



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

December-2022/दिसंबर-2022

नवीकरणीय परियोजना प्रबोधन प्रभाग
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Note:-The RE Generation indicated in this report Excludes generation from Conventional Large hydro.

Highlights of RE GENERATION (excluding Large Hydro)

During December 2022

1. RE capacity addition during December 2022 has been 1388.02MW (Solar - 1336.13MW and Wind -34.5 MW, Bio Power – 4.2 MW, Others (waste to energy)- 2.19MW, Small Hydro -11MW).
2. RE generation during December 2022 has increased by 22.27 % as compared to December 2021.
3. Solar Power generation during December 2022 as compared to December 2021 has increased by 40.11% on All India basis in all states except Haryana.
4. Wind Power generation during December 2022 as compared to December 2021 has increased by 11.72% on All India basis in all states except Rajasthan and Madhya Pradesh. .
5. Biomass Power generation during December 2022 as compared to December 2021 has increased by 09.93%.
6. Bagasse power generation during December 2022 as compared to December 2021 has decreased by 03.93% on All India basis.
7. Others (Waste to Heat) Power generation has increased by 0.15% during December 2022 as compared to December 2021.
8. Small Hydro Power generation during December 2022 as compared to December 2021 has increased by 20.38%.

Summary of RE Capacity Addition for the Month of December'22

Increased by 63.83% as compared to December 21.

Increased by 230.84% as compared to November 22.

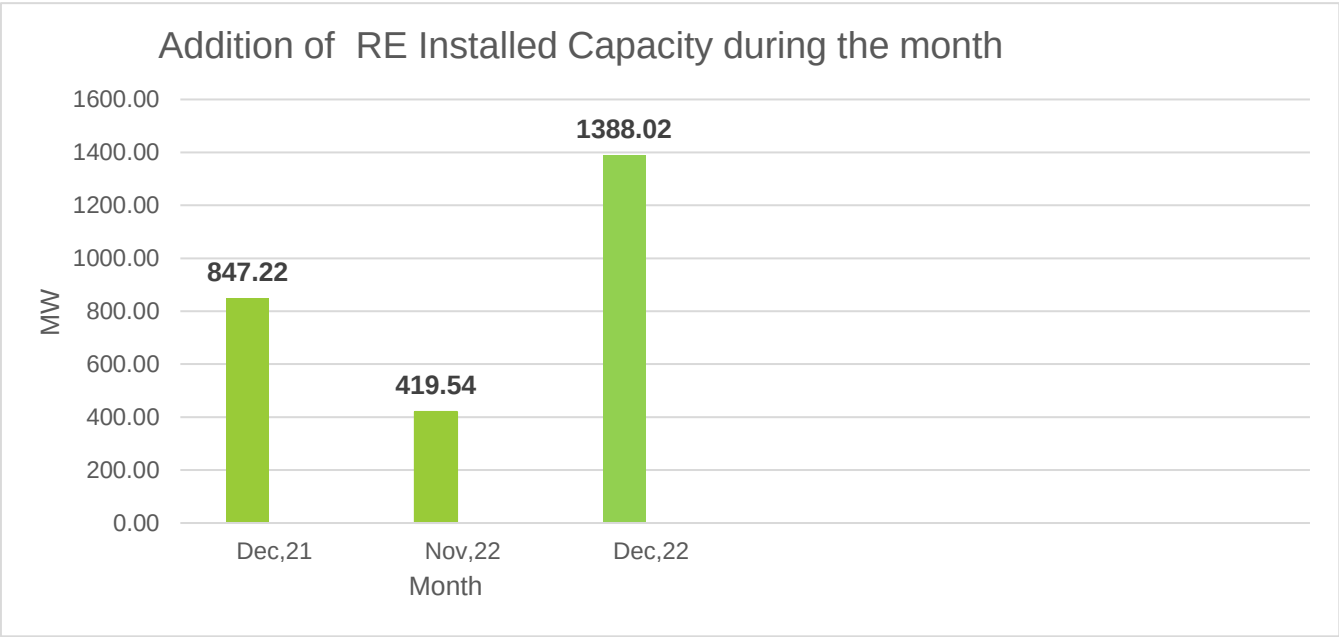


Figure 1: RE capacity added during the Month

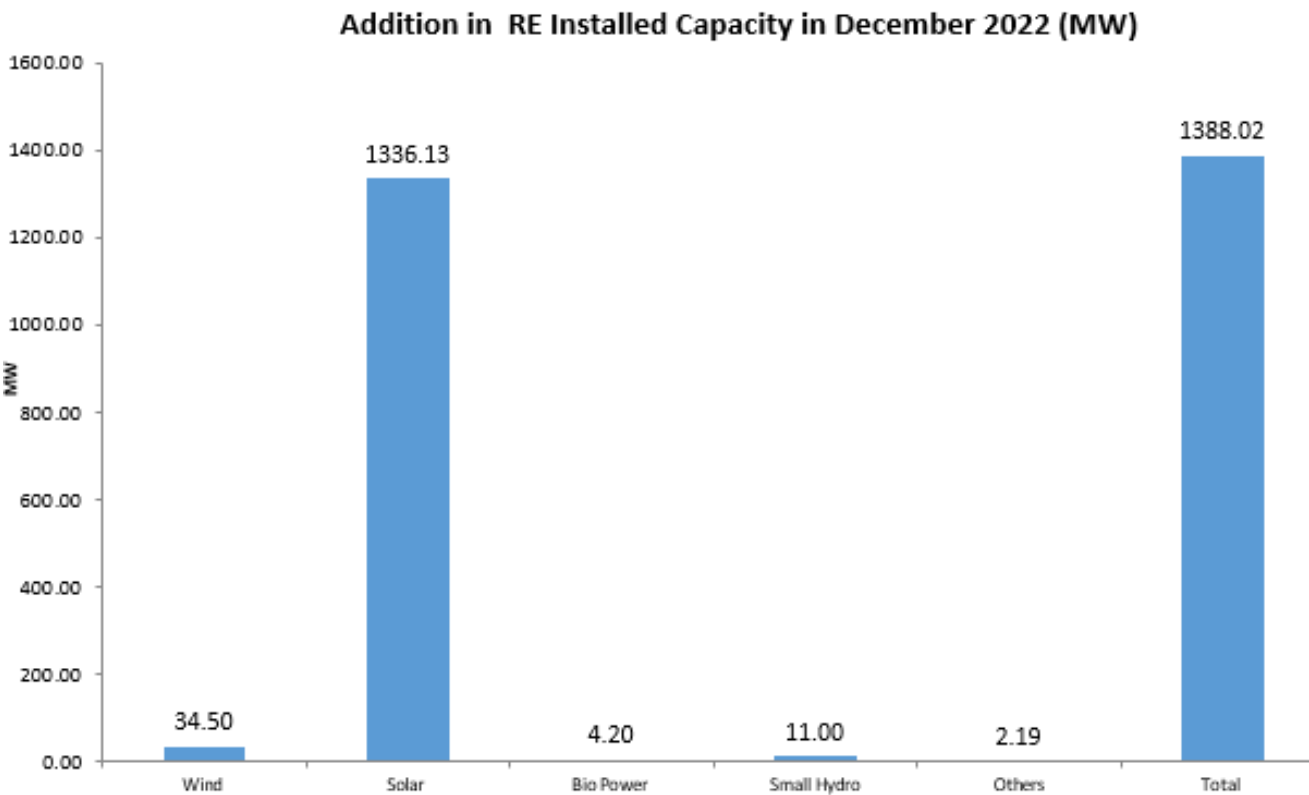


Figure 2: Source wise addition in RE Installed Capacity in December 22

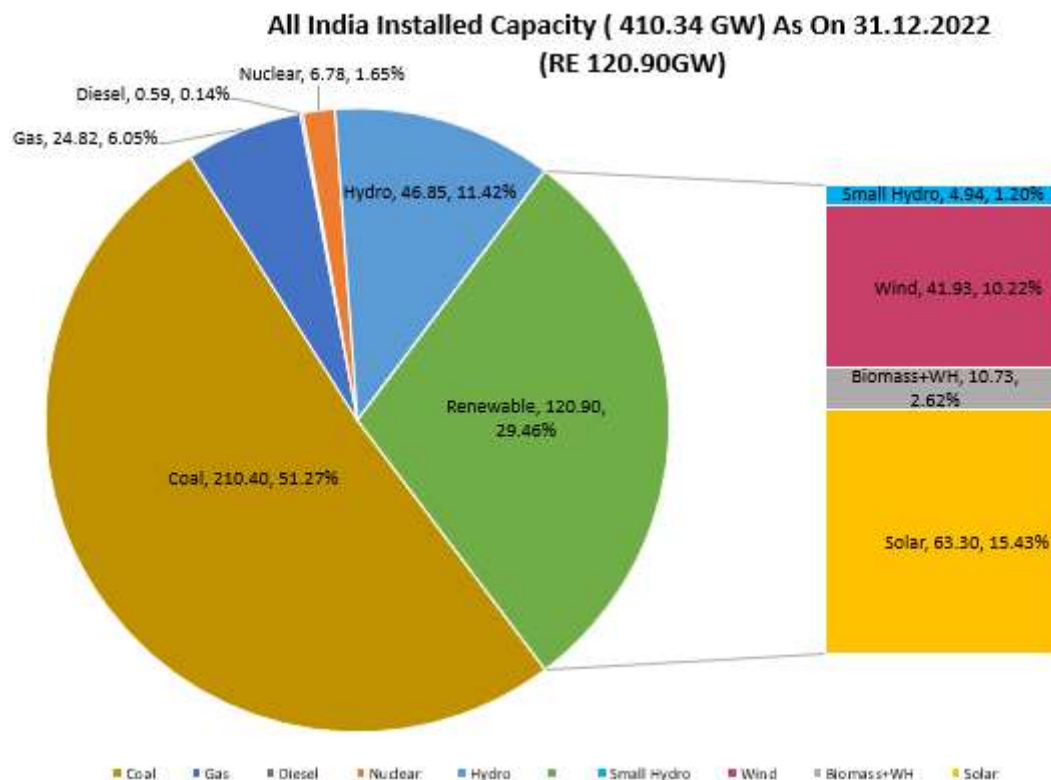


Figure 3: Installed Capacity in India as on 31.12.2022

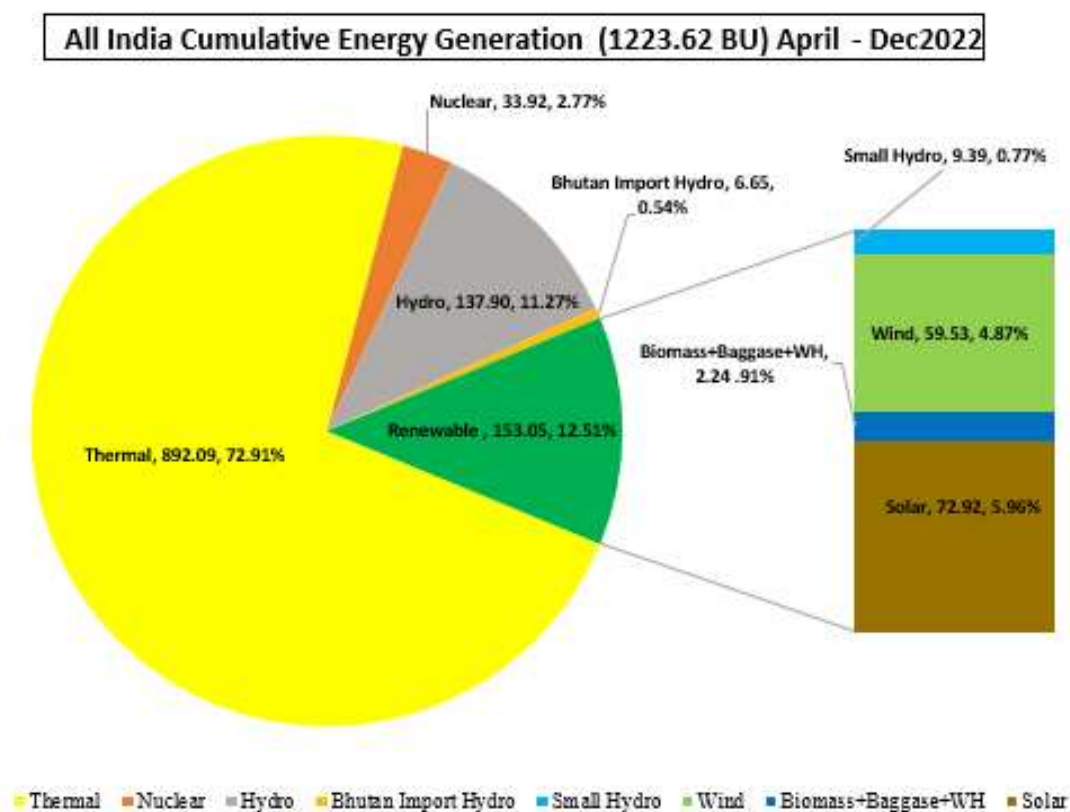


Figure 4: Cumulative Total Energy Generation in India and Share of RE for the year 2022-23(up to December 22).

