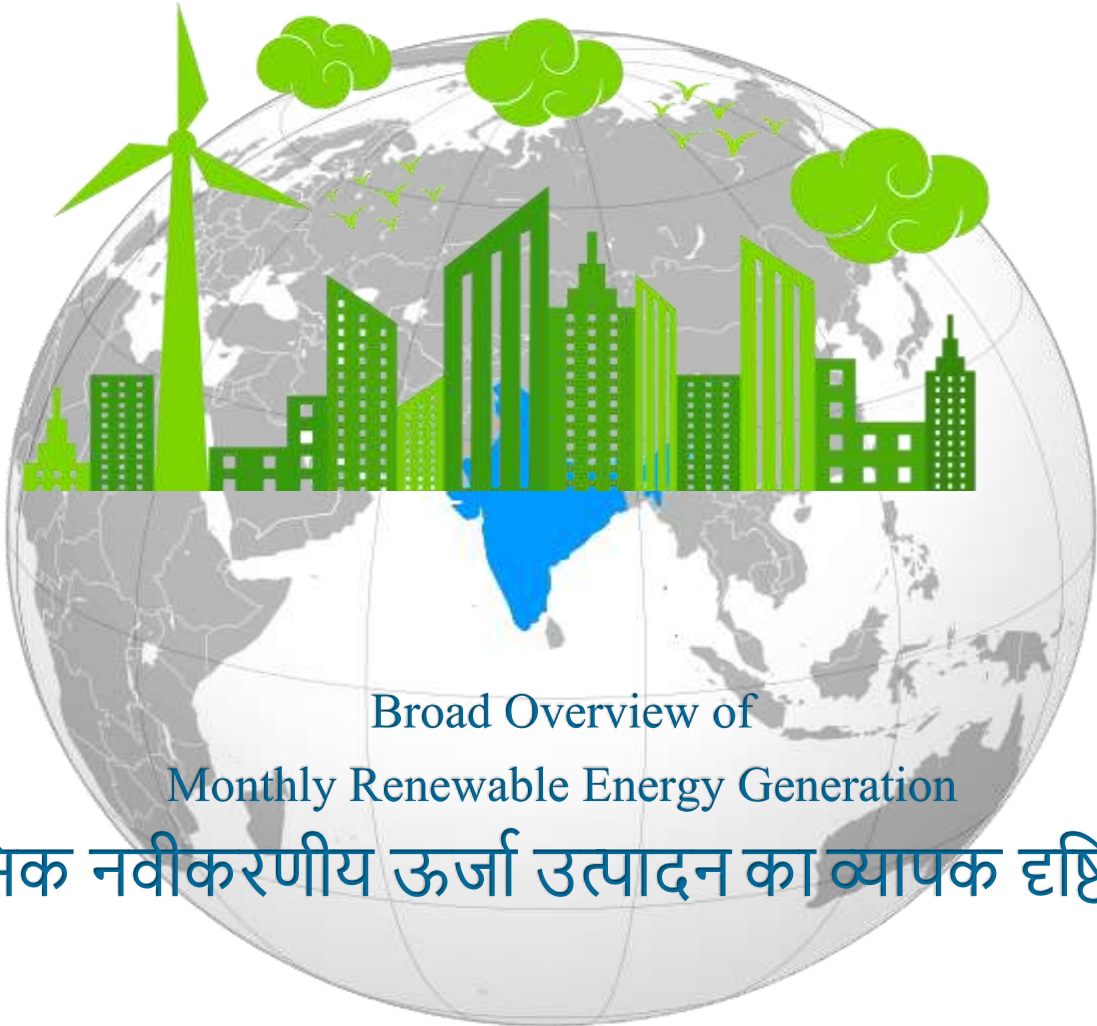




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority



Broad Overview of
Monthly Renewable Energy Generation

मासिक नवीकरणीय ऊर्जा उत्पादन का व्यापक दृष्टिकोण

November-2024/नवंबर-2024

नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

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Renewable Energy at a Glance

A. Year wise details of Installed Capacity

As On	Non RES Installed Capacity (MW)	RES Installed Capacity (MW)	Large Hydro Installed Capacity (MW)	RES including Large Hydro Installed Capacity (MW)	Total Installed Capacity (MW)	Percentage of RE to total Installed Capacity	Incremental RE Capacity in MW (Excluding Large Hydro)
31-Mar-14	173035	34988	40531	75519	248554	30	
31-Mar-15	194678	38959	41267	80227	274904	29	3971
31-Mar-16	216455	45924	42783	88707	305163	29	6965
31-Mar-17	225110	57244	44478	101723	326833	31	11320
31-Mar-18	229687	69022	45293	114316	344002	33	11778
31-Mar-19	233059	77642	45399	123041	356100	35	8619
31-Mar-20	237380	87028	45699	132727	370106	36	9386
31-Mar-21	236870	94434	46209	140643	377513	37	7406
31-Mar-22	236392	109885	46723	156608	393000	40	15452
31-Mar-23	244049	125160	46850	172010	416059	41	15274
31-Mar-24	251397	143645	46928	190573	441970	43	18485
30-Nov-24	251237	158552	46968	205521	456757	45	

B. Year wise details of Electricity generation

Year	Conventional Generation # (BU)	RES Generation (BU)	Large Hydro Generation (BU)	RES including Large Hydro Generation (BU)	Total Generation (BU)	Percentage of RE(Excluding Large Hydro) to total Generation	% Growth RES Generation (Excluding Large Hydro)
2013-14	832	53	135	188	1020	5	
2014-15	919	62	129	191	1110	6	16%
2015-16	986	66	121	187	1174	6	7%
2016-17	1038	82	122	204	1242	7	24%
2017-18	1080	102	126	228	1308	8	25%
2018-19	1114	127	135	262	1376	9	24%
2019-20	1095	138	156	294	1389	10	9%
2020-21	1084	147	150	298	1382	11	6%
2021-22	1169	171	152	323	1492	11	16%
2022-23	1252	204	162	366	1618	13	19%
2023-24	1374	226	134	360	1734	13	11%
2024-25 (upto Nov -24)	952	170	118	287	1239	14	

C. Year wise RE Generation

Year	Wind (MU)	Solar (MU)	Biomass (MU)	Bagasse (MU)	Small Hydro (MU)	Others (MU)	Large Hydro (MU)	Total RE including Large Hydro(MU)
2019-20	64646	50131	2938	10804	9451	366	155769	294106
2020-21	60150	60402	3513	11303	10258	1621	150300	297547
2021-22	68640	73484	3483	12574	10464	2268	151627	322540
2022-23	71814	102014	3161	12863	11171	2529	162099	365651
2023-24	83385	115975	3417	10826	9485	2747	134054	359889
2024- 25(Nov 2024)	62236	91432	2346	2817	8959	1926	117668	287384

Sector-wise Achievement as on 30/11/2024				
Sector	Installed capacity (GW)	Under Implementation (GW)	Tendered (GW)	Total Installed/ Pipeline (GW)
Solar Power*	94.17	114.22	52.76	261.15
Wind Power	47.96	25.88	0.60	74.44
Bio Energy#	11.34	0.00	0.00	11.34
Small Hydro	5.08	0.46	0.00	5.54
Hybrid/ Round the Clock (RTC)/ Peaking Power/ Thermal + RE Bundling	0	0.00	30.93	30.93
Sub-Total	158.55	140.56	84.29	383.40
Large Hydro^	46.97	20.05	0.00	67.02
Total	205.52	160.61	84.29	450.42
Nuclear Power	8.18	7.3	7.00\$	22.48
Total Non-Fossil Fuel	213.70	167.91	91.29	472.90

(*94.17 GW includes 72.14 GW from Ground Mounted, 15.16 GW from Rooftop, 2.76 GW from Solar Comp. of Hybrid Projects & 4.10 GW from Off-Grid Solar)

#Includes Waste to Energy off grid capacity of 0.36 GW

^Large Hydro includes 4745.60 MW Pumped Storage

\$Projects accorded for Administrative Approval

Capacity addition in 2024-25 (upto November 2024): **14947.88 MW**

Capacity addition in the month of November 2024: **2305.31 MW**

Source: Ministry of New & Renewable Energy

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Highlights of RE Generation

1. RE capacity addition during November 2024 has been 2305.31 MW (Solar – 2048.65 MW, Wind – 242.41 MW, Waste to energy – 7.25 MW, Small Hydro- 7 MW).
2. All India RE generation during November 2024 has increased by 22.61 % as compared to November 2023.
3. Large Hydro Power generation during November 2024 as compared to November 2023 has increased by 30.35 % on All India Basis except Jammu & Kashmir, Punjab and Maharashtra.
4. Solar Power generation during November 2024 as compared to November 2023 has increased by 43.80 % on All India Basis except Andhra Pradesh, Telangana and Assam.
5. Wind Power generation during November 2024 as compared to November 2023 has decreased by 12.27 % on All India Basis.
6. Biomass Power generation during November 2024 as compared to November 2023 has increased by 15.38 % on All India Basis except Maharashtra.
7. Bagasse power generation during November 2024 as compared to November 2023 has decreased by 31.87 %.
8. Others (Waste to Energy) Power generation has increased by 7.67 % during November 2024 as compared to November 2023 on All India basis.
9. Small Hydro Power generation during November 2024 as compared to November 2023 has increased by 11.15 % on All India Basis except Kerala and Maharashtra.
10. The generation from ISGS stations (Solar and Wind plants) for the month of November 2024 is 4690.34 MUs which is 18.47 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of November 2024 is 672.86 MUs which is 2.64 % of the Monthly RE generation during the month.

Fig:1- All India RE Capacity Addition

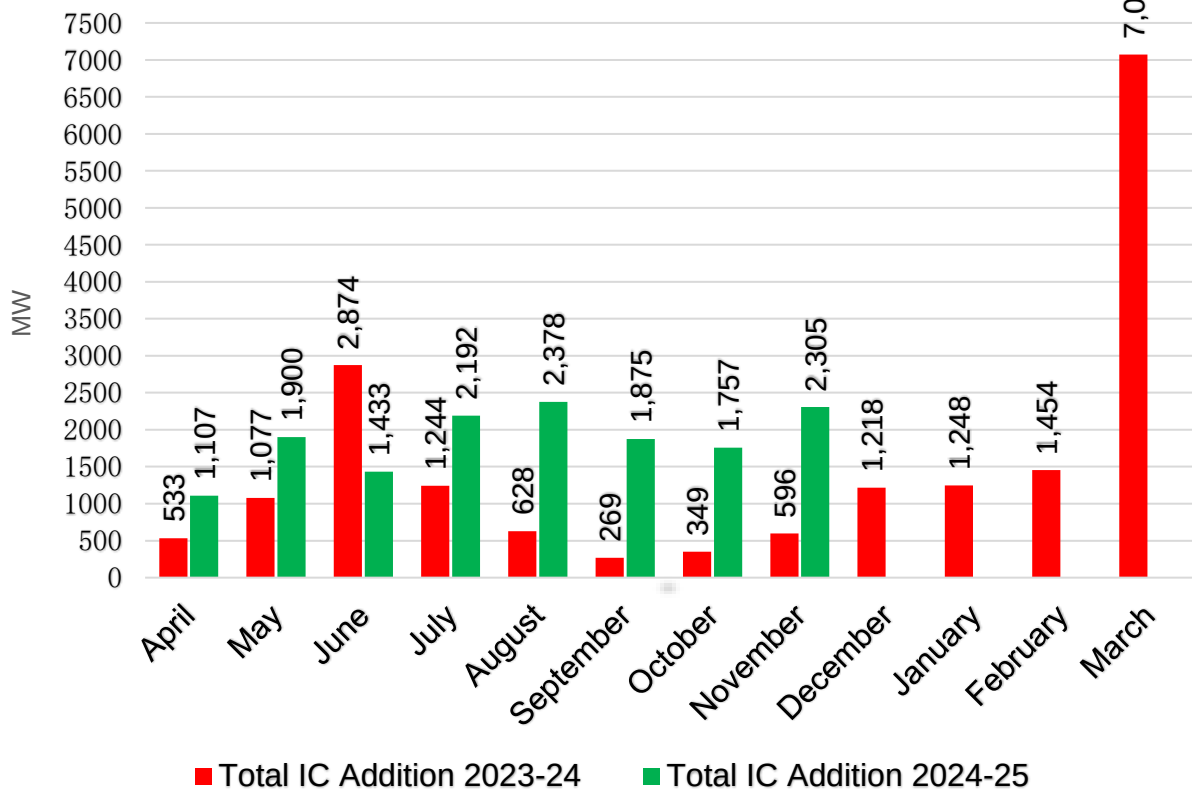
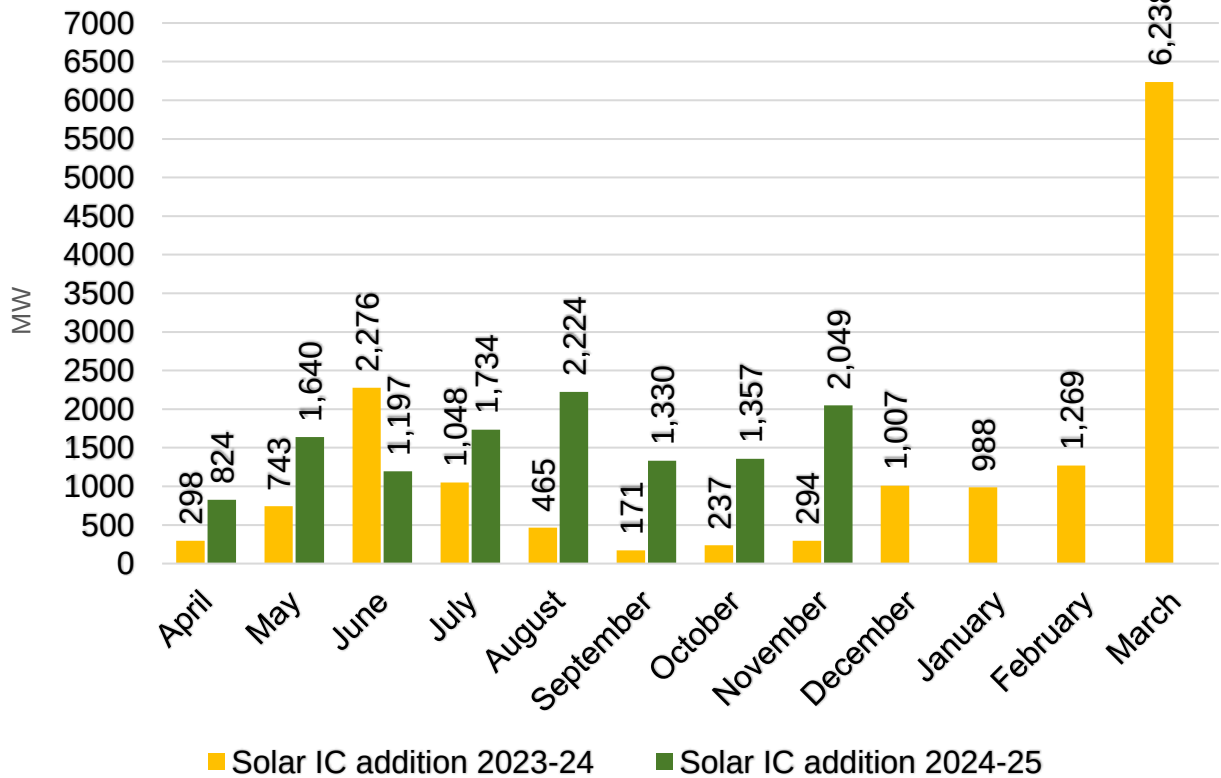
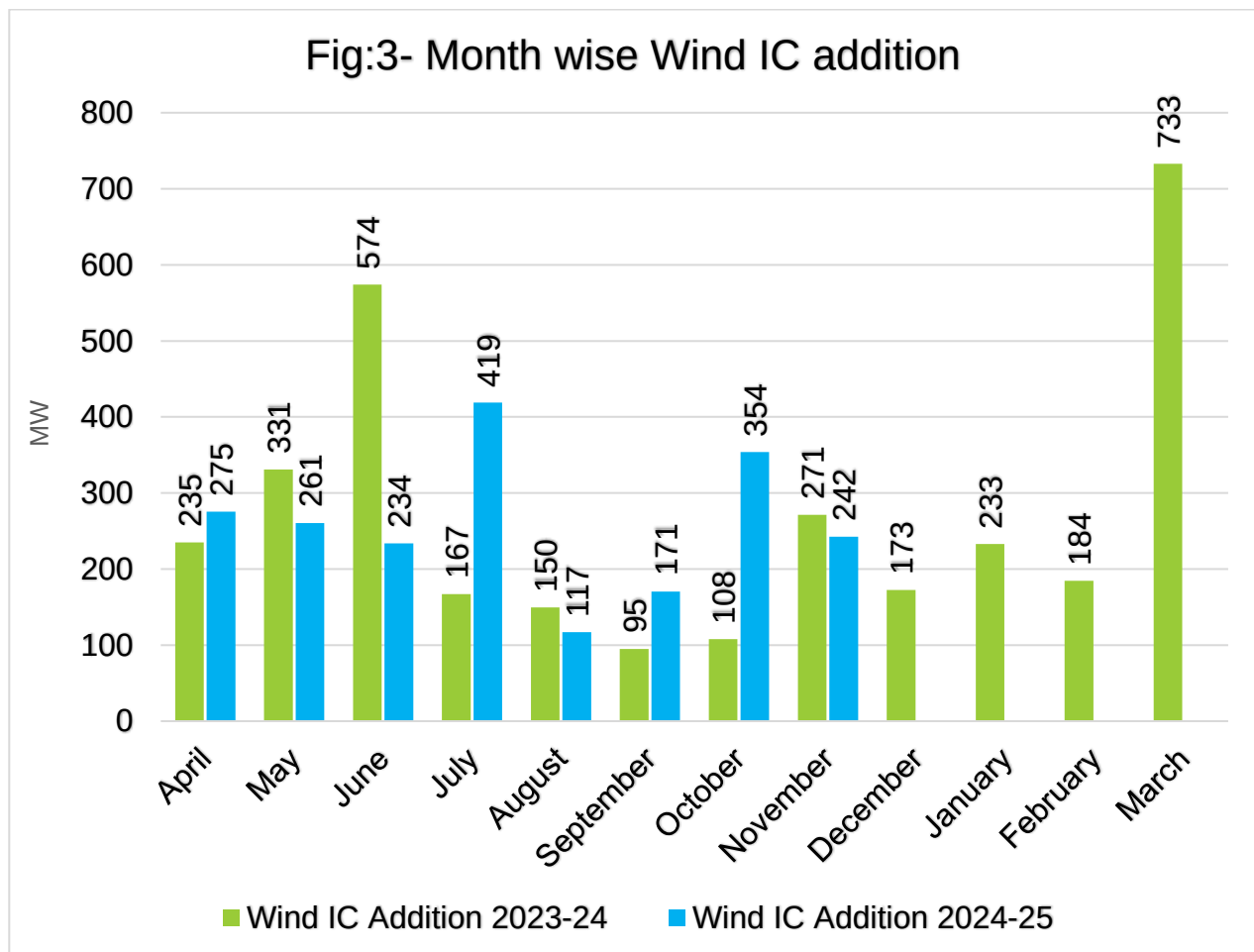


