



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

January-2025/ जनवरी-2025

नवीकरणीय परियोजना प्रबोधन प्रभाग

Renewable Project Monitoring Division

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Highlights of RE GENERATION

1. RE capacity addition during January 2025 has been 2725.63 MW (Solar – 2465.11 MW, Wind – 202.10 MW, Waste to energy –43.52 MW, Biomass-14.90 MW).
2. All India RE generation during January 2025 has increased by 27.47 % as compared to January 2024.
3. Large Hydro Power generation during January 2025 as compared to January 2024 has increased by 16.31 % on All India Basis except Jammu & Kashmir, Ladakh, Punjab, Uttarakhand, Gujrat, West Bengal, Odisha, Mizoram and Meghalaya.
4. Solar Power generation during January 2025 as compared to January 2024 has increased by 36.38 % on All India Basis.
5. Wind Power generation during January 2025 as compared to January 2024 has increased by 38.34 % on All India Basis except Maharashtra, Andhra Pradesh and Telangana.
6. Biomass Power generation during January 2025 as compared to January 2024 has increased by 16.34 % on All India Basis except Tamil Nadu and Odisha.
7. Bagasse power generation during January 2025 as compared to January 2024 has increased by 3.74 % on All India Basis except Haryana, Uttar Pradesh, Telangana and Tamil Nadu.
8. Others (Waste to Energy) Power generation has increased by 7.21 % during January 2025 as compared to January 2024 on All India basis.
9. Small Hydro Power generation during January 2025 as compared to January 2024 has increased by 29.34 % on All India Basis except Jammu and Kashmir, Punjab, Haryana, Rajasthan, Madhya Pradesh and Maharashtra.
10. The generation from ISGS stations (Solar and Wind plants) for the month of January 2025 is 5627.26 MUs which is 19.69 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of January 2025 is 836.69 MUs which is 2.93 % of the Monthly RE generation during the month.

Figure 1: All India Month wise RE Capacity Addition

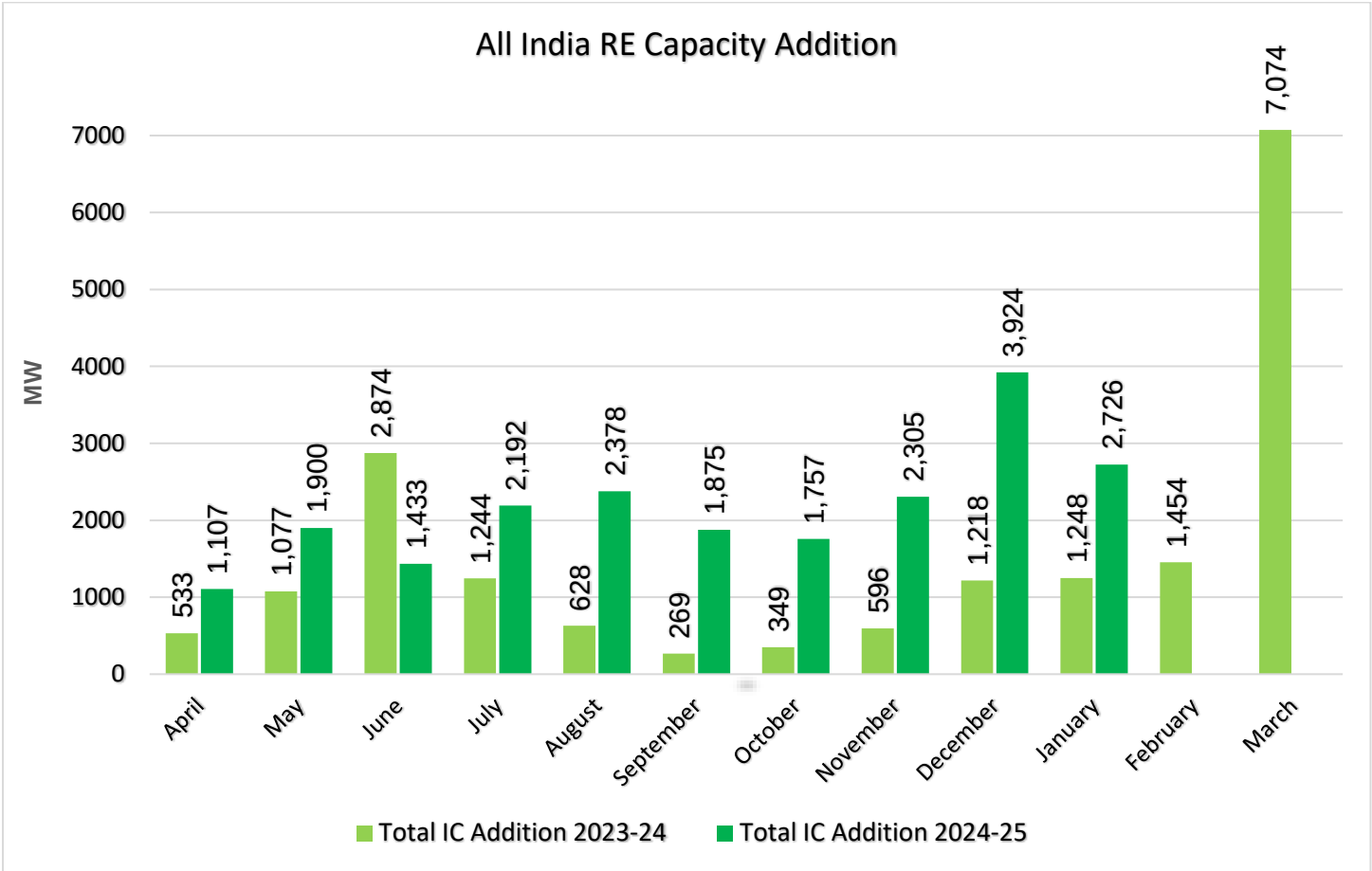


Figure 2: All India Month wise Solar Capacity Addition

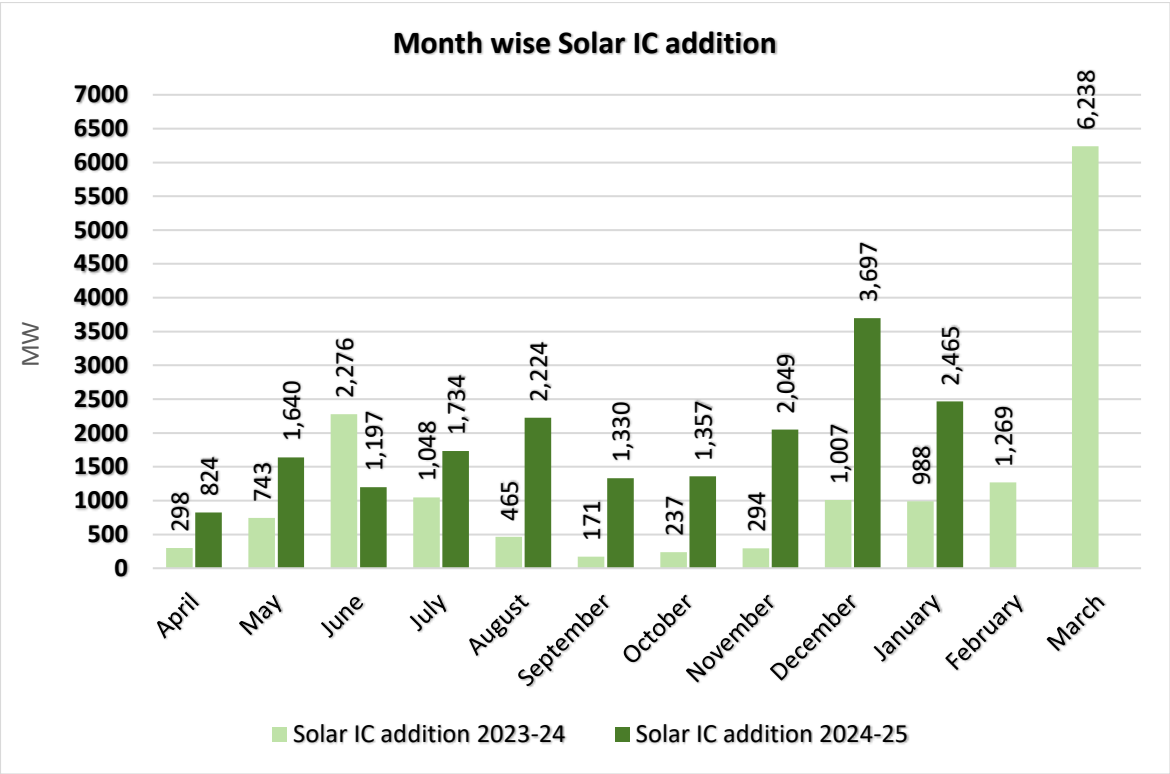
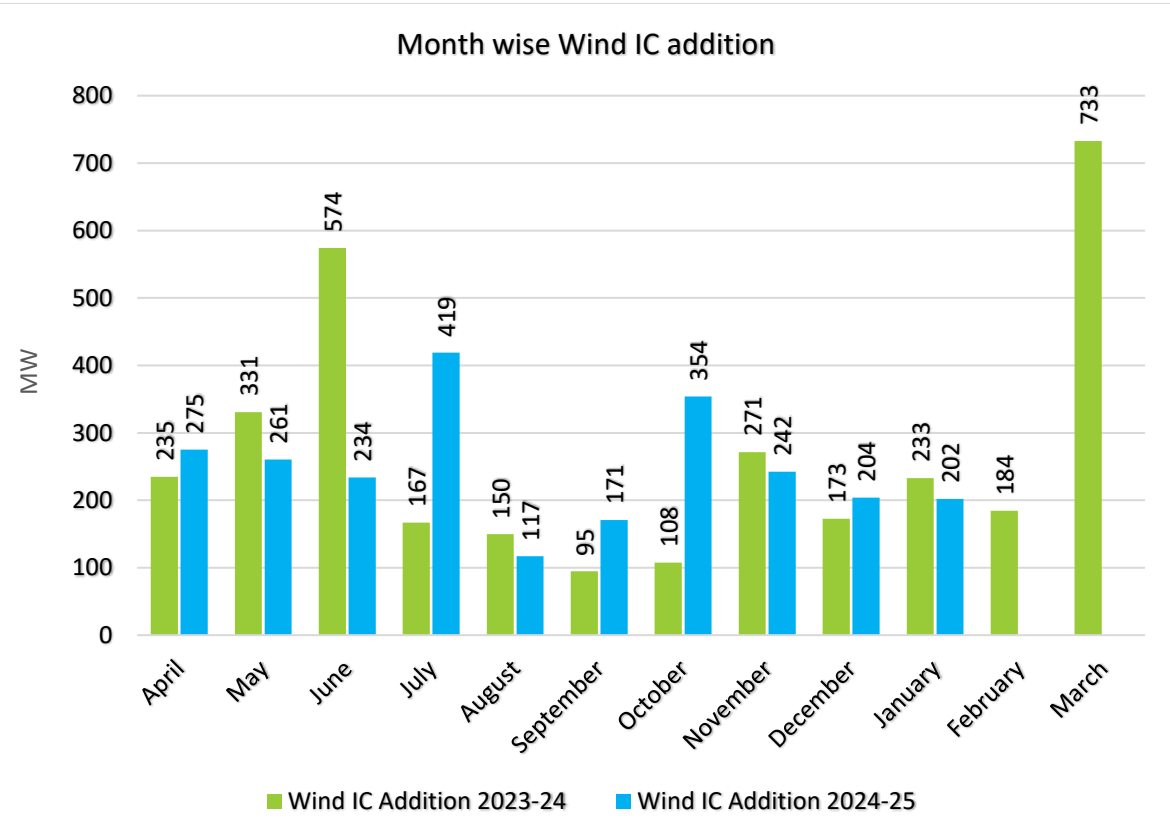


Figure 3: All India Month wise Wind Capacity Addition



Summary of RE Capacity Addition for the Month of January '25

Increased by 218.42 % as compared to January 24.
Decreased by 30.53 % as compared to December 24.