All India Monthly Energy Generation (131.10 BU) Dec 2022

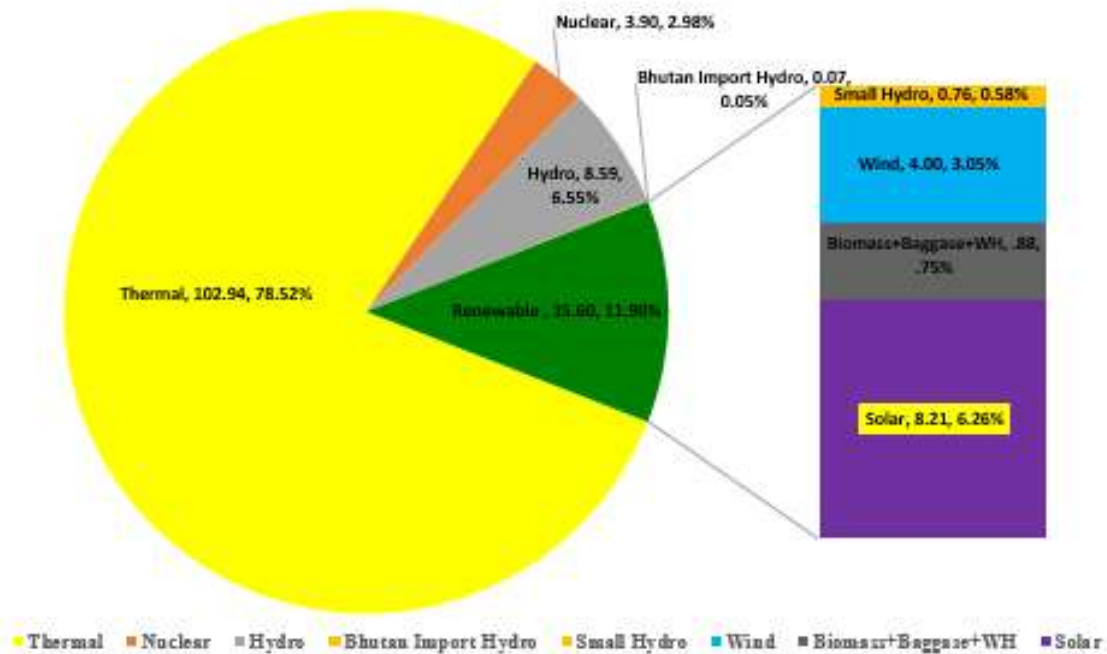


Figure 5: Total Energy Generation in India and Share of RE in the month of December-2022

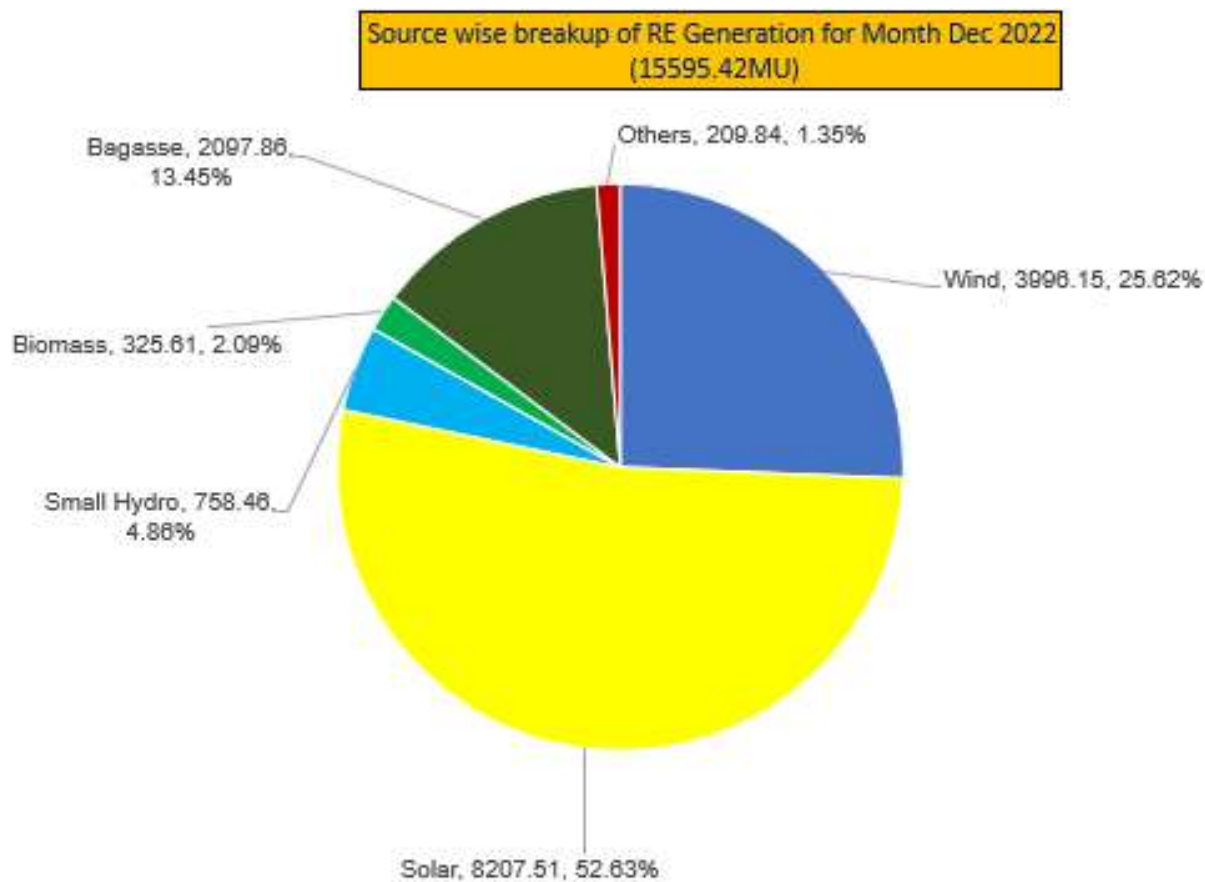


Figure 6: Source wise breakup of RE Generation in the month of December-2022

Source wise breakup of cumulative RE Generation for April 22- Dec 22
(153052.72 MU)

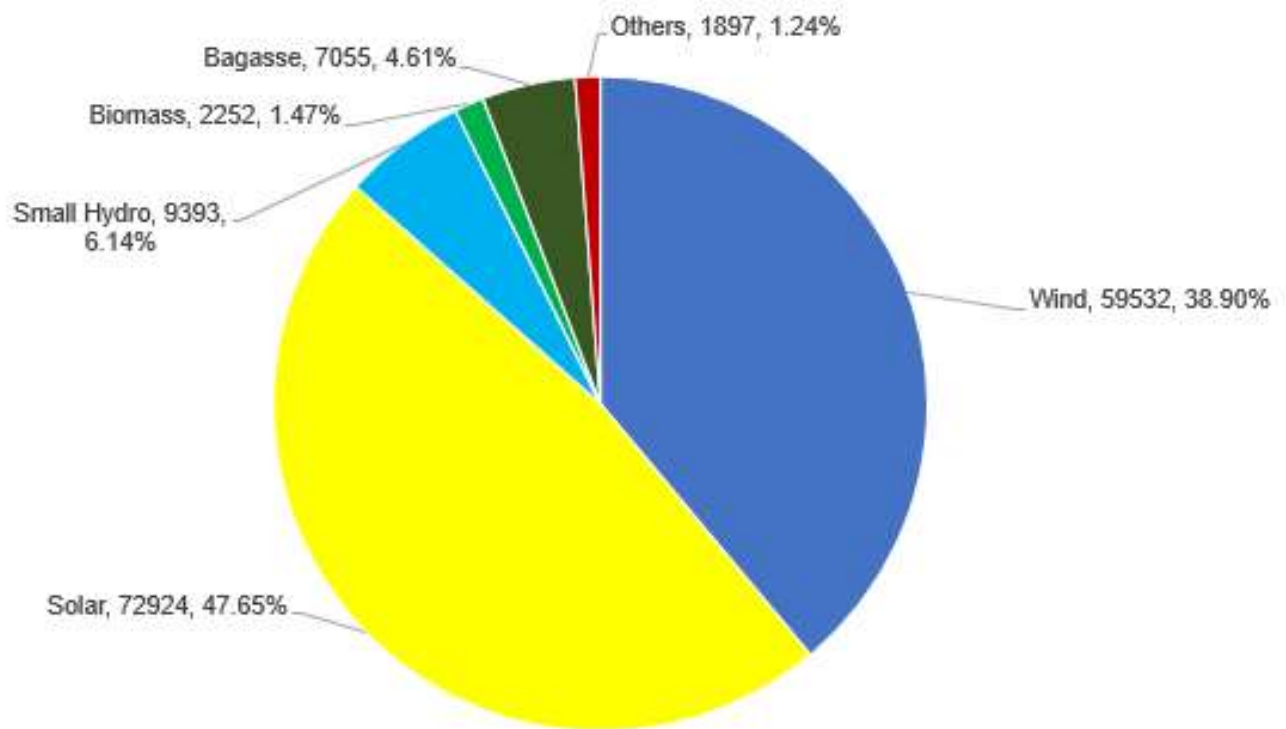


Figure 7: Source wise breakup of Cumulative RE Generation for the year 2022-23(up to December 22).

Summary of Renewable Energy Generation

Increased by 22.27% as compared to December'21.

Increased by 16.44% as compared to November'22.