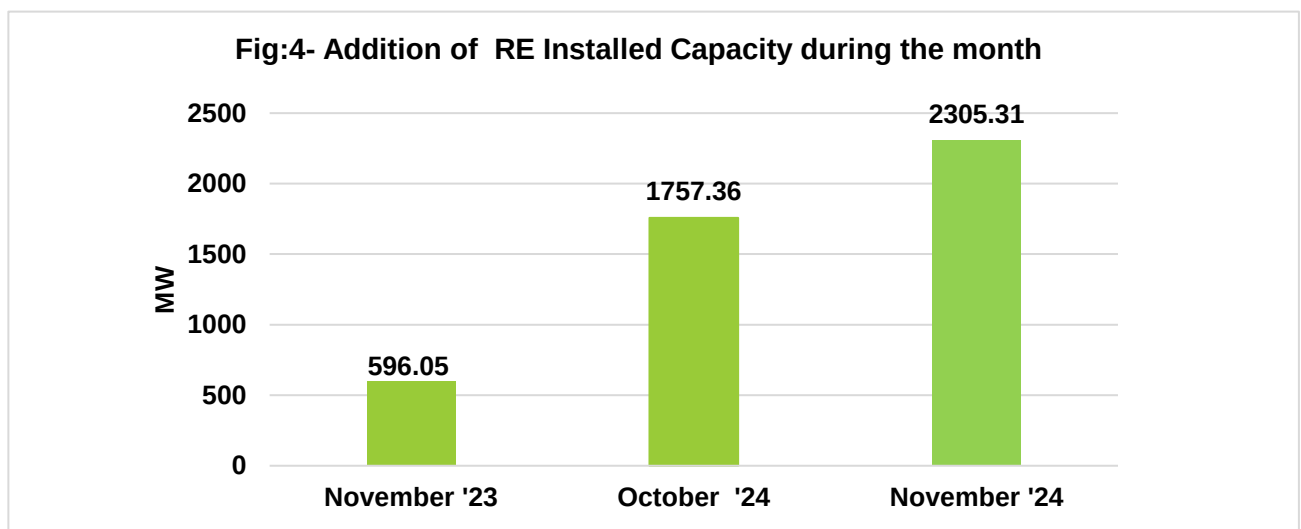
Fig:2- Month wise Solar IC addition

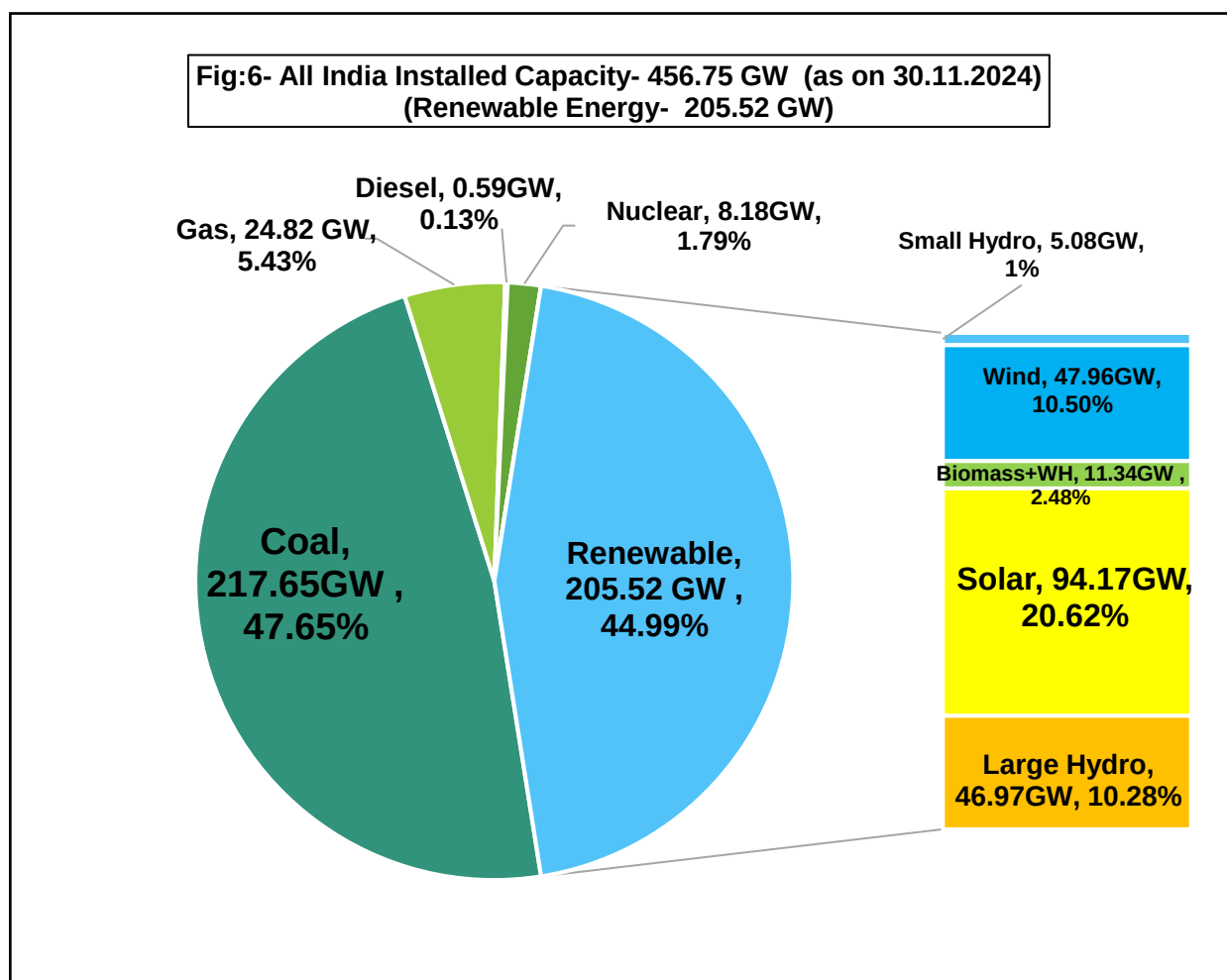
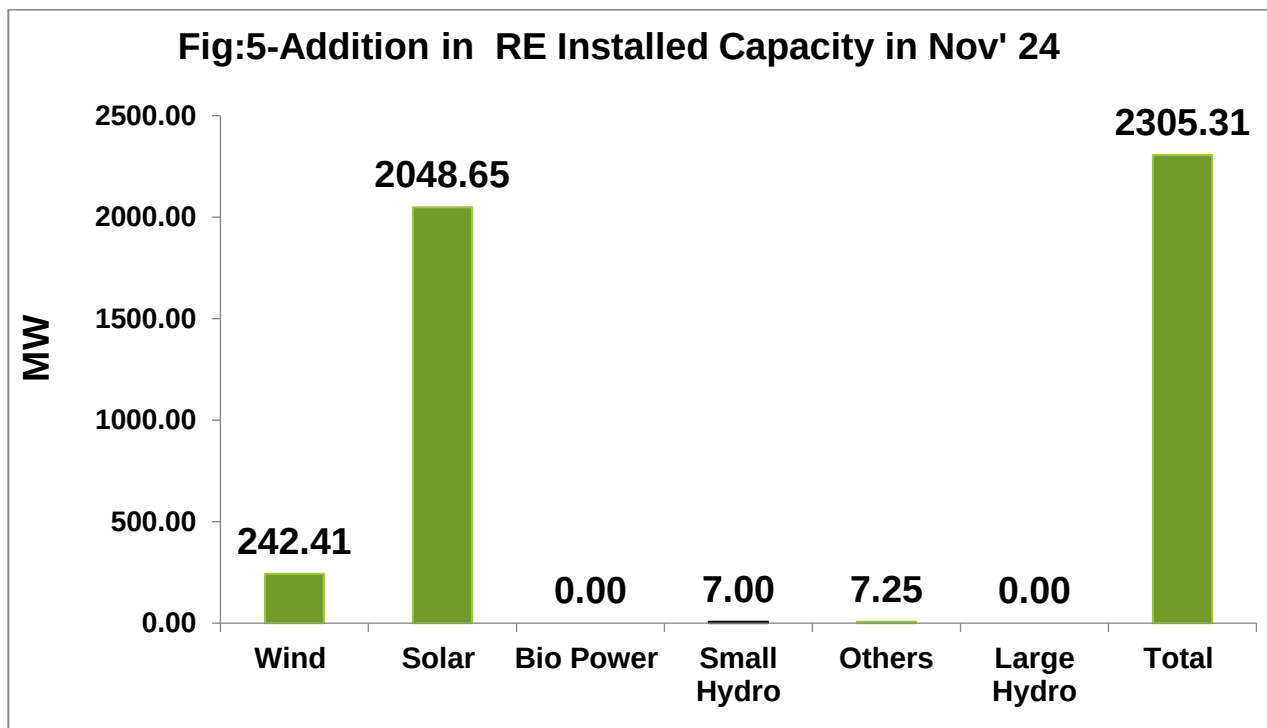




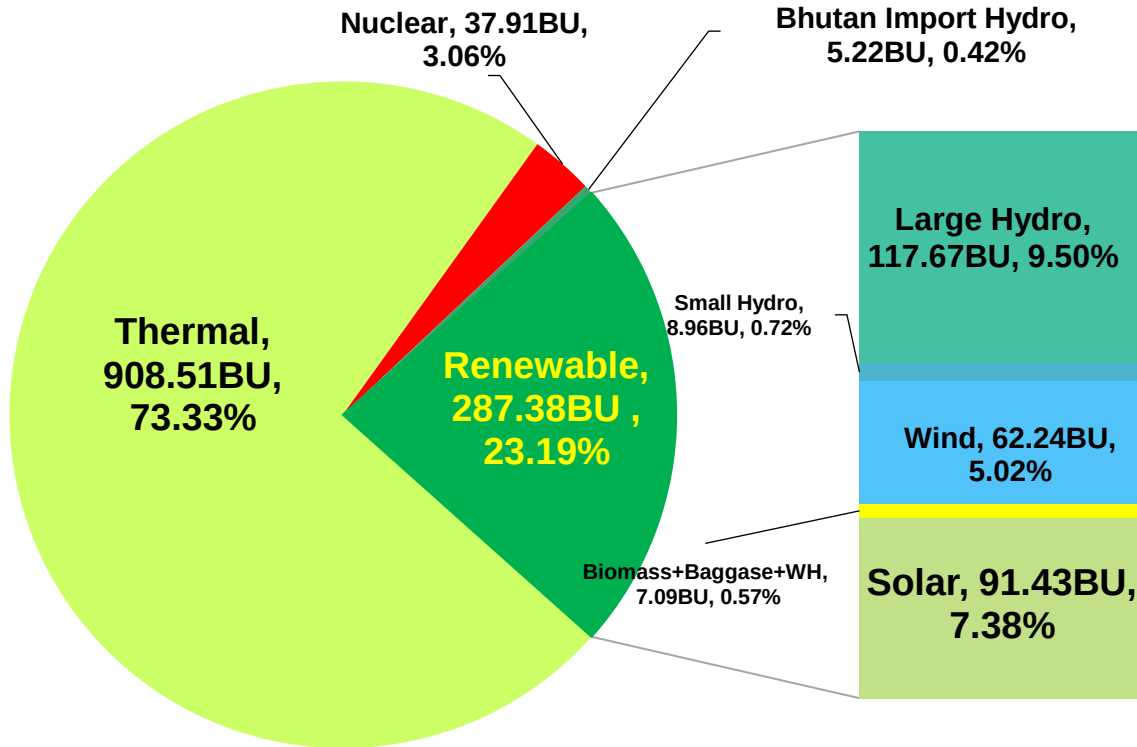
Summary of RE Capacity Addition for the Month of November '24

- ❖ Increased by 286.76 % as compared to November 23.
- ❖ Increased by 31.18 % as compared to October 24.

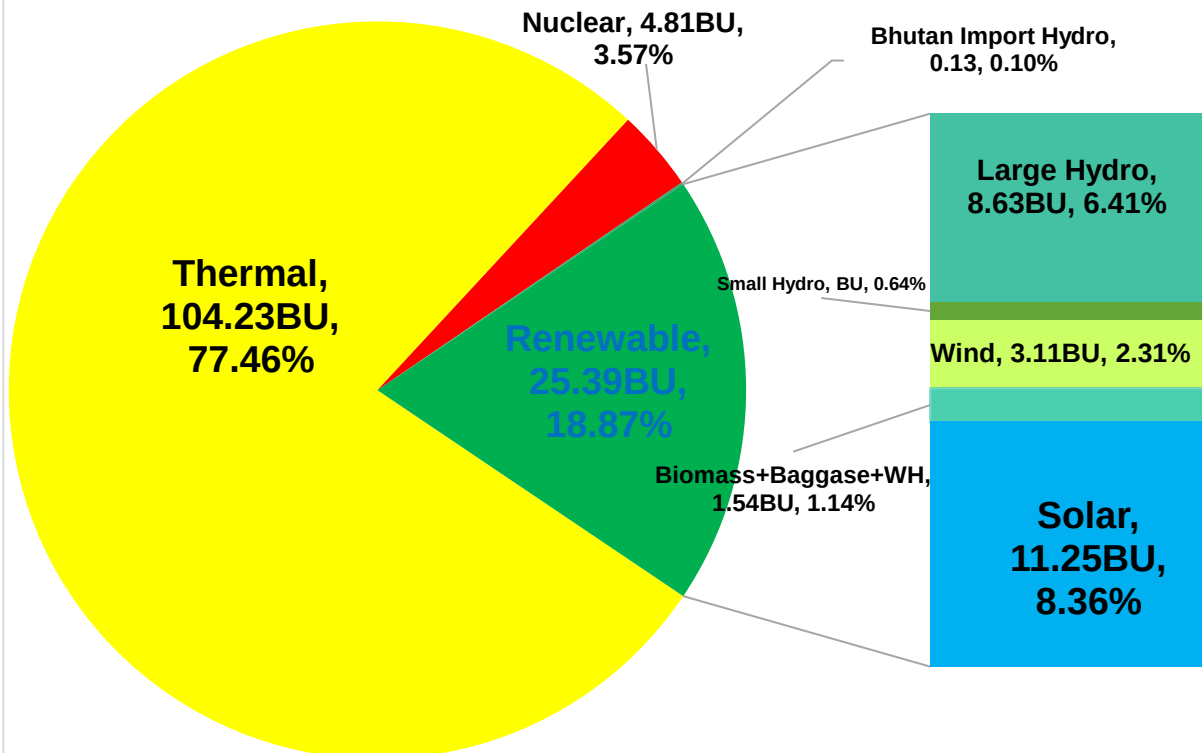




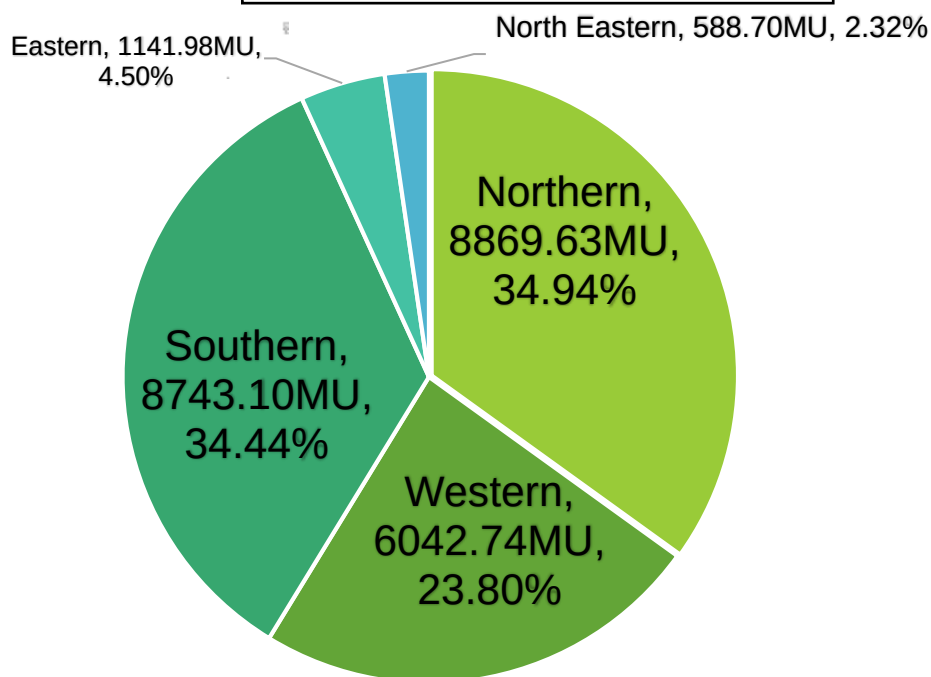
**Fig:7-All India Cumulative Energy Generation (1239.01 BU)
April-November 2024**



