	0.00	0.00	0.00	0.00	0.60	0.60	0.60	100.00
Delhi	0.00	252.58	0.00	0.00	63.31	63.31	315.89	20.04
Haryana	2624.33	0.00	0.00	0.00	179.34	179.34	2803.67	6.40
HP	0.00	0.00	0.00	5043.18	487.35	5530.53	5530.53	100.00
J & K	0.00	0.00	0.00	1818.78	40.82	1859.60	1859.60	100.00
Ladakh	0.00	0.00	0.00	57.73	0.00	57.73	57.73	100.00
Punjab	2993.82	0.00	0.00	458.19	253.61	711.80	3705.62	19.21
Rajasthan	5063.18	64.11	626.03	81.43	4434.90	4516.33	10269.65	43.98
Uttar Pradesh	12415.46	110.24	300.19	278.34	390.80	669.14	13495.03	4.96
Uttarakhand	0.00	0.00	0.00	2377.30	77.81	2455.11	2455.11	100.00
<b>Northern Region Total</b>	<b>23096.79</b>	<b>426.93</b>	<b>926.22</b>	<b>10114.95</b>	<b>5928.54</b>	<b>16043.49</b>	<b>40493.43</b>	<b>39.62</b>
<b>WESTERN REGION</b>								
Chhattisgarh	12055.16	0.00	0.00	84.33	271.46	355.79	12410.95	2.87
Gujarat	4797.18	773.88	1034.83	1251.19	3054.53	4305.72	10911.61	39.46
Madhya Pradesh	10503.71	0.00	0.00	1417.15	889.28	2306.43	12810.14	18.00
Maharashtra	9866.00	469.68	778.82	558.56	1375.53	1934.09	13048.59	14.82
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.27	2.27	2.27	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
<b>Western Region Total</b>	<b>37222.05</b>	<b>1243.56</b>	<b>1813.65</b>	<b>3311.23</b>	<b>5598.50</b>	<b>8909.73</b>	<b>49188.99</b>	<b>18.11</b>
<b>SOUTHERN REGION</b>								
Andhra Pradesh	5395.40	0.00	0.00	538.22	1738.68	2276.90	7672.30	29.68
Telangana	4385.10	0.00	0.00	1271.43	556.70	1828.13	6213.23	29.42
Karnataka	2543.33	0.00	605.75	1621.24	3271.87	4893.11	8042.19	60.84

Renewable Energy (State Wise) Generation(MU) for the Month of September 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	711.75	263.55	975.30	975.30	100.00
Tamil Nadu	6079.50	131.22	1580.82	609.40	4632.60	5242.00	13033.54	40.22
Lakshadweep	5.27	0.00	0.00	0.00	0.01	0.01	5.28	0.14
Puducherry	0.00	17.24	0.00	0.00	1.02	1.02	18.26	5.59
<b>Southern Region Total</b>	<b>18408.60</b>	<b>148.46</b>	<b>2186.57</b>	<b>4752.04</b>	<b>10464.42</b>	<b>15216.46</b>	<b>35960.09</b>	<b>42.31</b>
<b>EASTERN REGION</b>								
Andaman Nicobar	29.63	0.00	0.00	0.00	3.36	3.36	32.99	10.19
Bihar	4786.03	0.00	0.00	0.00	32.38	32.38	4818.41	0.67
Jharkhand	2895.91	0.00	0.00	65.11	1.62	66.73	2962.64	2.25
Odisha	5326.70	0.00	0.00	934.84	127.03	1061.87	6388.57	16.62
Sikkim	0.00	0.00	0.00	286.24	1.03	287.27	287.27	100.00
West Bengal	7456.16	0.00	0.00	308.89	157.46	466.35	7922.51	5.89
<b>Eastern Region Total</b>	<b>20494.43</b>	<b>0.00</b>	<b>0.00</b>	<b>1595.08</b>	<b>322.88</b>	<b>1917.96</b>	<b>22412.39</b>	<b>8.56</b>
<b>NORTH-EASTERN REGION</b>								
Arunachal Pradesh	0.00	0.00	0.00	439.98	0.17	440.15	440.15	100.00
Assam	435.58	261.78	0.00	110.50	46.27	156.77	854.13	18.35
Manipur	0.00	0.00	0.00	73.48	0.70	74.19	74.19	100.00
Meghalaya	0.00	0.00	0.00	91.91	13.62	105.53	105.53	100.00
Mizoram	0.00	0.00	0.00	39.73	5.12	44.85	44.85	100.00
Nagaland	0.00	0.00	0.00	45.35	15.37	60.72	60.72	100.00
Tripura	0.00	413.11	0.00	0.00	0.44	0.44	413.55	0.11
<b>North Eastern Region Total</b>	<b>435.58</b>	<b>674.89</b>	<b>0.00</b>	<b>800.95</b>	<b>81.71</b>	<b>882.66</b>	<b>1993.13</b>	<b>44.28</b>
<b>All India Total</b>	<b>99657.45</b>	<b>2493.84</b>	<b>4926.44</b>	<b>20574.25</b>	<b>22396.05</b>	<b>42970.30</b>	<b>150048.03</b>	<b>28.64</b>