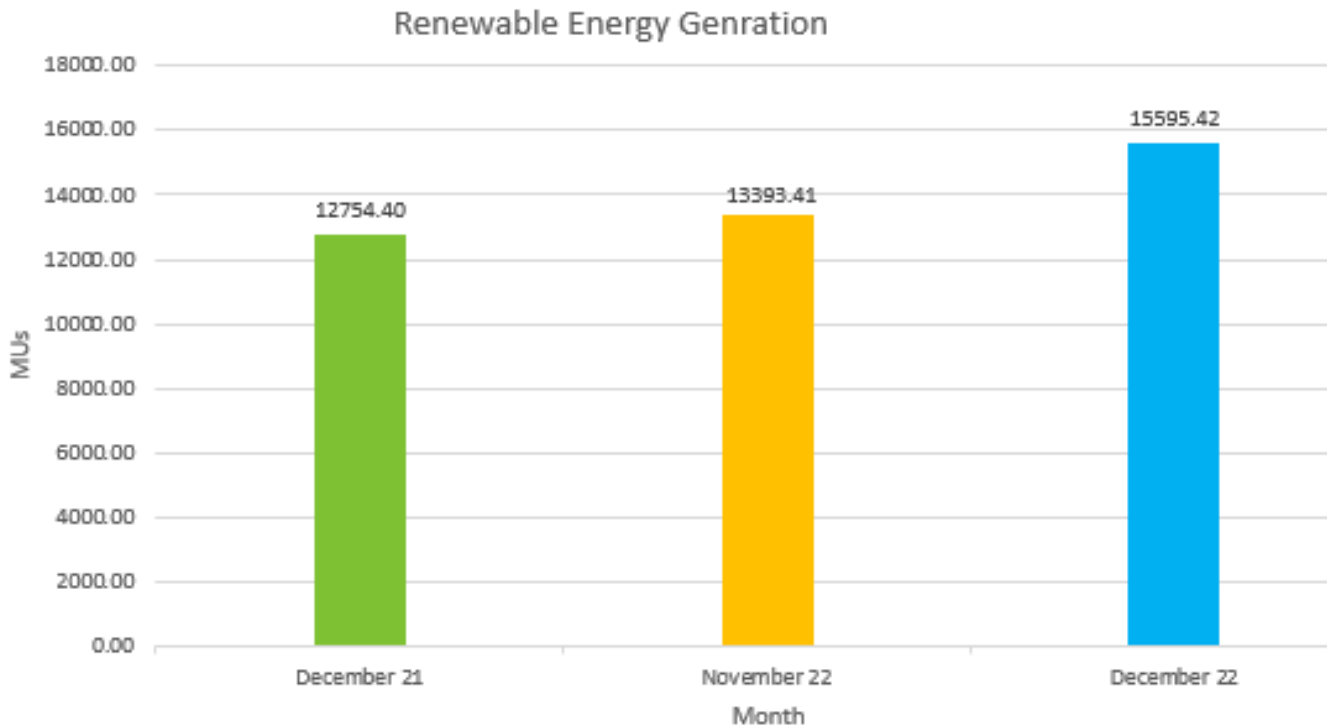


Figure 8: Renewable Energy Generation

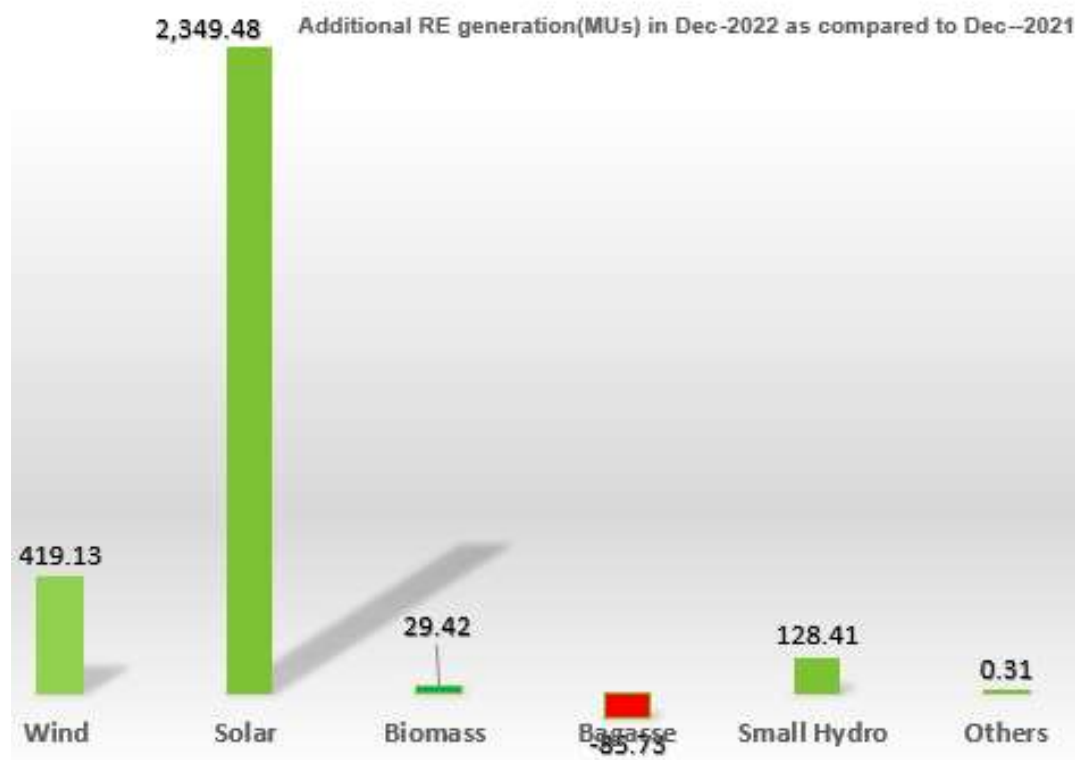


Figure 9: Additional RE Generation in December22 as compared to December21

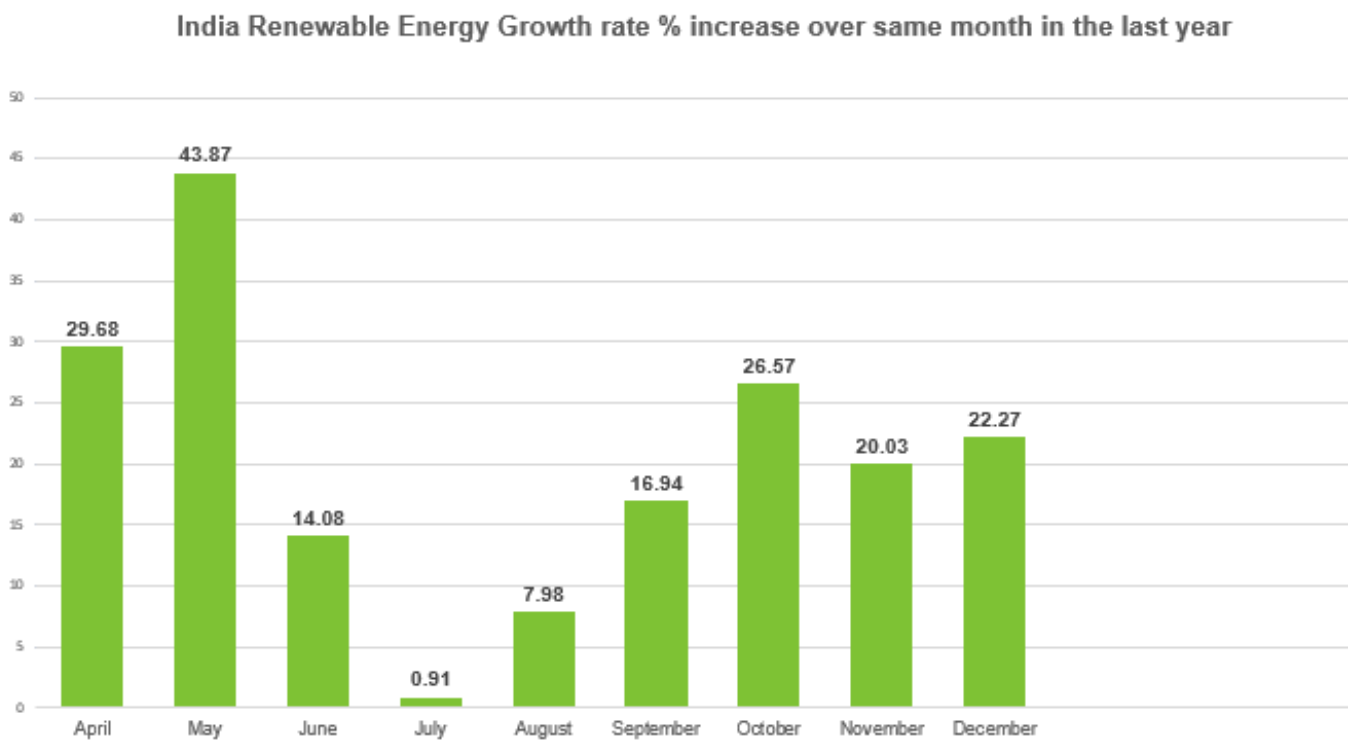


Figure 10: Month Wise Growth of RE Generation in year 2022-23 w.r.t to previous year Same Month.

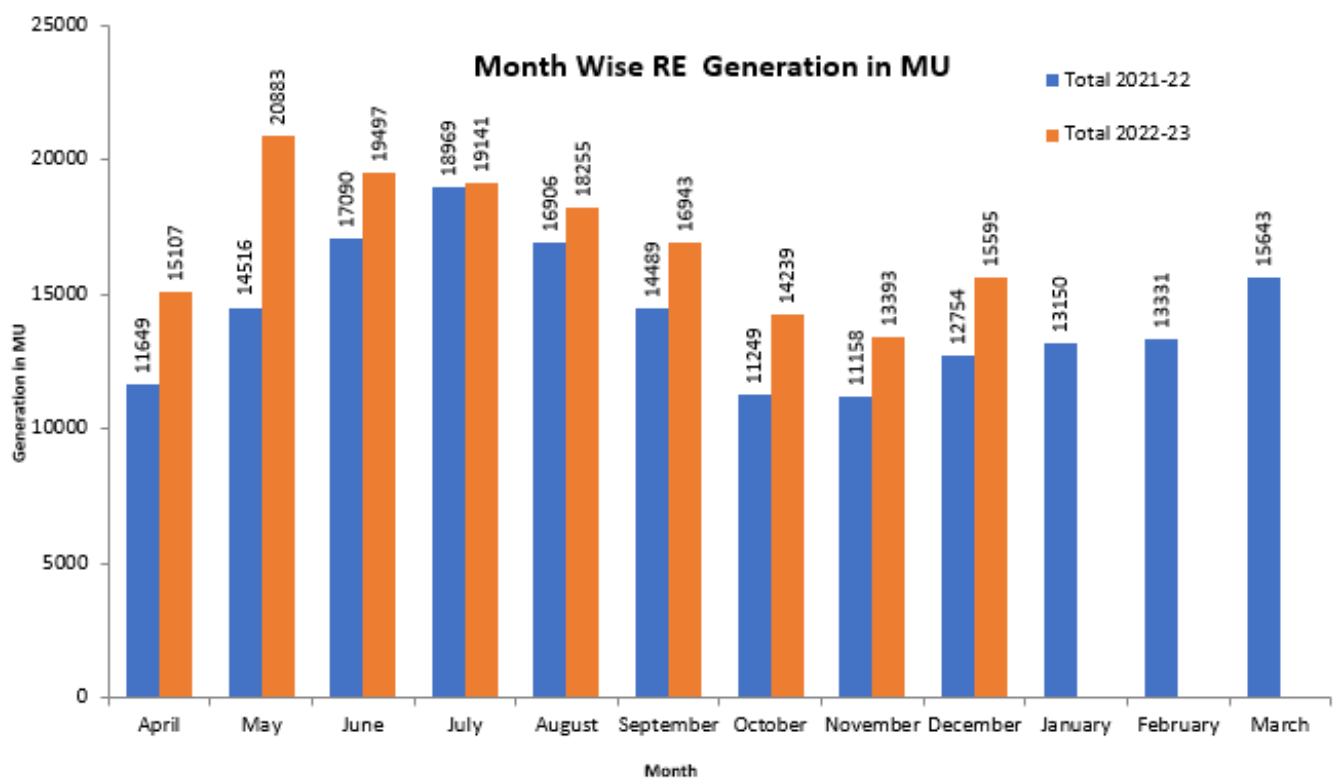


Figure 11: comparison of Month Wise RE Generation in year 2021-22 & in year 2022-23

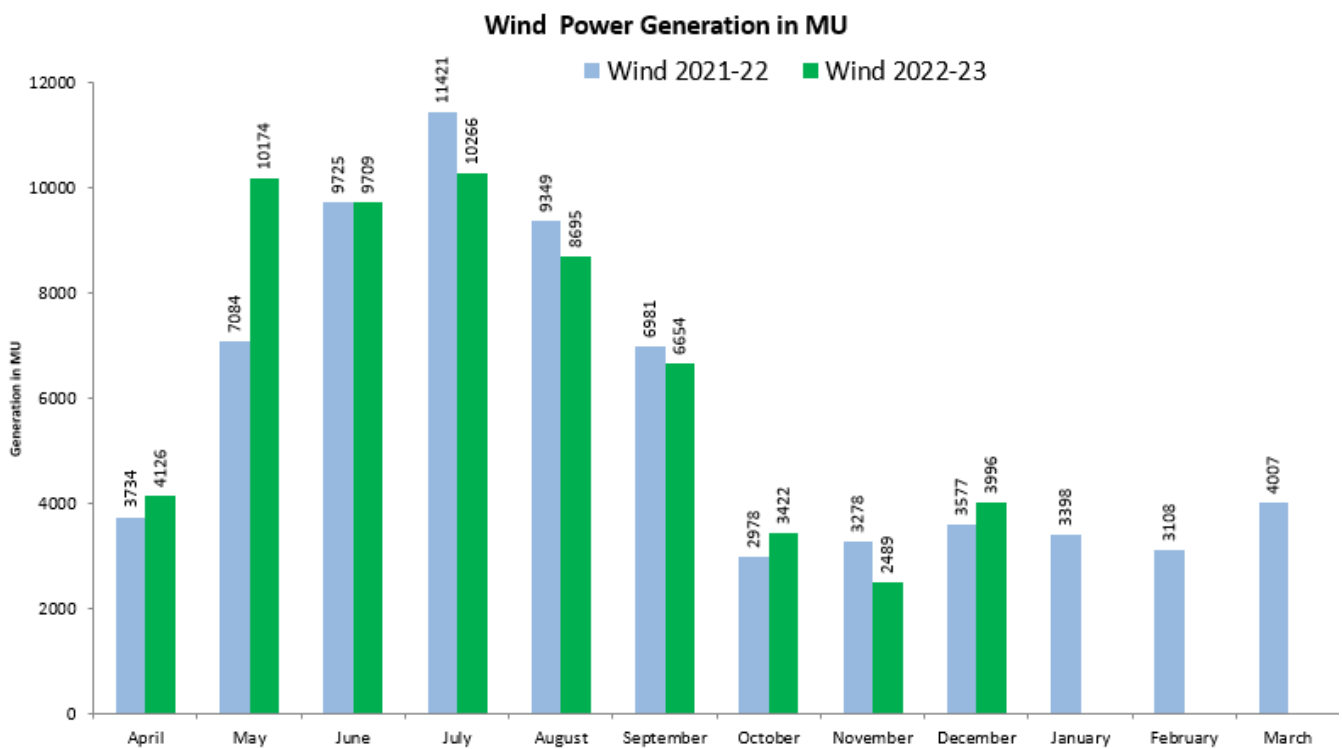


Figure 12: Month Wise Wind Power Generation for the year 2021-22 and year 2022-23.