**Fig:8-All India Monthly Energy Generation (134.56 BU)
November 2024**



**Fig:9-RE Generation Region Wise
(November 2024)**



**Fig:10-RE Cumulative Generation Region Wise
(upto April to November 2024)**

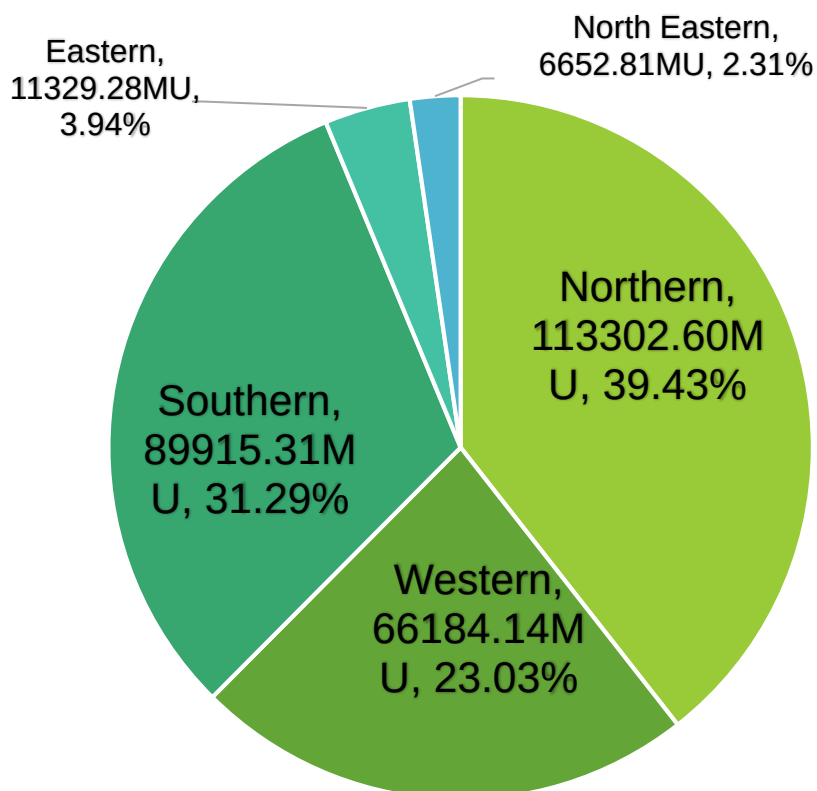


Fig:11-Source wise breakup of RE Generation for Month Novemebr- 2024 (25386.15 MU)

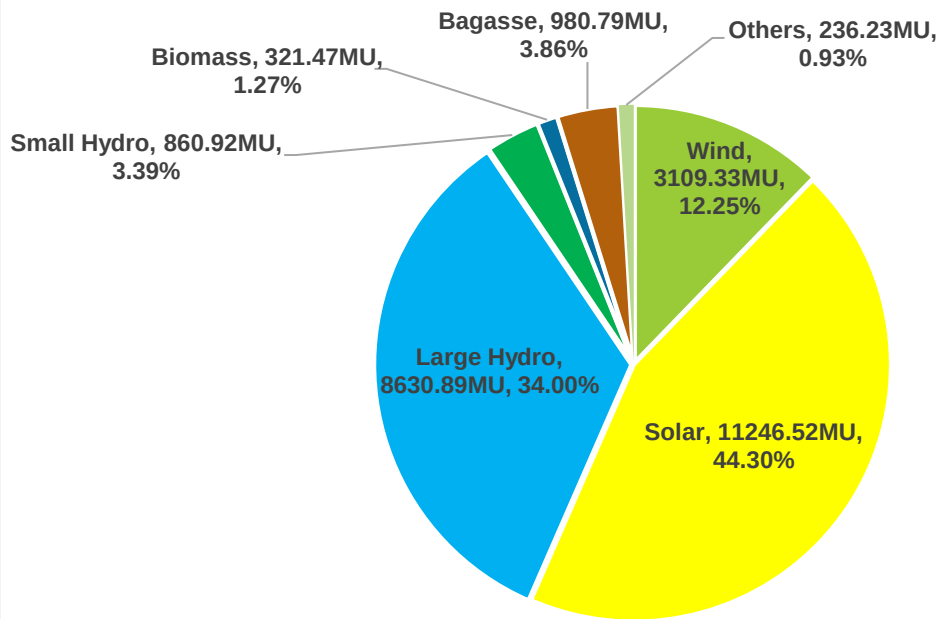
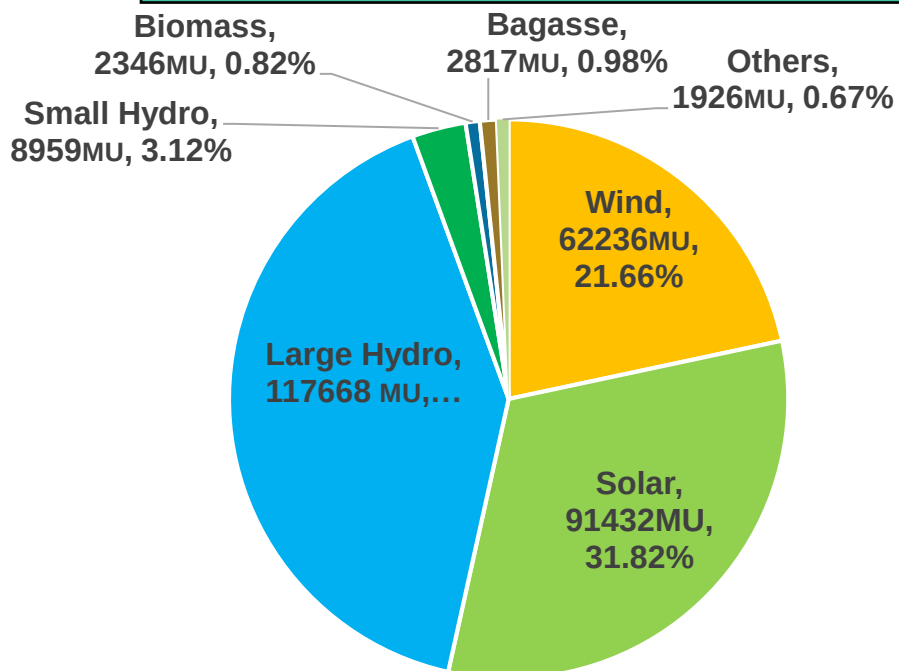


Fig:12- Source wise breakup of cumulative RE Generation for April 2024 to Nov- 2024 (287384.14 MU)



Summary of Renewable Energy Generation

- ❖ Increased by 22.6 % as compared to November' 23
- ❖ Decreased by 21.06 % as compared to October '24

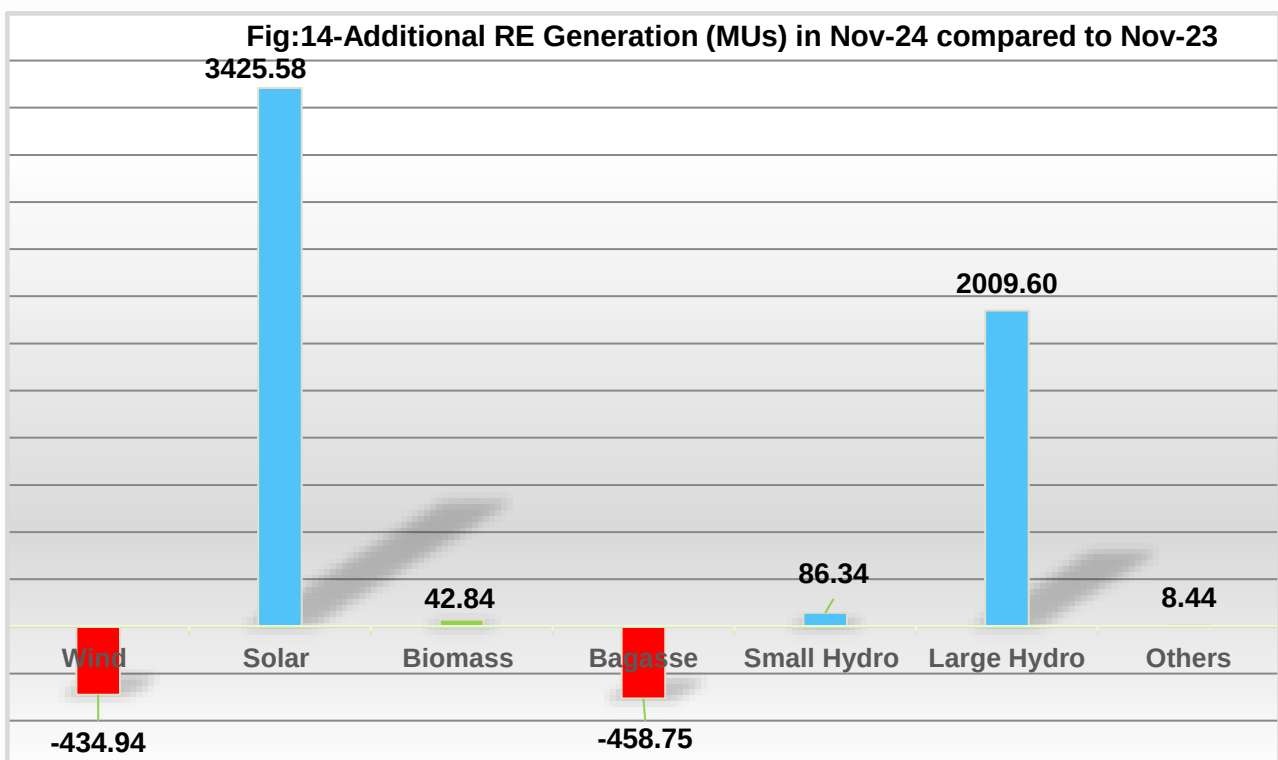
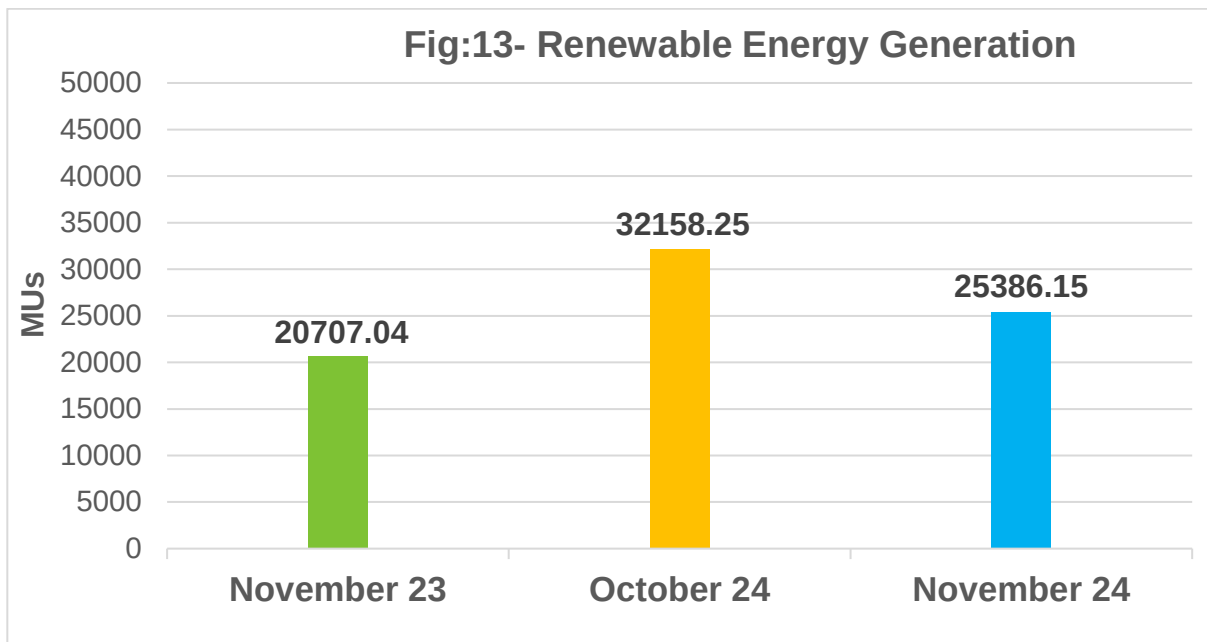


Fig:15- India Renewable Energy Growth rate % increase over same Month in the last year