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

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- September 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)			
<b>NORTHERN REGION</b>								
Chandigarh	0.00	0.00	0.00	0.00	5.49	5.49	5.49	100.00
Delhi	0.00	2906.85	0.00	0.00	385.42	385.42	3292.27	11.71
Haryana	16645.85	215.37	0.00	0.00	1058.64	1058.64	17919.86	5.91
HP	0.00	0.00	0.00	29893.24	2133.58	32026.82	32026.82	100.00
J & K	0.00	0.00	0.00	11784.71	301.50	12086.21	12086.21	100.00
Ladakh	0.00	0.00	0.00	302.11	0.00	302.11	302.11	100.00
Punjab	18631.64	0.00	0.00	2587.36	1654.38	4241.74	22873.38	18.54
Rajasthan	32213.11	569.32	3735.72	167.65	28636.08	28803.73	65321.88	44.10
Uttar Pradesh	84270.02	1071.09	1834.45	605.79	2871.45	3477.24	90652.80	3.84
Uttarakhand	0.00	836.59	0.00	9938.08	466.86	10404.94	11241.53	92.56
<b>Northern Region Total</b>	<b>151760.62</b>	<b>5599.22</b>	<b>5570.17</b>	<b>55278.94</b>	<b>37513.40</b>	<b>92792.34</b>	<b>255722.35</b>	<b>36.29</b>
<b>WESTERN REGION</b>								
Chhattisgarh	81862.13	0.00	0.00	198.62	1518.25	1716.87	83579.00	2.05
Gujarat	43042.68	7063.06	6140.26	3505.11	24141.74	27646.85	83892.85	32.95
Madhya Pradesh	71525.56	0.00	0.00	4604.24	6081.18	10685.42	82210.98	13.00
Maharashtra	65270.85	3281.69	4705.62	3119.25	9791.14	12910.39	86168.55	14.98
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	13.45	13.45	13.45	100.00
Goa	0.00	0.00	0.00	0.00	32.62	32.62	32.62	100.00
<b>Western Region Total</b>	<b>261701.22</b>	<b>10344.75</b>	<b>10845.88</b>	<b>11427.22</b>	<b>41578.38</b>	<b>53005.60</b>	<b>335897.45</b>	<b>15.78</b>
<b>SOUTHERN REGION</b>								
Andhra Pradesh	35872.10	30.97	0.00	1705.04	9510.79	11215.83	47118.90	23.80
Telangana	27979.34	0.00	0.00	2787.60	3666.77	6454.37	34433.71	18.74
Karnataka	21281.82	0.00	3890.84	6115.43	18073.24	24188.67	49361.33	49.00