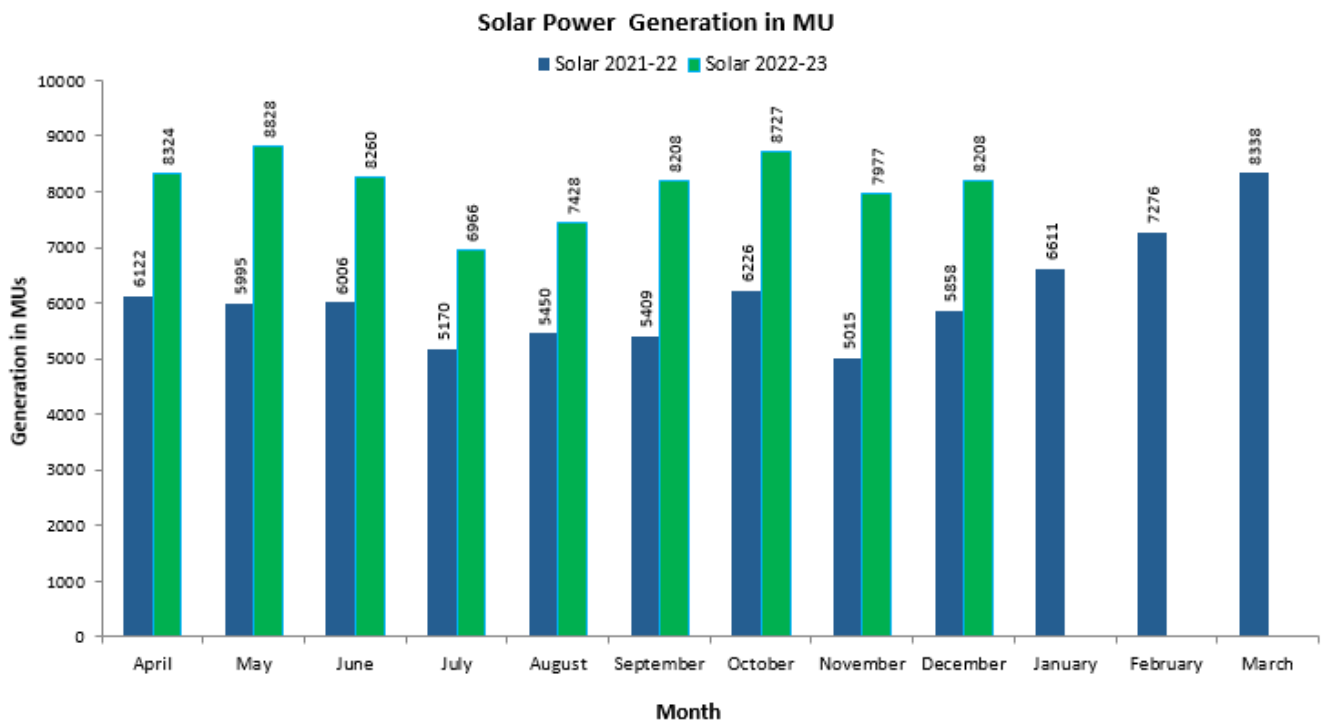


Figure 13: Month Wise Solar Power Generation for the year 2021-22 and year 2022-23.

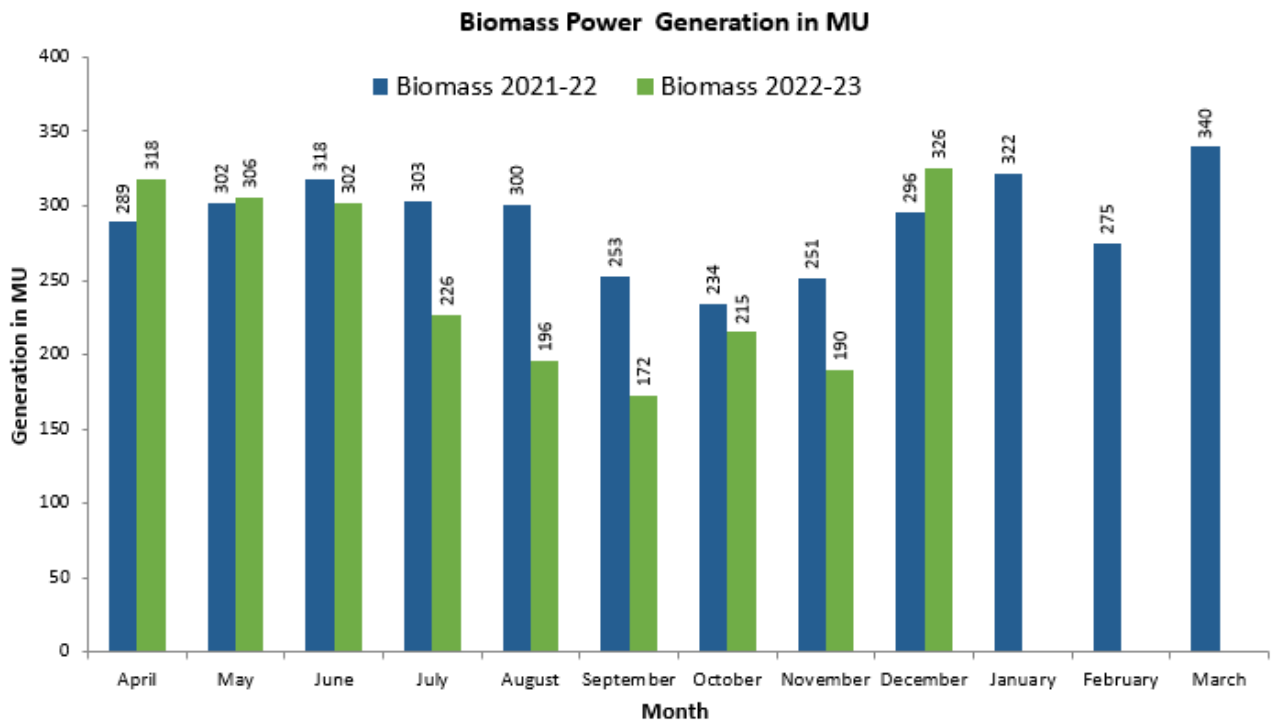


Figure 14: Month Wise Biomass Power Generation for the year 2021-22 and year 2022-23.

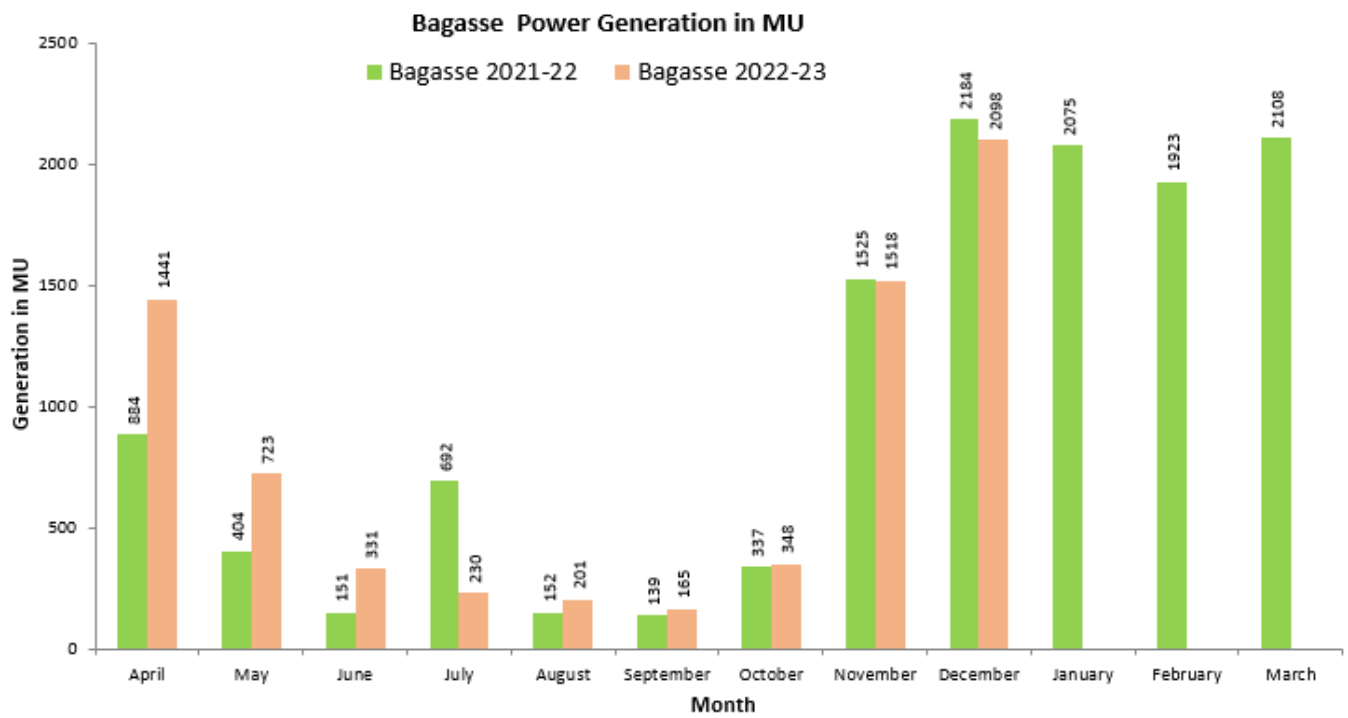


Figure 15: Month Wise Bagasse Power Generation for the year 2021-22 and year 2022-23.

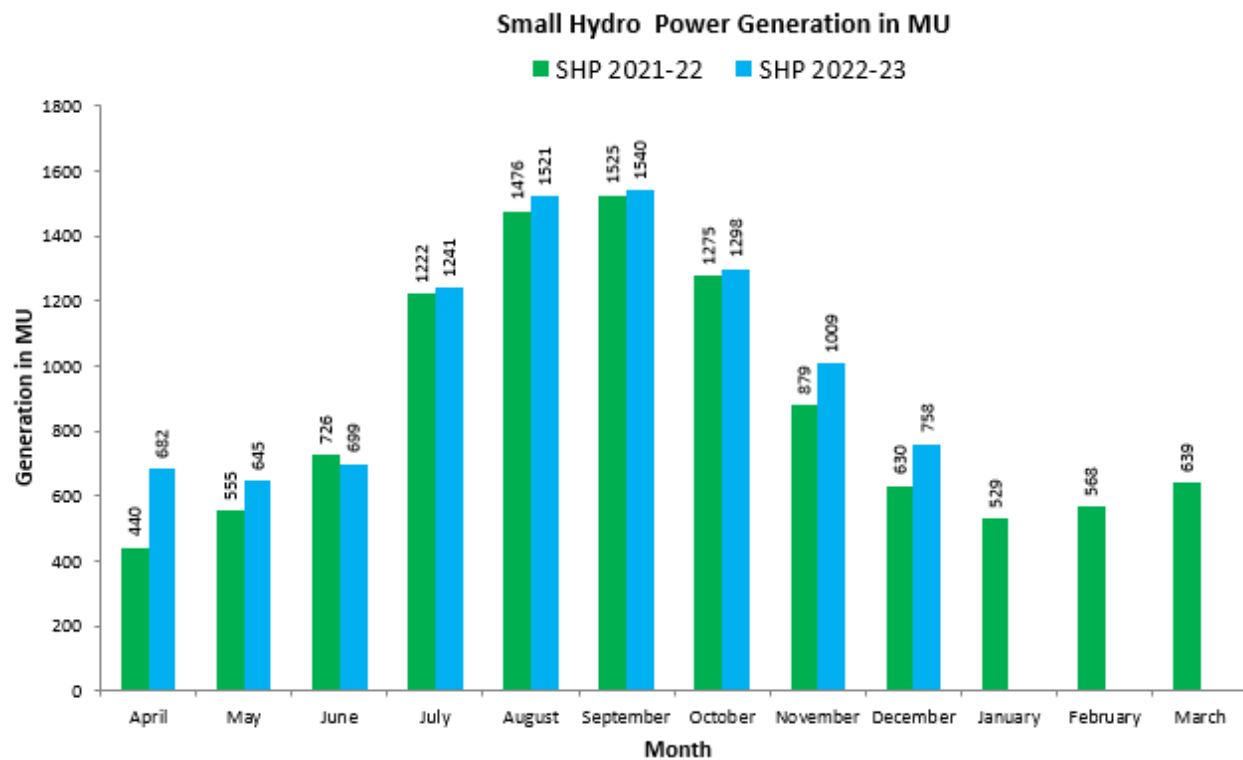


Figure 16: Month Wise Small Hydro Power Generation for the year 2021-22 and year 2022-23.