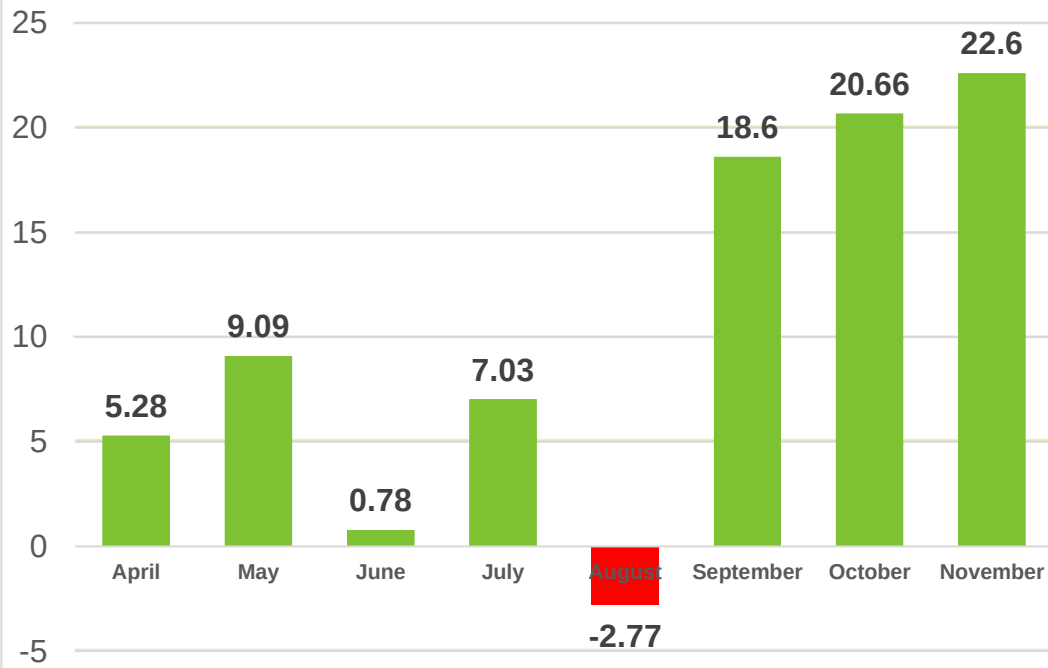


Fig:16- Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25

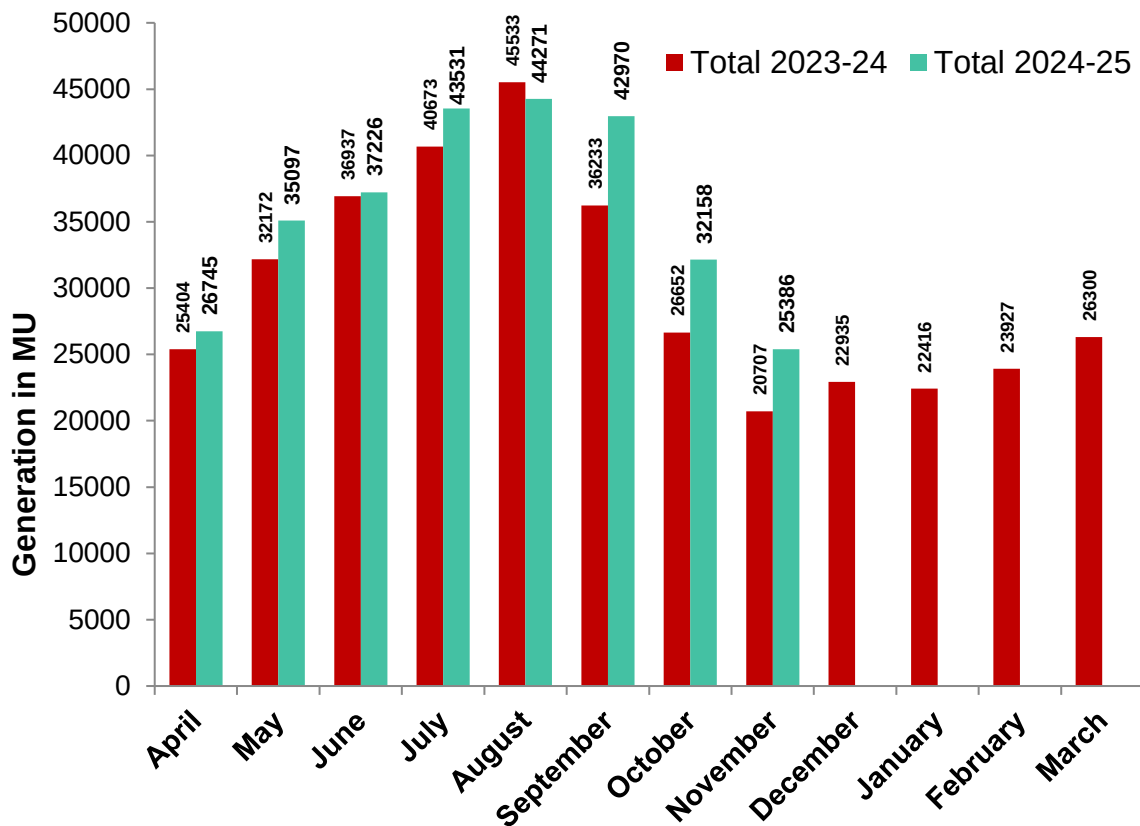


Fig:17- Month Wise Wind Power Generation for the year 2023-24 and year 2024-25

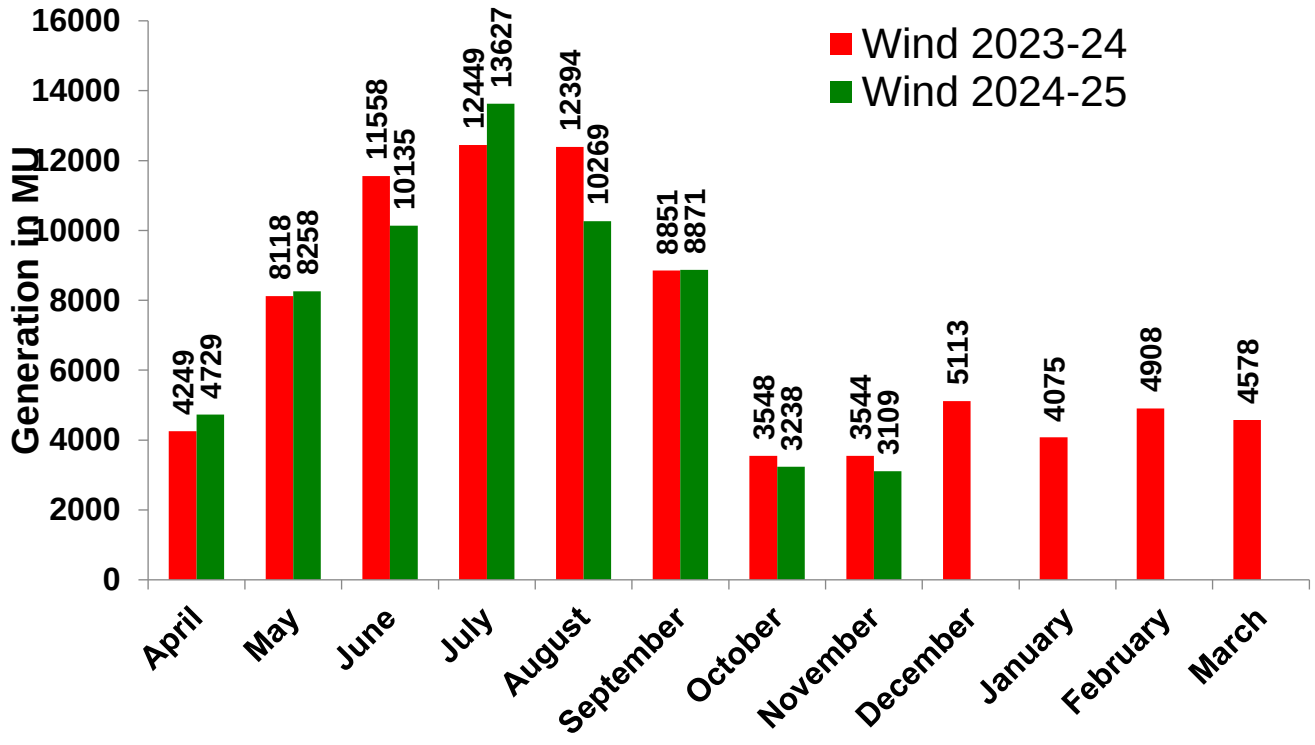


Fig:18-Month Wise Solar Power Generation for the year 2023-24 and year 2024-25.

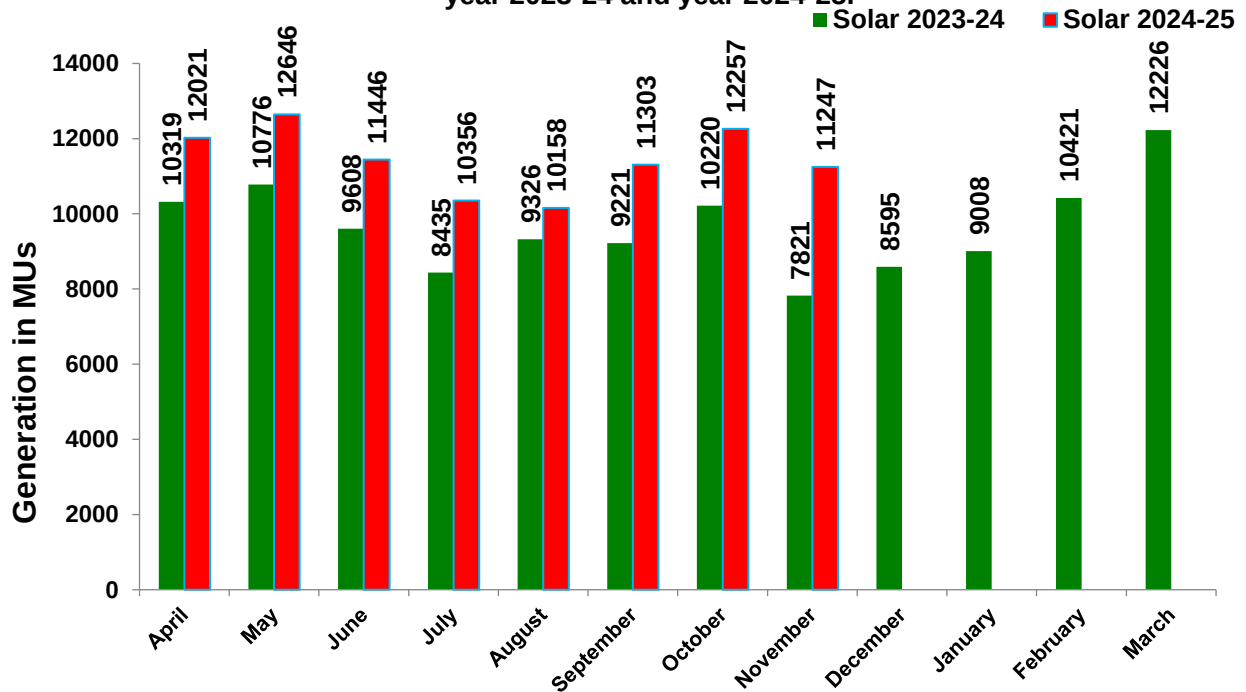


Fig:19- Month Wise Biomass Power Generation for the year 2023-24 and year 2024-25

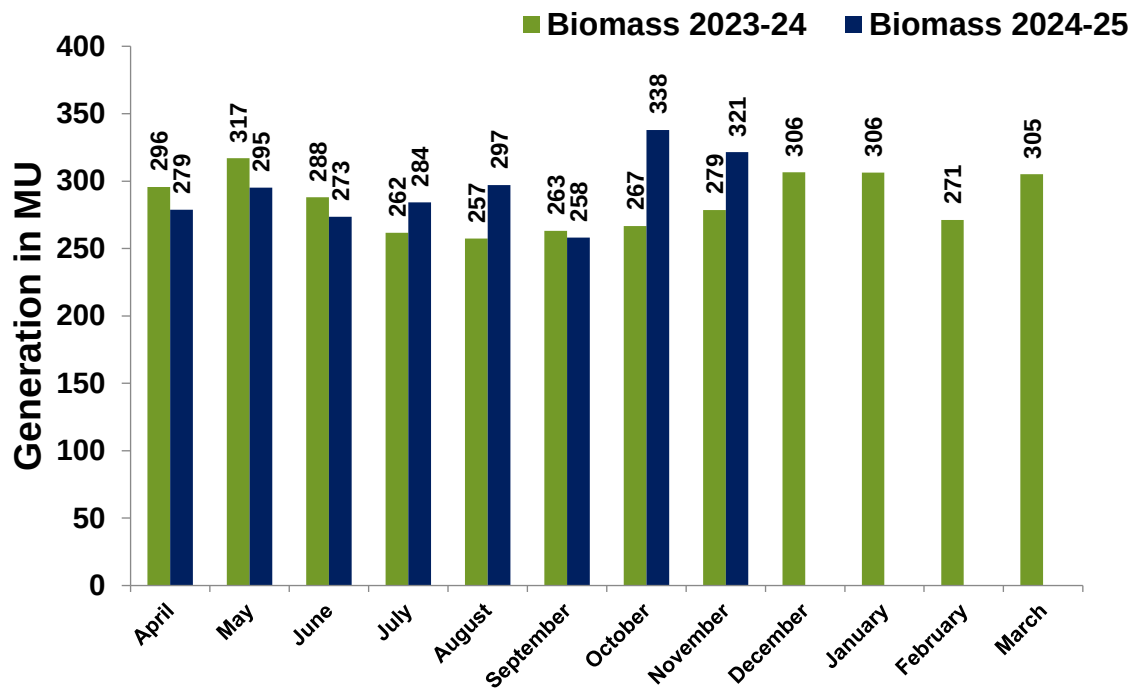


Fig:20-Month Wise Bagasse Power Generation for the year 2023-24 and year 2024-25

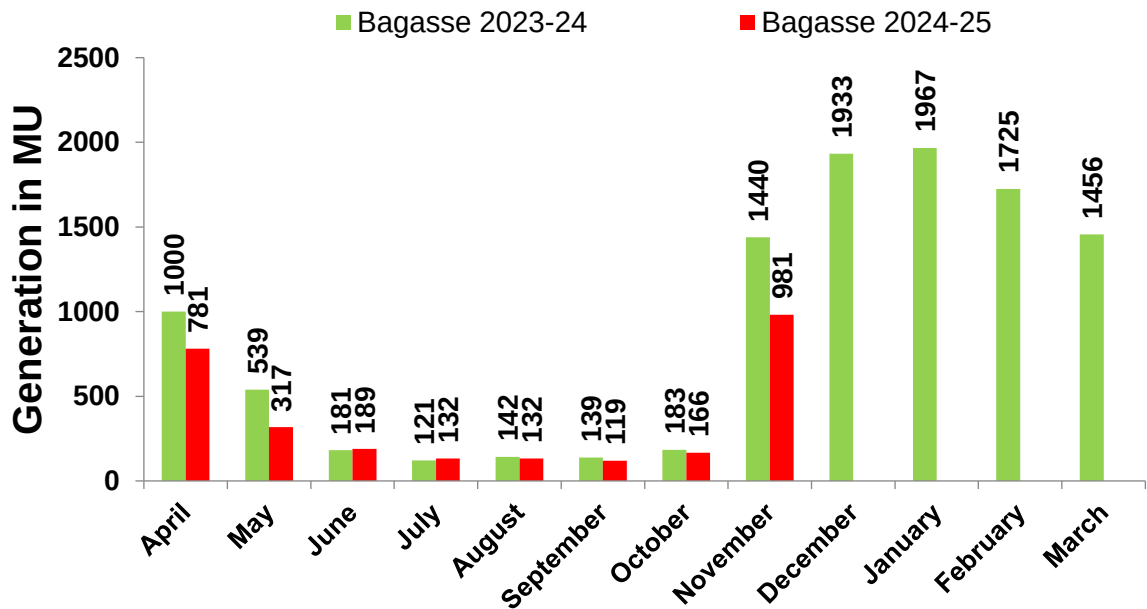


Fig:21- Month Wise Small Hydro Power Generation for the year 2023-24 and year 2024-25

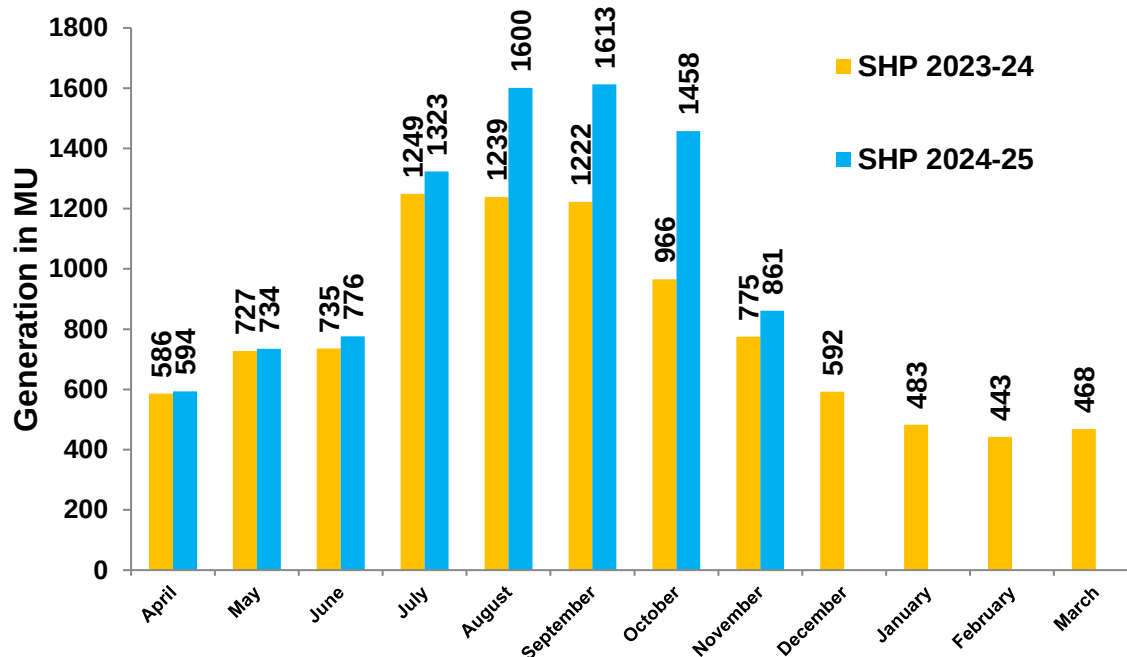


Fig:22-Month Wise Large Hydro Power Generation for the year 2023-24 and year 2024-25

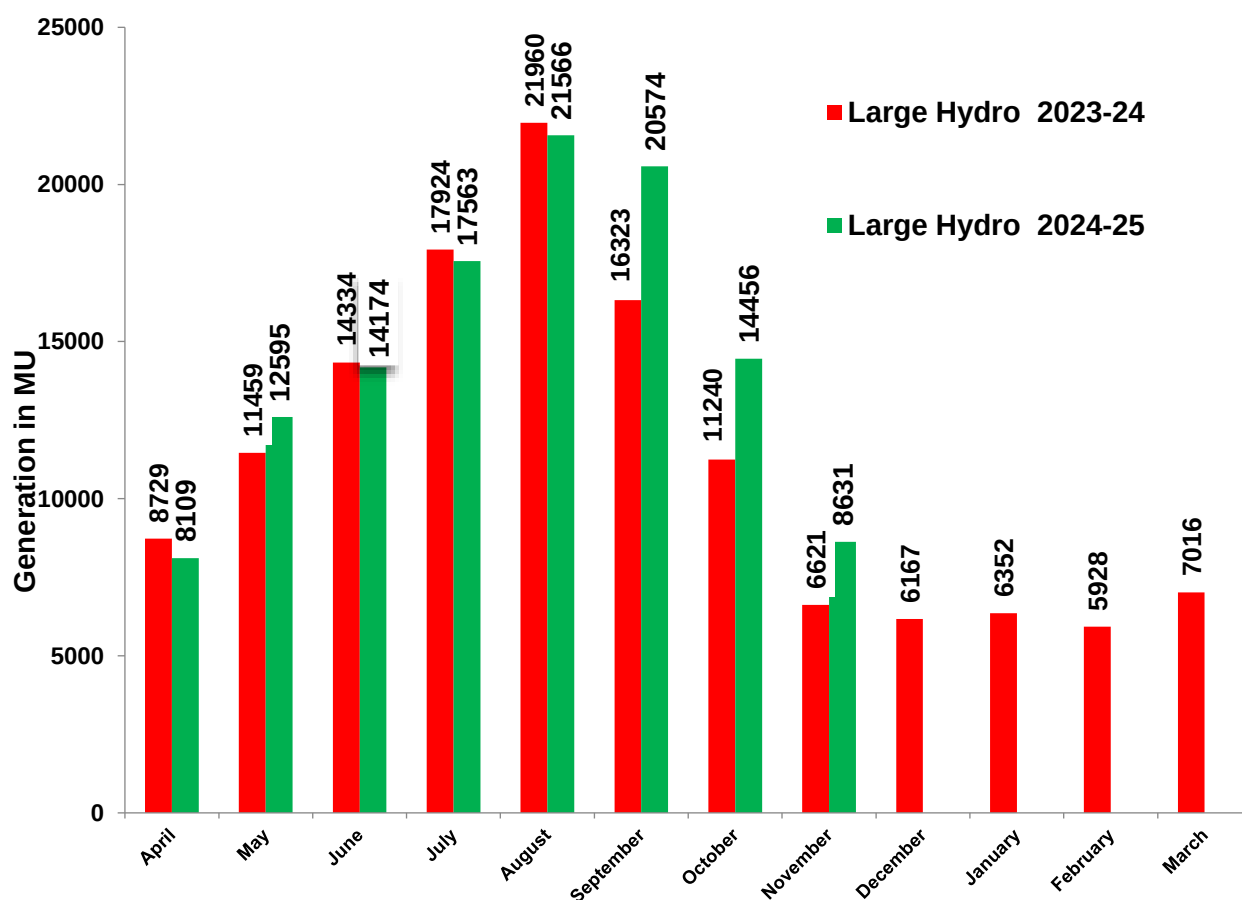


Fig:23-Month Wise Other RE (Waste Heat etc.) Power for the year 2023-24 and year 2024-25