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- September 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	4087.43	1435.23	5522.66	5524.19	99.97
Tamil Nadu	38224.92	869.47	8019.73	2187.64	21179.22	23366.86	70480.98	33.15
Lakshadweep	33.90	0.00	0.00	0.00	0.05	0.05	33.95	0.14
Puducherry	0.00	105.41	0.00	0.00	6.12	6.12	111.53	5.49
<b>Southern Region Total</b>	<b>123393.61</b>	<b>1005.85</b>	<b>11910.57</b>	<b>16883.14</b>	<b>53871.41</b>	<b>70754.55</b>	<b>207064.58</b>	<b>34.17</b>
<b>EASTERN REGION</b>								
Andaman Nicobar	186.89	0.00	0.00	0.00	19.51	19.51	206.40	9.45
Bihar	30491.65	0.00	0.00	0.00	176.93	176.93	30668.58	0.58
Jharkhand	20031.88	0.00	0.00	151.61	9.82	161.43	20193.31	0.80
Odisha	32530.19	0.00	0.00	3332.62	667.20	3999.82	36530.01	10.95
Sikkim	0.00	0.00	0.00	1367.07	6.18	1373.25	1373.25	100.00
West Bengal	46338.02	0.00	0.00	1517.08	944.50	2461.58	48799.60	5.04
<b>Eastern Region Total</b>	<b>129578.63</b>	<b>0.00</b>	<b>0.00</b>	<b>6368.38</b>	<b>1824.14</b>	<b>8192.52</b>	<b>137771.15</b>	<b>5.95</b>
<b>NORTH-EASTERN REGION</b>								
Arunachal Pradesh	0.00	0.00	0.00	2649.97	0.80	2650.78	2650.78	100.00
Assam	2567.29	1693.73	0.00	619.23	289.46	908.69	5169.71	17.58
Manipur	0.00	0.00	0.00	348.27	4.27	352.54	352.54	100.00
Meghalaya	0.00	0.00	0.00	675.14	77.94	753.08	753.08	100.00
Mizoram	0.00	0.00	0.00	151.65	43.63	195.28	195.28	100.00
Nagaland	0.00	0.00	0.00	179.37	52.18	231.55	231.55	100.00
Tripura	0.00	2529.10	0.00	0.00	2.83	2.83	2531.93	0.11
<b>North Eastern Region Total</b>	<b>2567.29</b>	<b>4222.83</b>	<b>0.00</b>	<b>4623.63</b>	<b>471.11</b>	<b>5094.74</b>	<b>11884.86</b>	<b>42.87</b>
<b>All India Total</b>	<b>669001.37</b>	<b>21172.65</b>	<b>28326.62</b>	<b>94581.31</b>	<b>135258.44</b>	<b>229839.75</b>	<b>948340.39</b>	<b>24.24</b>