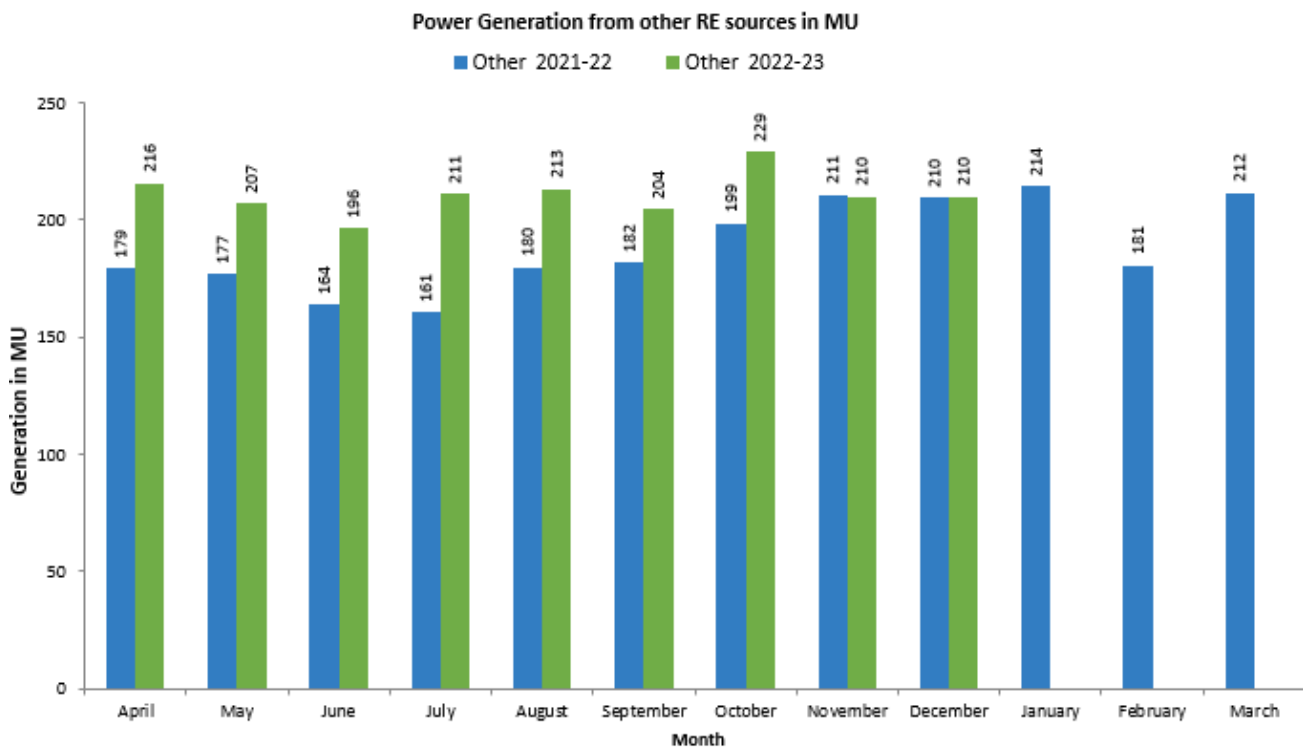


Figure 17: Month Wise Other RE (Waste Heat etc.) Power for the year 2021-22 and year 2022-23.

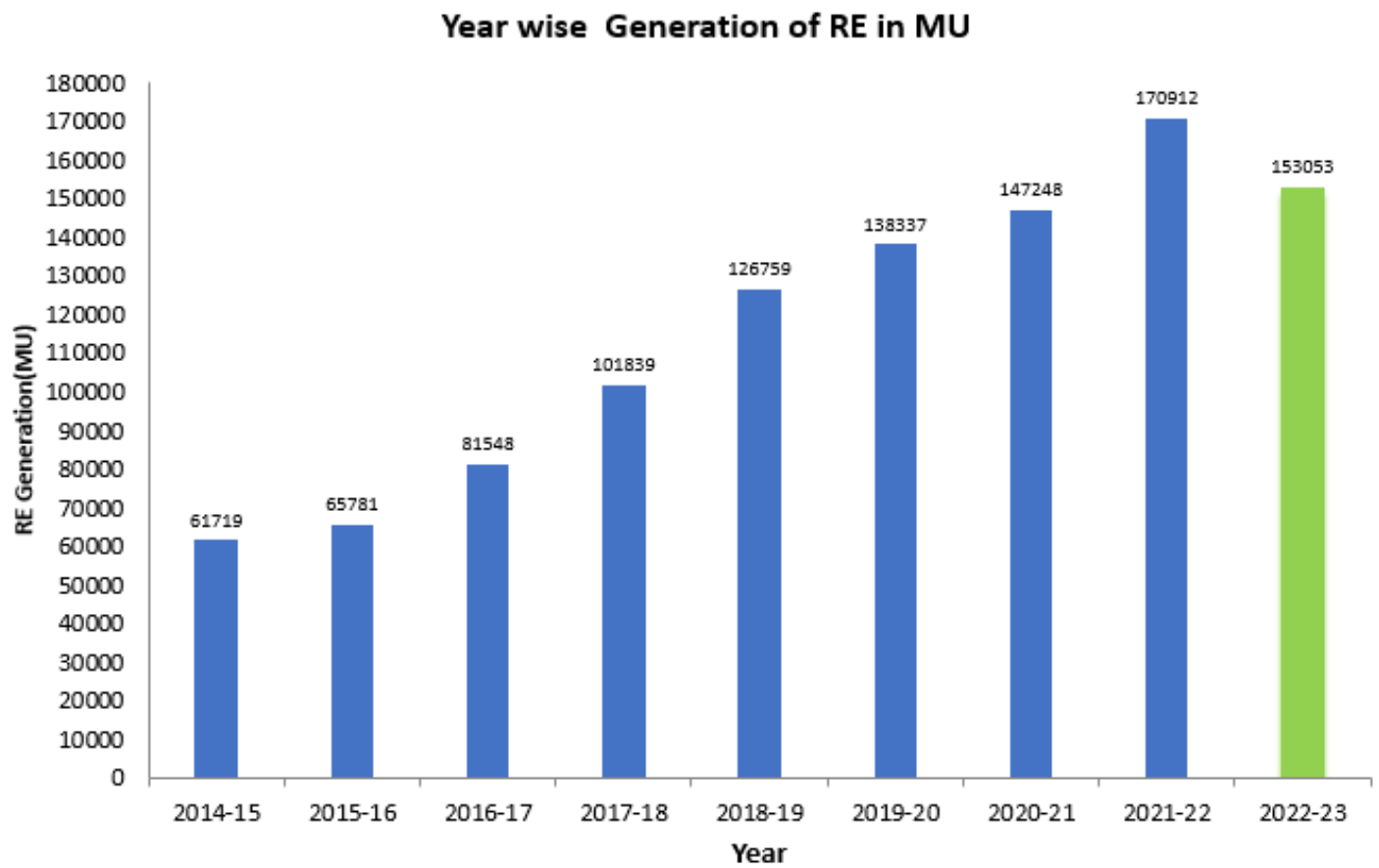


Figure 18: Year Wise RE Generation

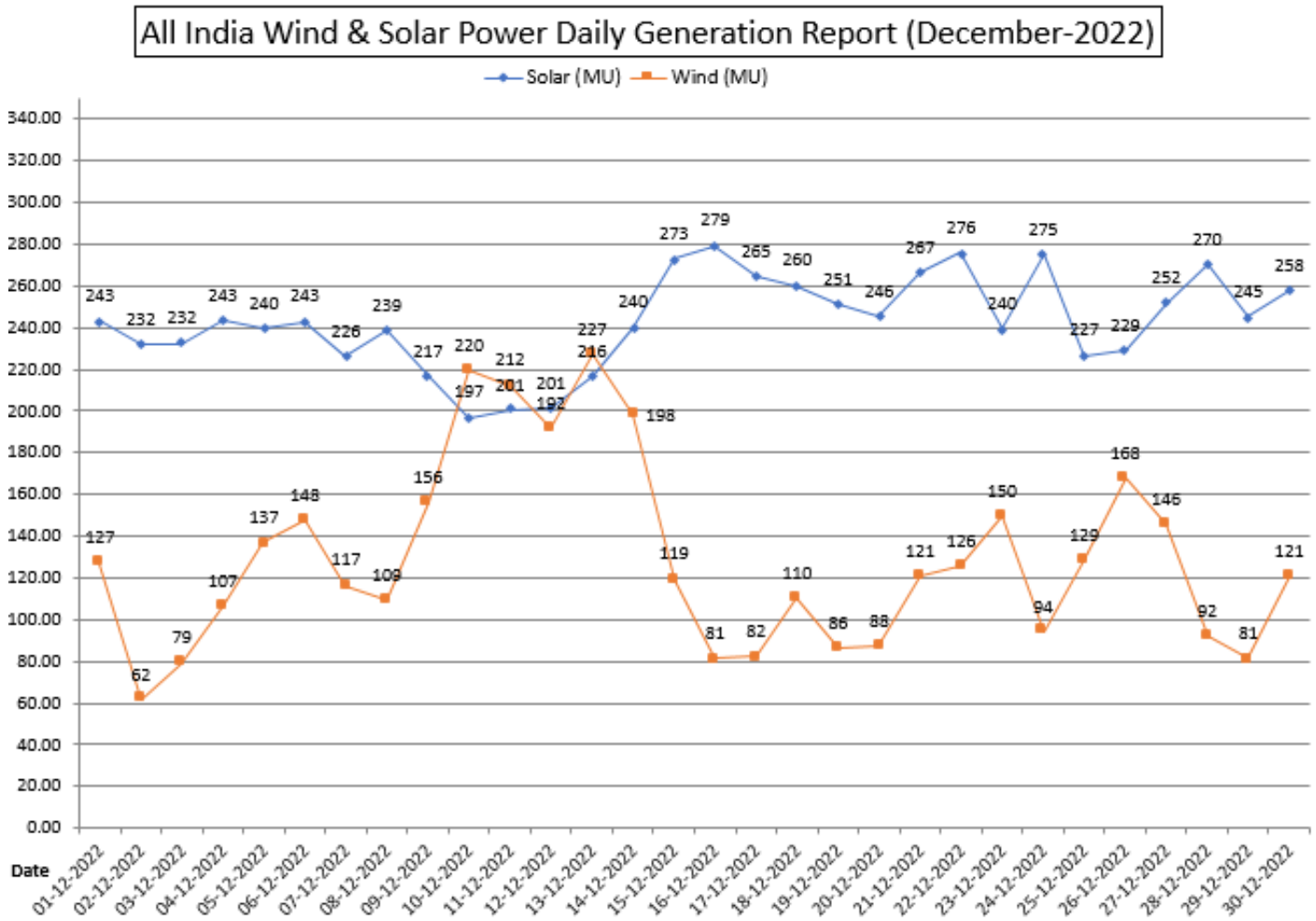


Figure 19: Daily solar and wind power generation trend in the month of December-2022

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.12.2022)	RE Generation (MU) December '2022	RE Generation (MU) December '2021	% of same month Last Year	RE Generation (MU) April'2022-December '2022	RE Generation (MU) April'2021-December '2021	% of same period Last Year
पवन/Wind	41929.78	3996.15	3577.01	111.72	59532.36	58127.26	102.42
सौर/Solar	63302.49	8207.51	5858.03	140.11	72924.49	51250.34	142.29
बायोमास/Biomass	10209.81	325.61	296.19	109.93	2251.72	2546.24	88.43
बगास/Bagasse		2097.86	2183.59	96.07	7054.61	6467.72	109.07
लघु जल विद्युत्/Small Hydro	4935.65	758.46	630.04	120.38	9392.75	8727.98	107.62
अन्य/Others	522.42	209.84	209.53	100.15	1896.79	1661.14	114.19
कुल/Total	120900.15	15595.42	12754.40	122.27	153052.72	128780.68	118.85

Table 2: Renewable Energy Generation by ISGS Stations for the Month December2022.