Figure 4: Monthly RE Capacity Addition

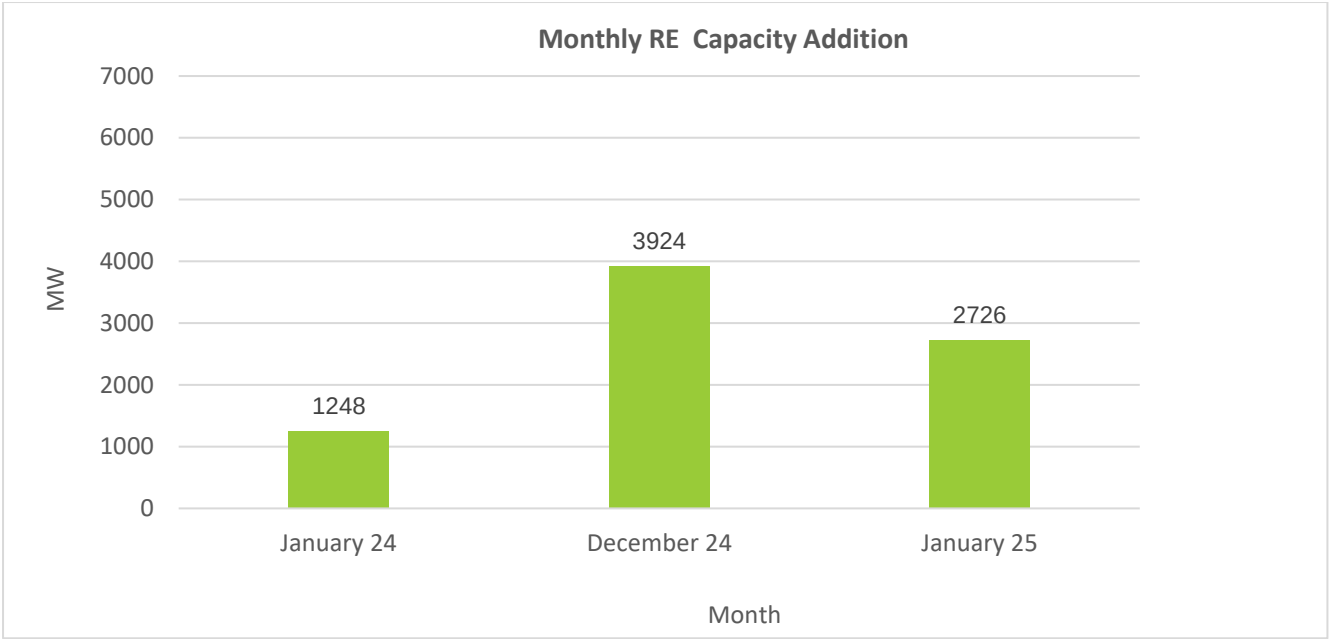


Figure 5: Source wise addition in RE Installed Capacity in January 2025

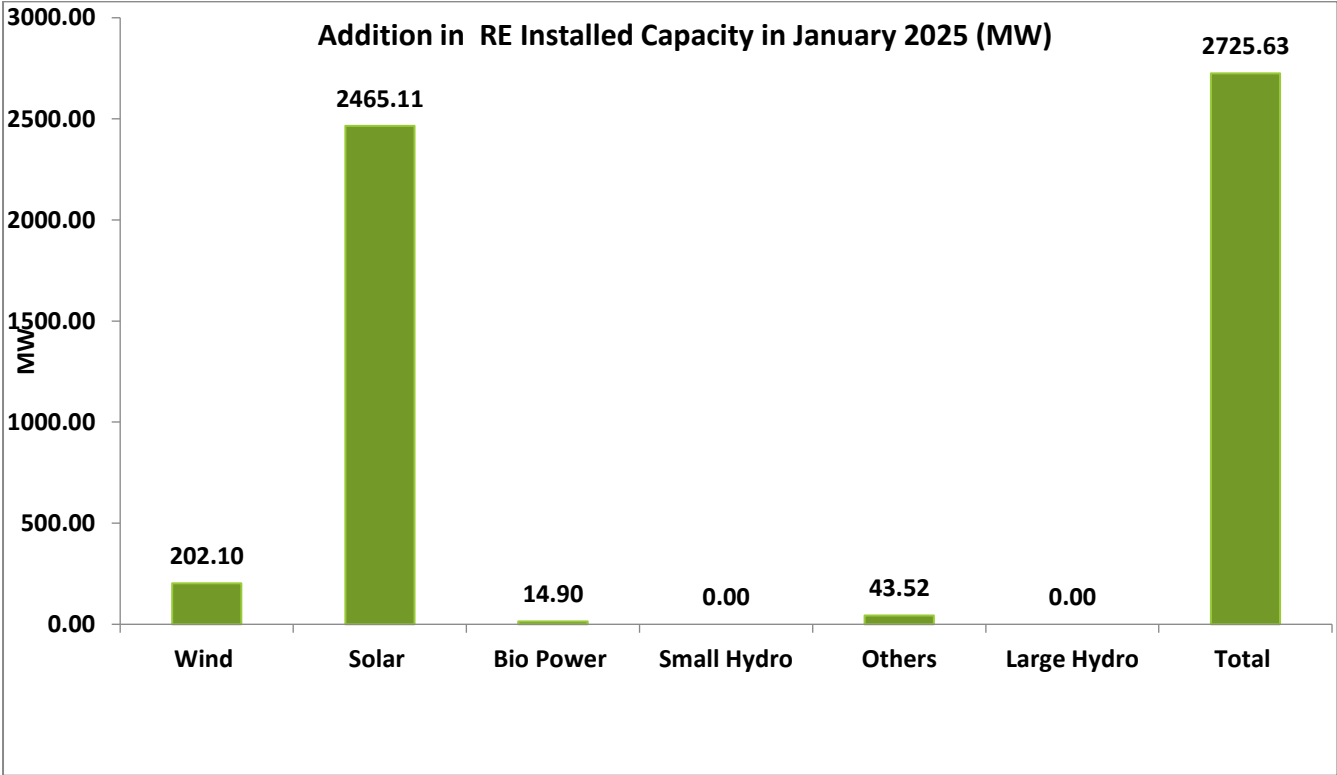


Figure 6: Installed Capacity in India as on 31.01.2025

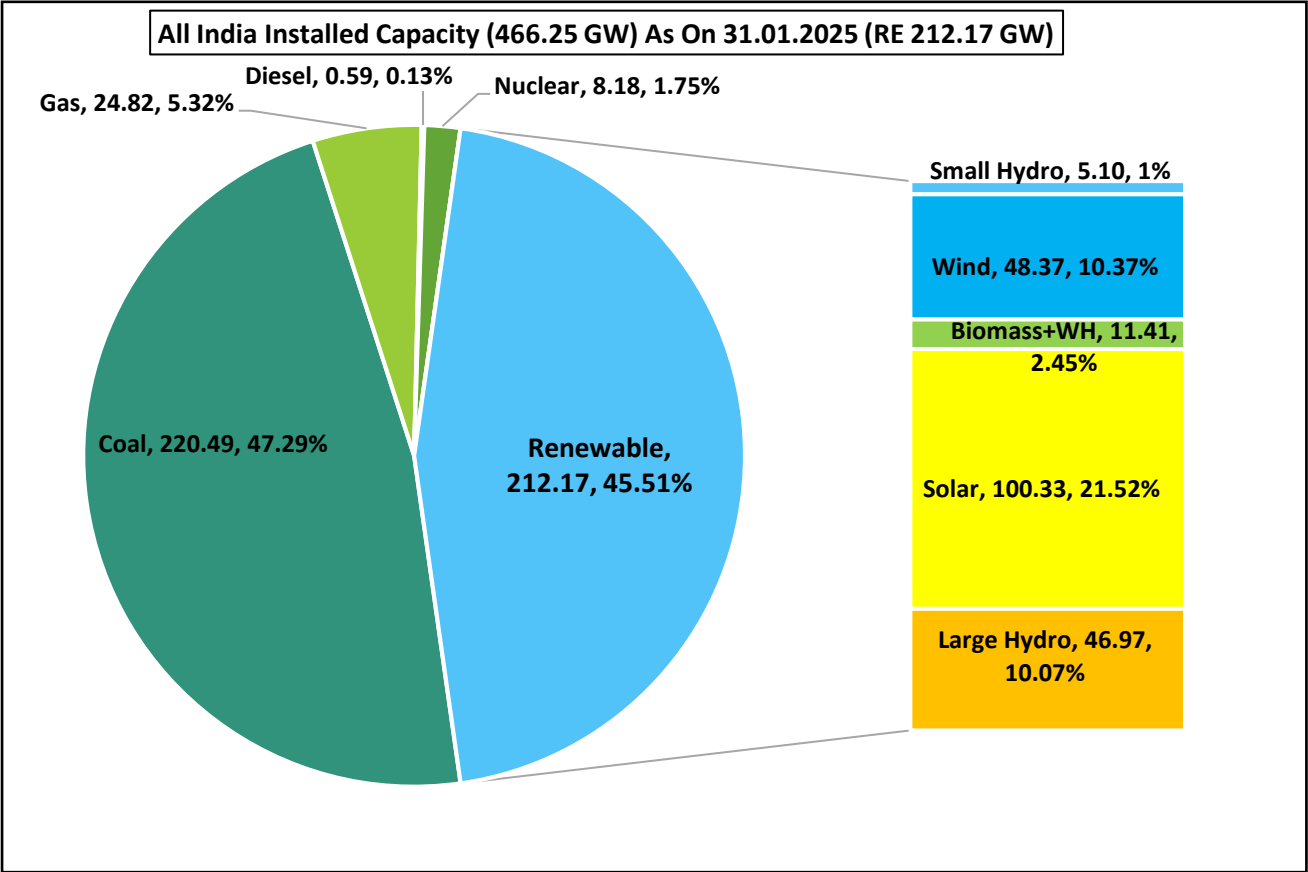


Figure 7: Cumulative Total Energy Generation in India and Share of RE for the year 2024-25

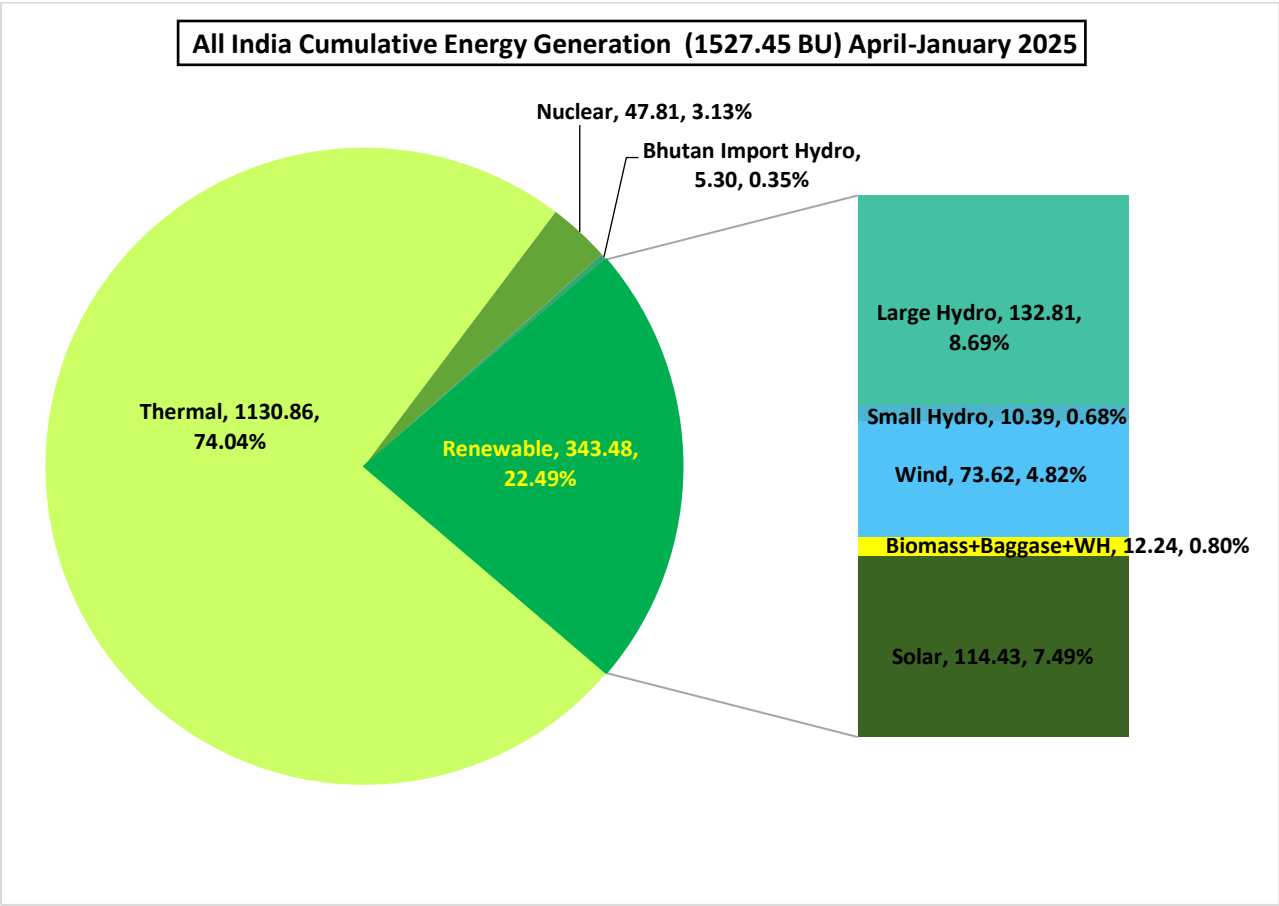


Figure 8: Total Energy Generation in India and Share of RE in the month of January 2025

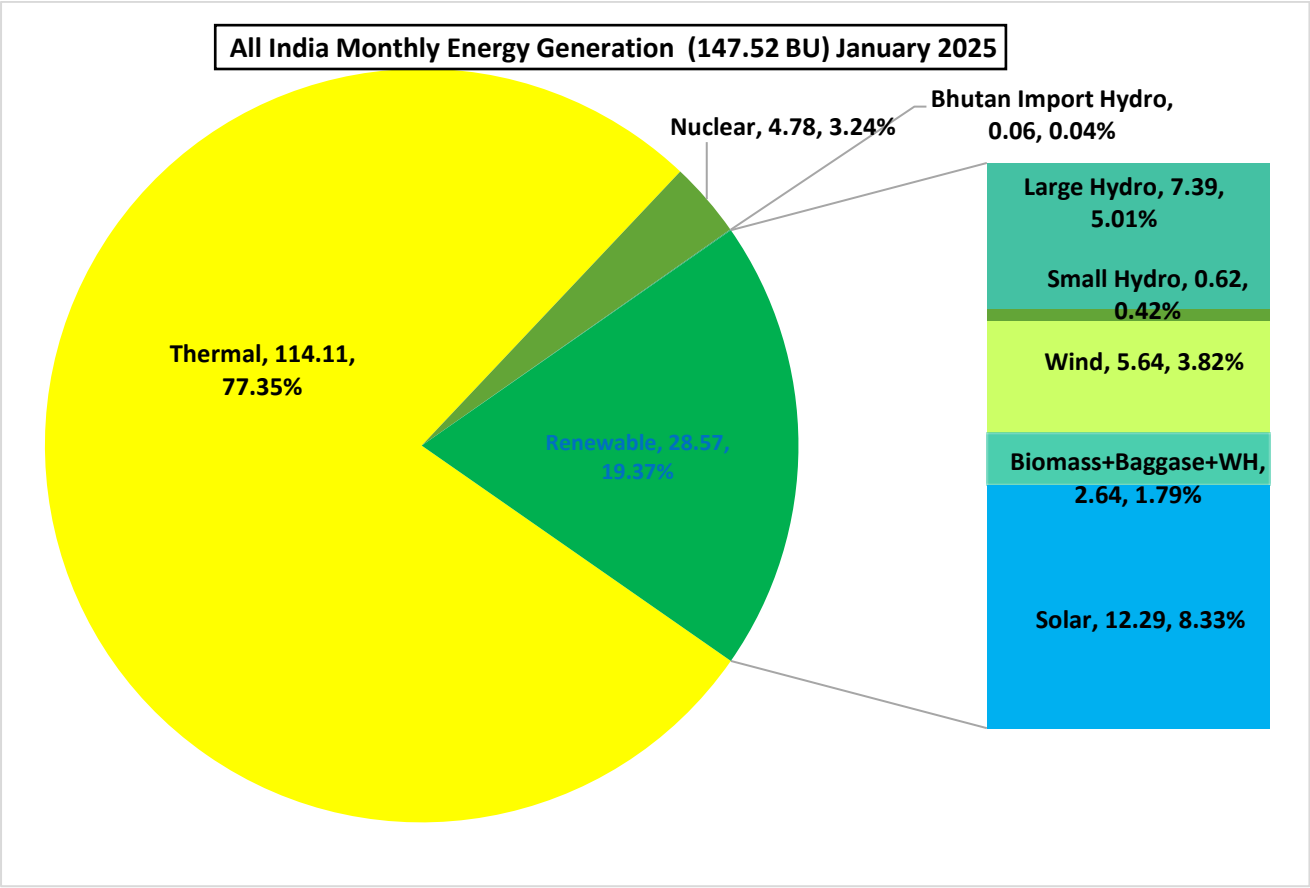


Figure 9: RE Generation Region Wise of January -2025

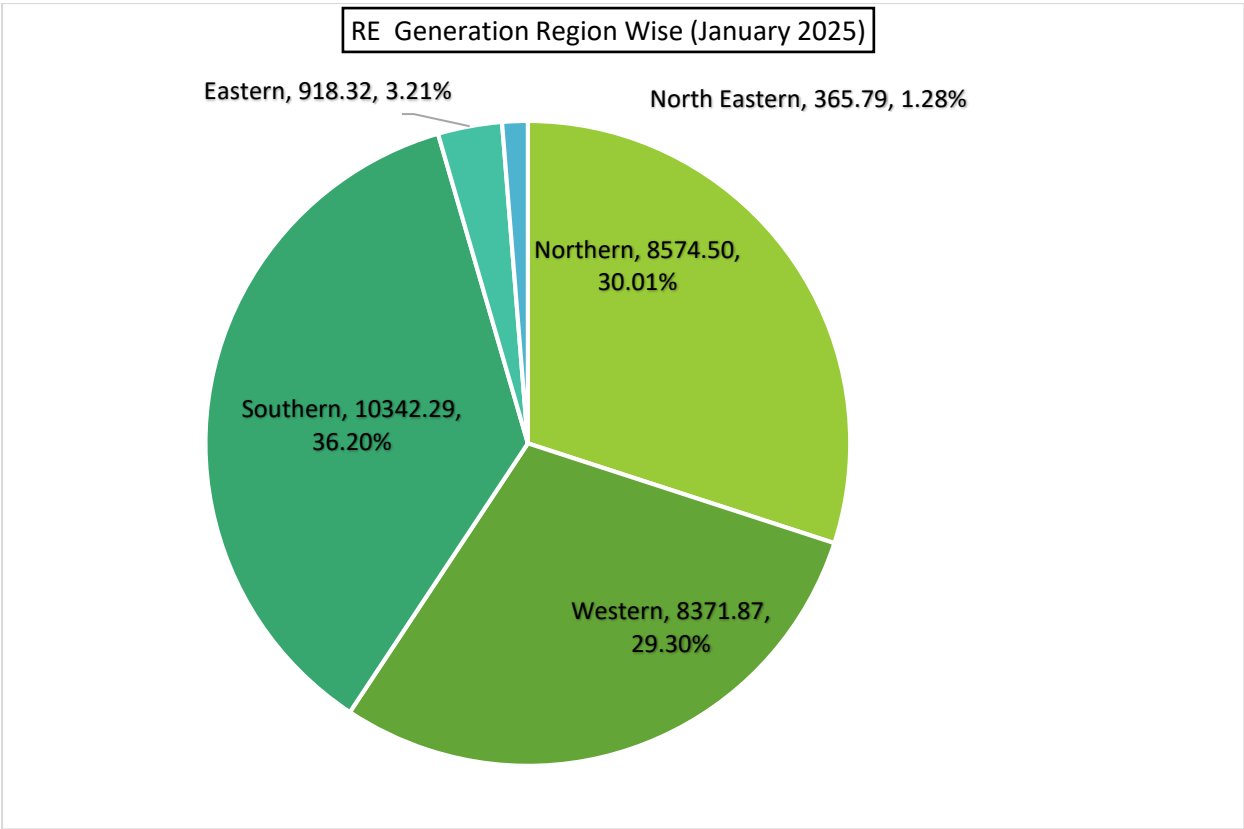


Figure 10: RE Cumulative Generation Region Wise for year 2024-25 (Upto January 2025)