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

RE generation( MUs) data ( source wise) for the month of September-2024 and September-2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy )		Large Hydro	
	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23
<b>NORTHERN REGION</b>														
Chandigarh	0.00	0.00	0.60	0.78	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	46.10	46.48	0.00	0.00
Haryana	0.00	0.00	128.66	99.28	23.50	24.35	0.00	0.00	24.76	28.04	2.42	4.86	0.00	0.00
Himachal Pradesh	0.00	0.00	6.44	4.11	0.00	0.00	0.00	0.00	480.91	344.87	0.00	0.00	5043.18	4733.81
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.82	25.89	0.00	0.00	1818.78	1685.58
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	57.73	60.04
Punjab	0.00	0.00	116.74	313.84	48.71	36.86	2.84	0.00	85.32	88.58	0.00	0.00	458.19	541.49
Rajasthan	440.15	563.54	3969.55	3265.01	25.13	32.89	0.00	0.00	0.07	0.36	0.00	0.00	81.43	96.26
Uttar Pradesh	0.00	0.00	360.95	309.84	0.97	3.26	0.61	8.99	25.46	22.23	2.81	7.10	278.34	108.22
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	2377.30	1740.41
<b>Northern Region</b>	<b>440.15</b>	<b>563.54</b>	<b>4627.80</b>	<b>4037.72</b>	<b>98.32</b>	<b>97.36</b>	<b>24.16</b>	<b>29.70</b>	<b>686.79</b>	<b>539.41</b>	<b>51.33</b>	<b>58.44</b>	<b>10114.95</b>	<b>8965.81</b>
<b>WESTERN REGION</b>														
Chhattisgarh	0.00	0.00	121.23	94.17	119.69	101.21	0.00	0.00	30.54	30.89	0.00	0.00	84.33	55.27
Gujarat	1548.55	1974.44	1490.92	1005.11	2.12	0.00	0.00	0.00	12.94	18.37	0.00	0.00	1251.19	769.40
Madhya Pradesh	378.14	423.41	438.38	250.87	6.24	7.22	0.00	0.00	62.60	56.10	3.92	1.30	1417.15	904.67
Maharashtra	700.78	919.47	530.16	395.79	19.66	29.19	2.00	1.29	118.03	75.89	4.90	0.01	558.56	423.34
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.94	1.06	1.17	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	4.76	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.00

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy )		Large Hydro	
	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23
<b>Western Region</b>	2627.47	3317.32	2586.60	1751.86	148.84	138.75	2.00	1.29	224.10	181.25	9.50	1.99	3311.23	2152.68
<b>SOUTHERN REGION</b>														
<b>Andhra Pradesh</b>	1048.53	1016.72	629.47	628.49	0.87	0.48	1.71	1.60	31.85	8.22	26.25	23.89	538.22	117.75
<b>Telangana</b>	27.84	22.93	493.49	463.85	0.00	0.02	0.00	0.00	12.57	8.64	22.80	9.03	1271.43	153.33
<b>Karnataka</b>	1608.47	1197.17	1216.20	1134.95	0.96	3.84	64.54	57.62	381.70	228.42	0.00	0.00	1621.24	825.63
<b>Kerala</b>	18.46	20.92	133.74	96.46	0.00	0.00	0.00	7.11	104.20	99.68	7.15	0.00	711.75	260.61
<b>Tamil Nadu</b>	3099.70	2712.23	1468.38	1007.69	9.13	12.23	26.17	41.08	29.21	22.69	0.00	0.00	609.40	390.79
<b>Lakshadweep</b>	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
<b>Puducherry</b>	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
<b>Southern Region</b>	<b>5803.00</b>	<b>4969.96</b>	<b>3942.31</b>	<b>3332.48</b>	<b>10.96</b>	<b>16.57</b>	<b>92.42</b>	<b>107.41</b>	<b>559.53</b>	<b>367.65</b>	<b>56.20</b>	<b>32.92</b>	<b>4752.04</b>	<b>1748.11</b>
<b>EASTERN REGION</b>														
<b>Andaman Nicobar</b>	0.00	0.00	1.62	1.08	0.00	0.00	0.00	0.00	1.74	1.62	0.00	0.00	0.00	0.00
<b>Bihar</b>	0.00	0.00	28.17	10.24	0.00	0.00	0.00	0.17	4.21	1.32	0.00	0.00	0.00	0.00
<b>Jharkhand</b>	0.00	0.00	1.47	1.47	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	65.11	31.81
<b>Odisha</b>	0.00	0.00	57.35	48.17	0.03	10.45	0.00	0.00	69.66	73.82	0.00	0.00	934.84	707.32
<b>Sikkim</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	1.03	0.00	0.00	286.24	1505.92
<b>West Bengal</b>	0.00	0.00	24.84	8.61	0.00	0.00	0.00	0.00	16.40	22.19	116.21	121.20	308.89	350.68
<b>Eastern Region</b>	<b>0.00</b>	<b>0.00</b>	<b>113.44</b>	<b>69.56</b>	<b>0.03</b>	<b>10.45</b>	<b>0.00</b>	<b>0.17</b>	<b>93.19</b>	<b>99.97</b>	<b>116.21</b>	<b>121.20</b>	<b>1595.08</b>	<b>2595.73</b>