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	NTPC	Solar	1.08
Dadri Solar	Uttar Pradesh	Central	NTPC	Solar	0.47
Singrauli Solar	Uttar Pradesh	Central	NTPC	Solar	1.52
Auraiya	Uttar Pradesh	Central	NTPC	Solar	4.37
Kolayat	Rajasthan	Central	NTPC	Solar	73.88
ABC Renewable Energy	Rajasthan	Private	IPP	Solar	60.42
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	44.24
Acme Heerghar Powertech Pvt Ltd	Rajasthan	Private	IPP	Solar	44.26
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	IPP	Solar	194.92
Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	86.16
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	IPP	Solar	66.29
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	IPP	Solar	70.46
Adani RERJL	Rajasthan	Private	IPP	Solar	39.54
Adani SE Jaisalmer One	Rajasthan	Private	IPP	Solar	92.59
Adani SE4PL(Kilaj Solar)	Rajasthan	Private	IPP	Solar	9.48
Adani SEJ5PL	Rajasthan	Private	IPP	Solar	37.27
Adani SERJ1PL	Rajasthan	Private	IPP	Solar	60.21
Avaada Sunrays	Rajasthan	Private	IPP	Solar	46.24
Avaada RJHN	Rajasthan	Private	IPP	Solar	39.42
Avaada Sunce	Rajasthan	Private	IPP	Solar	56.51
Avaada Sustainable	Rajasthan	Private	IPP	Solar	50.41
Ayana Renewable One	Rajasthan	Private	IPP	Solar	56.03
Azure Power Forty One Private Limited	Rajasthan	Private	IPP	Solar	57.37
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	112.40
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	34.29
Azure Power Maple	Rajasthan	Private	IPP	Solar	26.15
Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	25.70
Clean Solar Power	Rajasthan	Private	IPP	Solar	47.21
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	61.16
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	60.95
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	9.69
Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	50.09
Mega Surya Urja	Rajasthan	Private	IPP	Solar	44.80
Nindan Solar Fatehgar	Rajasthan	Private	IPP	Solar	59.01
Renew Jharkhand	Rajasthan	Private	IPP	Solar	57.81
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	9.39

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	43.77
Renew Solar Urja	Rajasthan	Private	IPP	Solar	56.86
Renew Sun Bright	Rajasthan	Private	IPP	Solar	57.53
Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	58.35
Renew Surya Ravi	Rajasthan	Private	IPP	Solar	23.38
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	37.54
Tata Power Green Energy	Rajasthan	Private	IPP	Solar	34.52
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	54.56
Thar Surya1	Rajasthan	Private	IPP	Solar	34.11
Northern Region					2192.41
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	41.04
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	41.97
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	39.79
ESPL RSP Solar	Gujarat	Private	IPP	Solar	41.00
TPREL RSP Solar	Gujarat	Private	IPP	Solar	20.19
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	20.94
Powerica Wind	Gujarat	Private	IPP	Solar	9.91
NTPC Kawas	Gujarat	Central	NTPC	Solar	8.72
GSECL	Gujarat	Private	IPP	Solar	11.93
AWEK1L	Gujarat	Private	IPP	Wind	77.83
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Wind	51.98
Alfnar Wind	Gujarat	Private	IPP	Wind	38.24
Adani Wind Energy	Gujarat	Private	IPP	Wind	34.37
Adani Green Energy Mp Ltd(Dayapar)(CPTTNPL)	Gujarat	Private	IPP	Wind	62.05
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	46.55
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	49.83
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	14.88
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	66.21
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	73.93
Avikiran Solar India Private Limited (ASIPL)	Gujarat	Private	IPP	Wind	37.92
SITAC	Gujarat	Private	IPP	Wind	30.35
SRIJAN	Gujarat	Private	IPP	Wind	9.14
Western Region					828.77
Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	32.40
GRTJIPL	Tamil Nadu	Private	IPP	Wind	22.54
Mytra	Tamil Nadu	Private	IPP	Wind	29.85
Orange	Tamil Nadu	Private	IPP	Wind	34.19
Green Infra	Tamil Nadu	Private	IPP	Wind	47.18
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	35.24
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	39.98
JSW_Renew2 Tuticorin	Tamil Nadu	Private	IPP	Wind	5.09
Ettayapuram	Tamil Nadu	Central	NTPC	Solar	20.20
Rstps Floating Solar	Andhra Pradesh	Private	IPP	Solar	14.30

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
simhadri Floating Solar	Andhra Pradesh	Private	IPP	Solar	3.22
Adani7	Telangana	Private	IPP	Solar	40.09
Biwadi	Andhra Pradesh	Private	IPP	Solar	8.00
Hisar	Andhra Pradesh	Private	IPP	Solar	8.00
Karnal	Andhra Pradesh	Private	IPP	Solar	7.97
Ayana	Andhra Pradesh	Private	IPP	Solar	40.89
Azure	Andhra Pradesh	Private	IPP	Solar	7.05
FRV2	Andhra Pradesh	Private	IPP	Solar	7.82
FRV	Andhra Pradesh	Private	IPP	Solar	7.33
NTPC	Andhra Pradesh	Private	IPP	Solar	27.53
SBG	Andhra Pradesh	Private	IPP	Solar	35.31
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	39.98
Tata	Andhra Pradesh	Private	IPP	Solar	13.7
Adyah10	Karnataka	Private	IPP	Solar	53.76
Adyah13	Karnataka	Private	IPP	Solar	
Adyah1	Karnataka	Private	IPP	Solar	
Adyah2	Karnataka	Private	IPP	Solar	
Adyah3	Karnataka	Private	IPP	Solar	
Adyah6	Karnataka	Private	IPP	Solar	
Amplus Tumkur	Karnataka	Private	IPP	Solar	8.23
Amplus	Karnataka	Private	IPP	Solar	8.36
Avaada	Karnataka	Private	IPP	Solar	24.76
Avaada Solarise	Karnataka	Private	IPP	Solar	25.11
Azure Power	Karnataka	Private	IPP	Solar	18.06
Fortum Finsurya	Karnataka	Private	IPP	Solar	15.30
Fortum	Karnataka	Private	IPP	Solar	41.96
Kredl	Karnataka	Private	IPP	Solar	7.64
Parampujya	Karnataka	Private	IPP	Solar	25.31
Renew	Karnataka	Private	IPP	Solar	7.44
SBG	Karnataka	Private	IPP	Solar	32.67
Tata	Karnataka	Private	IPP	Solar	68.17
Yarrow	Karnataka	Private	IPP	Solar	8.35
Southern Region					873.00
All India Total					3894.18

Source:- 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 by CPSU Owned stations

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) December'2022	RE Generation (MU)' December 2021	RE Generation (MU) April'2022-December2022	RE Generation (MU) April'2021-December '2021
NTPC							
Faridabad_Solar	Haryana	5.00	Solar	0.45	0.44	4.67	5.10
Bhadla	Rajasthan	260.00	Solar	35.40	29.88	323.21	329.02
Jetsar	Rajasthan	160.00	Solar	22.71	8.39	260.36	20.74
Fatehgarh	Rajasthan	296.00	Solar	57.54	0.48	501.32	0.48
Devikot	Rajasthan	240.00	Solar	12.89	0.00	12.89	0.00
Nokhra	Rajasthan	150.00	Solar	4.01	0.00	4.01	0.00
Dadri_Solar	Uttar Pradesh	5.00	Solar	0.47	0.42	4.60	4.88
Unchahar_Solar	Uttar Pradesh	10.00	Solar	1.08	0.83	10.36	9.11
Singrauli_Solar	Uttar Pradesh	15.00	Solar	1.52	1.39	15.09	14.55
Auraiya	Uttar Pradesh	40.00	Solar	4.37	1.83	35.63	24.09
Singrauli_SH	Uttar Pradesh	8.00	Small Hydro	2.60	0.00	22.82	13.72
Rojmal	Gujarat	50.00	Wind	4.76	9.86	74.42	79.27
Rajgarh_Solar	Madhya Pradesh	50.00	Solar	6.05	5.44	54.27	53.10
Mandsaur	Madhya Pradesh	250.00	Solar	30.80	27.23	279.71	274.28
Solapur	Maharashtra	10.00	Solar	0.00	0.00	0.00	0.00
Anantapuram	Andhra Pradesh	250.00	Solar	27.62	30.12	267.66	270.25
Ramagundam	Telangana	110.00	Solar	14.94	1.98	120.92	10.14
Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.46	0.51	3.82	3.79
Talchar_Solar	Orissa	10.00	Solar	1.11	1.44	9.80	10.07
Solar_Bilhaur	Uttar Pradesh	225.00	Solar	35.35	31.75	365.29	343.17
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	4.94	3.69	33.99	16.04
Kayamkulam	Kerala	92.00	Solar	16.10	0.00	112.07	0.00
Kawas	Gujarat	56.00	Solar	8.84	0.00	46.28	0.00
Gandhar	Gujarat	10.00	Solar	1.87	0.00	5.87	0.00
Shambu ki Burj-I	Rajasthan	250.00	Solar	47.53	0.00	225.66	0.00
Shambu ki Burj-II	Rajasthan	150.00	Solar	26.41	0.00	70.00	0.00
Ettayapuram	Tamil Nadu	230.00	Solar	16.26	0.00	16.26	0.00
Total NTPC		2962.00		386.08	155.68	2880.98	1481.80
THDC							
THDC Patan Wind Power Project	Gujarat	50.00	Wind	6.10	7.57	62.10	63.99
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	13.70	15.35	109.96	124.48
THDC Solar Kasaragod	Kerala	50.00	Solar	8.90	9.38	65.53	61.11

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) December'2022	RE Generation (MU)' December 2021	RE Generation (MU) April'2022-December2022	RE Generation (MU) April'2021-December '2021
THDCIL's premises at Rishikesh	Uttar Pradesh	0.50	Solar	0.03	0.03	0.38	0.28
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	10.30	5.74	62.87	40.61
Total THDC		187.50		39.03	38.07	300.84	290.47
NHPC							
NHPC Wind Power Project	Rajasthan	50.00	Wind	3.50	3.77	62.20	64.24
NHPC Solar Power Project	Tamilnadu	50.00	Solar	6.28	7.34	65.53	64.74
Total NHPC		100.00		9.78	11.11	127.74	128.98
ONGC							
Wind, Bhuj	Gujarat	51.00	Wind	4.30	3.00	11.64	71.31
Wind, Jaisalmer	Rajasthan	102.00	Wind	0.06	4.70	109.22	116.22
Solar, Goa	Goa	1.00	Solar	0.00	0.11	0.71	0.89
Solar, Hazira	Gujarat	10.00	Solar	0.00	1.19	0.00	9.34
Solar, Hazira	Gujarat	5.00	Solar	0.00	0.00	0.00	0.00
Solar, Ankleshwar	Gujarat	5.00	Solar	0.00	0.68	0.00	4.40
Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.00	0.06	0.00	0.71
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.02	0.13	0.16	0.89
Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.44	0.00	4.93	0.54
Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.00	0.37	0.00	3.56
Solar, Assam (RTS)	Assam	1.65	Solar	0.00	0.15	0.00	1.13
Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.00	0.13	0.00	0.96
Solar, Agartala asset	Tripura	0.25	Solar	0.00	0.02	0.00	0.19
Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.00	0.01
Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.00	0.01	0.00	0.06

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) December'2022	RE Generation (MU)' December 2021	RE Generation (MU) April'2022-December2022	RE Generation (MU) April'2021-December '2021
Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00	0.00
Total ONGC		189.05		0.51	10.55	126.66	210.21
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	0.82	0.67	47.42	42.44
Sadla Wind Power	Gujarat	50.00	Solar	5.21	8.54	72.96	80.63
Charanka Solar Power	Gujarat	5.60	Solar	0.79	0.67	6.16	6.21
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.06	0.00	1.04	0.00
Parasan Solar Power	Gujarat	75.00	Solar	7.93	0.00	12.05	0.00
Total SJVN		179.20		14.80	9.89	139.63	129.27
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.01	1.77	18.43	17.83
Oil India Ltd	Rajasthan	67.60	Wind	3.79	3.74	66.17	64.25
Oil India Ltd	Gujarat	43.30	Wind	8.04	10.47	74.51	73.64
Oil India Ltd	Madhya Pradesh	63.20	Wind	6.89	8.55	80.48	99.06
Total Oil India Ltd		188.10		20.73	24.52	239.58	254.77
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.55	0.53	4.98	4.13
DVC							
DVC	West Bangal	0.08	Solar	0.01	0.01	0.06	2.97
DVC	Jharkhand	4.00	Small Hydro	0.01	2.89	0.01	15.12
Total DVC		4.08		0.02	2.90	0.06	18.10
ALL INDIA TOTAL		3179.93		471.51	253.24	3820.48	2517.73