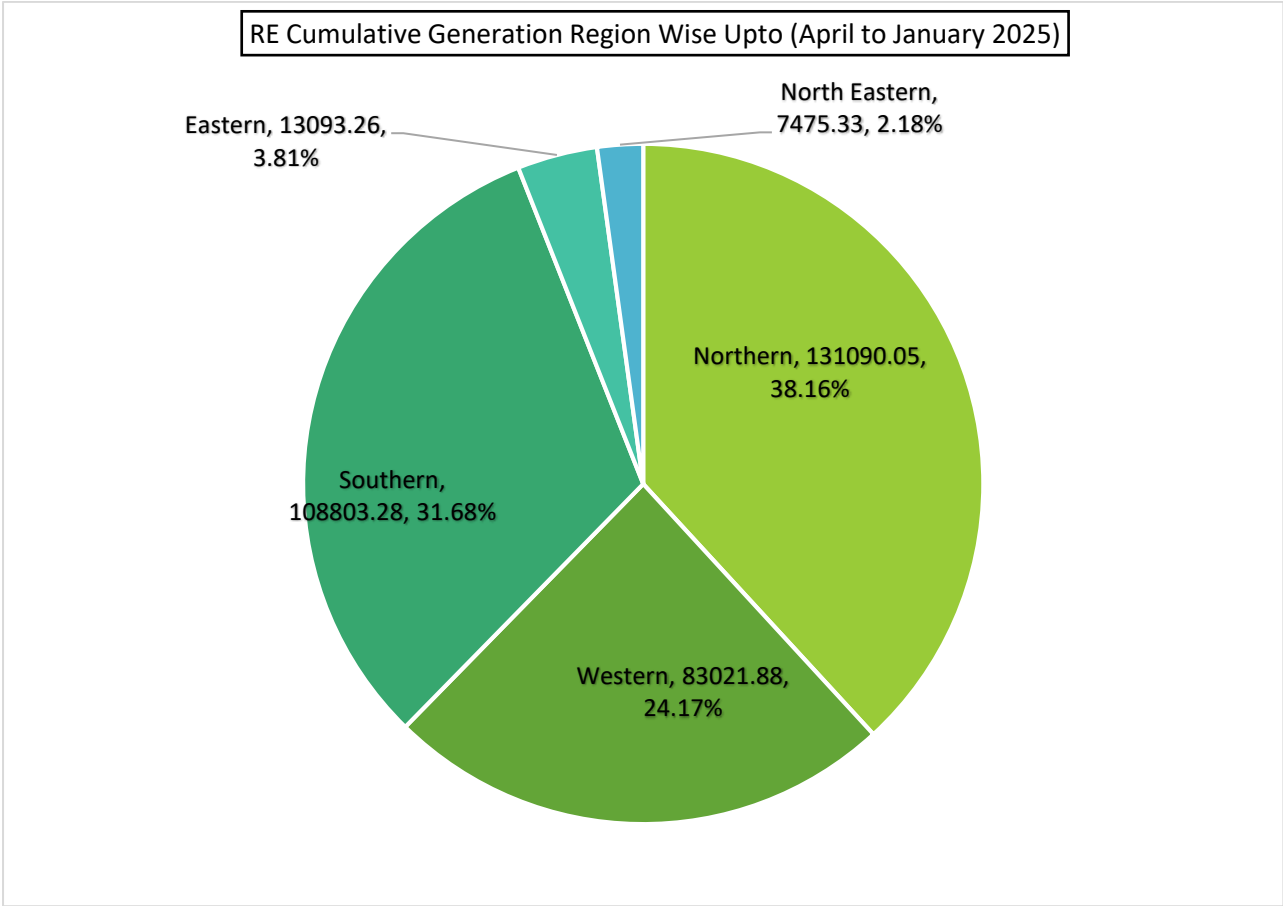


Figure 11: Source wise breakup of RE Generation in the month of January -2025

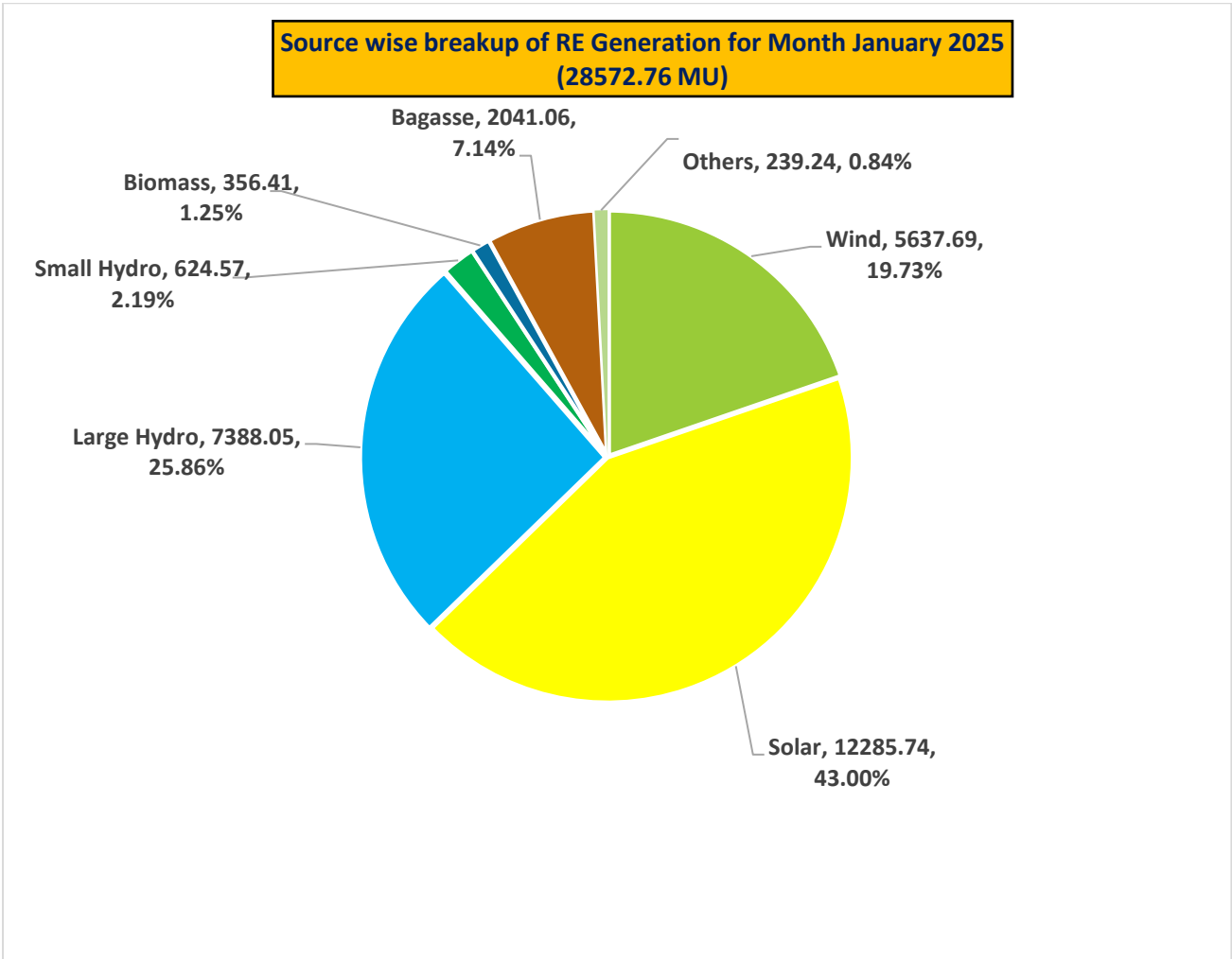
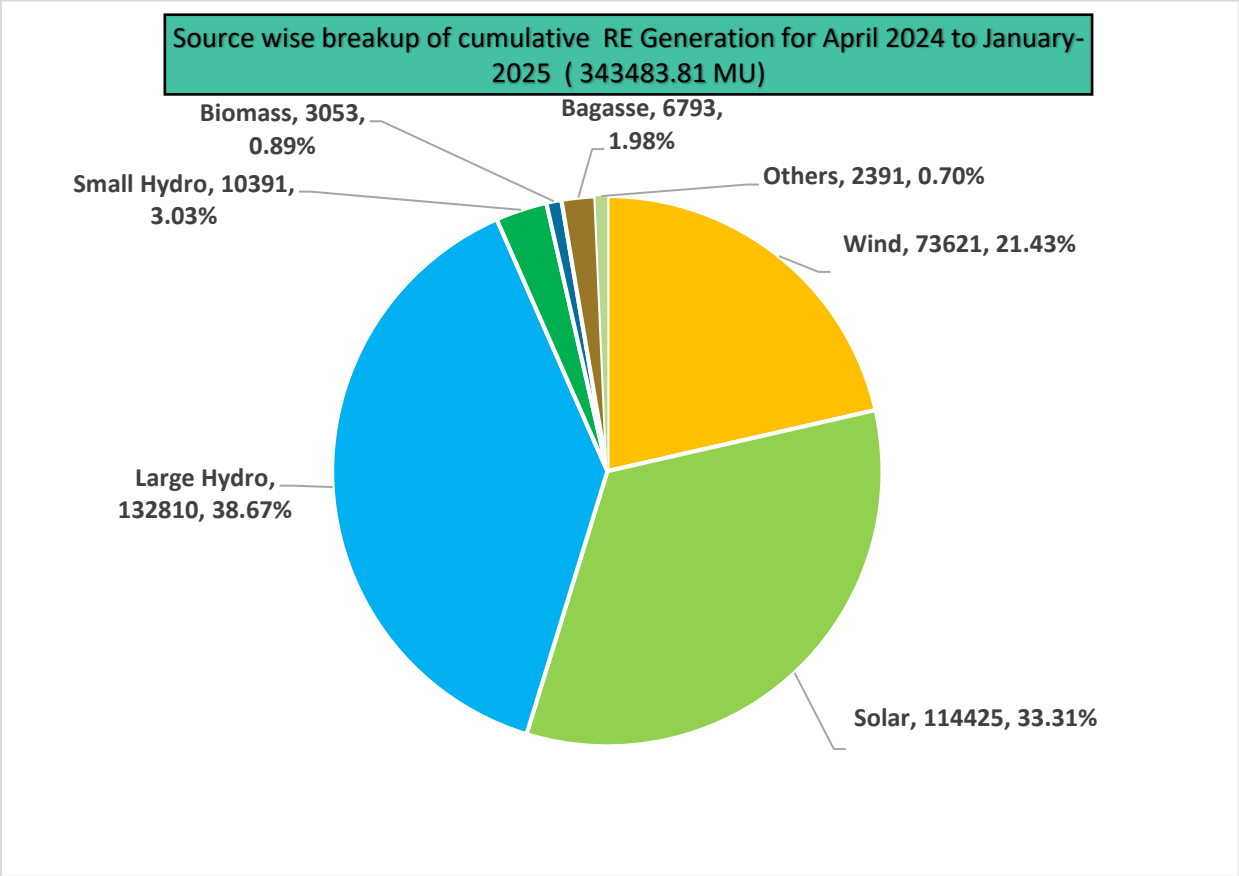


Figure 12: Source wise breakup of Cumulative RE Generation for the year 2024-25.



Summary of Renewable Energy Generation

Increased by 27.46 % as compared to January' 24

Increased by 3.79 % as compared to December '24

Figure 13: Renewable Energy Generation

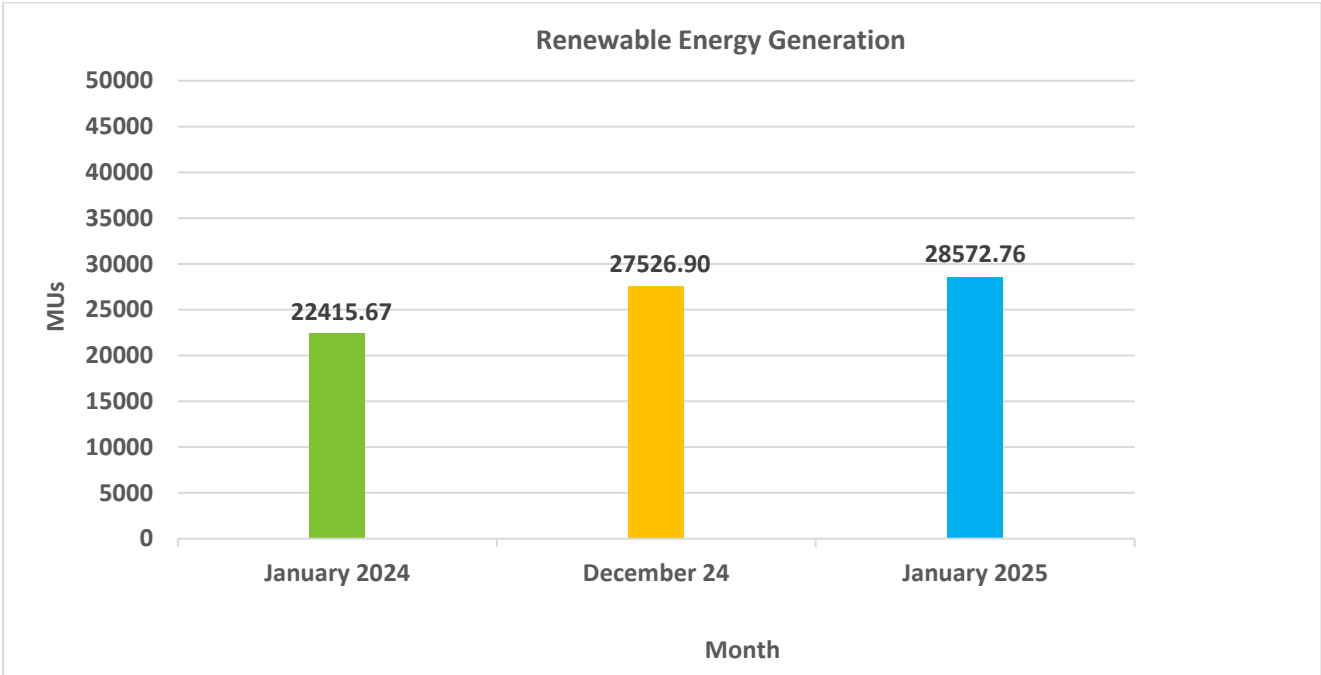


Figure 14: Additional RE Generation in January -25 as compared to January -24

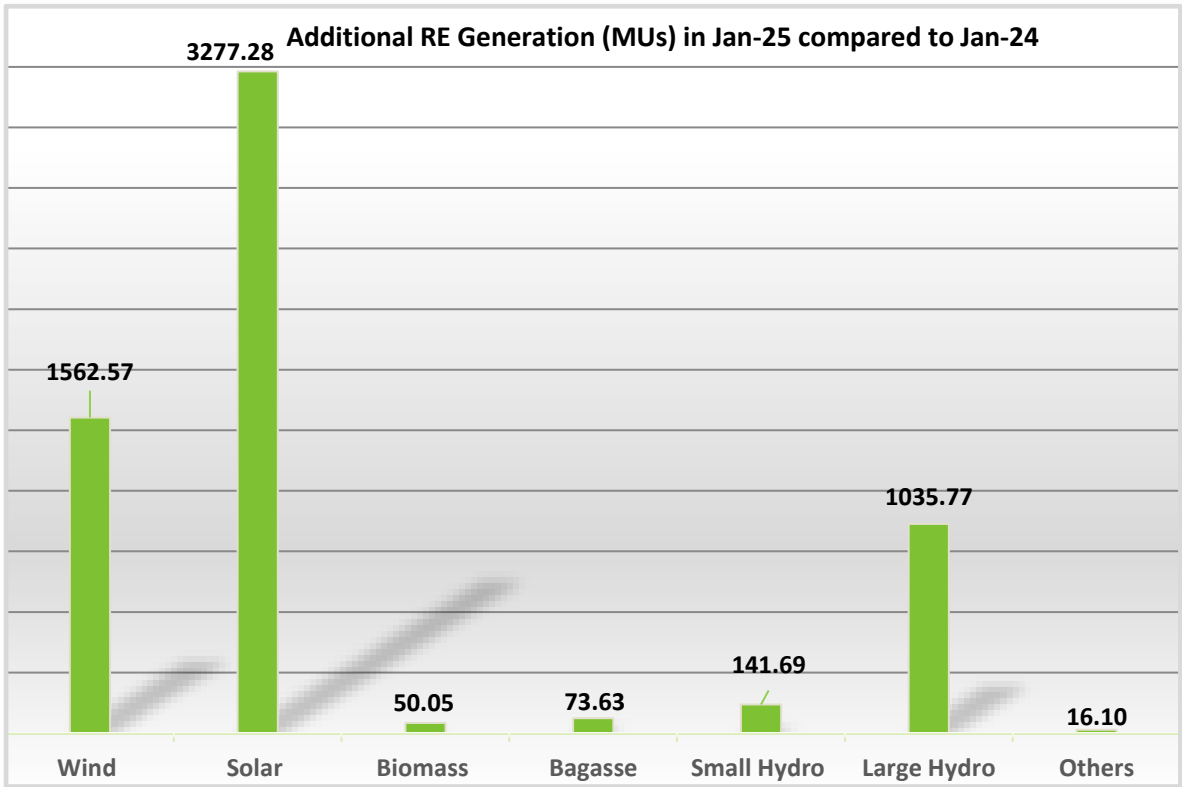


Figure 15: Month Wise % Growth of RE Generation in year 2024-25 w.r.t to previous year Same Month.

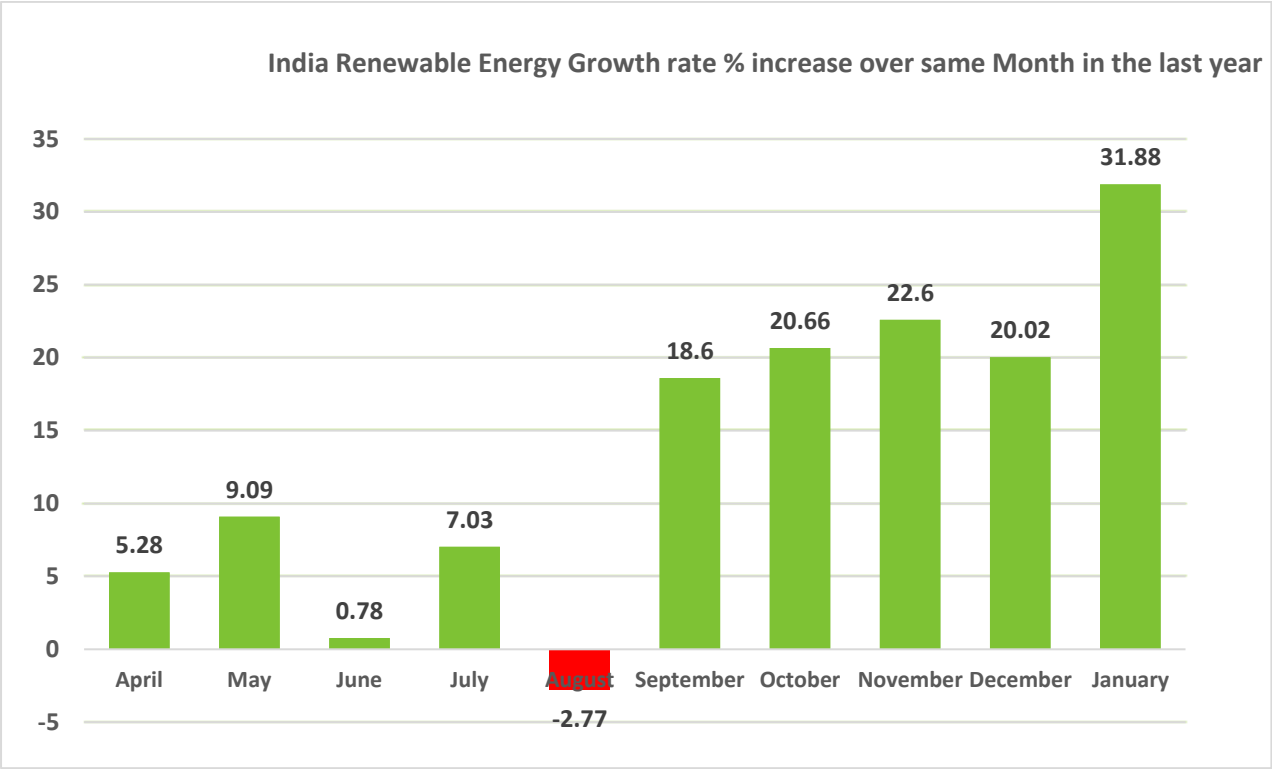


Figure 16: Comparison of Month Wise RE Generation in year 2023-24 & in year 2024-25.

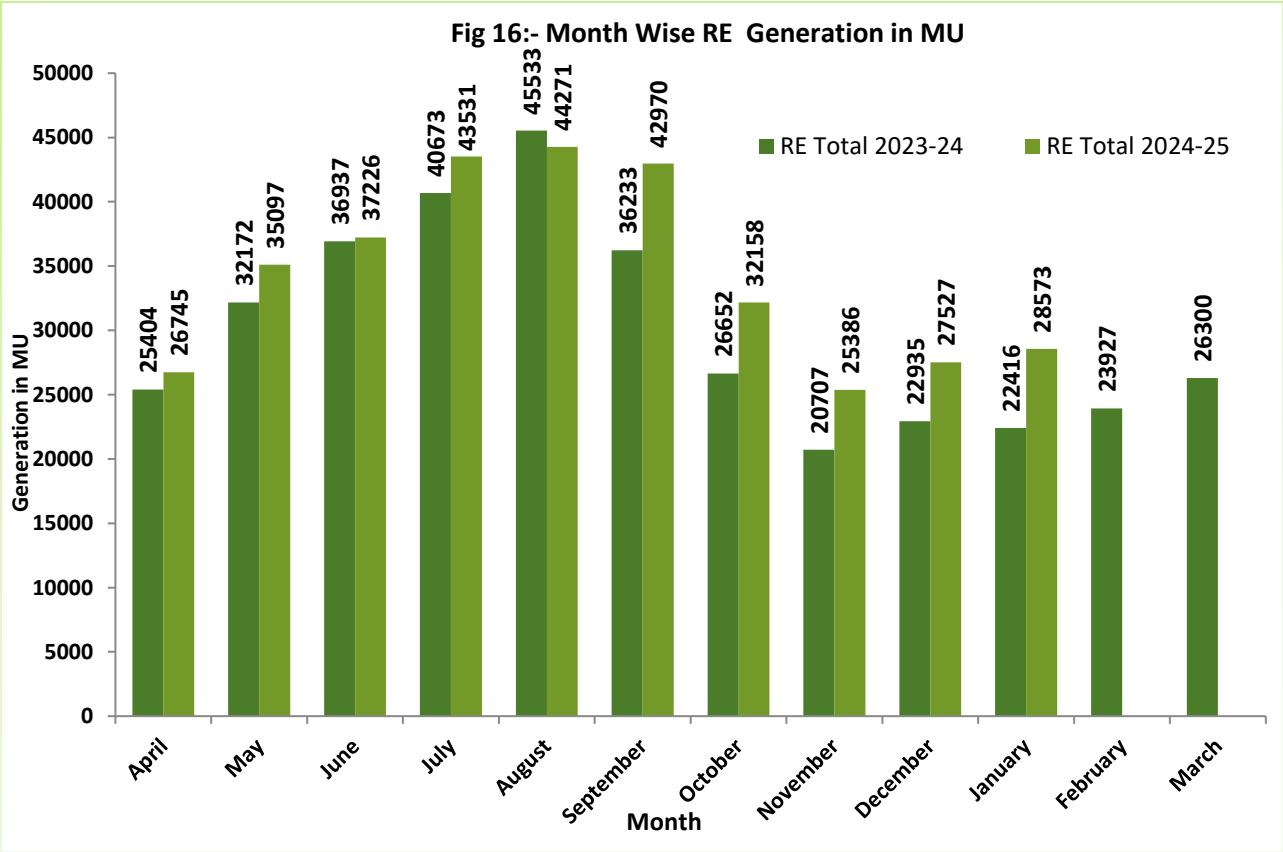


Figure 17: Month Wise Wind Power Generation for the year 2023-24 and year 2024-25.