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy )		Large Hydro	
	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23	September' 24	September' 23
<b>NORTH-EASTERN REGION</b>														
Arunachal Pradesh	0.00	0.00	0.12	0.19	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.00	439.98	492.12
Assam	0.00	0.00	27.86	27.78	0.00	0.00	0.00	0.00	18.39	5.29	0.02	0.01	110.50	129.70
Manipur	0.00	0.00	0.71	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.48	69.72
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.62	7.03	0.00	0.00	91.91	123.24
Mizoram	0.00	0.00	3.33	0.27	0.00	0.00	0.00	0.00	1.79	7.99	0.00	0.00	39.73	12.16
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.37	13.47	0.00	0.00	45.35	33.48
Tripura	0.00	0.00	0.44	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>North Eastern Region</b>	<b>0.00</b>	<b>0.00</b>	<b>32.47</b>	<b>29.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>49.21</b>	<b>33.84</b>	<b>0.02</b>	<b>0.01</b>	<b>800.95</b>	<b>860.42</b>
<b>All India Total</b>	<b>8870.62</b>	<b>8850.82</b>	<b>11302.62</b>	<b>9220.78</b>	<b>258.15</b>	<b>263.13</b>	<b>118.58</b>	<b>138.56</b>	<b>1612.83</b>	<b>1222.11</b>	<b>233.26</b>	<b>214.56</b>	<b>20574.25</b>	<b>16322.75</b>

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

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23
<b>NORTHERN REGION</b>														
Chandigarh	0.00	0.00	5.49	7.54	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	103.27	103.27	0.00	0.00	0.00	0.00	0.00	0.00	282.15	245.19	0.00	0.00
Haryana	0.00	0.00	723.56	393.80	167.65	158.06	44.60	51.24	93.36	109.49	29.47	30.00	0.00	0.00
Himachal Pradesh	0.00	0.00	43.67	29.62	0.00	0.00	0.00	0.00	2089.91	1847.80	0.00	0.00	29893.24	26718.14
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	301.50	285.47	0.00	0.00	11784.71	11915.36
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	302.11	277.73
Punjab	0.00	0.00	756.26	1956.10	317.93	275.70	129.78	44.04	450.41	399.75	0.00	0.00	2587.36	2859.53
Rajasthan	4332.92	5407.76	24114.88	19700.84	187.47	176.24	0.00	0.00	0.80	0.63	0.00	0.00	167.65	292.57
Uttar Pradesh	0.00	0.00	2470.96	2076.03	15.12	19.43	285.51	588.70	80.76	73.31	19.10	68.32	605.79	508.52
Uttarakhand	0.00	0.00	165.90	165.90	0.00	0.00	124.26	124.26	176.70	176.70	0.00	0.00	9938.08	9229.21
<b>Northern Region</b>	<b>4332.92</b>	<b>5407.76</b>	<b>28383.99</b>	<b>24433.09</b>	<b>688.17</b>	<b>629.43</b>	<b>584.15</b>	<b>808.24</b>	<b>3193.45</b>	<b>2893.15</b>	<b>330.72</b>	<b>343.51</b>	<b>55278.94</b>	<b>51801.06</b>
<b>WESTERN REGION</b>														
Chhattisgarh	0.00	0.00	719.42	386.60	713.91	693.27	3.35	4.55	81.56	90.29	0.00	0.00	198.62	185.49
Gujarat	15332.50	15597.76	8709.70	6192.24	10.83	0.00	0.00	0.00	88.71	94.97	0.00	0.00	3505.11	2598.27
Madhya Pradesh	2986.84	3206.58	2774.03	1753.13	23.29	44.66	37.35	9.93	230.48	232.50	29.19	11.59	4604.24	3799.83
Maharashtra	5560.89	6123.87	3232.40	2691.04	137.86	154.77	397.38	338.06	417.99	502.38	44.62	0.13	3119.25	3276.90
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	7.51	7.26	5.94	6.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	28.55	31.44	0.00	0.00	0.00	0.00	0.00	0.00	4.07	3.89	0.00	0.00