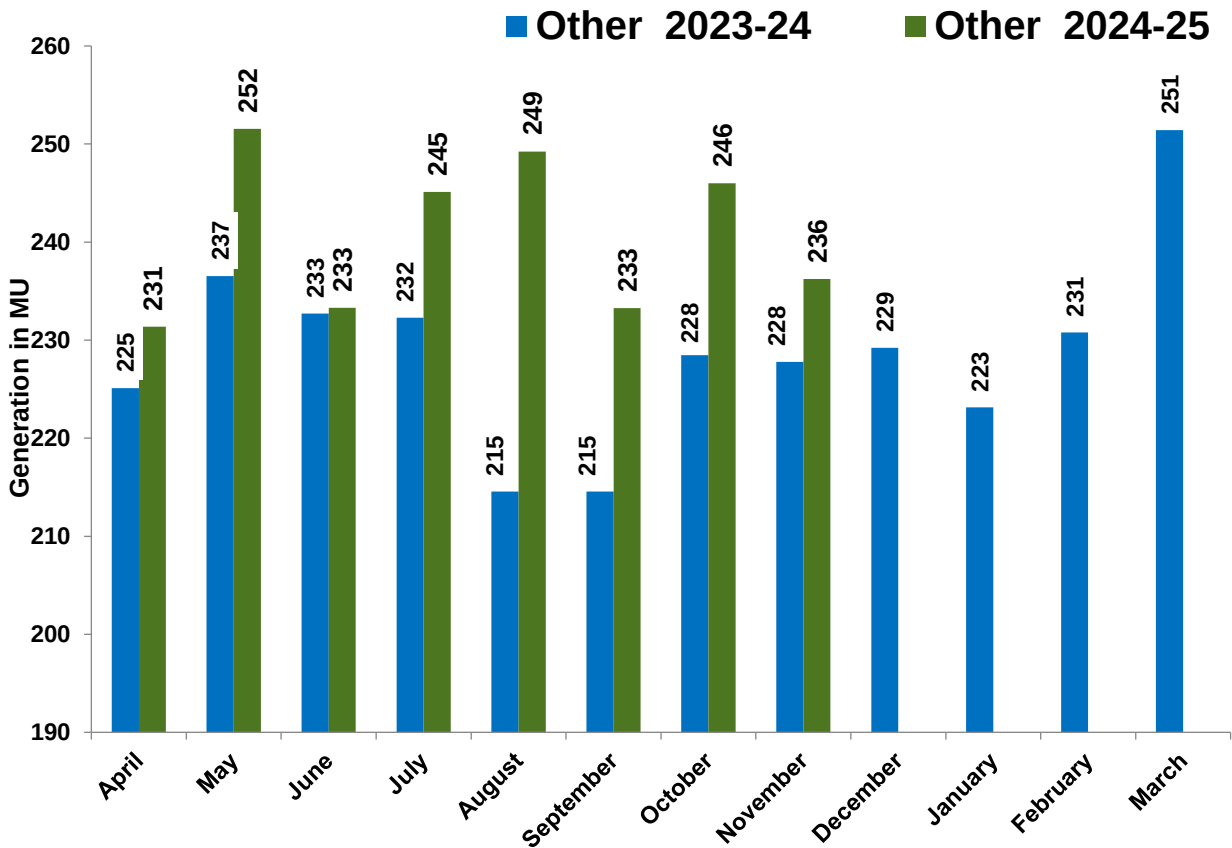


Fig:24-Year Wise RE Generation

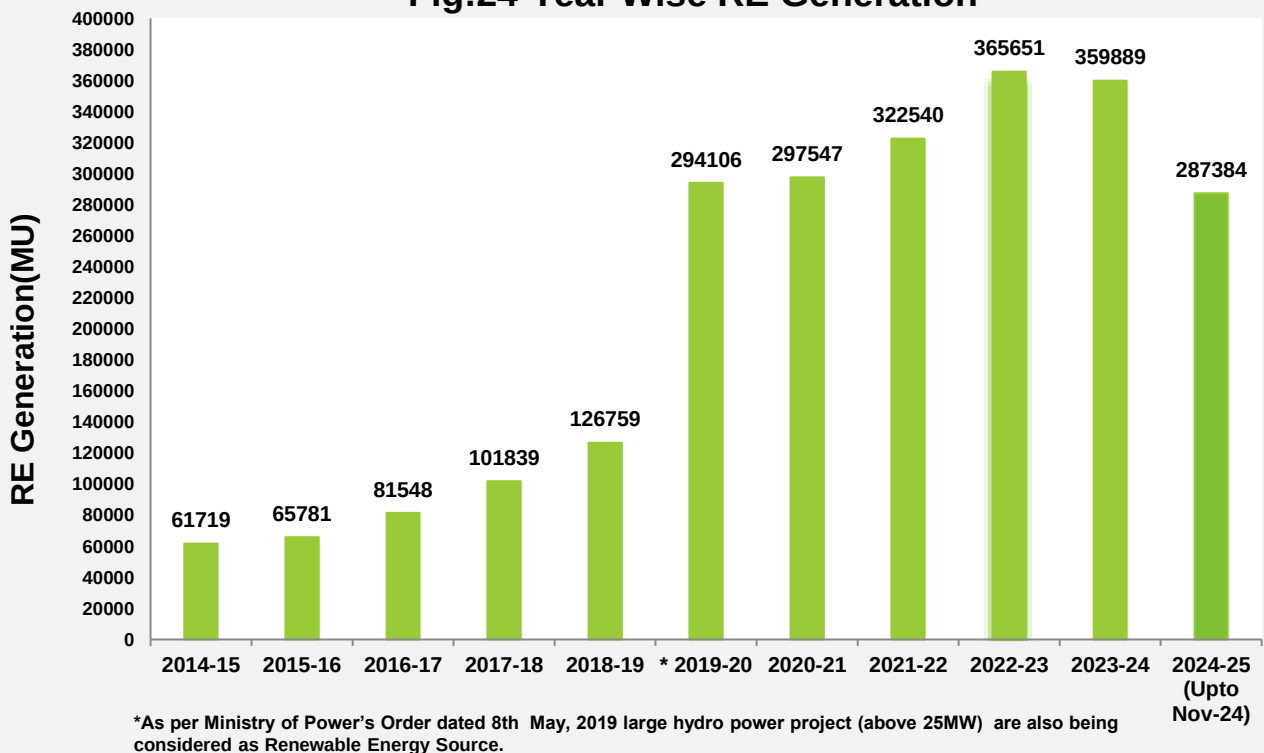
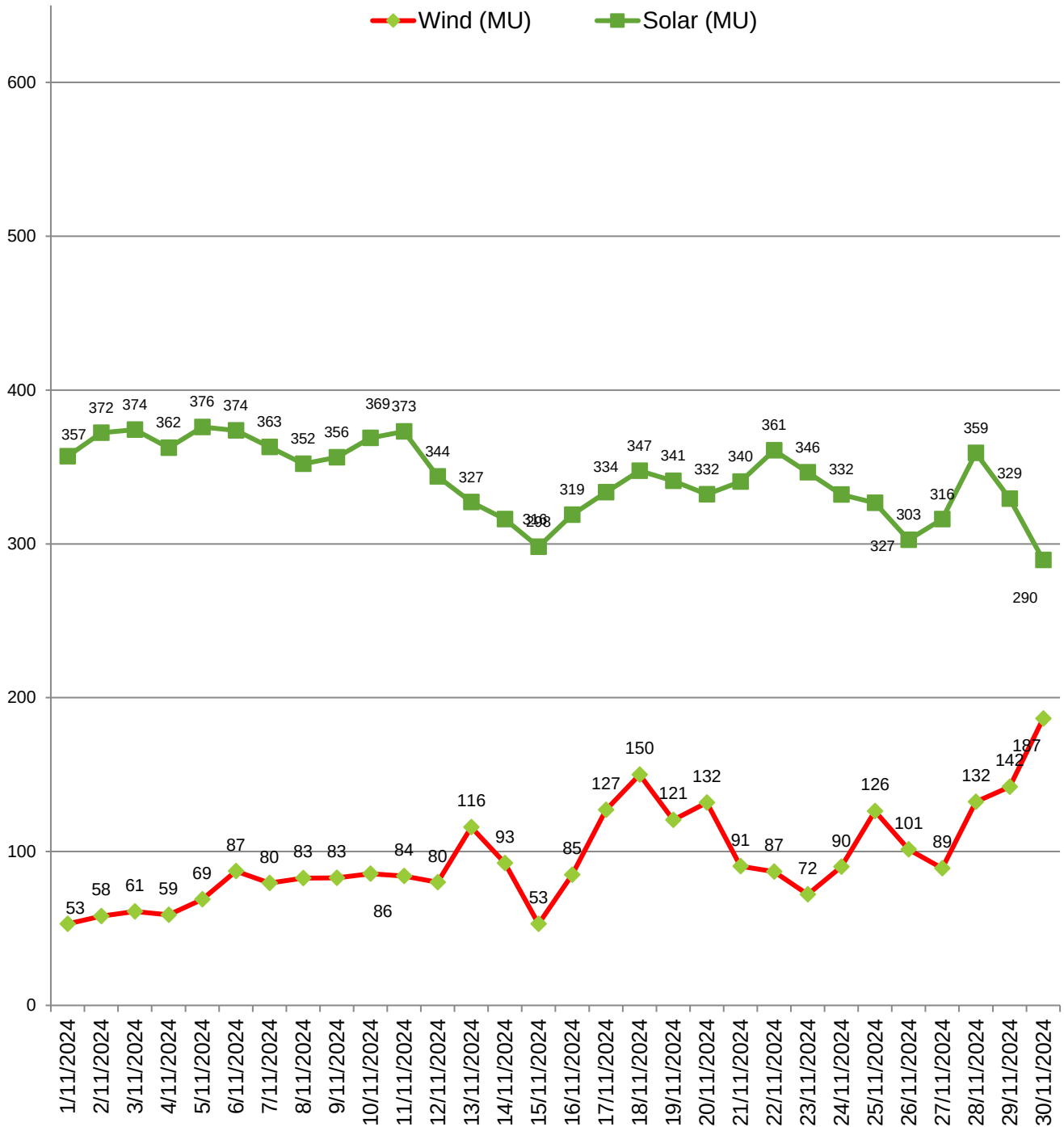


Fig:25-Daily solar and wind power generation trend in the month of November -2024



Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	Installed Capacity (MW) (as on 30.11.2024)	Monitored Capacity (MW) (as on 30.11.2024) for which generation data is available	RE Generation (MU) Nov'24	RE Generation (MU) Nov'23	% of same Month Last Year	RE Generation (MU) Apr 24-Nov'24	RE Generation (MU) Apr'23-Nov'23	% of same period Last Year
पवन/Wind	47959.13	47490.27	3109.33	3544.27	87.73	62235.90	64711.59	96.17
सौर/Solar	94167.83	78757.7742*	11246.52	7820.94	143.80	91432.33	75725.07	120.74
बायोमास/Biomass	10728.21	9903.28	321.47	278.62	115.38	2346.01	2228.16	105.29
बगास/Bagasse			980.79	1439.55	68.13	2816.70	3744.56	75.22
लघु जल विद्युत्/ Small Hydro	5084.25	4212.28	860.92	774.58	111.15	8959.10	7498.95	119.47
बृहत् जल विद्युत् /Large Hydro ^{\$}	46968.17	46968.17	8630.89	6621.29	130.35	117668.08	108590.67	108.36
अन्य/Others	612.99	854.91	236.23	227.79	103.70	1926.03	1811.99	106.29
कुल/Total Including Large Hydro	205520.58	188186.67	25386.15	20707.04	122.60	287384.14	264310.99	108.73
कुल/Total Excluding Large Hydro	158552.41	141218.50	16755.26	14085.75	118.95	169716.06	155720.32	108.99

* Solar Installed capacity including 2.5 GW rooftop solar.

^{\$} Large Hydro Generation data excludes import from Bhutan. However, the import from Bhutan during November 2024 and April 24 – November 24 are 843.70 MUs and 5087.20 MU respectively.

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

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation	(MU)
Unchahar NTPC	Uttar Pradesh	Central	Solar		0.92
Dadri NTPC	Uttar Pradesh	Central	Solar		0.37
Singrauli NTPC	Uttar Pradesh	Central	Solar		1.33
Auraiya NTPC	Uttar Pradesh	Central	Solar		4.24
Kolayat NTPC	Rajasthan	Central	Solar		90.70
Nokhra NTPC	Rajasthan	Central	Solar		49.51
Devikot NTPC	Rajasthan	Central	Solar		40.27
ABC Renewable Energy	Rajasthan	Private	Solar		57.50
ACME DEOGARH	Rajasthan	Private	Solar		50.08
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar		42.38
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar		54.92
ACME PHALODI	Rajasthan	Private	Solar		44.10
ACME RAISAR	Rajasthan	Private	Solar		29.89
Adni Green Energy 2	Rajasthan	Private	Solar		45.10
Adni Hybrid	Rajasthan	Private	Solar		78.42
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar		120.60
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar		82.74
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar		55.50
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar		59.00
ADANI SEJ2PL M	Rajasthan	Private	Solar		24.69
ADANI SEJ2PL P	Rajasthan	Private	Solar		26.20
ALTRA XERGI	Rajasthan	Private	Solar		73.71
AMP Energy Green Five	Rajasthan	Private	Solar		15.33
AMP Energy Green Six	Rajasthan	Private	Solar		17.13
AMPLUS_AGES	Rajasthan	Private	Solar		15.27
Anta Solar NTPC	Rajasthan	Private	Solar		14.51
ASERJ2PL	Rajasthan	Private	Solar		36.39
ASERJ2PL_INFRM	Rajasthan	Private	Solar		0.00
ASERJ2PL_BHDL	Rajasthan	Private	Solar		29.11
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar		36.81
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar		1.19
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar		8.65

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation	(MU)
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar		35.03
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar		52.96
Adept_ Renewable	Rajasthan	Private	Solar		17.85
ADPPL_INFIRM	Rajasthan	Private	Solar		24.49
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar		61.83
Avaada RJHN Private Limited	Rajasthan	Private	Solar		39.33
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar		57.47
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar		51.10
Ayana Renewable Three	Rajasthan	Private	Solar		32.19
Ayana Renewable Three Infirm	Rajasthan	Private	Solar		9.61
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar		52.08
Azure Power Forty One Private Limited	Rajasthan	Private	Solar		54.63
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar		102.83
AZURE SOLAR	Rajasthan	Private	Solar		24.51
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar		41.22
AZURE POWER THIRTY FIVE	Rajasthan	Private	Solar		20.31
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar		46.95
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar		58.16
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar		58.68
ENRICO RE	Rajasthan	Private	Solar		0.18
GRIAN ENERGY	Rajasthan	Private	Solar		15.64
Juniper Green Cosmic PL	Rajasthan	Private	Solar		14.42
MEGA SOILS RENEWABLE PRIVATE LIMITED	Rajasthan	Private	Solar		46.87
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar		41.83
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar		14.58
Nidan Solar Fatehgarh	Rajasthan	Private	Solar		55.51
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar		54.91
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar		8.93
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar		40.63
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar		53.24
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar		55.02
Renew Sun Waves Private Limited	Rajasthan	Private	Solar		53.20
Renew Surya Pratap	Rajasthan	Private	Solar		36.38