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 December2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual- Schedule) in MU.
NORTHERN REGION				
ABC RENEWABLE ENERGY	Solar	61.97	60.42	-1.55
ACME HEERGARH POWERT	Solar	45.01	44.26	-0.75
ACME CHITTORGARH ENERGY PVT LTD	Solar	46.13	44.24	-1.88
ADANI HYBRID	Solar	94.59	86.16	-8.43
ADANI HYBRID FOUR	Solar	205.27	194.92	-10.35
ADANI HYBRID THREE	Solar	69.51	66.29	-3.22
ADANI HYBRID TWO	Solar	72.24	70.46	-1.78
Adani RERJL	Solar	41.10	39.54	-1.56
Adani SE Jaisalmer One	Solar	97.22	92.59	-4.64
ADANI SE JODHPUR 2 L	Solar	9.50	9.69	0.19
Adani SE4PL	Solar	10.09	9.48	-0.61
Adani SEJ5PL	Solar	39.85	37.27	-2.58
Adani SERJ1PL	Solar	62.56	60.21	-2.35
AURAIYA SOLAR	Solar	4.54	4.37	-0.17
AVAADA RJHN	Solar	41.13	39.42	-1.71
AVAADA SUNCE	Solar	59.13	56.51	-2.62
AVAADA SUNRAYS	Solar	51.13	46.24	-4.89
AVAADA SUSTAINABLE	Solar	51.71	50.41	-1.30
AYANA RENEWABLE ONE	Solar	57.54	56.03	-1.51
AZURE FORTY ONE	Solar	59.36	57.37	-1.99
AZURE FORTY THREE	Solar	115.75	112.40	-3.36
AZURE POWER MAPLE	Solar	27.88	26.15	-1.73
AZURE POWER THIRTY Four	Solar	25.46	25.70	0.24
AZURE SOLAR	Solar	34.92	34.29	-0.63
CLEAN SOLAR POWER	Solar	47.47	47.21	-0.26
CLEAN SOLAR POWER (BHADLA) PVT LTD	Solar	59.39	61.16	1.77
DADRI SOLAR	Solar	0.55	0.47	-0.08
EDEN RENEWABLE	Solar	61.61	60.95	-0.66
KOLYAT SOLAR BIKANER	Solar	76.13	73.88	-2.25
MAHINDRA RPL	Solar	50.75	50.09	-0.65
MEGA SURYAURJA	Solar	45.57	44.80	-0.78
NIDAN SOLAR FATEHGAR	Solar	58.61	59.01	0.41
RENEW JHARKHAND	Solar	58.83	57.81	-1.01
RENEW SOLAR	Solar	9.82	9.39	0.00
RENEW SOLAR URJA	Solar	57.20	56.86	0.00
RENEW SUN BRIGHT	Solar	58.28	57.53	-0.75
RENEW SUN WAVES	Solar	59.28	58.35	-0.93
RENEW SURYA RAVI	Solar	24.22	23.38	-0.84
RENEW SOLAR POWER PVT LTD. BIKANER	Solar	45.32	43.77	-1.55
SBSR POWER CLEANTECH	Solar	39.57	37.54	-2.03
SINGRAULI SOLAR	Solar	1.73	1.59	-0.14

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of December2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual- Schedule) in MU.
TATA POWER GREEN ENERGY	Solar	40.38	34.52	-5.86
TATA SOLAR	Solar	59.34	54.56	-4.78
THAR SURYA 1	Solar	36.63	34.11	-2.52
UNCHAHAH SOLAR	Solar	1.15	1.08	-0.07
WESTERN REGION				
ALFNAR WIND	Wind	51.21	38.24	-12.96
ARINSUN SOLAR (BARSAITADESH)	Solar	41.35	41.04	-0.30
AVIKIRAN SOLAR INDIA PRIVATE LIMITED (ASIPL)	Wind	41.54	37.92	-3.62
ACME SOLAR (RAMNAGAR)	Solar	42.62	41.97	-0.65
ESPL RSP SOLAR	Solar	41.30	41.00	-0.30
GANDHAR_SOLAR	Solar	1.86	1.90	0.04
GIPCL RSP SOLAR	Solar	20.96	20.94	-0.02
GIWEL-III WIND (NARANPAR)	Wind	60.83	49.83	-11.00
GIWEL-II WIND (VADVA)	Wind	55.92	46.55	-9.37
GSECL	Solar	11.50	11.93	0.43
IWISL WIND (DAYAPAR)	Wind	21.30	14.88	-6.42
NTPC KAWAS	Solar	9.71	8.72	-0.98
MAHINDRA SOLAR (BADWAR)	Solar	40.60	39.79	-0.80
OSTRO WIND (KUTCH)	Wind	80.39	66.21	-14.18
POWERICA	Wind	11.73	9.91	-1.81
RENEW SOLAR (BHUVAD)	Wind	62.97	51.98	-10.99
RENEW AP2 WIND(GHADSISA)	Wind	87.35	73.93	-13.41
SITAC WIND	Wind	39.80	30.35	-9.45
SRIJAN WIND	Wind	13.12	9.14	-3.98
TPREL RSP SOLAR	Solar	20.68	20.19	-0.49
SOUTHERN REGION				
BEETAM	Wind	37.79	32.40	-5.39
GIREL	Wind	56.93	47.18	-9.75
MYTRAH	Wind	38.09	29.85	-8.24
ORANGE	Wind	35.57	34.19	-1.38
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Wind	30.97	21.04	-9.93
GRTJIPL	Wind	23.76	22.54	-1.21

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

Table 5:-Fossil and Non-Fossil Generation

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of December2022							
State/UT	Fossil		Nuclear	Non Fossil		Grand Total	Non Fossil as % of Total Generation
	Thermal	Gas		Hydro (Large)	Renewable Energy		
NORTHERN REGION							
Chandigarh	0.00	0.00	0.00	0.00	1.00	1.00	100.00
Delhi	0.00	234.55	0.00	0.00	35.31	269.86	13.08
Haryana	2706.21	0.00	0.00	0.00	103.75	2809.96	3.69
HP	0.00	0.00	0.00	1757.96	140.23	1898.19	100.00
J & K	0.00	0.00	0.00	465.84	15.99	481.83	100.00
Ladakh	0.00	0.00	0.00	16.58	0.00	16.58	100.00
Punjab	2774.28	0.00	0.00	378.70	388.52	3541.50	21.66
Rajasthan	5071.98	141.67	458.50	133.47	3160.36	8965.98	41.85
Uttar Pradesh	12233.89	59.97	326.80	108.78	873.78	13603.22	9.63
Uttarakhand	0.00	0.00	0.00	867.62	77.81	945.43	100.00
Northern Region Total	22786.36	436.19	785.30	3728.95	4796.75	32533.55	28.62
WESTERN REGION							
Chhattisgarh	12875.49	0.00	0.00	3.73	208.03	13087.25	1.62
Gujarat	4716.18	147.64	288.11	260.25	2444.35	7856.53	38.09
Madhya Pradesh	12050.58	0.00	0.00	400.60	597.26	13048.44	7.65
Maharashtra	11035.25	176.83	676.42	464.96	1535.20	13888.66	19.27
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.26	1.26	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	40677.50	324.47	964.53	1129.54	4788.03	47884.07	14.37
SOUTHERN REGION							
Andhra Pradesh	5122.02	0.00	0.00	210.10	1023.25	6355.37	19.41
Telangana	4345.33	0.00	0.00	221.68	600.52	5167.53	15.91
Karnataka	2626.70	0.00	496.62	1094.95	2402.61	6620.88	60.33
Kerala	0.00	0.00	0.00	516.06	151.51	667.57	100.00
Tamil Nadu	5079.98	105.41	1655.13	518.42	1473.85	8832.79	41.29
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	21.31	0.00	0.00	1.02	22.33	4.57
Southern Region Total	17174.03	126.72	2151.75	2561.21	5652.76	27666.47	37.47
EASTERN REGION							
Andaman Nicobar	27.25	0.00	0.00	0.00	2.80	30.05	9.32
Bihar	4557.20	0.00	0.00	0.00	37.39	4594.59	0.81
Jharkhand	2735.26	0.00	0.00	3.00	1.47	2739.73	0.16
Orissa	5783.63	0.00	0.00	218.95	88.89	6091.47	5.05
Sikkim	0.00	0.00	0.00	393.02	1.03	394.05	100.00
West Bengal	7036.66	0.00	0.00	223.82	170.70	7431.18	5.31
Eastern Region Total	20140.00	0.00	0.00	838.79	302.27	21281.06	5.36

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of December2022

State/UT	Fossil		Non Fossil			Grand Total	Non Fossil as % of Total Generation
	Thermal	Gas	Nuclear	Hydro (Large)	Renewable Energy		
NORTH-EASTERN REGION							
Arunachal Pradesh	0.00	0.00	0.00	230.93	0.26	231.19	100.00
Assam	358.02	292.57	0.00	26.52	27.14	704.25	7.62
Manipur	0.00	0.00	0.00	20.49	0.67	21.16	100.00
Meghalaya	0.00	0.00	0.00	36.23	3.53	39.76	100.00
Mizoram	0.00	0.00	0.00	11.82	8.26	20.08	100.00
Nagaland	0.00	0.00	0.00	6.27	15.20	21.47	100.00
Tripura	0.00	626.39	0.00	0.00	0.55	626.94	0.09
North Eastern Region Total	358.02	918.96	0.00	332.26	55.60	1664.84	23.30
All India Total	101135.91	1806.34	3901.58	8590.75	15595.42	131030.00	21.44

Table 6:- Renewable Energy (excluding large Hydro) as % of Total Electricity Generated

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of December2022							
State/UT	Thermal	Gas	Nuclear	(Large Hydro)	Renewable Energy	Grand Total	RE as % of Total
NORTHERN REGION							
Chandigarh	0.00	0.00	0.00	0.00	1.00	1.00	100.00
Delhi	0.00	234.55	0.00	0.00	35.31	269.86	13.08
Haryana	2706.21	0.00	0.00	0.00	103.75	2809.96	3.69
HP	0.00	0.00	0.00	1757.96	140.23	1898.19	7.39
J & K	0.00	0.00	0.00	465.84	15.99	481.83	3.32
Ladakh	0.00	0.00	0.00	16.58	0.00	16.58	0.00
Punjab	2774.28	0.00	0.00	378.70	388.52	3541.50	10.97
Rajasthan	5071.98	141.67	458.50	133.47	3160.36	8965.98	35.25
Uttar Pradesh	12233.89	59.97	326.80	108.78	873.78	13603.22	6.42
Uttarakhand	0.00	0.00	0.00	867.62	77.81	945.43	8.23
Northern Region Total	22786.36	436.19	785.30	3728.95	4796.75	32533.55	14.74
WESTERN REGION							
Chhattisgarh	12875.49	0.00	0.00	3.73	208.03	13087.25	1.59
Gujarat	4716.18	147.64	288.11	260.25	2444.35	7856.53	31.11
Madhya Pradesh	12050.58	0.00	0.00	400.60	597.26	13048.44	4.58
Maharashtra	11035.25	176.83	676.42	464.96	1535.20	13888.66	11.05
Daman and Diu, Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.26	1.26	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	40677.50	324.47	964.53	1129.54	4788.03	47884.07	10.00
SOUTHERN REGION							
Andhra Pradesh	5122.02	0.00	0.00	210.10	1023.25	6355.37	16.10
Telangana	4345.33	0.00	0.00	221.68	600.52	5167.53	11.62
Karnataka	2626.70	0.00	496.62	1094.95	2402.61	6620.88	36.29
Kerala	0.00	0.00	0.00	516.06	151.51	667.57	22.70
Tamil Nadu	5079.98	105.41	1655.13	518.42	1473.85	8832.79	16.69
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	21.31	0.00	0.00	1.02	22.33	4.57
Southern Region Total	17174.03	126.72	2151.75	2561.21	5652.76	27666.47	20.43
EASTERN REGION							
Andaman Nicobar	27.25	0.00	0.00	0.00	2.80	30.05	9.32
Bihar	4557.20	0.00	0.00	0.00	37.39	4594.59	0.81
Jharkhand	2735.26	0.00	0.00	3.00	1.47	2739.73	0.05
Orissa	5783.63	0.00	0.00	218.95	88.89	6091.47	1.46
Sikkim	0.00	0.00	0.00	393.02	1.03	394.05	0.26
West Bengal	7036.66	0.00	0.00	223.82	170.70	7431.18	2.30
Eastern Region Total	20140.00	0.00	0.00	838.79	302.27	21281.06	1.42

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of December2022

State/UT	Thermal	Gas	Nuclear	(Large Hydro)	Renewable Energy	Grand Total	RE as % of Total
NORTH-EASTERN REGION							
Arunachal Pradesh	0.00	0.00	0.00	230.93	0.26	231.19	0.11
Assam	358.02	292.57	0.00	26.52	27.14	704.25	3.85
Manipur	0.00	0.00	0.00	20.49	0.67	21.16	3.14
Meghalaya	0.00	0.00	0.00	36.23	3.53	39.76	8.88
Mizoram	0.00	0.00	0.00	11.82	8.26	20.08	41.13
Nagaland	0.00	0.00	0.00	6.27	15.20	21.47	70.80
Tripura	0.00	626.39	0.00	0.00	0.55	626.94	0.09
North Eastern Region Total	358.02	918.96	0.00	332.26	55.60	1664.84	3.34
All India Total	101135.91	1806.34	3901.58	8590.75	15595.42	131030.00	11.90