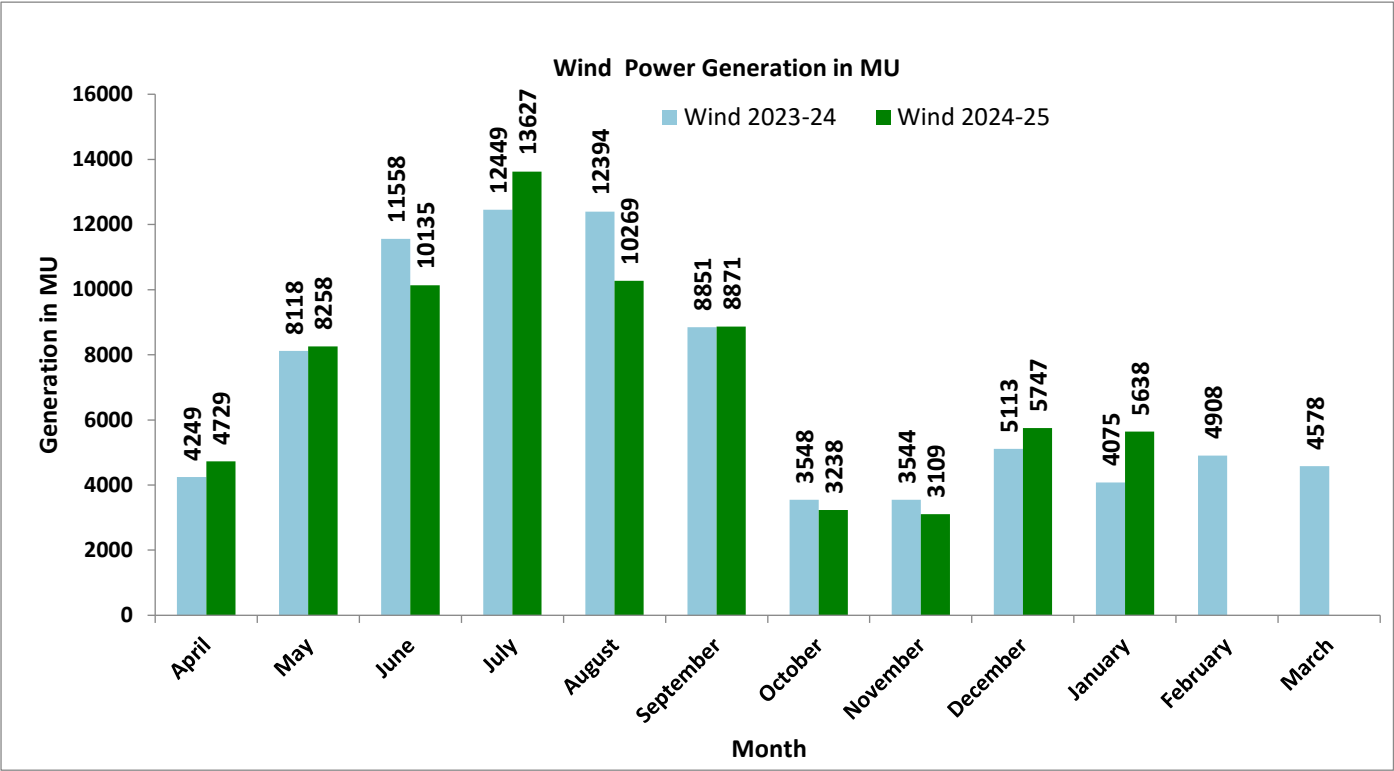


Figure 18: Month Wise Solar Power Generation for the year 2023-24 and year 2024-25.

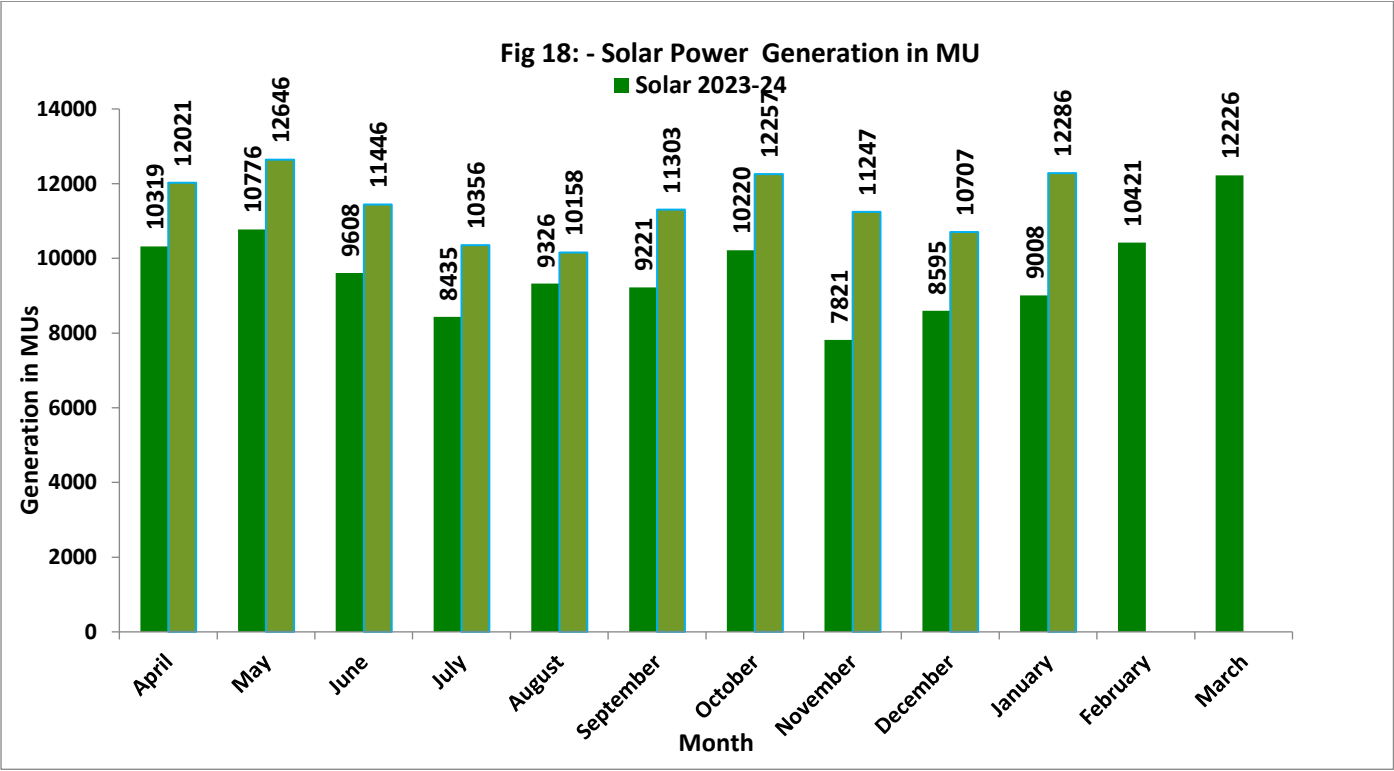


Figure 19: Month Wise Biomass Power Generation for the year 2023-24 and year 2024-25.

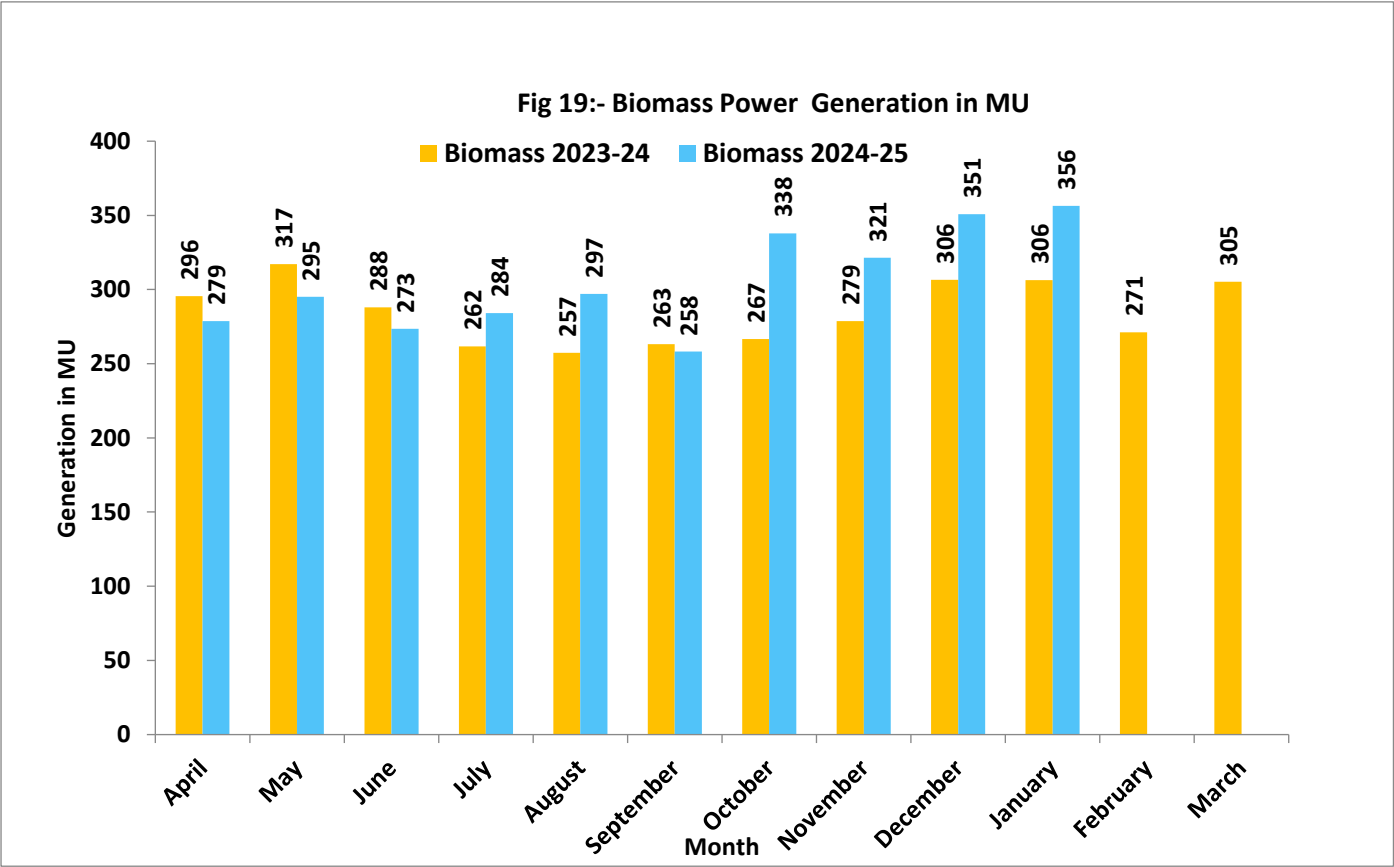


Figure 20: Month Wise Bagasse Power Generation for the year 2023-24 and year 2024-25.

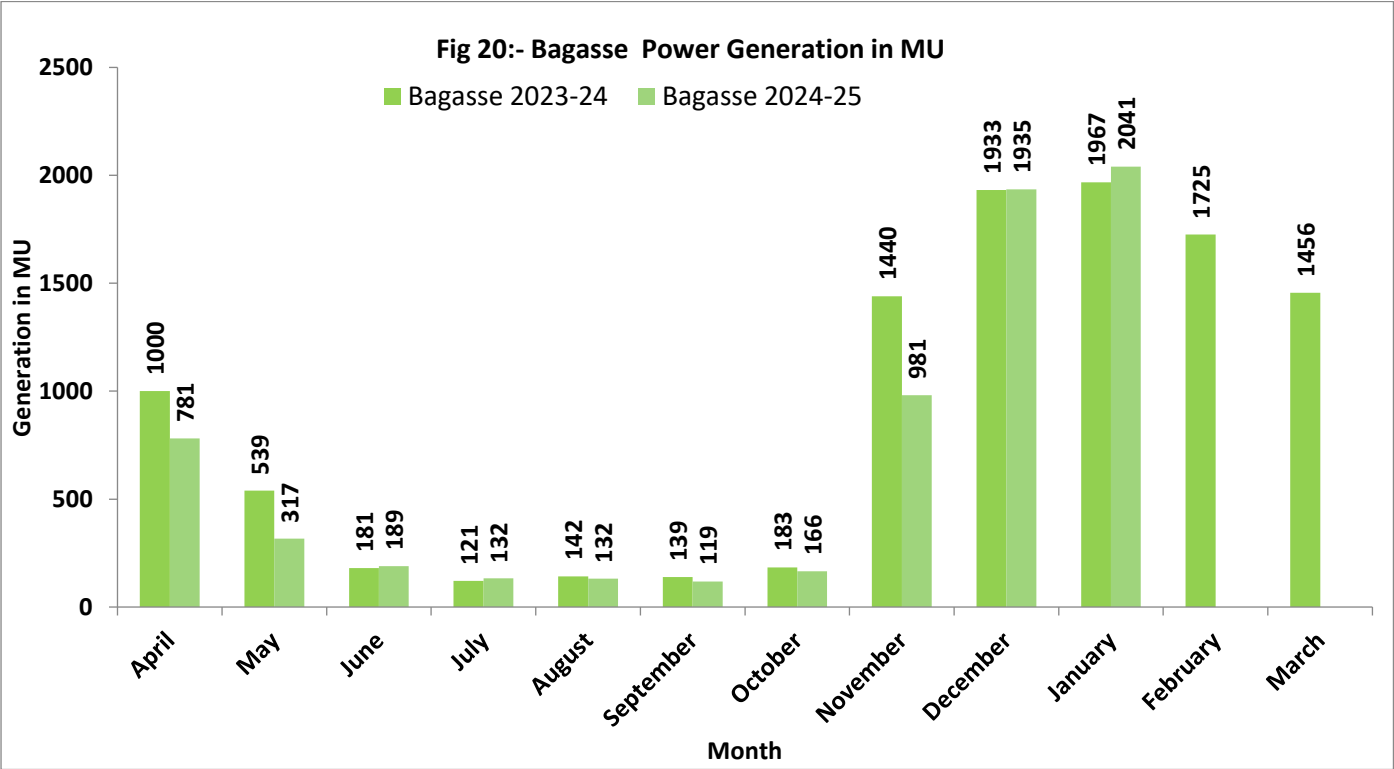


Figure 21: Month Wise Small Hydro Power Generation for the year 2023-24 and year 2024-25.

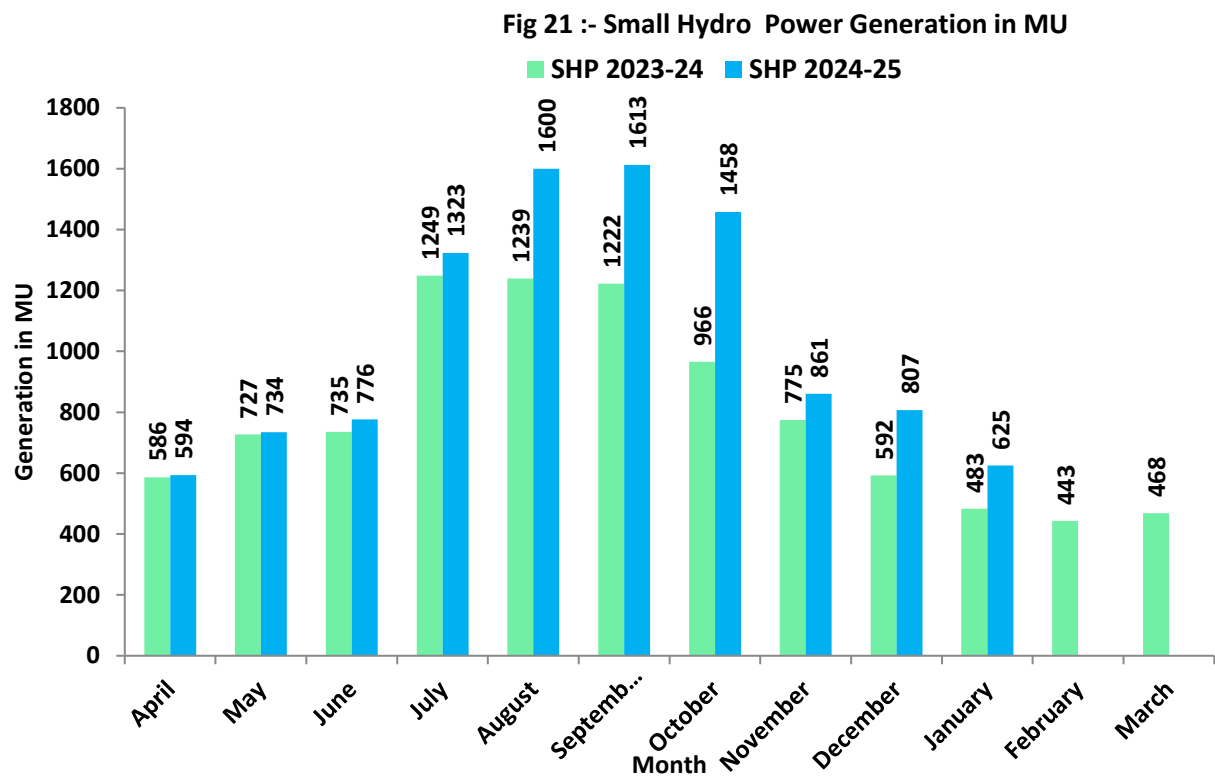


Figure 22: Month Wise Large Hydro Power Generation for the year 2023-24 and year 2024-25.