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	46.02
Renew Surya Roshni	Rajasthan	Private	Solar	65.88
Renew Surya Vihaan	Rajasthan	Private	Solar	17.62
Renew Surya Ayaan	Rajasthan	Private	Solar	53.09
Rising Sun Energy	Rajasthan	Private	Solar	33.88
Serentica Renewables	Rajasthan	Private	Solar	31.57
Serentica Renewables 5PL	Rajasthan	Private	Solar	17.29
Tata Power Green Energy Limited	Rajasthan	Private	Solar	33.06
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	51.82
TESEPL	Rajasthan	Private	Solar	7.76
Thar Surya 1	Rajasthan	Private	Solar	52.70
TPSL Banderwala	Rajasthan	Private	Solar	31.16
TPSL BKN2 INF	Rajasthan	Private	Solar	15.35
Tata Power SAURYA Limited	Rajasthan	Private	Solar	15.69
Transition Renewable Energy	Rajasthan	Private	Solar	13.74
Transition Green Energy	Rajasthan	Private	Solar	15.25
Transition Sustainable One	Rajasthan	Private	Solar	8.19
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	31.25
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	7.25
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	7.33
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	5.80
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	7.78
Northern Region				3108.61
Beempow Energy	Madhya Pradesh	Private	Solar	58.71
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	37.76
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	35.10
AVAADA_AGAR_RUMS	Madhya Pradesh	Private	Solar	37.48
Athena_RUMS	Madhya Pradesh	Private	Solar	36.79
Masaya BWSPPRA_KNDW	Madhya Pradesh	Private	Solar	51.57
NTPC_REL_SJPR_RUMS	Madhya Pradesh	Private	Solar	7.75
TPSOURY_KWAI_NMCH	Madhya Pradesh	Private	Solar	42.14
Sherisha Raipur	Chhattisgarh	Private	Solar	7.51
Solapur Solar	Maharashtra	Central	Solar	1.45
AREH4L_PSS1	Gujarat	Private	Solar	206.14
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	38.95

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation	(MU)
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar		19.77
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar		20.63
RPL_SECI-II	Gujarat	Private	Solar		20.44
Kawas NTPC	Gujarat	Central	Solar		7.97
Gandhar_Solar	Gujarat	Private	Solar		3.62
GSECL RSP	Gujarat	Private	Solar		20.63
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar		141.34
AGE24AL	Gujarat	Private	Solar		59.19
Alfanar	Gujarat	Private	Wind		9.16
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind		15.37
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind		24.75
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind		39.02
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind		15.06
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind		16.07
GSECL_PH2	Gujarat	Private	Wind		12.72
Ostro Kutch Wind Private Limted (OKWPL)	Gujarat	Private	Wind		25.49
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind		0.03
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind		9.44
Apraava Khkrda Jam	Gujarat	Private	Wind		36.25
Netra Kotda	Gujarat	Private	Wind		7.95
Powerica Wind	Gujarat	Private	Wind		5.23
Torrent Sidpur Jam	Gujarat	Private	Wind		19.35
SITAC	Gujarat	Private	Wind		12.92
SRIJAN	Gujarat	Private	Wind		3.37
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind		6.68
SGEL RSP	Gujarat	Private	Wind		17.68
Western Region					1131.48
Beetam(Tuticorin)	Tamil Nadu	Private	Wind		23.53
GRTJIPL	Tamil Nadu	Private	Solar		18.42
Mytra	Tamil Nadu	Private	Wind		18.00
Orange	Tamil Nadu	Private	Wind		19.05
Green Infra	Tamil Nadu	Private	Wind		27.73
Hiriyur Ostro	Tamil Nadu	Private	Wind		41.38

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	4.52
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	46.73
JSW Savlaperi	Tamil Nadu	Private	Wind	44.01
Ettayapuram NTPC	Tamil Nadu	Central	Solar	27.91
ARPSPL KOPPAL	Karnataka	Private	Wind	36.26
RSOPL KOPPAL	Karnataka	Private	Wind	49.45
RSRPL KOPPAL	Karnataka	Private	Wind	47.02
Serentica_koppal	Karnataka	Private	Wind	28.14
Ramagundam Floating Solar	Telangana	Central	Solar	15.39
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	2.71
Southern Region				450.25
All India Total				4690.34

Source: - 1.Generation from ISGS projects is prepared from block wise data received from RPCs.

2. Generation of ISGS generating stations is included in respective State in Renewable Energy Generation sheet according to physical location so their generation should not be considered additional generation

Table 3: Renewable Energy Generation (Excluding Large Hydro) by CPSU Owned stations

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) November'24	RE Generation (MU) November'23	RE Generation (MU) April 2024- November 2024	RE Generation (MU) April 2023- November 2023
NTPC							
Faridabad_Solar	Haryana	5	Solar	0.37	0.32	3.92	4.30
Bhadla	Rajasthan	260	Solar	31.96	26.93	278.17	283.50
Jetsar	Rajasthan	160	Solar	22.00	16.75	248.47	243.10
Fatehgarh	Rajasthan	296	Solar	55.66	47.70	495.60	503.40
Devikot	Rajasthan	240	Solar	40.70	39.13	359.30	377.90
Nokhra	Rajasthan	300	Solar	49.66	45.07	458.11	459.60
Anta Solar	Rajasthan	90	Solar	15.58	0.00	103.35	0.00
Dadri_Solar	Uttar Pradesh	5	Solar	0.38	0.43	3.94	4.10
Unchahar_Solar	Uttar Pradesh	10	Solar	0.93	0.82	8.73	9.20
Singrauli_Solar	Uttar Pradesh	15	Solar	1.36	1.38	12.74	13.70
Auraiya	Uttar Pradesh	40	Solar	5.20	3.90	42.81	47.70
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	0.00	2.30	14.62	26.20
Ayodhya	Uttar Pradesh	40	Solar	5.90	0.00	35.37	0.00
Chattargarh	Rajasthan	150	Solar	0.00	0.00	205.04	0.00
Rojmal	Gujarat	50	Wind	3.57	4.52	65.16	71.30
Dayapar	Gujarat	50	Wind	1.13	0.77	68.62	0.77
Rajgarh_Solar	Madhya Pradesh	50	Solar	5.88	5.11	44.90	45.10
Mandsaur	Madhya Pradesh	250	Solar	31.12	27.46	226.11	239.11
Solapur	Maharashtra	10	Solar	1.44	1.06	12.36	11.60
Anantapuram	Andhra Pradesh	250	Solar	26.81	29.88	237.39	252.20
Ramagundam	Telangana	110	Solar	18.03	14.54	133.32	137.30
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.47	0.64	3.63	3.70
Talchar_Solar	Orissa	10	Solar	0.78	1.02	7.52	8.20
Solar_Bilhaur	Uttar Pradesh	225	Solar	30.90	27.63	313.16	308.00
Simhadri Floating Project	Andhra Pradesh	25	Solar	2.59	0.57	25.14	32.50
Kayamkulam	Kerala	92	Solar	14.90	15.72	128.15	139.40
Kawas	Gujarat	56	Solar	8.02	5.00	64.93	58.10
Gandhar	Gujarat	20	Solar	4.08	2.82	25.44	20.00
Shambu ki Burj-I	Rajasthan	283	Solar	44.41	39.14	413.48	410.20
Shambu ki Burj-II	Rajasthan	249	Solar	45.60	24.95	298.08	259.00

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) November'24	RE Generation (MU) November'23	RE Generation (MU) April 2024- November 2024	RE Generation (MU) April 2023- November 2023
Ettayapuram	Tamil Nadu	230	Solar	28.17	29.40	322.41	321.10
Gujarat Solar	Gujarat	60	Solar	10.07	0.00	34.27	0.00
Bhainsara	Rajasthan	160	Solar	28.98	0.00	92.89	0.00
Shajapur	Madhya Pradesh	50	Solar	8.13	0.00	10.53	0.00
Shajapur	Madhya Pradesh	55	Solar	0.52	0.00	0.52	0.00
Total NTPC		3909		545.30	414.96	4798.18	4290.28
THDC							
Patan Wind Power Project	Gujarat	50.00	Wind	2.31	3.98	50.63	54.14
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	6.43	9.47	81.35	93.39
Solar Kasaragod	Kerala	50.00	Solar	8.65	7.84	54.89	60.82
Rishikesh office Premises (New)	Uttarakhand	0.50	Solar	0.03	0.04	0.34	0.34
Rishikesh office Premises (Old)	Uttarakhand	0.50	Solar	0.04	0.00	0.35	0.00
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	7.84	4.38	44.58	46.17
Total THDC		188.00		25.30	25.71	232.14	254.86
NHPC							
Wind Power Project	Rajasthan	50.00	Wind	2.82	3.33	35.25	41.91
Solar Power Project	Tamilnadu	50.00	Solar	5.94	6.24	57.28	47.33
Total NHPC		100.00		8.76	9.57	92.54	89.24
ONGC							
Bhuj	Gujarat	51.00	Wind	0.24	1.07	40.87	12.95
Jaisalmer	Rajasthan	102.00	Wind	1.81	4.07	73.74	79.86
Assam	Assam	1.66	Solar	0.10	0.00	1.03	0.15
Assam	Assam	1.09	Solar	0.11	0.00	0.91	1.59
Tripura	Tripura	0.25	Solar	0.01	0.00	0.13	0.72
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Solar	0.08	0.00	0.58	0.84
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.49	0.44	4.72	2.86
Cauvery	Tamil Nadu	0.46	Solar	0.03	0.00	0.36	0.13

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) November'24	RE Generation (MU) November'23	RE Generation (MU) April 2024- November 2024	RE Generation (MU) April 2023- November 2023
Vagara, Ankleshwar	Gujarat	5.00	Solar	0.75	0.68	4.91	4.21
Gujarat	Gujarat	4.23	Solar	0.39	0.00	2.82	0.48
Jodhpur	Rajasthan	0.16	Solar	0.02	0.00	0.13	0.15
Jaisalmer	Rajasthan	0.16	Solar	0.01	0.00	0.13	0.15
Uttarakhand	Uttarakhand	1.24	Solar	0.09	0.00	0.65	0.02
Goa	Goa	1.00	Solar	0.08	0.02	0.50	0.21
Hazira	Gujarat	10.00	Solar	1.21	0.00	8.72	0.01
Hazira	Gujarat	5.00	Solar	0.74	0.00	5.31	0.04
Mumbai (Uran & NBP Green Heights)	Maharashtra	0.29	Solar	0.10	0.00	0.62	0.01
DDU, Bhawan, Delhi	Delhi	0.30	Solar	0.00	0.00	0.14	0.03
ONGC Colony Noida	Uttar Pradesh	0.06	Solar	0.00	0.00	0.03	0.00
EOA Logistics Park, Kakinada	Andhra Pradesh	1.00	Solar	0.09	0.00	0.75	0.00
Cambay	Gujarat	2.00	Solar	0.33	0.22	2.35	0.22
Total ONGC		189.05		6.66	6.50	149.42	104.65
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	1.73	0.83	42.08	43.92
Sadla Wind Power	Gujarat	50.00	Wind	3.14	5.04	61.69	78.30
Charanka Solar Power	Gujarat	5.60	Solar	0.74	0.64	5.49	5.53
Wadhal Solar Power Project	Himachal Pradesh	1.00	Solar	0.09	0.09	0.93	0.73
Gurhah	Uttar Pradesh	75.00	Solar	10.42	0.00	101.21	0.00
Gujari	Uttar Pradesh	50.00	Solar	6.87	0.00	64.60	0.00
Parasan Solar Power	Uttar Pradesh	75.00	Solar	10.68	9.74	103.17	105.76
Raghnesdha Solar Power	Gujarat	100.00	Solar	18.03	0.00	116.64	0.00
Omkareshwar Floating Solar	Madhya Pradesh	90.00	solar	12.66	0.00	28.02	0.00
Total SJVN		494.20		64.34	16.34	523.82	234.23
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	1.87	1.62	15.56	16.30
Oil India Ltd	Rajasthan	67.60	Wind	1.21	2.02	48.75	44.31
Oil India Ltd	Gujarat	43.30	Wind	5.06	5.61	63.80	78.53

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) November'24	RE Generation (MU) November'23	RE Generation (MU) April 2024- November 2024	RE Generation (MU) April 2023- November 2023
Oil India Ltd	Madhya Pradesh	63.20	Wind	3.52	4.38	73.17	74.50
Total Oil India Ltd		188.10		11.67	13.64	201.29	213.63
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.51	0.05	3.76	2.27
NEEPCO	Assam	25.00	Small Hydro	9.14	14.96	130.37	87.31
NEEPCO Total		30.00		9.65	15.01	134.13	89.58
DVC							
DVC	West Bangal	10.10	Solar	1.15	0.01	11.04	0.04
DVC	Jharkhand	4.00	Small Hydro	0.02	0.10	1.02	0.10
Total DVC		14.10		1.18	0.10	12.06	0.14
All India Total		5117.17		672.86	501.83	6143.57	5276.61

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 November 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Northern Region					
Unchahar NTPC	Solar	0.88	0.92	0.04	4.55
Dadri NTPC	Solar	0.47	0.37	-0.10	-21.28
Singrauli NTPC	Solar	1.61	1.33	-0.28	-17.39
Auraiya NTPC	Solar	4.03	4.24	0.21	5.21
Kolayat NTPC	Solar	93.45	90.70	-2.75	-2.94
Nokhra NTPC	Solar	49.97	49.51	-0.46	-0.92
Devikot NTPC	Solar	41.42	40.27	-1.15	-2.78
ABC Renewable Energy	Solar	56.8	57.50	0.70	1.23
ACME DEOGARH	Solar	50.15	50.08	-0.07	-0.14
Acme Chittorgarh Energy Pvt Ltd.	Solar	40.77	42.38	1.61	3.95
Acme Heergharh Powertech Pvt Ltd	Solar	53.81	54.92	1.11	2.06
ACME PHALODI	Solar	45.9	44.10	-1.80	-3.92
ACME RAISAR	Solar	29.65	29.89	0.24	0.81
Adni Green Energy 2	Solar	46.13	45.10	-1.03	-2.23
Adni Hybrid	Solar	89.71	78.42	-11.29	-12.58
Adani Hybrid Energy Jaisalmer Four Limited	Solar	171.72	151.85	-19.87	-11.57
Adani Hybrid Energy Jaisalmer One Limited	Solar	104.66	89.99	-14.67	-14.02
Adani Hybrid Energy Jaisalmer Three Limited	Solar	72.3	62.83	-9.47	-13.10
Adani Hybrid Energy Jaisalmer Two Limited	Solar	74.16	64.80	-9.36	-12.62
ADANI SEJ2PL M	Solar	24.97	24.69	-0.28	-1.12
ADANI SEJ2PL P	Solar	25.67	26.20	0.53	2.06
ALTRA XERGI	Solar	72.49	73.71	1.22	1.68
AMP Energy Green Five	Solar	15.43	15.33	-0.10	-0.65
AMP Energy Green Six	Solar	17	17.13	0.13	0.76
AMPLUS_AGES	Solar	15.53	15.27	-0.26	-1.67
Anta Solar NTPC	Solar	14.61	14.51	-0.10	-0.68
ASERJ2PL	Solar	36.81	36.39	-0.42	-1.14

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of November 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
ASERJ2PL_BHDL	Solar	29.57	29.11	-0.46	-1.56
Adani Renewable Energy RJ Limited (RERJL)	Solar	36.44	36.81	0.37	1.02
Adani Jaisalmer One SEPL Solar	Solar	9.14	8.97	-0.17	-1.86
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Solar	8.52	8.65	0.13	1.53
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Solar	34.26	35.03	0.77	2.25
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Solar	53.9	52.96	-0.94	-1.74
Adept_ Renewable	Solar	18.25	17.85	-0.40	-2.19
Avaada Sunrays Energy Private Limited	Solar	60.72	61.83	1.11	1.83
Avaada RJHN Private Limited	Solar	38.41	39.33	0.92	2.40
Avaada Sunce Energy Private Limited	Solar	56.78	57.47	0.69	1.22
Avaada Sustainable RJ Project Private Ltd.	Solar	49.26	51.10	1.84	3.74
Ayana Renewable Three	Solar	35.66	32.19	-3.47	-9.73
Ayana Renewable Three Infirm	Solar	7.84	9.61	1.77	22.58
Ayana Renewable Power One Private Limited	Solar	50.98	52.08	1.10	2.16
Azure Power Forty One Private Limited	Solar	54.52	54.63	0.11	0.20
Azure Power Forty Three Private Ltd	Solar	101.86	102.83	0.97	0.95
AZURE SOLAR	Solar	23.86	24.51	0.65	2.72
Azure Power Maple Pvt Ltd	Solar	41.14	41.22	0.08	0.19
AZURE POWER THIRTY FIVE	Solar	20.32	20.31	-0.01	-0.05
Clean Solar Power (Jodhpur) Pvt Ltd	Solar	46.56	46.95	0.39	0.84
Clean Solar Power (Bhadla) Pvt Ltd	Solar	57.53	58.16	0.63	1.10
Eden Renewable Cite Private Limited	Solar	58	58.68	0.68	1.17
ENRICO RE	Solar	0	0.18	0.18	
GRIAN ENERGY	Solar	15.54	15.64	0.10	0.64
Juniper Green Cosmic PL	Solar	14.41	14.42	0.01	0.07
MEGA SOILS RENEWABLE PRIVATE LIMITED	Solar	45.55	46.87	1.32	2.90
Mega Surya Urja Pvt. Ltd	Solar	41.38	41.83	0.45	1.09
M/S. ONEVOLT Energy Private Limited	Solar	15.03	14.58	-0.45	-2.99
Nidan Solar Fatehgarh	Solar	57.22	55.51	-1.71	-2.99