RE generation(MUs) data (source wise) for the month of December2022 and December2021														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21
NORTHERN REGION														
Chandigarh	0.00	0.00	1.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.68
Delhi	0.00	0.00	17.08	20.04	0.00	0.00	0.00	0.00	0.00	0.00	18.23	19.07	35.31	39.11
Haryana	0.00	0.00	19.64	57.37	34.08	11.64	22.42	19.94	21.73	16.29	5.88	4.90	103.75	110.14
Himachal Pradesh	0.00	0.00	4.23	4.08	0.00	0.00	0.00	0.00	136.00	48.06	0.00	0.00	140.23	52.14
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.99	11.95	0.00	0.00	15.99	11.95
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	0.00	0.00
Punjab	0.00	0.00	240.87	108.59	59.43	58.23	39.46	43.19	48.76	52.71	0.00	0.01	388.52	262.72
Rajasthan	281.01	299.13	2840.35	1294.77	37.06	31.61	0.00	0.00	1.95	2.18	0.00	0.00	3160.36	1627.69
Uttar Pradesh	0.00	0.00	285.47	202.55	3.80	1.91	552.08	664.61	27.91	9.73	4.52	6.25	873.78	885.05
Uttarakhand	0.00	0.00	27.65	24.63	0.00	0.00	20.71	20.26	29.45	26.78	0.00	0.00	77.81	71.67
Northern Region	281.01	299.13	3436.29	1713.71	134.37	103.38	634.67	748.00	281.79	167.69	28.63	30.22	4796.75	3062.14
WESTERN REGION														
Chhattisgarh	0.00	0.00	60.37	37.22	140.20	114.32	1.97	2.33	5.50	7.75	0.00	0.00	208.03	161.62
Gujarat	1591.32	1456.49	835.69	594.80	0.00	0.00	0.00	4.76	17.33	19.79	0.00	0.00	2444.35	2075.84
Madhya Pradesh	261.42	281.17	264.78	293.65	3.29	1.00	21.73	17.09	43.84	25.00	2.20	3.15	597.26	621.05
Maharashtra	280.75	257.16	401.35	222.97	16.43	26.19	802.99	780.53	33.66	27.68	0.02	0.00	1535.20	1314.53
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.26	8.16	0.00	1.08	0.00	0.00	0.00	0.00	0.00	0.00	1.26	9.18
Goa	0.00	0.00	1.51	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.01	1.94	1.35
Western Region	2133.49	1994.82	1564.96	1158.14	159.92	142.59	826.69	804.71	100.33	80.22	2.64	3.15	4788.03	4183.57
SOUTHERN REGION														

RE generation(MUs) data (source wise) for the month of December2022 and December2021														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21
Andhra Pradesh	323.57	296.49	617.09	631.85	3.24	6.89	7.54	10.09	50.00	48.10	21.81	14.48	1023.25	1007.90
Telangana	20.07	18.19	525.48	538.87	0.04	8.61	35.40	30.59	5.10	6.32	14.42	14.58	600.52	617.16
Karnataka	611.28	468.37	1149.15	1102.02	8.28	12.41	472.88	522.12	161.01	190.13	0.00	0.00	2402.61	2295.04
Kerala	6.91	7.20	86.26	40.30	0.00	0.00	5.36	4.28	52.97	65.01	0.00	0.00	151.51	116.80
Tamil Nadu	619.82	492.82	719.09	596.74	10.47	13.47	90.22	51.89	34.27	28.27	0.00	0.00	1473.85	1183.19
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	0.01	0.01
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	1.02	1.02
Southern Region	1581.65	1283.07	3098.10	2910.82	22.02	41.38	611.41	618.96	303.36	337.84	36.23	29.06	5652.76	5221.11
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.56	2.14	0.00	0.00	0.00	0.00	1.24	1.21	0.00	0.00	2.80	3.34
Bihar	0.00	0.00	12.29	11.92	0.00	0.00	25.10	11.92	0.00	0.24	0.00	0.00	37.39	24.08
Jharkhand	0.00	0.00	1.47	1.40	0.00	0.00	0.00	0.00	0.00	2.56	0.00	0.00	1.47	3.96
Orissa	0.00	0.00	60.28	44.96	9.30	8.90	0.00	0.00	19.31	19.51	0.00	0.00	88.89	73.38
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	1.03	1.03
West Bengal	0.00	0.00	10.13	6.46	0.00	0.00	0.00	0.00	18.23	5.37	142.34	147.09	170.70	158.92
Eastern Region	0.00	0.00	85.72	66.88	9.30	8.90	25.10	11.92	39.81	29.92	142.34	147.09	302.27	264.71
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.19	0.13	0.00	0.00	0.00	0.00	0.06	0.04	0.00	0.00	0.26	0.17

RE generation(MUs) data (source wise) for the month of December2022 and December2021														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21	Dec'22	Dec'21
Assam	0.00	0.00	20.76	7.19	0.00	0.00	0.00	0.00	6.38	3.43	0.00	0.00	27.14	10.61
Manipur	0.00	0.00	0.66	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.52
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.53	4.06	0.00	0.00	3.53	4.06
Mizoram	0.00	0.00	0.27	0.09	0.00	0.00	0.00	0.00	7.99	3.15	0.00	0.00	8.26	3.23
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.20	3.70	0.00	0.00	15.20	3.70
Tripura	0.00	0.00	0.55	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.57
North Eastern Region	0.00	0.00	22.44	8.49	0.00	0.00	0.00	0.00	33.17	14.38	0.00	0.00	55.60	22.87
All India Total	3996.15	3577.01	8207.51	5858.03	325.61	296.25	2097.86	2183.59	758.46	630.04	209.84	209.53	15595.42	12754.40

Table 7: Monthly Source wise RE generation December2022 and December2021

Table 8: Cumulative Source wise RE generation year 2022-23 and 2021-22 (up to December2022 and December2021)

RE generation(MUs) data (Source wise) for the year 2022-23(up to Dec 22) & year 2021-22(up to Dec 21)														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-
NORTHERN REGION														
Chandigarh	0.00	0.00	9.03	11.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	11.22
Delhi	0.00	0.00	184.48	165.72	0.00	0.00	0.00	0.00	0.00	0.00	198.43	177.98	382.91	343.70
Haryana	0.00	0.00	448.65	392.77	272.31	121.64	150.31	34.69	193.14	205.07	49.12	13.25	1113.53	767.42
Himachal Pradesh	0.00	0.00	46.59	33.78	0.00	0.00	0.00	0.00	2559.13	1754.21	0.00	0.00	2605.72	1787.99
J & K	0.00	0.00	0.00	1.71	0.00	0.00	0.00	0.00	327.03	338.34	0.00	0.00	327.03	340.05
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	0.00	0.00
Punjab	0.00	0.00	1919.79	1140.01	342.61	426.57	84.24	80.39	549.69	906.21	0.00	0.23	2896.33	2553.41
Rajasthan	4995.24	5439.60	25120.22	10979.64	296.10	281.94	0.00	0.00	3.23	3.08	0.00	0.00	30414.79	16704.26
Uttar Pradesh	0.00	0.00	2697.61	2083.29	45.57	55.65	1519.94	1593.45	172.59	114.40	42.03	12.50	4477.75	3859.28
Uttarakhand	0.00	0.00	248.85	221.67	0.00	0.00	186.39	182.34	265.05	241.02	0.00	0.00	700.29	645.03
Northern Region	4995.24	5439.60	30675.22	15029.81	956.59	885.80	1940.88	1890.87	4069.87	3562.32	289.58	203.95	42927.37	27012.35
WESTERN REGION														
Chhattisgarh	0.00	0.00	411.43	307.01	819.56	948.71	4.93	2.33	137.80	167.31	0.00	0.00	1373.72	1425.35
Gujarat	14942.86	14209.40	7210.67	4692.18	0.00	0.00	2.88	12.08	144.76	126.21	2.24	0.00	22303.42	19039.87
Madhya Pradesh	3653.87	3559.20	2855.09	2848.54	10.23	3.62	47.29	23.00	257.81	172.21	26.46	23.43	6850.74	6630.00
Maharashtra	6286.56	6195.18	2989.75	2303.14	168.23	236.27	2611.02	2095.26	576.43	566.26	0.37	0.05	12632.35	11396.16
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	23.17	60.39	3.22	8.91	0.00	0.00	0.00	0.00	0.00	0.00	26.40	69.30
Goa	0.00	0.00	10.33	2.19	0.00	0.00	0.00	0.00	0.00	0.00	3.82	0.01	14.15	2.20
Western Region	24883.29	23963.78	13500.45	10213.45	1001.23	1197.51	2666.13	2132.67	1116.79	1031.99	32.88	23.48	43200.78	38562.88
SOUTHERN REGION														

RE generation(MUs) data (Source wise) for the year 2022-23(up to Dec 22) & year 2021-22(up to Dec 21)

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-
Andhra Pradesh	6283.17	6075.00	5828.41	5644.64	45.57	79.62	69.41	36.12	235.10	285.10	206.08	78.18	12717.74	12184.33
Telangana	223.54	217.78	4802.72	4679.70	21.37	84.73	58.82	38.21	77.78	82.88	119.47	175.42	5308.80	5266.18
Karnataka	8012.45	8102.33	9983.65	9431.84	89.33	139.39	1695.23	1929.39	1895.53	2056.54	0.00	0.00	21837.19	21771.42
Kerala	157.68	112.53	547.16	344.13	0.00	0.00	45.53	36.65	685.64	738.61	0.00	0.00	1488.98	1244.24
Tamil Nadu	14976.98	14216.25	6629.06	5188.64	95.49	82.63	542.98	381.30	197.00	231.27	0.00	0.00	22475.79	20106.42
Lakshadweep	0.00	0.00	0.08	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.26
Puducherry	0.00	0.00	9.18	9.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.18	9.18
Southern Region	29653.83	28723.88	27800.26	25298.39	251.76	386.37	2411.98	2421.66	3091.04	3394.40	325.55	253.60	63837.77	60582.04
EASTERN REGION														
Andaman Nicobar	0.00	0.00	17.57	15.61	0.00	0.00	0.00	0.00	11.95	10.92	0.00	0.00	29.52	26.53
Bihar	0.00	0.00	126.93	118.77	0.00	2.14	35.63	22.51	9.91	4.51	0.00	0.00	172.46	147.93
Jharkhand	0.00	0.00	15.29	13.10	0.00	0.00	0.00	0.00	0.00	5.38	0.00	0.00	15.29	18.48
Orissa	0.00	0.00	509.20	425.25	42.14	74.42	0.00	0.00	361.98	330.64	0.00	0.00	913.32	830.31
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.27	9.27	0.00	0.00	9.27	9.27
West Bengal	0.00	0.00	92.01	70.57	0.00	0.00	0.00	0.00	166.61	136.96	1248.74	1180.11	1507.36	1387.63
Eastern Region	0.00	0.00	760.99	643.30	42.14	76.56	35.63	22.51	559.72	497.68	1248.74	1180.11	2647.22	2420.15
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	21.73	1.27	0.00	0.00	0.00	0.00	2.34	0.27	0.03	0.00	24.10	1.54

RE generation(MUs) data (Source wise) for the year 2022-23(up to Dec 22) & year 2021-22(up to Dec 21)

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-	Apr 22- Dec'22-	Apr 21- Dec '21-
Assam	0.00	0.00	152.17	52.84	0.00	0.00	0.00	0.00	52.09	32.22	0.00	0.00	204.26	85.06
Manipur	0.00	0.00	6.29	4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	6.30	4.93
Meghalaya	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	60.40	33.22	0.00	0.00	60.40	33.69
Mizoram	0.00	0.00	2.42	1.42	0.00	0.00	0.00	0.00	35.07	17.38	0.00	0.00	37.49	18.80
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.07	53.33	0.00	0.00	102.07	53.33
Tripura	0.00	0.00	4.95	4.47	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	4.95	5.91
North Eastern Region	0.00	0.00	187.56	65.40	0.00	0.00	0.00	0.00	251.98	137.87	0.03	0.00	439.57	203.27
All India Total	59532.36	58127.26	72924.49	51250.34	2251.72	2546.24	7054.61	6467.72	9392.75	8727.98	1896.79	1661.14	153052.72	128780.68



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