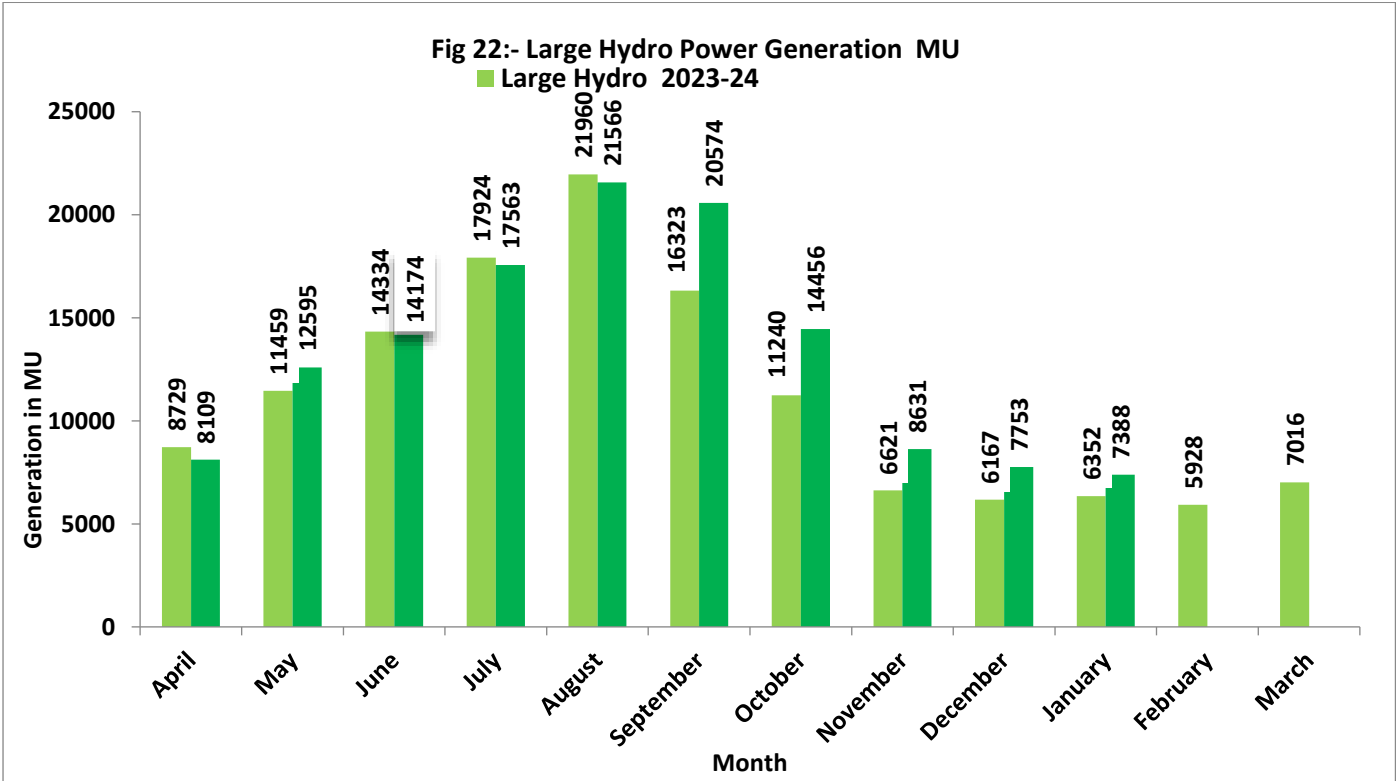


Figure 23: Month Wise Other RE (Waste Heat etc.) Power for the year 2023-24 and year 2024-25.

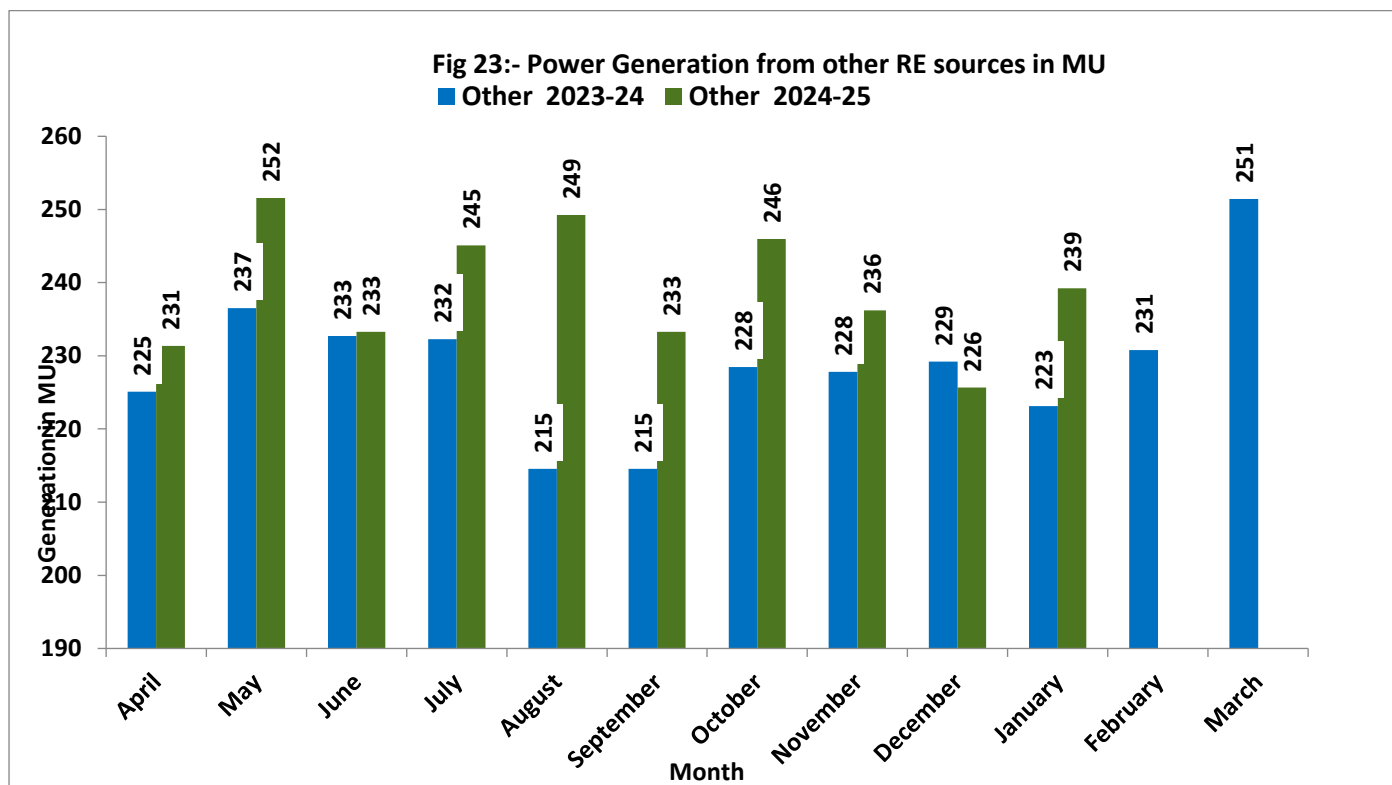
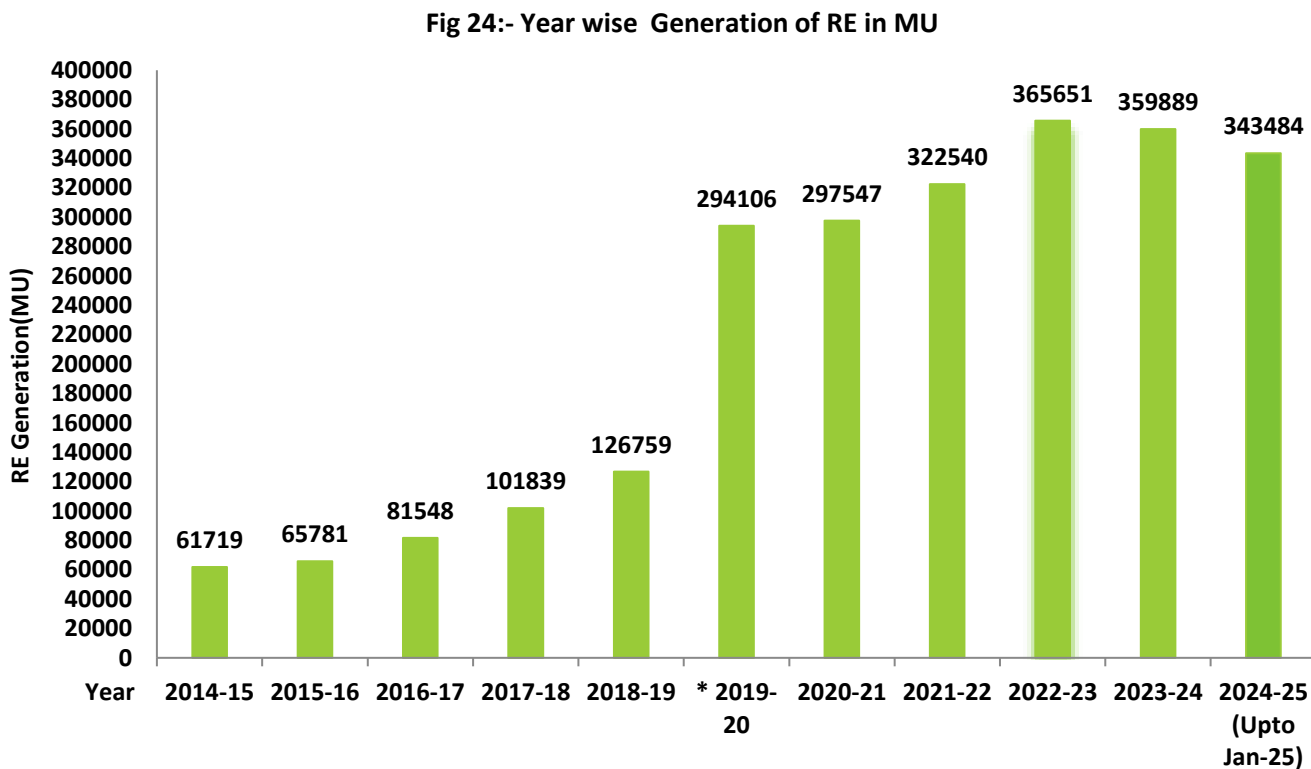
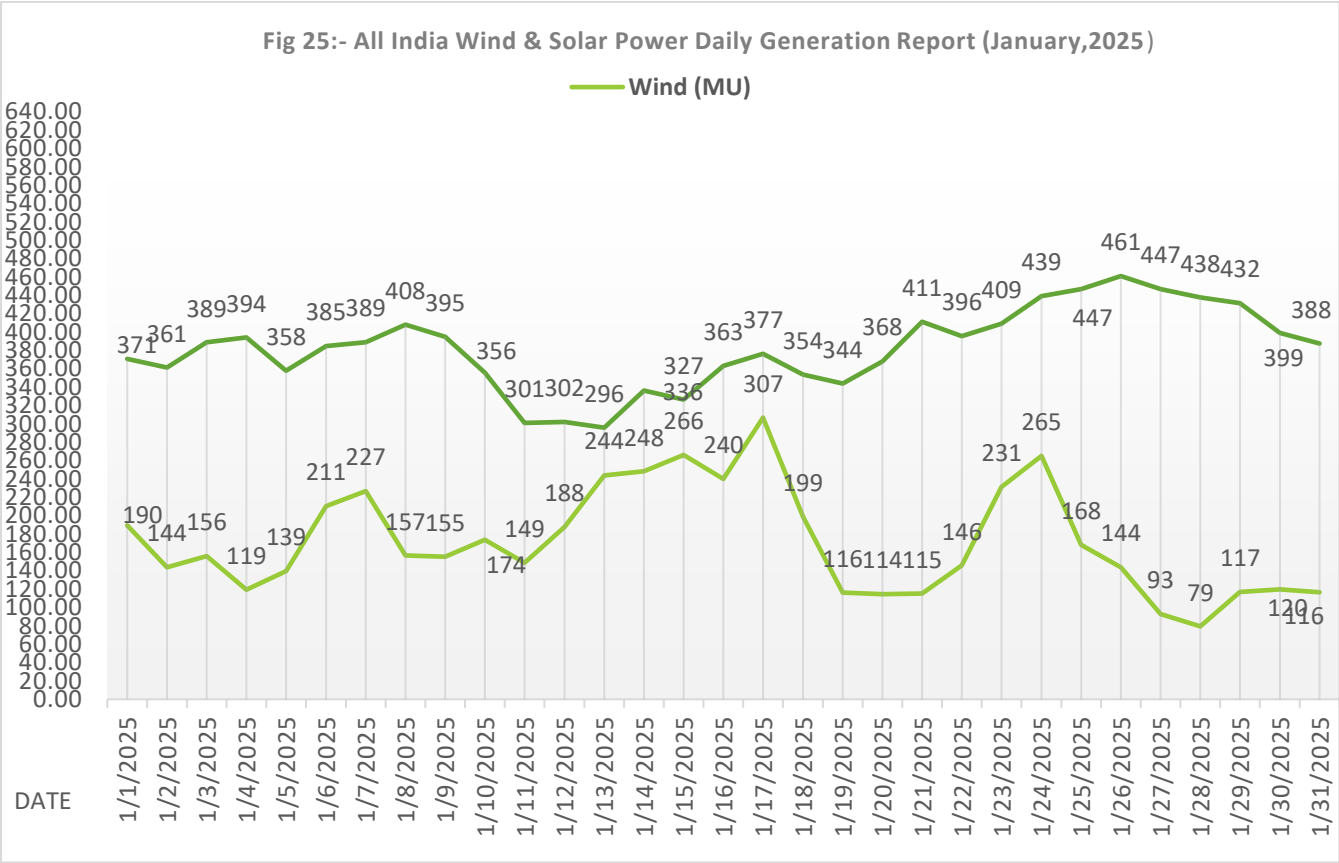


Figure 24: Year Wise RE Generation



(*) 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.

Figure 25: Daily solar and wind power generation trend in the month of January -2025



Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	Installed Capacity (MW) (as on 31.01.2025)	Monitored Capacity (MW) (as on 31.01.2025) for which generation data is available	RE Generation(MU) January 2025	RE Generation(MU) January 2024	% of same Month Last Year	RE Generation(MU) April 2024- January 2025	RE Generation(MU) April 2023- January 2024	% of same period Last Year
पवन/Wind	48365.26	47890.42	5637.69	4075.12	138.34	73621.08	73899.71	99.62
सौर/Solar	100329.83	81505.6595 (*)	12285.74	9008.47	136.38	114425.28	93328.05	122.61
बायोमास/Biomass	10743.11	9807.01	356.41	306.36	116.34	3053.18	2840.97	107.47
बगास/Bagasse			2041.06	1967.43	103.74	6792.77	7644.56	88.86
लघु जल विद्युत्/Small Hydro	5100.55	4264.53	624.57	482.88	129.34	10391.01	8574.15	121.19
बृहत् जल विद्युत्/Large Hydro(\$)	46968.17	46968.17	7388.05	6352.28	116.31	132809.56	121110.06	109.66
अन्य/Others	663.46	858.53	239.24	223.14	107.21	2390.93	2264.35	105.59
कुल/Total Including Large Hydro	212170.38	191294.31	28572.76	22415.67	127.47	343483.81	309661.84	110.92
कुल/Total Excluding Large Hydro	165202.21	144326.14	21184.71	16063.39	131.88	210674.25	188551.78	111.73

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

(\$) Large Hydro Generation data excluding import from Bhutan. However, the import from Bhutan during January 2025 is 57.95 MUs and April 2024 to January 2025 is 5298.15 MUs.