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of November 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Solar	54.54	54.91	0.37	0.68
Renew Solar Power Pvt Ltd	Solar	9.11	8.93	-0.18	-1.98
Renew Solar Power Pvt Ltd. Bikaner	Solar	41.55	40.63	-0.92	-2.21
Renew Solar Urja Pvt Ltd	Solar	53.82	53.24	-0.58	-1.08
Renew Sun Bright Pvt Ltd	Solar	54.33	55.02	0.69	1.27
Renew Sun Waves Private Limited	Solar	53.49	53.20	-0.29	-0.54
Renew Surya Pratap	Solar	36.04	36.38	0.34	0.94
Renew Surya Ravi Pvt Ltd	Solar	47.63	46.02	-1.61	-3.38
Renew Surya Roshni	Solar	66.72	65.88	-0.84	-1.26
Renew Surya Vihaan	Solar	17.77	17.62	-0.15	-0.84
Renew Surya Ayaan	Solar	54.62	53.09	-1.53	-2.80
Rising Sun Energy	Solar	33.28	33.88	0.60	1.80
Serentica Renewables	Solar	32.82	31.57	-1.25	-3.81
Serentica Renewables 5PL	Solar	19.61	17.29	-2.32	-11.83
Tata Power Green Energy Limited	Solar	33.24	33.06	-0.18	-0.54
Tata Power Renewable Energy Ltd	Solar	50.63	51.82	1.19	2.35
TESEPL	Solar	7.83	7.76	-0.07	-0.89
Thar Surya 1	Solar	50.81	52.70	1.89	3.72
TPSL Banderwala	Solar	32.15	31.16	-0.99	-3.08
TPSL BKN2 INF	Solar	15.37	15.35	-0.02	-0.13
Tata Power SAURYA Limited	Solar	17.02	15.69	-1.33	-7.81
Transition Renewable Energy	Solar	14.93	13.74	-1.19	-7.97
Transition Green Energy	Solar	15.5	15.25	-0.25	-1.61
Transition Sustainable One	Solar	8.4	8.19	-0.21	-2.50
Western Region					
Beempow Energy	Solar	57.94	58.71	0.77	1.33
Arinsun Solar (Barsaitadesh)	Solar	36.65	37.76	1.11	3.03
Mahindra Solar (Badwar)	Solar	35.91	35.10	-0.81	-2.26
AVAADA_AGAR_RUMS	Solar	35.76	37.48	1.72	4.81
Athena_RUMS	Solar	37.05	36.79	-0.26	-0.70

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of November 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Masaya BWSPRA_KNDW	Solar	51.75	51.57	-0.18	-0.35
NTPC_REL_SJPR_RUMS	Solar	8.53	7.75	-0.78	-9.14
TPSOURY_KWAI_NMCH	Solar	42.17	42.14	-0.03	-0.07
Sherisha Raipur	Solar	7.71	7.51	-0.20	-2.59
Solapur Solar	Solar	1.48	1.45	-0.03	-2.03
AREH4L_PSS1	Solar	208.32	206.14	-2.18	-1.05
Electro Solaire Private Limited (ESPL RSP Solar)	Solar	38.69	38.95	0.26	0.67
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Solar	19.7	19.77	0.07	0.36
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Solar	20.35	20.63	0.28	1.38
RPL_SECI-II	Solar	28.52	20.44	-8.08	-28.33
Kawas NTPC	Solar	9.26	7.97	-1.29	-13.93
Gandhar_Solar	Solar	3.66	3.62	-0.04	-1.09
GSECL RSP	Solar	20.35	20.63	0.28	1.38
AGE25BL_PSS2_KPS1_SI	Solar	143.11	141.34	-1.77	-1.24
AGE24AL	Solar	68.88	59.19	-9.69	-14.07
Alfanar	Wind	29.8	9.16	-20.64	-69.26
AWEK1L WIND (RATADIYA)	Wind	61.38	15.37	-46.01	-74.96
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Wind	33.29	24.75	-8.54	-25.65
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Wind	50.7	39.02	-11.68	-23.04
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Wind	28.42	15.06	-13.36	-47.01
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Wind	28.63	16.07	-12.56	-43.87
GSECL_PH2	Wind	12.25	12.72	0.47	3.84
Ostro Kutch Wind Private Limited (OKWPL)	Wind	36.29	25.49	-10.80	-29.76
Avikiran Solar India Private Limited (ASIPL), Baranda	Wind	14.43	9.44	-4.99	-34.58
Apraava Khkrda Jam	Wind	40.36	36.25	-4.11	-10.18
Netra Kotda	Wind	18.66	7.95	-10.71	-57.40
Powerica Wind	Wind	7.03	5.23	-1.80	-25.60

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of November 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Torrent Sidpur Jam	Wind	21.52	19.35	-2.17	-10.08
NVWEPL_DAYAPAR_BHJ_W	Wind	2.3	6.68	4.38	190.43
SGEL RSP	Wind	17.41	17.68	0.27	1.55
Southern Region					
Beetam(Tuticorin)	Wind	31.91	21.01	-10.90	-34.16
GRTJIPL	Solar	24.04	25.12	1.08	4.49
Mytra	Wind	32.76	17.73	-15.03	-45.88
Orange	Wind	25.83	16.41	-9.42	-36.47
Green Infra	Wind	34.65	22.02	-12.63	-36.45
Hiriyur Ostro	Wind	36.93	18.90	-18.03	-48.82
Sprng Renewable Energy Pvt Ltd(Pugalur)	Wind	34.13	9.84	-24.29	-71.17
JSW Renew Energy Two Limited (Tuticorin)	Wind	43.75	28.50	-15.25	-34.86
JSW Savlaperi	Wind	35.56	26.80	-8.76	-24.63
Ettayapuram NTPC	Solar	41.72	36.89	-4.83	-11.58
ARPSPL KOPPAL	Wind	37.60	21.34	-16.26	-43.24
RSOPL KOPPAL	Wind	32.44	26.77	-5.67	-17.48
RSRPL KOPPAL	Wind	34.69	20.25	-14.44	-41.63
Serentica_koppal	Wind	27.42	26.41	-1.01	-3.68
Ramagundam Floating Solar	Solar	17.97	17.32	-0.65	-3.62
Simhadri Floating Solar	Solar	2.45	2.73	0.28	11.43

Source:- Deviation data for ISGS Projects is prepared from block wise data received from RPCs.

Table 5:-Fossil and Non-Fossil Generation for the Month of November 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of November 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	0.44	0.44	0.44	100.00
Delhi	0.00	111.18	0.00	0.00	64.96	64.96	176.14	36.88
Haryana	1945.18	0.00	0.00	0.00	194.75	194.75	2139.93	9.10
HP	0.00	0.00	0.00	1655.37	160.36	1815.73	1815.73	100.00
J & K	0.00	0.00	0.00	506.86	15.26	522.12	522.12	100.00
Ladakh	0.00	0.00	0.00	20.73	0.00	20.73	20.73	100.00
Punjab	2019.37	0.00	0.00	240.94	155.10	396.04	2415.41	16.40
Rajasthan	5244.83	61.44	687.61	137.12	4063.55	4888.28	10194.55	47.95
Uttar Pradesh	11359.39	22.62	315.06	50.87	719.66	1085.59	12467.60	8.71
Uttarakhand	0.00	0.00	0.00	805.85	77.81	883.66	883.66	100.00
Northern Region Total	20568.77	195.24	1002.67	3417.74	5451.89	9872.30	30636.31	32.22
WESTERN REGION								
Chhattisgarh	12664.08	0.00	0.00	6.77	259.21	265.98	12930.06	2.06
Gujarat	6500.57	61.36	761.46	289.53	2511.92	3562.91	10124.84	35.19
Madhya Pradesh	12417.48	0.00	0.00	447.16	865.31	1312.47	13729.95	9.56
Maharashtra	10329.87	327.22	777.48	248.00	1407.05	2432.53	13089.62	18.58
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.35	2.35	2.35	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	41912.00	388.58	1538.94	991.46	5051.28	7581.68	49882.26	15.20
SOUTHERN REGION								
Andhra Pradesh	5616.11	3.07	0.00	222.76	861.08	1083.84	6703.02	16.17

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of November 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	4224.44	0.00	0.00	466.36	626.27	1092.63	5317.07	20.55
Karnataka	2998.76	0.00	643.51	1211.82	2634.70	4490.03	7488.79	59.96
Kerala	0.00	0.00	0.00	454.58	204.42	659.00	659.00	100.00
Tamil Nadu	5415.76	145.42	1624.65	515.77	1544.32	3684.74	9245.92	39.85
Lakshadweep	5.24	0.00	0.00	0.00	0.01	0.01	5.25	0.15
Puducherry	0.00	17.10	0.00	0.00	1.02	1.02	18.12	5.63
Southern Region Total	18260.31	165.59	2268.16	2871.29	5871.81	11011.26	29437.16	37.41
EASTERN REGION								
Andaman Nicobar	29.91	0.00	0.00	0.00	3.81	3.81	33.72	11.30
Bihar	4891.91	0.00	0.00	0.00	27.43	27.43	4919.34	0.56
Jharkhand	3163.44	0.00	0.00	12.50	1.49	13.99	3177.43	0.44
Odisha	6140.14	0.00	0.00	506.41	115.75	622.16	6762.30	9.20
Sikkim	0.00	0.00	0.00	129.17	1.03	130.20	130.20	100.00
West Bengal	7481.66	0.00	0.00	181.19	163.20	344.39	7826.05	4.40
Eastern Region Total	21707.06	0.00	0.00	829.27	312.71	1141.98	22849.04	5.00
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	329.05	0.17	329.22	329.22	100.00
Assam	349.72	277.84	0.00	64.88	41.17	106.05	733.61	14.46
Manipur	0.00	0.00	0.00	75.55	0.74	76.29	76.29	100.00
Meghalaya	0.00	0.00	0.00	32.27	5.70	37.97	37.97	100.00
Mizoram	0.00	0.00	0.00	12.25	5.64	17.89	17.89	100.00
Nagaland	0.00	0.00	0.00	7.13	13.61	20.74	20.74	100.00
Tripura	0.00	406.31	0.00	0.00	0.52	0.52	406.83	0.13
North Eastern Region Total	349.72	684.15	0.00	521.13	67.57	588.70	1622.57	36.28
All India Total	102797.86	1433.56	4809.77	8630.89	16755.26	30195.92	134427.34	22.46

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

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – November 2024								
State/UT	Fossil		Non Fossil			Total Non-Fossil (6)=((3)+(4)+(5))	Grand Total (7)=((1)+(2)+(3) + (4)+(5)	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	6.93	6.93	6.93	100.00
Delhi	0.00	3324.44	0.00	0.00	513.69	513.69	3838.13	13.38
Haryana	21235.00	215.37	0.00	0.00	1458.62	1458.62	22908.99	6.37
HP	0.00	0.00	0.00	34214.75	2772.63	36987.38	36987.38	100.00
J & K	0.00	0.00	0.00	13187.06	339.90	13526.96	13526.96	100.00
Ladakh	0.00	0.00	0.00	357.91	0.00	357.91	357.91	100.00
Punjab	23534.31	0.00	0.00	3123.16	2038.44	5161.60	28695.91	17.99
Rajasthan	42441.08	692.38	5158.40	390.50	37350.33	42899.23	86032.69	49.86
Uttar Pradesh	109676.83	1148.46	2467.33	892.24	4048.43	7408.00	118233.29	6.27
Uttarakhand	0.00	836.59	0.00	11985.52	622.48	12608.00	13444.59	93.78
Northern Region Total	196887.22	6217.24	7625.73	64151.14	49151.46	120928.33	324032.79	37.32
WESTERN REGION								
Chhattisgarh	107869.95	0.00	0.00	283.00	2067.36	2350.36	110220.31	2.13
Gujarat	57108.54	7732.51	7658.42	4761.29	29163.01	41582.72	106423.77	39.07
Madhya Pradesh	95883.18	0.00	0.00	5756.91	7857.31	13614.22	109497.40	12.43
Maharashtra	86071.03	4048.28	6276.77	3704.03	12529.57	22510.37	112629.68	19.99
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	18.15	18.15	18.15	100.00
Goa	0.00	0.00	0.00	0.00	43.50	43.50	43.50	100.00
Western Region Total	346932.70	11780.79	13935.19	14505.23	51678.91	80119.33	438832.82	18.26
SOUTHERN REGION								
Andhra Pradesh	47513.58	34.04	0.00	2513.72	11267.08	13780.80	61328.42	22.47
Telangana	36913.56	0.00	0.00	4637.00	4910.29	9547.29	46460.85	20.55
Karnataka	27433.39	0.00	5172.52	8747.30	22962.15	36881.97	64315.36	57.35
Kerala	1.53	0.00	0.00	5044.54	1887.56	6932.10	6933.63	99.98

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2024 – November 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	50008.59	1152.52	11171.87	3194.06	24743.38	39109.31	90270.42	43.32
Lakshadweep	44.28	0.00	0.00	0.00	0.06	0.06	44.34	0.14
Puducherry	0.00	140.33	0.00	0.00	8.16	8.16	148.49	5.50
Southern Region Total	161914.93	1326.89	16344.39	24136.62	65778.69	106259.70	269501.52	39.43
EASTERN REGION								
Andaman Nicobar	246.32	0.00	0.00	0.00	27.13	27.13	273.45	9.92
Bihar	40849.42	0.00	0.00	0.00	231.14	231.14	41080.56	0.56
Jharkhand	26505.48	0.00	0.00	216.09	12.78	228.87	26734.35	0.86
Odisha	44725.85	0.00	0.00	4854.61	924.35	5778.96	50504.81	11.44
Sikkim	0.00	0.00	0.00	1770.04	8.24	1778.28	1778.28	100.00
West Bengal	62138.96	0.00	0.00	1998.31	1286.60	3284.91	65423.87	5.02
Eastern Region Total	174466.03	0.00	0.00	8839.05	2490.23	11329.28	185795.31	6.10
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	3548.02	1.15	3549.17	3549.17	100.00
Assam	3369.59	2243.61	0.00	797.45	374.46	1171.91	6785.11	17.27
Manipur	0.00	0.00	0.00	501.86	5.72	507.58	507.58	100.00
Meghalaya	0.00	0.00	0.00	785.09	97.26	882.35	882.35	100.00
Mizoram	0.00	0.00	0.00	207.08	54.91	261.99	261.99	100.00
Nagaland	0.00	0.00	0.00	196.54	79.40	275.94	275.94	100.00
Tripura	0.00	3368.16	0.00	0.00	3.87	3.87	3372.03	0.11
North Eastern Region Total	3369.59	5611.77	0.00	6036.04	616.77	6652.81	15634.17	42.55
All India Total	883570.47	24936.69	37905.31	117668.08	169716.06	325289.45	1233796.61	26.36

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

Renewable Energy (State Wise) Generation(MU) for the Month of November 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	0.44	0.44	0.44	100.00
Delhi	0.00	111.18	0.00	0.00	64.96	64.96	176.14	36.88
Haryana	1945.18	0.00	0.00	0.00	194.75	194.75	2139.93	9.10
HP	0.00	0.00	0.00	1655.37	160.36	1815.73	1815.73	100.00
J & K	0.00	0.00	0.00	506.86	15.26	522.12	522.12	100.00
Ladakh	0.00	0.00	0.00	20.73	0.00	20.73	20.73	100.00
Punjab	2019.37	0.00	0.00	240.94	155.10	396.04	2415.41	16.40
Rajasthan	5244.83	61.44	687.61	137.12	4063.55	4200.67	10194.55	41.21
Uttar Pradesh	11359.39	22.62	315.06	50.87	719.66	770.53	12467.60	6.18
Uttarakhand	0.00	0.00	0.00	805.85	77.81	883.66	883.66	100.00
Northern Region Total	20568.77	195.24	1002.67	3417.74	5451.89	8869.63	30636.31	28.95
WESTERN REGION								
Chhattisgarh	12664.08	0.00	0.00	6.77	259.21	265.98	12930.06	2.06
Gujarat	6500.57	61.36	761.46	289.53	2511.92	2801.45	10124.84	27.67
Madhya Pradesh	12417.48	0.00	0.00	447.16	865.31	1312.47	13729.95	9.56
Maharashtra	10329.87	327.22	777.48	248.00	1407.05	1655.05	13089.62	12.64
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.35	2.35	2.35	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	41912.00	388.58	1538.94	991.46	5051.28	6042.74	49882.26	12.11
SOUTHERN REGION								
Andhra Pradesh	5616.11	3.07	0.00	222.76	861.08	1083.84	6703.02	16.17
Telangana	4224.44	0.00	0.00	466.36	626.27	1092.63	5317.07	20.55
Karnataka	2998.76	0.00	643.51	1211.82	2634.70	3846.52	7488.79	51.36