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23
Western Region	23880.23	24928.21	15471.62	11061.71	891.83	899.01	438.08	352.55	818.74	920.14	77.88	15.60	11427.22	9860.49
<b>SOUTHERN REGION</b>														
Andhra Pradesh	5298.31	6138.82	3976.12	4115.71	7.42	10.69	10.17	12.47	59.64	72.35	159.13	153.04	1705.04	742.02
Telangana	187.01	185.80	3319.24	3333.37	5.39	2.22	0.05	11.43	27.18	26.06	127.89	68.16	2787.60	761.26
Karnataka	9043.78	7415.45	7367.59	7508.94	5.41	34.25	422.62	549.73	1233.83	832.90	0.00	0.00	6115.43	5567.02
Kerala	83.53	177.08	789.26	554.02	0.00	0.00	20.53	40.69	519.63	390.38	22.28	0.02	4087.43	2799.12
Tamil Nadu	13062.50	13365.86	7750.94	5971.91	57.38	61.11	192.65	310.44	115.75	75.34	0.00	0.00	2187.64	1946.65
Lakshadweep	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	6.12	6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	27675.13	27283.01	23209.32	21490.13	75.60	108.27	646.03	924.76	1956.03	1397.03	309.30	221.22	16883.14	11816.07
<b>EASTERN REGION</b>														
Andaman Nicobar	0.00	0.00	12.04	12.08	0.00	0.00	0.00	0.00	7.48	4.76	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	163.38	90.28	0.00	0.00	1.65	36.31	11.90	4.20	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	8.82	8.82	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	151.61	69.36
Odisha	0.00	0.00	379.56	355.81	31.04	46.16	0.00	0.00	256.61	248.69	0.00	0.00	3332.62	3411.40
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	6.18	0.00	0.00	1367.07	7959.04
West Bengal	0.00	0.00	128.79	67.31	0.00	0.00	0.00	0.00	89.99	112.16	725.72	774.03	1517.08	1797.68
Eastern Region	0.00	0.00	692.58	534.31	31.04	46.16	1.65	36.31	373.14	375.97	725.72	774.03	6368.38	13237.48
<b>NORTH-EASTERN REGION</b>														

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23	Apr'24-Sept'24	Apr'23-Sept'23
Arunachal Pradesh	0.00	0.00	0.52	1.13	0.00	0.00	0.00	0.00	0.29	0.36	0.00	0.00	2649.97	2879.06
Assam	0.00	0.00	155.98	155.98	0.00	0.00	0.00	0.00	133.27	39.65	0.20	0.15	619.23	283.90
Manipur	0.00	0.00	4.27	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	348.27	133.12
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.94	32.51	0.00	0.00	675.14	546.83
Mizoram	0.00	0.00	8.08	1.59	0.00	0.00	0.00	0.00	35.55	47.96	0.00	0.00	151.65	44.39
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.18	51.98	0.00	0.00	179.37	126.53
Tripura	0.00	0.00	2.83	2.52	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	171.67	165.14	0.00	0.00	0.00	0.00	299.24	172.46	0.20	1.38	4623.63	4013.83
All India Total	55888.29	57618.98	67929.19	57684.38	1686.64	1682.87	1669.90	2121.86	6640.59	5758.75	1443.82	1355.74	94581.31	90728.93



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