Table 2: Renewable Energy Generation (Wind and Solar) by ISGS Stations for the Month of January 2025

Station	State/ Region	Sector (Central/State/Private)	Type	Actual Generation (MU)
<u>Northern Region</u>				
Unchahar NTPC	Uttar Pradesh	Central	Solar	0.79
Dadri NTPC	Uttar Pradesh	Central	Solar	0.38
Singrauli NTPC	Uttar Pradesh	Central	Solar	1.55
Auraiya NTPC	Uttar Pradesh	Central	Solar	4.35
Kolayat NTPC	Rajasthan	Central	Solar	100.68
Nokhra NTPC	Rajasthan	Central	Solar	55.56
Devikot NTPC	Rajasthan	Central	Solar	45.43
ABC Renewable Energy	Rajasthan	Private	Solar	57.25
ACME DEOGARH	Rajasthan	Private	Solar	59.96
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	57.68
ACME PHALODI	Rajasthan	Private	Solar	57.34
ACME RAISAR	Rajasthan	Private	Solar	58.64
Adni Green Energy 2	Rajasthan	Private	Solar	47.70
Adni Green Energy 24 Infirm	Rajasthan	Private	Solar	42.57
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	126.36
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	75.61
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	59.53
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	63.17
ADANI SEJ2PL M	Rajasthan	Private	Solar	24.81
ADANI SEJ2PL P	Rajasthan	Private	Solar	26.42
ALTRA XERGI	Rajasthan	Private	Solar	11.74

Station	State/ Region	Sector (Central/State/Private)	Type	Actual Generation (MU)
AMP Energy Green Four	Rajasthan	Private	Solar	5.25
AMP Energy Green Five	Rajasthan	Private	Solar	17.15
AMP Energy Green Six	Rajasthan	Private	Solar	18.19
AMPLUS_AGES	Rajasthan	Private	Solar	15.66
Anta Solar NTPC	Rajasthan	Private	Solar	14.77
ASERJ2PL	Rajasthan	Private	Solar	37.75
ASERJ2PL_BHDL	Rajasthan	Private	Solar	9.65
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	38.61
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	87.39
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	9.19
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	36.83
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	56.07
Adept_ Renewable	Rajasthan	Private	Solar	17.39
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	63.88
Avaada RJHN Private Limited	Rajasthan	Private	Solar	29.46
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	43.14
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	37.99
Ayana Renewable Three	Rajasthan	Private	Solar	32.80
Ayana Renewable Three Infirm	Rajasthan	Private	Solar	11.63
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	38.62
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	57.70
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	96.43
AZURE SOLAR	Rajasthan	Private	Solar	32.41

Station	State/ Region	Sector (Central/State/Private)	Type	Actual Generation (MU)
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	43.00
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	47.87
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar	60.04
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	61.90
GRIAN ENERGY	Rajasthan	Private	Solar	15.55
Juniper Green Cosmic PL	Rajasthan	Private	Solar	17.41
MAL_QCA_FTG3	Rajasthan	Private	Solar	167.96
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	43.19
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	15.16
Nidan Solar Fatehgarh	Rajasthan	Private	Solar	59.41
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	58.59
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	9.51
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	57.50
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	57.95
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	58.39
Renew Surya Pratap	Rajasthan	Private	Solar	5.64
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	45.93
Renew Surya Roshni	Rajasthan	Private	Solar	73.70
Renew Surya Vihaan	Rajasthan	Private	Solar	2.82
Renew Surya Ayaan	Rajasthan	Private	Solar	8.81
Rising Sun Energy	Rajasthan	Private	Solar	35.05
Serentica Renewables	Rajasthan	Private	Solar	29.15
Serentica Renewables 5PL	Rajasthan	Private	Solar	29.07
Tata Power Green Energy Limited	Rajasthan	Private	Solar	26.01
TEHRI PSP	Rajasthan	Private	Solar	1.39

Station	State/ Region	Sector (Central/State/Private)	Type	Actual Generation (MU)
Thar Surya 1	Rajasthan	Private	Solar	38.70
TPSL Banderwala	Rajasthan	Private	Solar	33.86
TPSL BKN2 INF	Rajasthan	Private	Solar	12.56
Tata Power SAURYA Limited	Rajasthan	Private	Solar	11.93
Transition Renewable Energy	Rajasthan	Private	Solar	13.20
Transition Sustainable One	Rajasthan	Private	Solar	9.10
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	81.89
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	16.11
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	12.72
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	11.76
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	19.44
Sub Total				3077.75
<u>Western Region</u>				
Beempow Energy	Madhya Pradesh	Private	Solar	60.01
ACL PSS3 KPS1	Madhya Pradesh	Private	Solar	148.19
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	43.93
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	40.47
AVAADA_AGAR_RUMS	Madhya Pradesh	Private	Solar	38.86
AGEL PSS13	Madhya Pradesh	Private	Solar	2.97
Athena_RUMS	Madhya Pradesh	Private	Solar	42.85
Masaya BWSPRA_KNDW	Madhya Pradesh	Private	Solar	54.71
NTPC_REL_SJPR_RUMS	Madhya Pradesh	Private	Solar	15.70
TPSOURY_KWAI_NMCH	Madhya Pradesh	Private	Solar	61.38
Sherisha Raipur	Chhattisgarh	Private	Solar	8.80
Solapur Solar	Maharashtra	Central	Solar	1.49
NTPCCREL1 SJPR RUMS	Gujarat	Private	Solar	9.22

Station	State/ Region	Sector (Central/State/Private)	Type	Actual Generation (MU)
AREH4L_PSS1	Gujarat	Private	Solar	214.04
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	40.50
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	20.57
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	21.18
RPL_SECI-II	Gujarat	Private	Solar	45.60
Kawas NTPC	Gujarat	Central	Solar	8.88
Gandhar_Solar	Gujarat	Private	Solar	3.71
GSECL RSP	Gujarat	Private	Solar	13.37
IGESL DAYAPAR	Gujarat	Private	Solar	2.72
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar	157.52
AGE24AL	Gujarat	Private	Solar	-
Alfanar	Gujarat	Private	Wind	43.54
ARE48L PSS9 KPS1	Gujarat	Private	Wind	18.47
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	80.09
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	59.08
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	60.98
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	45.42
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	47.72
GSECL_PH2	Gujarat	Private	Wind	14.00
Ostro Kutch Wind Private Limted (OKWPL)	Gujarat	Private	Wind	61.47
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	47.18
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	35.44

Station	State/ Region	Sector (Central/State/Private)	Type	Actual Generation (MU)
Apraava Khkrda Jam	Gujarat	Private	Wind	66.33
Netra Kotda	Gujarat	Private	Wind	40.53
Powerica Wind	Gujarat	Private	Wind	11.22
RGESPL	Gujarat	Private	Wind	2.45
Torrent Sidpur Jam	Gujarat	Private	Wind	30.54
SITAC	Gujarat	Private	Wind	54.69
SRIJAN	Gujarat	Private	Wind	17.79
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind	28.34
SGEL RSP	Gujarat	Private	Wind	19.91
<u>Sub Total</u>				1841.86
<u>Southern Region</u>				
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	44.87
GRTJIPL	Tamil Nadu	Private	Solar	21.76
Veena Gadag S	Karnatka	Private	Solar	4.21
Veena Gadag W	Karnatka	Private	Wind	17.98
Mytra	Tamil Nadu	Private	Wind	34.75
Orange	Tamil Nadu	Private	Wind	36.45
Green Infra	Tamil Nadu	Private	Wind	7.13
Hiriyur Ostro	Tamil Nadu	Private	Wind	66.72
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	10.76
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	80.57
JSW Savlaperi	Tamil Nadu	Private	Wind	101.49
JSWNEO Dharmapuram	Tamil Nadu	Private	Wind	12.33
Ettayapuram NTPC	Tamil Nadu	Central	Solar	36.94
ARPSPL KOPPAL	Karnataka	Private	Wind	47.28
RSOPL KOPPAL	Karnataka	Private	Wind	68.47
RSRPL KOPPAL	Karnataka	Private	Wind	55.10

Station	State/ Region	Sector (Central/State/Private)	Type	Actual Generation (MU)
RSRPL Gadag	Karnataka	Private	Wind	9.28
Serentica_koppal	Karnataka	Private	Wind	34.79
Ramagundam Floating Solar	Telangana	Central	Solar	13.46
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	3.31
<u>Sub Total</u>				707.65
<u>All India Total</u>				5627.26

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) January'2025	RE Generation(MU) January'2024	RE Power Generation(MU) April'2024-January'2025	RE Power Generation(MU) April'2023-January'2024
<u>NTPC</u>							
Faridabad_Solar	Haryana	5	Solar	0.42	0.22	4.69	4.91
Bhadla	Rajasthan	260	Solar	34.85	27.66	349.32	343.78
Jetsar	Rajasthan	160	Solar	24.08	7.93	301.12	278.84
Fatehgarh	Rajasthan	296	Solar	60.28	55.16	620.57	614.42
Devikot	Rajasthan	240	Solar	46.74	45.04	456.15	467.19
Nokhra	Rajasthan	300	Solar	57.05	47.54	573.70	562.45
Anta Solar	Rajasthan	90	Solar	15.20	0.00	136.21	0.00
Dadri_Solar	Uttar Pradesh	5	Solar	0.39	0.24	4.79	4.74
Unchahar_Solar	Uttar Pradesh	10	Solar	0.86	0.67	10.70	10.72
Singrauli_Solar	Uttar Pradesh	15	Solar	1.62	1.42	16.17	16.50
Auraiya	Uttar Pradesh	40	Solar	4.50	2.97	52.83	54.30
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	0.01	3.13	14.63	31.87
Ayodhya	Uttar Pradesh	40	Solar	5.05	0.00	47.48	0.00
Chattargarh	Rajasthan	150	Solar	26.09	0.00	281.53	0.00
Rojmal	Gujarat	50	Wind	6.61	6.79	81.66	86.33
Dayapar	Gujarat	50	Wind	2.53	8.21	78.25	8.98
Rajgarh_Solar	Madhya Pradesh	50	Solar	6.63	5.01	58.25	55.25
Mandsaur	Madhya Pradesh	250	Solar	31.94	27.23	296.36	291.03
Solapur	Maharashtra	10	Solar	1.53	1.27	15.21	14.03
Anantapuram	Andhra Pradesh	250	Solar	33.57	28.38	297.61	305.49
Ramagundam	Telangana	110	Solar	14.36	15.27	164.78	165.17
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.59	0.51	4.77	4.64
Talchar_Solar	Orissa	10	Solar	1.01	0.86	9.90	9.99
Solar_Bilhaur	Uttar Pradesh	225	Solar	31.60	20.03	384.41	356.97

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) January'2025	RE Generation(MU) January'2024	RE Power Generation(MU) April'2024-January'2025	RE Power Generation(MU) April'2023-January'2024
Simhadri Floating Project	Andhra Pradesh	25	Solar	3.31	6.50	31.45	41.73
Kayamkulam	Kerala	92	Solar	18.00	17.97	164.66	174.48
Kawas	Gujarat	56	Solar	9.03	6.11	82.71	71.79
Gandhar	Gujarat	20	Solar	3.85	4.14	32.93	27.42
Shambu ki Burj-I	Rajasthan	283	Solar	50.71	43.99	516.70	502.11
Shambu ki Burj-II	Rajasthan	249	Solar	52.23	27.48	401.46	316.59
Ettayapuram	Tamil Nadu	230	Solar	37.50	40.35	399.57	399.57
Gujarat Solar	Gujarat	60	Solar	11.63	0.00	58.07	0.00
Bhainsara	Rajasthan	160	Solar	41.38	0.00	167.48	0.00
Shajapur	Madhya Pradesh	50	Solar	13.41	0.00	36.57	0.00
Shajapur	Madhya Pradesh	55	Solar	9.53	0.00	17.32	0.00
Mesanka	Gujarat	30	Solar	5.70	0.00	8.02	0.00
Sadla	Gujarat	38	Solar	4.25	0.00	4.33	0.00
Total NTPC		3977		668.04	452.05	6182.36	5221.29
THDC							
Patan Wind Power Project	Gujarat	50.00	Wind	4.62	4.21	62.90	64
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	12.26	10.54	109.91	119.47
Solar Kasaragod	Kerala	50.00	Solar	9.48	8.65	72.54	78.31
Rishikesh office Premises (New)	Uttarakhand	0.50	Solar	0.03	0.04	0.40	0.41
Rishikesh office Premises (Old)	Uttarakhand	0.50	Solar	0.04	0.00	0.43	0.00
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	10.71	5.99	59.12	60.67
Total THDC		188.00		37.14	29.43	305.30	322.86

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) January'2025	RE Generation(MU) January'2024	RE Power Generation(MU) April'2024-January'2025	RE Power Generation(MU) April'2023-January'2024
<u>NHDC</u>							
Sanchi	Madhya Pradesh	8.00	Wind	1.35	0.26	11.95	1.71
Omkareshwar Floating Solar	Madhya Pradesh	88.00	Solar	14.21	0.00	61.26	0.00
<u>Total NHDC</u>		96.00		15.56	0.26	73.22	1.71
<u>NHPC</u>							
Wind Power Project	Rajasthan	50.00	Wind	3.93	2.94	42.00	56.83
Solar Power Project	Tamilnadu	50.00	Solar	6.52	6.61	69.74	64.90
<u>Total NHPC</u>		100.00		10.45	9.55	111.74	121.73
<u>ONGC</u>							
Bhuj	Gujarat	51.00	Wind	3.72	2.39	48.30	18.55
Jaisalmer	Rajasthan	102.90	Wind	8.60	2.54	90.94	88.00
Assam	Assam	1.66	Roof Top	0.13	0.13	1.28	0.41
Assam	Assam	1.09	Ground Mounted	0.11	0.12	1.14	1.84
Tripura	Tripura	0.25	Roof Top	0.01	0.01	0.14	0.75
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Ground Mounted	0.07	0.09	0.73	1.01
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Ground Mounted	0.45	0.61	5.63	3.94
Cauvery	Tamil Nadu	0.46	Ground Mounted	0.04	0.03	0.44	0.19

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) January'2025	RE Generation(MU) January'2024	RE Power Generation(MU) April'2024-January'2025	RE Power Generation(MU) April'2023-January'2024
Vagara, Ankleshwar	Gujarat	5.00	Ground Mounted	0.64	0.79	6.19	5.70
Gujarat	Gujarat	4.23	Roof Top	0.28	0.40	3.38	1.25
Jodhpur	Rajasthan	0.16	Ground Mounted	0.01	0.02	0.15	0.19
Jaisalmer	Rajasthan	0.16	Ground Mounted	0.01	0.01	0.14	0.16
Uttarakhand	Uttarakhand	1.24	Roof Top	0.09	0.08	0.83	0.20
Goa	Goa	1.00	Ground Mounted	0.07	0.00	0.64	0.26
Hazira	Gujarat	10.00	Ground Mounted	1.03	1.33	10.78	2.44
Hazira	Gujarat	5.00	Ground Mounted	0.71	0.80	6.72	1.54
Mumbai (Uran & NBP Green Heights)	Maharashtra	0.26	Roof Top	0.02	0.03	0.67	0.18
DDU, Bhawan, Delhi	Delhi	0.30	Roof Top	0.00	0.02	0.15	0.07
ONGC Colony Noida	Uttar Pradesh	0.06	Roof Top	0.00	0.00	0.03	0.01
EOA Logistics Park, Kakinada	Andhra Pradesh	1.00	Roof Top	0.06	0.40	0.87	0.46
Cambay	Gujarat	2.00	Ground Mounted SPP	0.32	0.30	2.99	0.22
Total ONGC		193.76		16.37	10.08	182.16	127.35
<u>SJVN Limited</u>							
Khirvire Wind Power	Maharashtra	47.60	Wind	0.93	1.10	43.95	45.88
Sadla Wind Power	Gujarat	50.00	Wind	6.18	3.25	75.90	88.89

Charanka Solar Power	Gujarat	5.60	Solar	0.81	0.82	7.03	7.09
Wadhal Solar Power Project	Himachal Pradesh	1.00	Solar	0.07	0.06	1.05	0.85
Gurhah	Uttar Pradesh	75.00	Solar	10.20	6.83	121.44	6.83
Gujari	Uttar Pradesh	50.00	Solar	6.25	0.00	77.51	0.00
Parasan Solar Power	Uttar Pradesh	75.00	Solar	10.04	9.46	123.49	122.54
Raghnesdha Solar Power	Gujarat	100.00	Solar	20.39	0.00	155.30	0.00
Omkareshwar Floating Solar	Madhya Pradesh	90.00	solar	14.56	0.00	40.19	0.00
Total SJVN		494.20		69.41	21.52	645.87	272.08
Oil India Ltd *							
Oil India Ltd	Rajasthan	14.00	Solar	1.86	1.58	19.57	19.71
Oil India Ltd	Rajasthan	67.60	Wind	4.64	2.60	58.42	50.27
Oil India Ltd	Gujarat	43.30	Wind	7.57	8.09	78.72	95.00
Oil India Ltd	Madhya Pradesh	63.20	Wind	5.89	2.94	84.22	83.16
Total Oil India Ltd		188.10		19.96	15.22	240.92	248.14
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.48	0.40	4.75	5.11
NEEPCO	Assam	25.00	Small Hydro	12.06	18.30	151.57	124.46
NEEPCO Total		30.00		12.54	18.70	156.32	129.57
DVC							
DVC	West Bengal	10.10	Solar	1.31	0.01	13.56	0.06
DVC	Jharkhand	4.00	Small Hydro	1.47	2.68	3.57	5.46
Total DVC		14.10		2.78	2.69	17.13	5.52
All India Total		5280.85		836.69	559.25	7841.80	6448.54

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 for Month of January 2025

Station	State/ Region	Sector (Central/State/Private)	Type	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU	% Deviation of Schedule
<u>Northern Region</u>							
Unchahar NTPC	Uttar Pradesh	Central	Solar	0.66	0.79	0.13	19.70
Dadri NTPC	Uttar Pradesh	Central	Solar	0.39	0.38	-0.01	-2.56
Singrauli NTPC	Uttar Pradesh	Central	Solar	1.64	1.55	-0.09	-5.49
Auraiya NTPC	Uttar Pradesh	Central	Solar	3.52	4.35	0.83	23.58
Kolayat NTPC	Rajasthan	Central	Solar	98.48	100.68	2.20	2.23
Nokhra NTPC	Rajasthan	Central	Solar	54.86	55.56	0.70	1.28
Devikot NTPC	Rajasthan	Central	Solar	45.33	45.43	0.10	0.22
ABC Renewable Energy	Rajasthan	Private	Solar	56.76	57.25	0.49	0.86
ACME DEOGARH	Rajasthan	Private	Solar	56.56	59.96	3.40	6.01
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	55.49	57.68	2.19	3.95
ACME PHALODI	Rajasthan	Private	Solar	57.73	57.34	-0.39	-0.68
ACME RAISAR	Rajasthan	Private	Solar	59.72	58.64	-1.08	-1.81
Adni Green Energy 2	Rajasthan	Private	Solar	48.57	47.70	-0.87	-1.79
Adni Green Energy 24 Infirm	Rajasthan	Private	Solar	39.63	42.57	2.94	7.42
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	220.93	208.25	-12.68	-5.74
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	98.29	91.72	-6.57	-6.68
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	77.3	72.25	-5.05	-6.53
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	79.48	74.93	-4.55	-5.72
ADANI SEJ2PL M	Rajasthan	Private	Solar	24.62	24.81	0.19	0.77
ADANI SEJ2PL P	Rajasthan	Private	Solar	25.67	26.42	0.75	2.92
ALTRA XERGI	Rajasthan	Private	Solar	11.95	11.74	-0.21	-1.76
AMP Energy Green Four	Rajasthan	Private	Solar	0	5.25	5.25	-

AMP Energy Green Five	Rajasthan	Private	Solar	16.53	17.15	0.62	3.75
AMP Energy Green Six	Rajasthan	Private	Solar	17.83	18.19	0.36	2.02
AMPLUS_AGES	Rajasthan	Private	Solar	15.54	15.66	0.12	0.77
Anta Solar NTPC	Rajasthan	Private	Solar	14.76	14.77	0.01	0.07
ASERJ2PL	Rajasthan	Private	Solar	37.63	37.75	0.12	0.32
ASERJ2PL_BHDL	Rajasthan	Private	Solar	9.48	9.65	0.17	1.79
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	37.95	38.61	0.66	1.74
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	114.46	106.83	-7.63	-6.67
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	8.81	9.19	0.38	4.31
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	35.99	36.83	0.84	2.33
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	57.43	56.07	-1.36	-2.37
Adept_ Renewable	Rajasthan	Private	Solar	17.25	17.39	0.14	0.81
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	61.59	63.88	2.29	3.72
Avaada RJHN Private Limited	Rajasthan	Private	Solar	28.76	29.46	0.70	2.43
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	42.19	43.14	0.95	2.25
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	37.09	37.99	0.90	2.43
Ayana Renewable Three	Rajasthan	Private	Solar	39.83	32.80	-7.03	-17.65
Ayana Renewable Three Infirm	Rajasthan	Private	Solar	0.00	11.63	11.63	-
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	39.79	38.62	-1.17	-2.94
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	56.64	57.70	1.06	1.87
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	94.37	96.43	2.06	2.18
AZURE SOLAR	Rajasthan	Private	Solar	31.74	32.41	0.67	2.11
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	41.75	43.00	1.25	2.99
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	47.5	47.87	0.37	0.78