Renewable Energy (State Wise) Generation(MU) for the Month of November 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	454.58	204.42	659.00	659.00	100.00
Tamil Nadu	5415.76	145.42	1624.65	515.77	1544.32	2060.09	9245.92	22.28
Lakshadweep	5.24	0.00	0.00	0.00	0.01	0.01	5.25	0.15
Puducherry	0.00	17.10	0.00	0.00	1.02	1.02	18.12	5.63
Southern Region Total	18260.31	165.59	2268.16	2871.29	5871.81	8743.10	29437.16	29.70
EASTERN REGION								
Andaman Nicobar	29.91	0.00	0.00	0.00	3.81	3.81	33.72	11.30
Bihar	4891.91	0.00	0.00	0.00	27.43	27.43	4919.34	0.56
Jharkhand	3163.44	0.00	0.00	12.50	1.49	13.99	3177.43	0.44
Odisha	6140.14	0.00	0.00	506.41	115.75	622.16	6762.30	9.20
Sikkim	0.00	0.00	0.00	129.17	1.03	130.20	130.20	100.00
West Bengal	7481.66	0.00	0.00	181.19	163.20	344.39	7826.05	4.40
Eastern Region Total	21707.06	0.00	0.00	829.27	312.71	1141.98	22849.04	5.00
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	329.05	0.17	329.22	329.22	100.00
Assam	349.72	277.84	0.00	64.88	41.17	106.05	733.61	14.46
Manipur	0.00	0.00	0.00	75.55	0.74	76.29	76.29	100.00
Meghalaya	0.00	0.00	0.00	32.27	5.70	37.97	37.97	100.00
Mizoram	0.00	0.00	0.00	12.25	5.64	17.89	17.89	100.00
Nagaland	0.00	0.00	0.00	7.13	13.61	20.74	20.74	100.00
Tripura	0.00	406.31	0.00	0.00	0.52	0.52	406.83	0.13
North Eastern Region Total	349.72	684.15	0.00	521.13	67.57	588.70	1622.57	36.28
All India Total	102797.86	1433.56	4809.77	8630.89	16755.26	25386.15	134427.34	18.88

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

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- November 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	6.93	6.93	6.93	100.00
Delhi	0.00	3324.44	0.00	0.00	513.69	513.69	3838.13	13.38
Haryana	21235.00	215.37	0.00	0.00	1458.62	1458.62	22908.99	6.37
HP	0.00	0.00	0.00	34214.75	2772.63	36987.38	36987.38	100.00
J & K	0.00	0.00	0.00	13187.06	339.90	13526.96	13526.96	100.00
Ladakh	0.00	0.00	0.00	357.91	0.00	357.91	357.91	100.00
Punjab	23534.31	0.00	0.00	3123.16	2038.44	5161.60	28695.91	17.99
Rajasthan	42441.08	692.38	5158.40	390.50	37350.33	37740.83	86032.69	43.87
Uttar Pradesh	109676.83	1148.46	2467.33	892.24	4048.43	4940.67	118233.29	4.18
Uttarakhand	0.00	836.59	0.00	11985.52	622.48	12608.00	13444.59	93.78
Northern Region Total	196887.22	6217.24	7625.73	64151.14	49151.46	113302.60	324032.79	34.97
WESTERN REGION								
Chhattisgarh	107869.95	0.00	0.00	283.00	2067.36	2350.36	110220.31	2.13
Gujarat	57108.54	7732.51	7658.42	4761.29	29163.01	33924.30	106423.77	31.88
Madhya Pradesh	95883.18	0.00	0.00	5756.91	7857.31	13614.22	109497.40	12.43
Maharashtra	86071.03	4048.28	6276.77	3704.03	12529.57	16233.60	112629.68	14.41
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	18.15	18.15	18.15	100.00
Goa	0.00	0.00	0.00	0.00	43.50	43.50	43.50	100.00
Western Region Total	346932.70	11780.79	13935.19	14505.23	51678.91	66184.14	438832.82	15.08
SOUTHERN REGION								
Andhra Pradesh	47513.58	34.04	0.00	2513.72	11267.08	13780.80	61328.42	22.47
Telangana	36913.56	0.00	0.00	4637.00	4910.29	9547.29	46460.85	20.55
Karnataka	27433.39	0.00	5172.52	8747.30	22962.15	31709.45	64315.36	49.30

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- November 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	5044.54	1887.56	6932.10	6933.63	99.98
Tamil Nadu	50008.59	1152.52	11171.87	3194.06	24743.38	27937.44	90270.42	30.95
Lakshadweep	44.28	0.00	0.00	0.00	0.06	0.06	44.34	0.14
Puducherry	0.00	140.33	0.00	0.00	8.16	8.16	148.49	5.50
Southern Region Total	161914.93	1326.89	16344.39	24136.62	65778.69	89915.31	269501.52	33.36
EASTERN REGION								
Andaman Nicobar	246.32	0.00	0.00	0.00	27.13	27.13	273.45	9.92
Bihar	40849.42	0.00	0.00	0.00	231.14	231.14	41080.56	0.56
Jharkhand	26505.48	0.00	0.00	216.09	12.78	228.87	26734.35	0.86
Odisha	44725.85	0.00	0.00	4854.61	924.35	5778.96	50504.81	11.44
Sikkim	0.00	0.00	0.00	1770.04	8.24	1778.28	1778.28	100.00
West Bengal	62138.96	0.00	0.00	1998.31	1286.60	3284.91	65423.87	5.02
Eastern Region Total	174466.03	0.00	0.00	8839.05	2490.23	11329.28	185795.31	6.10
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	3548.02	1.15	3549.17	3549.17	100.00
Assam	3369.59	2243.61	0.00	797.45	374.46	1171.91	6785.11	17.27
Manipur	0.00	0.00	0.00	501.86	5.72	507.58	507.58	100.00
Meghalaya	0.00	0.00	0.00	785.09	97.26	882.35	882.35	100.00
Mizoram	0.00	0.00	0.00	207.08	54.91	261.99	261.99	100.00
Nagaland	0.00	0.00	0.00	196.54	79.40	275.94	275.94	100.00
Tripura	0.00	3368.16	0.00	0.00	3.87	3.87	3372.03	0.11
North Eastern Region Total	3369.59	5611.77	0.00	6036.04	616.77	6652.81	15634.17	42.55
All India Total	883570.47	24936.69	37905.31	117668.08	169716.06	287384.14	1233796.61	23.29

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

RE generation(MUs) data (source wise) for the month of November -2024 and November 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23
NORTHERN REGION														
Chandigarh	0.00	0.00	0.44	0.63	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	47.75	46.43	0.00	0.00
Haryana	0.00	0.00	122.22	96.90	32.03	20.79	0.00	3.11	37.34	21.14	3.16	4.57	0.00	0.00
Himachal Pradesh	0.00	0.00	9.91	5.79	0.00	0.00	0.00	0.00	150.45	148.29	0.00	0.00	1655.37	1638.73
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.26	20.69	0.00	0.00	506.86	589.14
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	20.73	22.07
Punjab	0.00	0.00	71.00	69.99	60.41	56.43	5.33	3.87	18.36	29.59	0.00	0.00	240.94	278.41
Rajasthan	175.82	360.94	3853.68	2405.77	34.04	32.92	0.00	0.00	0.01	0.10	0.00	0.00	137.12	142.15
Uttar Pradesh	0.00	0.00	351.86	267.04	9.96	0.46	339.42	373.97	16.50	9.33	1.91	5.36	50.87	32.42
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	805.85	801.78
Northern Region	175.82	360.94	4453.97	2890.98	136.44	110.60	365.46	401.65	267.37	258.59	52.82	56.37	3417.74	3504.70
WESTERN REGION														
Chhattisgarh	0.00	0.00	114.47	57.75	133.75	112.79	0.62	0.00	10.37	8.55	0.00	0.00	6.77	10.37
Gujarat	856.92	1277.67	1632.40	1020.28	10.56	0.00	0.00	0.74	12.05	15.61	0.00	0.00	289.53	256.76
Madhya Pradesh	160.45	194.47	648.47	282.01	6.77	6.65	1.58	2.12	41.41	40.57	6.64	2.88	447.16	446.18
Maharashtra	372.71	323.42	706.26	427.16	14.45	23.24	249.41	509.32	55.24	61.43	8.98	5.26	248.00	250.44
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.23	1.28	1.12	0.00	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	1.06	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 November -2024 and November 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23
Western Region	1390.08	1795.56	3107.59	1793.23	166.64	143.74	251.60	512.17	119.07	126.17	16.30	8.82	991.46	963.75
SOUTHERN REGION														
Andhra Pradesh	224.14	362.93	559.41	565.85	2.53	0.61	7.24	7.59	43.48	5.38	24.28	25.81	222.76	117.36
Telangana	16.91	19.65	569.05	476.53	0.27	0.04	9.50	6.93	9.70	7.16	20.84	11.62	466.36	55.77
Karnataka	808.55	574.45	1258.45	1095.00	1.33	4.73	333.87	460.72	232.49	211.95	0.00	0.00	1211.82	398.45
Kerala	3.99	5.05	134.26	95.81	0.00	0.00	0.00	6.70	58.91	74.26	7.26	0.00	454.58	312.54
Tamil Nadu	489.83	425.70	1007.56	774.15	7.72	10.57	10.42	33.65	28.79	18.02	0.00	0.00	515.77	220.01
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	1543.42	1387.77	3529.76	3008.36	11.85	15.95	361.03	515.59	373.37	316.76	52.38	37.44	2871.29	1104.13
EASTERN REGION														
Andaman Nicobar	0.00	0.00	2.03	1.90	0.00	0.00	0.00	0.00	1.78	1.56	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	24.70	16.21	0.00	0.00	2.70	10.13	0.03	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	0.02	0.00	0.00	0.00	12.50	13.67
Odisha	0.00	0.00	66.76	62.69	6.53	8.34	0.00	0.00	42.46	26.08	0.00	0.00	506.41	380.37
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	129.17	110.27
West Bengal	0.00	0.00	29.22	17.31	0.00	0.00	0.00	0.00	19.27	17.76	114.71	125.09	181.19	142.72
Eastern Region	0.00	0.00	124.17	99.58	6.53	8.34	2.70	10.13	64.59	46.43	114.71	125.09	829.27	647.03

RE generation(MUs) data (source wise) for the month of November -2024 and November 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	November' 23	November' 24	Novemb er'23	Novem ber'24	November '23	November' 24	November'2 3
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.12	0.19	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.00	329.05	242.85
Assam	0.00	0.00	26.76	27.67	0.00	0.00	0.00	0.00	14.40	6.10	0.02	0.07	64.88	68.50
Manipur	0.00	0.00	0.74	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.55	32.01
Megh alaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.70	7.03	0.00	0.00	32.27	44.21
Mizoram	0.00	0.00	2.88	0.27	0.00	0.00	0.00	0.00	2.76	7.99	0.00	0.00	12.25	7.64
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.61	5.45	0.00	0.00	7.13	6.47
Tripura	0.00	0.00	0.52	0.05	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	31.03	28.78	0.00	0.00	0.00	0.00	36.52	26.63	0.02	0.07	521.13	401.68
All India Total	3109.33	3544.27	11246.52	7820.94	321.47	278.62	980.79	1439.55	860.92	774.58	236.23	227.79	8630.89	6621.29

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

RE generation(MUs) data (source wise) for the period of April 2024 –November 2024 and April 2023 –November 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23
NORTHERN REGION														
Chandigarh	0.00	0.00	6.93	9.36	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	137.69	137.69	0.00	0.00	0.00	0.00	0.00	0.00	376.00	335.62	0.00	0.00
Haryana	0.00	0.00	981.14	604.72	231.11	198.20	44.60	54.35	165.28	157.66	36.49	40.34	0.00	0.00
Himachal Pradesh	0.00	0.00	61.30	40.18	0.00	0.00	0.00	0.00	2711.33	2222.56	0.00	0.00	34214.75	30838.14
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	339.90	331.02	0.00	0.00	13187.06	13488.70
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	357.91	329.39
Punjab	0.00	0.00	950.84	2329.68	447.29	381.33	140.81	50.74	499.50	482.20	0.00	0.00	3123.16	3492.94
Rajasthan	4845.94	6369.81	32247.18	25374.59	256.34	244.87	0.00	0.00	0.87	1.13	0.00	0.00	390.50	505.22
Uttar Pradesh	0.00	0.00	3243.70	2711.31	29.09	20.28	645.55	976.87	108.30	105.24	21.80	75.18	892.24	639.41
Uttarakhand	0.00	0.00	221.20	221.20	0.00	0.00	165.68	165.68	235.60	235.60	0.00	0.00	11985.52	11119.31
Northern Region	4845.94	6369.81	37849.98	31428.73	963.82	844.68	996.64	1247.64	4060.78	3535.41	434.29	451.14	64151.14	60413.11
WESTERN REGION														
Chhattisgarh	0.00	0.00	961.68	537.38	981.83	911.07	3.96	4.55	119.89	126.98	0.00	0.00	283.00	254.21
Gujarat	17067.33	17776.16	11956.34	8433.89	28.41	0.00	0.00	0.74	110.94	126.25	0.00	0.00	4761.29	3464.04
Madhya Pradesh	3346.45	3659.65	4072.23	2376.34	37.48	57.17	38.93	12.06	320.70	314.00	41.53	17.47	5756.91	4951.21
Maharashtra	6462.34	6739.75	4623.41	3664.16	168.60	204.34	659.75	858.94	554.72	616.75	60.75	8.58	3704.03	4060.56
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	9.97	9.96	8.18	7.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	38.07	40.96	0.00	1.06	0.00	0.00	0.00	0.00	5.42	4.57	0.00	0.00

RE generation(MUs) data (source wise) for the period of April 2024 –November 2024 and April 2023 –November 2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24- Nov'24	Apr'23- Nov'23	Apr'24- Nov'24	Apr'23- Nov'23	Apr'24- Nov'24	Apr'23- Nov'23	Apr'24- Nov'24	Apr'23- Nov'23	Apr'24- Nov'24	Apr'23- Nov'23	Apr'24- Nov'24	Apr'23- Nov'23	Apr'24- Nov'24	Apr'23- Nov'23
Western Region	26876.12	28175.56	21661.70	15062.69	1224.50	1181.10	702.65	876.29	1106.25	1183.98	107.70	30.62	14505.23	12730.02
SOUTHERN REGION														
Andhra Pradesh	5729.29	6834.87	5154.38	5412.36	11.52	11.76	23.85	23.41	141.78	86.24	206.26	204.22	2513.72	986.36
Telangana	216.11	220.58	4450.66	4449.81	5.93	2.31	9.57	18.41	56.94	44.36	171.09	94.18	4637.00	977.03
Karnataka	10246.42	8495.02	10029.01	9937.95	21.81	40.55	830.28	1106.44	1834.64	1231.86	0.00	0.00	8747.30	6830.81
Kerala	92.11	188.07	1067.40	740.20	0.00	0.00	20.53	53.53	671.71	568.72	35.81	0.03	5044.54	3538.26
Tamil Nadu	14229.91	14427.68	10042.21	7717.26	73.32	83.85	227.22	371.20	170.72	114.17	0.00	0.00	3194.06	2555.29
Lakshadweep	0.00	0.00	0.06	0.06	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	8.16	8.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	30513.84	30166.22	30751.88	28265.81	112.58	138.47	1111.44	1573.00	2875.79	2045.34	413.16	298.43	24136.62	14887.75
EASTERN REGION														
Andaman Nicobar	0.00	0.00	16.10	15.49	0.00	0.00	0.00	0.00	11.03	8.13	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	213.24	125.69	0.00	0.00	5.97	47.64	11.93	5.38	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	11.76	11.76	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00	216.09	159.23
Odisha	0.00	0.00	514.73	488.50	45.11	63.90	0.00	0.00	364.50	331.28	0.00	0.00	4854.61	4627.51
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.24	8.24	0.00	0.00	1770.04	8421.61
West Bengal	0.00	0.00	186.44	103.21	0.00	0.00	0.00	0.00	129.52	150.88	970.64	1029.60	1998.31	2191.31
Eastern Region	0.00	0.00	942.27	744.64	45.11	63.90	5.97	47.64	526.24	503.90	970.64	1029.60	8839.05	15399.66
NORTH-EASTERN REGION														

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23	Apr'24-Nov'24	Apr'23-Nov'23
Arunachal Pradesh	0.00	0.00	0.76	1.50	0.00	0.00	0.00	0.00	0.39	0.47	0.00	0.00	3548.02	3570.13
Assam	0.00	0.00	202.31	211.32	0.00	0.00	0.00	0.00	171.91	51.85	0.24	0.29	797.45	477.73
Manipur	0.00	0.00	5.72	5.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	501.86	215.56
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.26	46.57	0.00	0.00	785.09	673.92
Mizoram	0.00	0.00	13.85	2.12	0.00	0.00	0.00	0.00	41.07	63.95	0.00	0.00	207.08	73.17
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.40	67.48	0.00	0.00	196.54	149.62
Tripura	0.00	0.00	3.87	3.09	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	226.50	223.20	0.00	0.00	0.00	0.00	390.03	230.32	0.24	1.52	6036.04	5160.13
All India Total	62235.90	64711.59	91432.33	75725.07	2346.01	2228.16	2816.70	3744.56	8959.10	7498.95	1926.03	1811.31	117668.08	108590.67



This report is published by
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