Clean Solar Power (Bhadla) Pvt Ldt	Rajasthan	Private	Solar	58.2	60.04	1.84	3.16
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	60.69	61.90	1.21	1.99
GRIAN ENERGY	Rajasthan	Private	Solar	15.19	15.55	0.36	2.37
Juniper Green Cosmic PL	Rajasthan	Private	Solar	18.04	17.41	-0.63	-3.49
MAL_QCA_FTG3	Rajasthan	Private	Solar	0	167.96	167.96	-
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	43.63	43.19	-0.44	-1.01
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	14.98	15.16	0.18	1.20
Nidan Solar Fatehgarh	Rajasthan	Private	Solar	60.23	59.41	-0.82	-1.36
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	57.6	58.59	0.99	1.72
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	9.37	9.51	0.14	1.49
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	57.39	57.50	0.11	0.19
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	56.85	57.95	1.10	1.93
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	57.44	58.39	0.95	1.65
Renew Surya Pratap	Rajasthan	Private	Solar	5.65	5.64	-0.01	-0.18
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	45.76	45.93	0.17	0.37
Renew Surya Roshni	Rajasthan	Private	Solar	73.14	73.70	0.56	0.77
Renew Surya Vihaan	Rajasthan	Private	Solar	2.85	2.82	-0.03	-1.05
Renew Surya Ayaan	Rajasthan	Private	Solar	8.94	8.81	-0.13	-1.45
Rising Sun Energy	Rajasthan	Private	Solar	35.01	35.05	0.04	0.11
Serentica Renewables	Rajasthan	Private	Solar	27.94	29.15	1.21	4.33
Serentica Renewables 5PL	Rajasthan	Private	Solar	27.17	29.07	1.90	6.99
Tata Power Green Energy Limited	Rajasthan	Private	Solar	26.75	26.01	-0.74	-2.77
TEHRI PSP	Rajasthan	Private	Solar	0.00	1.39	1.39	-
Thar Surya 1	Rajasthan	Private	Solar	37.88	38.70	0.82	2.16
TPSL Banderwala	Rajasthan	Private	Solar	32.09	33.86	1.77	5.52
TPSL BKN2 INF	Rajasthan	Private	Solar	13.87	12.56	-1.31	-9.44
Tata Power SAURYA Limited	Rajasthan	Private	Solar	12.47	11.93	-0.54	-4.33

Transition Renewable Energy	Rajasthan	Private	Solar	12.9	13.20	0.30	2.33
Transition Sustainable One	Rajasthan	Private	Solar	8.86	9.10	0.24	2.71
<u>Sub Total</u>				2903.90	3077.75		
<u>Western Region</u>							
Beempow Energy	Madhya Pradesh	Private	Solar	60.74	60.01	-0.73	-1.20
ACL PSS3 KPS1	Madhya Pradesh	Private	Solar	162.59	148.19	-14.40	-8.86
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	41.76	43.93	2.17	5.20
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	41.52	40.47	-1.05	-2.53
AVAADA_AGAR_RUMS	Madhya Pradesh	Private	Solar	37.36	38.86	1.50	4.01
AGEL PSS13	Madhya Pradesh	Private	Solar	0	2.97	2.97	-
Athena_RUMS	Madhya Pradesh	Private	Solar	42.73	42.85	0.12	0.28
Masaya BWSPRA_KNDW	Madhya Pradesh	Private	Solar	54.45	54.71	0.26	0.48
NTPC_REL_SJPR_RUMS	Madhya Pradesh	Private	Solar	14.54	15.70	1.16	7.98
TPSOURY_KWAI_NMCH	Madhya Pradesh	Private	Solar	61.04	61.38	0.34	0.56
Sherisha Raipur	Chhattisgarh	Private	Solar	8.9	8.80	-0.10	-1.12
Solapur Solar	Maharashtra	Central	Solar	1.47	1.49	0.02	1.36
NTPCCREL1 SJPR RUMS	Gujarat	Private	Solar	9.46	9.22	-0.24	-2.54
AREH4L_PSS1	Gujarat	Private	Solar	211.28	214.04	2.76	1.31
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	40.01	40.50	0.49	1.22
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	20.46	20.57	0.11	0.54
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	20.77	21.18	0.41	1.97
RPL_SECI-II	Gujarat	Private	Solar	50.74	45.60	-5.14	-10.13
Kawas NTPC	Gujarat	Central	Solar	9.38	8.88	-0.50	-5.33
Gandhar_Solar	Gujarat	Private	Solar	3.61	3.71	0.10	2.77
GSECL RSP	Gujarat	Private	Solar	12.47	13.37	0.90	7.22
IGESL DAYAPAR	Gujarat	Private	Solar	6.89	2.72	-4.17	-60.52
AGE25BL_PSS2_KPS1_SI	Gujarat	Private	Solar	156.96	157.52	0.56	0.36

AGE24AL	Gujarat	Private	Solar	0.00	0.00	0.00	-
Alfanar	Gujarat	Private	Wind	54.24	43.54	-10.70	-19.73
ARE48L PSS9 KPS1	Gujarat	Private	Wind	25.93	18.47	-7.46	-28.77
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	103.58	80.09	-23.49	-22.68
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	72.83	59.08	-13.75	-18.88
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	70.3	60.98	-9.32	-13.26
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	54.62	45.42	-9.20	-16.84
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	57.2	47.72	-9.48	-16.57
GSECL_PH2	Gujarat	Private	Wind	13.41	14.00	0.59	4.40
Ostro Kutch Wind Private Linted (OKWPL)	Gujarat	Private	Wind	67.35	61.47	-5.88	-8.73
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	50.54	47.18	-3.36	-6.65
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	38.69	35.44	-3.25	-8.40
Apraava Khkrda Jam	Gujarat	Private	Wind	70.75	66.33	-4.42	-6.25
Netra Kotda	Gujarat	Private	Wind	45.47	40.53	-4.94	-10.86
Powerica Wind	Gujarat	Private	Wind	12.3	11.22	-1.08	-8.78
RGESPL	Gujarat	Private	Wind	0	2.45	2.45	-
Torrent Sidpur Jam	Gujarat	Private	Wind	31.96	30.54	-1.42	-4.44
SITAC	Gujarat	Private	Wind	63.74	54.69	-9.05	-14.20
SRIJAN	Gujarat	Private	Wind	23.82	17.79	-6.03	-25.31
NVWEPL_DAYAPAR_BHJ_W	Gujarat	Private	Wind	51.4	28.34	-23.06	-44.86
SGEL RSP	Gujarat	Private	Wind	20.04	19.91	-0.13	-0.65
Sub Total				1997.30	1841.86		
Southern Region							
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	48.39	44.87	-3.53	-7.29

GRTJIPL	Tamil Nadu	Private	Solar	22.80	21.76	-1.04	-4.55
Veena Gadag S	Karnataka	Private	Solar	0.00	4.21	4.21	-
Veena Gadag W	Karnataka	Private	Wind	0.00	17.98	17.98	-
Mytra	Tamil Nadu	Private	Wind	41.10	34.75	-6.35	-15.45
Orange	Tamil Nadu	Private	Wind	40.92	36.45	-4.46	-10.91
Green Infra	Tamil Nadu	Private	Wind	5.26	7.13	1.87	35.53
Hiriyur Ostro	Tamil Nadu	Private	Wind	68.95	66.72	-2.23	-3.23
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	36.47	10.76	-25.71	-70.50
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	82.72	80.57	-2.15	-2.60
JSW Savlaperi	Tamil Nadu	Private	Wind	103.02	101.49	-1.53	-1.48
JSWNEO Dharmapuram	Tamil Nadu	Private	Wind	15.54	12.33	-3.22	-20.69
Ettayapuram NTPC	Tamil Nadu	Central	Solar	38.29	36.94	-1.35	-3.53
ARPSPL KOPPAL	Karnataka	Private	Wind	55.88	47.28	-8.60	-15.39
RSOPL KOPPAL	Karnataka	Private	Wind	65.18	68.47	3.30	5.06
RSRPL KOPPAL	Karnataka	Private	Wind	61.69	55.10	-6.59	-10.68
RSRPL Gadag	Karnataka	Private	Wind	9.05	9.28	0.23	2.60
Serentica_koppal	Karnataka	Private	Wind	32.64	34.79	2.15	6.57
Ramagundam Floating Solar	Telangana	Central	Solar	13.05	13.46	0.42	3.20
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	3.16	3.31	0.15	4.65
<u>Southern Region</u>				744.10	707.65		
<u>All India Total</u>				5645.30	5627.26		

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 January 2025

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	0.40	0.40	0.40	100.00
Delhi	0.00	98.49	0.00	0.00	55.82	55.82	154.31	36.17
Haryana	2359.32	0.00	0.00	0.00	194.75	194.75	2554.07	7.63
HP	0.00	0.00	0.00	1144.96	80.52	1225.48	1225.48	100.00
J & K	0.00	0.00	0.00	335.22	9.56	344.78	344.78	100.00
Ladakh	0.00	0.00	0.00	12.68	0.00	12.68	12.68	100.00
Punjab	2512.51	0.00	0.00	240.02	233.44	473.46	2985.97	15.86
Rajasthan	5857.32	64.90	642.19	139.45	4339.16	5120.80	11043.02	46.37
Uttar Pradesh	12924.97	28.03	336.39	128.92	897.09	1362.40	14315.40	9.52
Uttarakhand	0.00	0.00	0.00	684.70	77.81	762.51	762.51	100.00
Northern Region	23654.12	191.42	978.58	2685.95	5888.55	9553.08	33398.62	28.60
WESTERN REGION								
Chhattisgarh	15209.52	0.00	0.00	37.04	273.85	310.89	15520.41	2.00
Gujarat	7078.45	82.62	1266.48	218.30	3838.02	5322.80	12483.87	42.64
Madhya Pradesh	12701.92	0.00	0.00	523.01	1102.62	1625.63	14327.55	11.35
Maharashtra	11112.49	350.47	399.33	416.32	1954.71	2770.36	14233.32	19.46
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.56	2.56	2.56	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	46102.38	433.09	1665.81	1194.67	7177.20	10037.68	56573.15	17.74
SOUTHERN REGION								
Andhra Pradesh	6218.36	0.00	0.00	194.02	1225.49	1419.51	7637.87	18.59

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	5292.01	0.00	0.00	173.54	713.31	886.85	6178.86	14.35
Karnataka	4175.14	0.00	495.09	1349.12	3219.56	5063.77	9238.91	54.81
Kerala	0.00	0.00	0.00	411.70	206.15	617.85	617.85	100.00
Tamil Nadu	5352.46	133.98	1638.93	470.13	2378.24	4487.30	9973.74	44.99
Lakshadweep	5.51	0.00	0.00	0.00	0.01	0.01	5.52	0.14
Puducherry	0.00	16.79	0.00	0.00	1.02	1.02	17.81	5.73
Southern Region Total	21043.48	150.77	2134.02	2598.51	7743.78	12476.31	33670.56	37.05
EASTERN REGION								
Andaman Nicobar	31.55	0.00	0.00	0.00	2.27	2.27	33.82	6.71
Bihar	4607.30	0.00	0.00	0.00	55.32	55.32	4662.62	1.19
Jharkhand	3209.51	0.00	0.00	18.03	2.94	20.97	3230.48	0.65
Odisha	5845.28	0.00	0.00	350.06	88.70	438.76	6284.04	6.98
Sikkim	0.00	0.00	0.00	61.42	1.03	62.45	62.45	100.00
West Bengal	7712.06	0.00	0.00	168.75	169.80	338.55	8050.61	4.21
Eastern Region Total	21405.70	0.00	0.00	598.26	320.06	918.32	22324.02	4.11
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	142.37	0.17	142.54	142.54	100.00
Assam	399.67	301.01	0.00	47.92	40.10	88.02	788.70	11.16
Manipur	0.00	0.00	0.00	68.05	0.74	68.79	68.79	100.00
Meghalaya	0.00	0.00	0.00	36.69	5.70	42.39	42.39	100.00
Mizoram	0.00	0.00	0.00	10.37	5.64	16.01	16.01	100.00
Nagaland	0.00	0.00	0.00	5.26	2.28	7.54	7.54	100.00
Tripura	0.00	430.60	0.00	0.00	0.49	0.49	431.09	0.11
North Eastern Region Total	399.67	731.61	0.00	310.66	55.13	365.79	1497.07	24.43
All India Total	112605.35	1506.89	4778.41	7388.05	21184.71	33351.17	147463.41	22.62

Table 6:-Fossil and Non-Fossil Generation for the period of April 2024- January 2025

Name of 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	7.99	7.99	7.99	100.00
Delhi	0.00	3453.08	0.00	0.00	628.77	628.77	4081.85	15.40
Haryana	25878.67	215.37	0.00	0.00	1848.12	1848.12	27942.16	6.61
HP	0.00	0.00	0.00	36786.31	2957.23	39743.54	39743.54	100.00
J & K	0.00	0.00	0.00	13915.39	361.11	14276.50	14276.50	100.00
Ladakh	0.00	0.00	0.00	386.20	0.00	386.20	386.20	100.00
Punjab	28470.35	0.00	0.00	3689.62	2593.41	6283.03	34753.38	18.08
Rajasthan	53796.06	827.95	6459.67	665.49	46084.34	53209.50	107833.51	49.34
Uttar Pradesh	134782.32	1226.98	3136.22	1059.87	5810.58	10006.67	146015.97	6.85
Uttarakhand	0.00	836.59	0.00	13517.52	778.10	14295.62	15132.21	94.47
Northern Region	242927.40	6559.97	9595.89	70020.40	61069.65	140685.94	390173.31	36.06
WESTERN REGION								
Chhattisgarh	137414.43	0.00	0.00	323.76	2626.66	2950.42	140364.85	2.10
Gujarat	70956.94	7932.48	10176.54	5358.92	37070.47	52605.93	131495.35	40.01
Madhya Pradesh	120676.82	0.00	0.00	6772.92	10024.36	16797.28	137474.10	12.22
Maharashtra	107810.62	4812.12	7349.76	4464.88	16302.27	28116.91	140739.65	19.98
Daman and Diu and Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	23.27	23.27	23.27	100.00
Goa	0.00	0.00	0.00	0.00	54.37	54.37	54.37	100.00
Western Region	436858.81	12744.60	17526.30	16920.48	66101.40	100548.18	550151.59	18.28
SOUTHERN REGION								
Andhra Pradesh	59097.44	34.04	0.00	2878.41	13380.53	16258.94	75390.42	21.57
Telangana	46600.02	0.00	0.00	4970.05	6182.25	11152.30	57752.32	19.31

Karnataka	35446.68	0.00	6199.58	11342.78	28718.52	46260.88	81707.56	56.62
Kerala	1.53	0.00	0.00	5829.25	2286.07	8115.32	8116.85	99.98
Tamil Nadu	60334.05	1429.73	14486.65	4137.48	29067.67	47691.80	109455.58	43.57
Lakshadweep	55.22	0.00	0.00	0.00	0.08	0.08	55.30	0.14
Puducherry	0.00	174.79	0.00	0.00	10.20	10.20	184.99	5.51
Southern Region	201534.94	1638.56	20686.23	29157.97	79645.31	129489.51	332663.01	38.93
EASTERN REGION								
Andaman & Nicobar Islands	309.86	0.00	0.00	0.00	33.21	33.21	343.07	9.68
Bihar	50088.85	0.00	0.00	0.00	339.58	339.58	50428.43	0.67
Jharkhand	32686.73	0.00	0.00	245.76	18.27	264.03	32950.76	0.80
Odisha	56849.81	0.00	0.00	5473.15	1101.75	6574.90	63424.71	10.37
Sikkim	0.00	0.00	0.00	1919.88	10.30	1930.18	1930.18	100.00
West Bengal	77477.70	0.00	0.00	2336.05	1615.32	3951.37	81429.07	4.85
Eastern Region	217412.95	0.00	0.00	9974.84	3118.42	13093.26	230506.21	5.68
NORTH EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	3912.56	1.50	3914.06	3914.06	100.00
Assam	4083.64	2856.50	0.00	890.39	455.73	1346.12	8286.26	16.25
Manipur	0.00	0.00	0.00	648.89	7.20	656.09	656.09	100.00
Meghalaya	0.00	0.00	0.00	846.59	108.66	955.25	955.25	100.00
Mizoram	0.00	0.00	0.00	229.06	66.20	295.26	295.26	100.00
Nagaland	0.00	0.00	0.00	208.38	95.29	303.67	303.67	100.00
Tripura	0.00	4243.55	0.00	0.00	4.87	4.87	4248.42	0.11
North Eastern Region	4083.64	7100.05	0.00	6735.87	739.46	7475.33	18659.02	40.06
All India Total	1102817.74	28043.18	47808.42	132809.56	210674.25	391292.23	1522153.15	25.71

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

Renewable Energy (State Wise) Generation(MU) for the Month of January 2025								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+ (4)+(5))	RE 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	0.40	0.40	0.40	100.00
Delhi	0.00	98.49	0.00	0.00	55.82	55.82	154.31	36.17
Haryana	2359.32	0.00	0.00	0.00	194.75	194.75	2554.07	7.63
HP	0.00	0.00	0.00	1144.96	80.52	1225.48	1225.48	100.00
J & K	0.00	0.00	0.00	335.22	9.56	344.78	344.78	100.00
Ladakh	0.00	0.00	0.00	12.68	0.00	12.68	12.68	100.00
Punjab	2512.51	0.00	0.00	240.02	233.44	473.46	2985.97	15.86
Rajasthan	5857.32	64.90	642.19	139.45	4339.16	4478.61	11043.02	40.56
Uttar Pradesh	12924.97	28.03	336.39	128.92	897.09	1026.01	14315.40	7.17
Uttarakhand	0.00	0.00	0.00	684.70	77.81	762.51	762.51	100.00
Northern Region Total	23654.12	191.42	978.58	2685.95	5888.55	8574.50	33398.62	25.67
WESTERN REGION								
Chhattisgarh	15209.52	0.00	0.00	37.04	273.85	310.89	15520.41	2.00
Gujarat	7078.45	82.62	1266.48	218.30	3838.02	4056.32	12483.87	32.49
Madhya Pradesh	12701.92	0.00	0.00	523.01	1102.62	1625.63	14327.55	11.35
Maharashtra	11112.49	350.47	399.33	416.32	1954.71	2371.03	14233.32	16.66
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.56	2.56	2.56	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	46102.38	433.09	1665.81	1194.67	7177.20	8371.87	56573.15	14.80
SOUTHERN REGION								
Andhra Pradesh	6218.36	0.00	0.00	194.02	1225.49	1419.51	7637.87	18.59
Telangana	5292.01	0.00	0.00	173.54	713.31	886.85	6178.86	14.35
Karnataka	4175.14	0.00	495.09	1349.12	3219.56	4568.68	9238.91	49.45

Renewable Energy (State Wise) Generation(MU) for the Month of January 2025								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Kerala	0.00	0.00	0.00	411.70	206.15	617.85	617.85	100.00
Tamil Nadu	5352.46	133.98	1638.93	470.13	2378.24	2848.37	9973.74	28.56
Lakshadweep	5.51	0.00	0.00	0.00	0.01	0.01	5.52	0.14
Puducherry	0.00	16.79	0.00	0.00	1.02	1.02	17.81	5.73
Southern Region Total	21043.48	150.77	2134.02	2598.51	7743.78	10342.29	33670.56	30.72
EASTERN REGION								
Andaman & Nicobar Islands	31.55	0.00	0.00	0.00	2.27	2.27	33.82	6.71
Bihar	4607.30	0.00	0.00	0.00	55.32	55.32	4662.62	1.19
Jharkhand	3209.51	0.00	0.00	18.03	2.94	20.97	3230.48	0.65
Odisha	5845.28	0.00	0.00	350.06	88.70	438.76	6284.04	6.98
Sikkim	0.00	0.00	0.00	61.42	1.03	62.45	62.45	100.00
West Bengal	7712.06	0.00	0.00	168.75	169.80	338.55	8050.61	4.21
Eastern Region Total	21405.70	0.00	0.00	598.26	320.06	918.32	22324.02	4.11
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	142.37	0.17	142.54	142.54	100.00
Assam	399.67	301.01	0.00	47.92	40.10	88.02	788.70	11.16
Manipur	0.00	0.00	0.00	68.05	0.74	68.79	68.79	100.00
Meghalaya	0.00	0.00	0.00	36.69	5.70	42.39	42.39	100.00
Mizoram	0.00	0.00	0.00	10.37	5.64	16.01	16.01	100.00
Nagaland	0.00	0.00	0.00	5.26	2.28	7.54	7.54	100.00
Tripura	0.00	430.60	0.00	0.00	0.49	0.49	431.09	0.11
North Eastern Region Total	399.67	731.61	0.00	310.66	55.13	365.79	1497.07	24.43
All India Total	112605.35	1506.89	4778.41	7388.05	21184.71	28572.76	147463.41	19.38

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

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- January 2025								
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	7.99	7.99	7.99	100.00
Delhi	0.00	3453.08	0.00	0.00	628.77	628.77	4081.85	15.40
Haryana	25878.67	215.37	0.00	0.00	1848.12	1848.12	27942.16	6.61
HP	0.00	0.00	0.00	36786.31	2957.23	39743.54	39743.54	100.00
J & K	0.00	0.00	0.00	13915.39	361.11	14276.50	14276.50	100.00
Ladakh	0.00	0.00	0.00	386.20	0.00	386.20	386.20	100.00
Punjab	28470.35	0.00	0.00	3689.62	2593.41	6283.03	34753.38	18.08
Rajasthan	53796.06	827.95	6459.67	665.49	46084.34	46749.83	107833.51	43.35
Uttar Pradesh	134782.32	1226.98	3136.22	1059.87	5810.58	6870.45	146015.97	4.71
Uttarakhand	0.00	836.59	0.00	13517.52	778.10	14295.62	15132.21	94.47
Northern Region Total	242927.40	6559.97	9595.89	70020.40	61069.65	131090.05	390173.31	33.60
WESTERN REGION								
Chhattisgarh	137414.43	0.00	0.00	323.76	2626.66	2950.42	140364.85	2.10
Gujarat	70956.94	7932.48	10176.54	5358.92	37070.47	42429.39	131495.35	32.27
Madhya Pradesh	120676.82	0.00	0.00	6772.92	10024.36	16797.28	137474.10	12.22
Maharashtra	107810.62	4812.12	7349.76	4464.88	16302.27	20767.15	140739.65	14.76
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	23.27	23.27	23.27	100.00
Goa	0.00	0.00	0.00	0.00	54.37	54.37	54.37	100.00
Western Region Total	436858.81	12744.60	17526.30	16920.48	66101.40	83021.88	550151.59	15.09
SOUTHERN REGION								
Andhra Pradesh	59097.44	34.04	0.00	2878.41	13380.53	16258.94	75390.42	21.57
Telangana	46600.02	0.00	0.00	4970.05	6182.25	11152.30	57752.32	19.31
Karnataka	35446.68	0.00	6199.58	11342.78	28718.52	40061.30	81707.56	49.03

Renewable Energy (State Wise Generation (MU) for the Period of April 2024- January 2025								
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	5829.25	2286.07	8115.32	8116.85	99.98
Tamil Nadu	60334.05	1429.73	14486.65	4137.48	29067.67	33205.15	109455.58	30.34
Lakshadweep	55.22	0.00	0.00	0.00	0.08	0.08	55.30	0.14
Puducherry	0.00	174.79	0.00	0.00	10.20	10.20	184.99	5.51
Southern Region Total	201534.94	1638.56	20686.23	29157.97	79645.31	108803.28	332663.01	32.71
EASTERN REGION								
Andaman & Nicobar Islands	309.86	0.00	0.00	0.00	33.21	33.21	343.07	9.68
Bihar	50088.85	0.00	0.00	0.00	339.58	339.58	50428.43	0.67
Jharkhand	32686.73	0.00	0.00	245.76	18.27	264.03	32950.76	0.80
Odisha	56849.81	0.00	0.00	5473.15	1101.75	6574.90	63424.71	10.37
Sikkim	0.00	0.00	0.00	1919.88	10.30	1930.18	1930.18	100.00
West Bengal	77477.70	0.00	0.00	2336.05	1615.32	3951.37	81429.07	4.85
Eastern Region Total	217412.95	0.00	0.00	9974.84	3118.42	13093.26	230506.21	5.68
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	3912.56	1.50	3914.06	3914.06	100.00
Assam	4083.64	2856.50	0.00	890.39	455.73	1346.12	8286.26	16.25
Manipur	0.00	0.00	0.00	648.89	7.20	656.09	656.09	100.00
Meghalaya	0.00	0.00	0.00	846.59	108.66	955.25	955.25	100.00
Mizoram	0.00	0.00	0.00	229.06	66.20	295.26	295.26	100.00
Nagaland	0.00	0.00	0.00	208.38	95.29	303.67	303.67	100.00
Tripura	0.00	4243.55	0.00	0.00	4.87	4.87	4248.42	0.11
North Eastern Region Total	4083.64	7100.05	0.00	6735.87	739.46	7475.33	18659.02	40.06
All India Total	1102817.74	28043.18	47808.42	132809.56	210674.25	343483.81	1522153.15	22.57

Table 9: Monthly Source wise RE generation January-2025 and January -2024

RE generation(MUs) data (source wise) for the month of January -2025 and January 2024														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	January'25	January'24	January'25	January'24	January'25	January'24	January'25	January'24	January'25	January'24	January'25	January'24	January'25	January'24
NORTHERN REGION														
Chandigarh	0.00	0.00	0.40	0.45	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	38.61	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	8.33	4.45	0.00	0.00	0.00	0.00	72.19	67.18	0.00	0.00	1144.96	1241.96
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.56	13.30	0.00	0.00	335.22	340.28
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	12.68	13.98
Punjab	0.00	0.00	90.25	38.65	64.56	60.08	54.36	37.25	24.27	27.14	0.00	0.00	240.02	279.95
Rajasthan	445.99	334.78	3854.00	2767.32	38.98	35.35	0.00	0.00	0.19	1.88	0.00	0.00	139.45	141.15
Uttar Pradesh	0.00	0.00	353.80	205.22	10.30	7.61	506.80	528.00	25.03	15.68	1.18	3.13	128.92	81.22
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	684.70	690.23
Northern Region	445.99	334.78	4473.85	3157.85	145.87	123.83	581.87	589.07	198.02	175.76	42.95	54.13	2685.95	2788.77
WESTERN REGION														
Chhattisgarh	0.00	0.00	128.63	78.92	133.19	126.65	7.09	2.79	4.94	4.87	0.00	0.00	37.04	16.99
Gujarat	1969.03	1455.35	1822.79	1226.22	21.59	0.00	0.00	1.39	24.62	21.39	0.00	0.00	218.30	312.93
Madhya Pradesh	287.32	169.63	736.02	289.36	8.75	7.92	23.16	26.12	41.84	43.11	5.53	1.82	523.01	500.48
Maharashtra	319.61	348.55	778.09	504.20	27.22	21.98	755.04	720.42	66.95	72.16	7.80	7.40	416.32	385.78
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.37	1.39	1.19	1.04	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 January -2025 and January 2024														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	January'25	January'24	January'25	January'24	January'25	January'24	January'25	January'24	January'25	January'24	January '25	January '24	January'25	January'24
Western Region	2575.96	1973.53	3471.66	2104.85	191.93	157.59	785.29	750.72	138.35	141.53	14.01	9.90	1194.67	1216.18
SOUTHERN REGION														
Andhra Pradesh	425.99	481.89	714.51	693.16	1.78	2.17	9.68	10.53	47.70	15.12	25.83	24.71	194.02	133.95
Telangana	20.96	22.83	642.89	574.68	0.52	0.37	19.49	22.05	5.63	3.68	23.82	13.26	173.54	98.28
Karnataka	1085.67	633.18	1455.99	1314.57	3.24	2.02	577.26	514.00	97.40	32.14	0.00	0.00	1349.12	485.28
Kerala	9.37	6.34	157.23	106.68	0.00	0.00	0.00	6.17	33.14	33.24	6.41	0.00	411.70	395.39
Tamil Nadu	1073.76	622.57	1223.51	935.73	8.75	11.61	38.22	50.32	34.01	23.04	0.00	0.00	470.13	276.74
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	2615.74	1766.80	4195.15	3625.85	14.29	16.17	644.65	603.07	217.88	107.21	56.07	37.97	2598.51	1389.64
EASTERN REGION														
Andaman & Nicobar Islands	0.00	0.00	1.71	2.87	0.00	0.00	0.00	0.00	0.56	0.89	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	26.07	15.90	0.00	0.00	29.25	24.57	0.00	0.13	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	1.47	2.68	0.00	0.00	18.03	5.30
Odisha	0.00	0.00	56.20	62.29	4.32	8.76	0.00	0.00	28.18	20.35	0.00	0.00	350.06	444.72
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	61.42	47.16
West Bengal	0.00	0.00	30.55	9.51	0.00	0.00	0.00	0.00	13.05	14.94	126.20	120.99	168.75	185.78

RE generation(MUs) data (source wise) for the month of January -2025 and January 2024														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	January'25	January'24	January'25	January'24	January'25	January'24	January'25	January'24	January'25	January'24	January '25	January '24	January'25	January'24
Eastern Region	0.00	0.00	116.00	92.04	4.32	8.76	29.25	24.57	44.28	40.02	126.20	120.99	598.26	682.96
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.12	0.13	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.00	142.37	148.59
Assam	0.00	0.00	24.84	26.47	0.00	0.00	0.00	0.00	15.24	2.54	0.02	0.15	47.92	39.85
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	68.05	25.15
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.70	4.98	0.00	0.00	36.69	40.07
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	10.37	16.34
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	2.80	0.00	0.00	5.26	4.73
Tripura	0.00	0.00	0.49	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	29.08	27.88	0.00	0.00	0.00	0.00	26.03	18.36	0.02	0.15	310.66	274.73
All India Total	5637.69	4075.12	12285.74	9008.47	356.41	306.36	2041.06	1967.43	624.57	482.88	239.24	223.14	7388.05	6352.28

Table 10: Cumulative Source wise RE generation April 2024-January 2025 and April 2023-January 2024

RE generation(MUs) data (source wise) for the period of April 2024 –January 2025 and April 2023 –January 2024														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24-Jan25	Apr'23- Jan 24	Apr'24-Jan25	Apr'23- Jan 24	Apr'24-Jan25	Apr'23- Jan 24	Apr'24-Jan25	Apr'23- Jan 24	Apr'24-Jan25	Apr'23- Jan 24	Apr'24-Jan25	Apr'23- Jan 24	Apr'24-Jan25	Apr'23- Jan 24
NORTHERN REGION														
Chandigarh	0.00	0.00	7.99	10.44	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	172.11	172.11	0.00	0.00	0.00	0.00	0.00	0.00	456.66	428.49	0.00	0.00
Haryana	0.00	0.00	1225.58	798.52	295.17	239.78	44.60	60.57	239.96	199.94	42.81	49.48	0.00	0.00
Himachal Pradesh	0.00	0.00	77.87	49.39	0.00	0.00	0.00	0.00	2879.36	2382.10	0.00	0.00	36786.31	33510.76
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	361.11	360.63	0.00	0.00	13915.39	14266.94
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	386.20	361.37
Punjab	0.00	0.00	1121.22	2442.03	575.87	500.57	241.72	120.94	654.60	572.42	0.00	0.00	3689.62	4155.12
Rajasthan	5949.11	7196.37	39803.22	31042.22	330.20	314.83	0.00	0.00	1.80	4.43	0.00	0.00	665.49	750.93
Uttar Pradesh	0.00	0.00	3953.85	3172.20	48.47	32.00	1638.14	2014.24	143.66	141.71	26.46	79.81	1059.87	748.05
Uttarakhand	0.00	0.00	276.50	276.50	0.00	0.00	207.10	207.10	294.50	294.50	0.00	0.00	13517.52	12575.09
Northern Region	5949.11	7196.37	46638.35	37963.41	1249.72	1087.19	2131.56	2402.84	4574.99	3955.74	525.93	557.78	70020.40	66368.26
WESTERN REGION														
Chhattisgarh	0.00	0.00	1214.19	701.22	1268.84	1164.96	13.37	11.64	130.27	139.04	0.00	0.00	323.76	274.92
Gujarat	21623.73	21259.90	15227.99	10725.96	65.07	0.00	0.00	2.13	153.68	166.50	0.00	0.00	5358.92	4030.02
Madhya Pradesh	3988.24	4116.24	5440.09	2985.66	52.98	72.77	83.46	53.41	406.47	398.23	53.12	21.68	6772.92	5813.75
Maharashtra	7098.30	7469.55	6043.53	4634.41	213.14	250.15	2182.08	2281.51	691.72	757.08	73.50	21.32	4464.88	4678.97
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	12.71	12.49	10.56	9.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	47.59	50.48	0.00	1.04	0.00	0.00	0.00	0.00	6.78	6.60	0.00	0.00
Western Region	32710.27	32845.69	27986.09	19110.20	1610.59	1498.63	2278.91	2348.68	1382.14	1460.85	133.40	49.60	16920.48	14797.66

RE generation(MUs) data (source wise) for the period of April 2024 –January 2025 and April 2023 –January 2024														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24-Jan25	Apr'23- Jan 24
SOUTHERN REGION														
Andhra Pradesh	6454.68	7739.41	6383.88	6684.06	15.46	15.55	43.07	43.10	230.09	111.09	253.35	255.39	2878.41	1246.45
Telangana	255.32	265.75	5585.41	5563.55	8.29	4.25	48.29	60.87	68.58	53.85	216.36	121.59	4970.05	1170.05
Karnataka	12115.20	9849.40	12569.01	12433.73	26.60	46.22	1916.40	2151.40	2091.31	1329.24	0.00	0.00	11342.78	7748.11
Kerala	107.64	203.05	1363.79	946.91	0.00	0.00	20.53	66.62	744.31	645.86	49.80	0.04	5829.25	4290.83
Tamil Nadu	16028.86	15800.05	12430.76	9404.14	88.77	107.17	291.06	473.75	228.22	165.24	0.00	0.00	4137.48	3137.72
Lakshadweep	0.00	0.00	0.08	0.08	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	10.20	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	34961.70	33857.66	38343.11	35042.66	139.12	173.19	2319.35	2795.73	3362.51	2305.28	519.51	377.02	29157.97	17593.16
EASTERN REGION														
Andaman & Nicobar Islands	0.00	0.00	19.84	20.97	0.00	0.00	0.00	0.00	13.37	10.20	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	264.70	156.55	0.00	0.00	62.96	97.30	11.93	5.65	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	14.70	14.70	0.00	0.00	0.00	0.00	3.57	2.68	0.00	0.00	245.76	184.51
Odisha	0.00	0.00	627.14	611.06	53.75	81.97	0.00	0.00	420.86	370.93	0.00	0.00	5473.15	5342.10
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.30	10.30	0.00	0.00	1919.88	8539.52
West Bengal	0.00	0.00	244.75	128.81	0.00	0.00	0.00	0.00	158.77	178.59	1211.80	1278.18	2336.05	2538.54
Eastern Region	0.00	0.00	1171.12	932.09	53.75	81.97	62.96	97.30	618.80	578.35	1211.80	1278.18	9974.84	16604.67
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	1.01	1.72	0.00	0.00	0.00	0.00	0.49	0.56	0.00	0.00	3912.56	3901.57

RE generation(MUs) data (source wise) for the period of April 2024 –January 2025 and April 2023 –January 2024

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24- Jan25	Apr'23- Jan 24	Apr'24-Jan25	Apr'23- Jan 24
Assam	0.00	0.00	253.91	264.94	0.00	0.00	0.00	0.00	201.55	59.12	0.28	0.54	890.39	558.37
Manipur	0.00	0.00	7.20	6.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	648.89	273.87
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.66	58.58	0.00	0.00	846.59	754.19
Mizoram	0.00	0.00	19.61	2.66	0.00	0.00	0.00	0.00	46.59	79.94	0.00	0.00	229.06	98.05
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.29	75.73	0.00	0.00	208.38	160.26
Tripura	0.00	0.00	4.87	3.98	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	286.60	279.69	0.00	0.00	0.00	0.00	452.58	273.93	0.28	1.77	6735.87	5746.31
All India Total	73621.08	73899.71	114425.28	93328.05	3053.18	2840.97	6792.77	7644.56	10391.01	8574.14	2390.93	2264.35	132809.56	121110.06



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