



सत्यमेव जयते

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-2023/जनवरी-2023

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 January 2023

1. RE capacity addition during January 2023 has been 649.37MW (Solar -591.34MW and Wind -53.40 MW, Bio Power – 0.00 MW, Others (waste to energy)-0.63MW, Small Hydro -4.00MW).
2. RE generation during January 2023 has increased by 34.87 % as compared to January 2022.
3. Solar Power generation during January 2023 as compared to January 2022 has increased by 40.52% on All India basis in all states except Haryana, Delhi, Chandigarh, and Madhya Pradesh.
4. Wind Power generation during January 2023 as compared to January 2022 has increased by 47.54% on All India basis in all states except Maharashtra.
5. Biomass Power generation during January 2023 as compared to January 2022 has increased by 3.03% on All India basis expect Uttar Pradesh, Maharashtra, Andhra Pradesh, Telangana, Karnataka, Tamil Nadu and Odisha.
6. Bagasse power generation during January 2023 as compared to January 2022 has increased by 9.00% on All India basis expect Haryana, Punjab and Maharashtra.
7. Others (Waste to Heat) Power generation has decreased by 6.75% during January 2023 as compared to January 2022.
8. Small Hydro Power generation during January 2023 as compared to January 2022 has increased by 20.67% on All India basis expect Jammu & Kashmir, Chhattisgarh, Gujarat, Telangana, Karnataka and Kerala.

Summary of RE Capacity Addition for the Month of January'23

Decreased by 33.44 % as compared to January 22.

Decreased by 53.22% as compared to December 22.

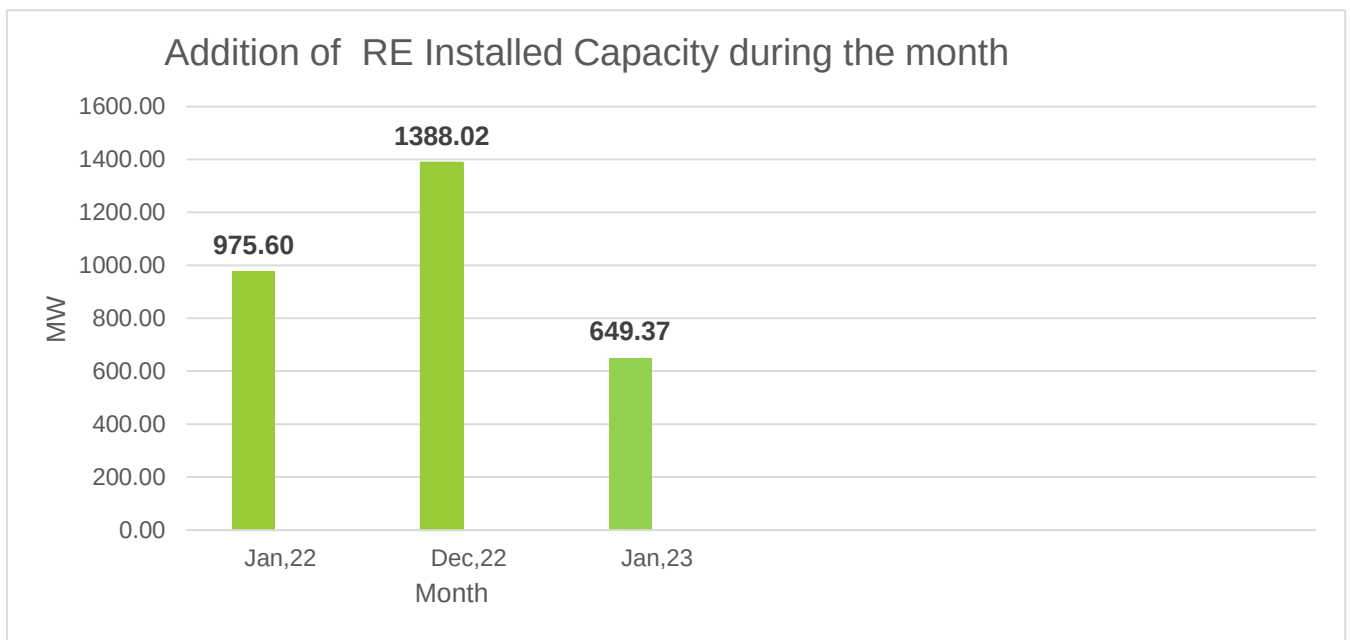


Figure 1: RE capacity added during the Month

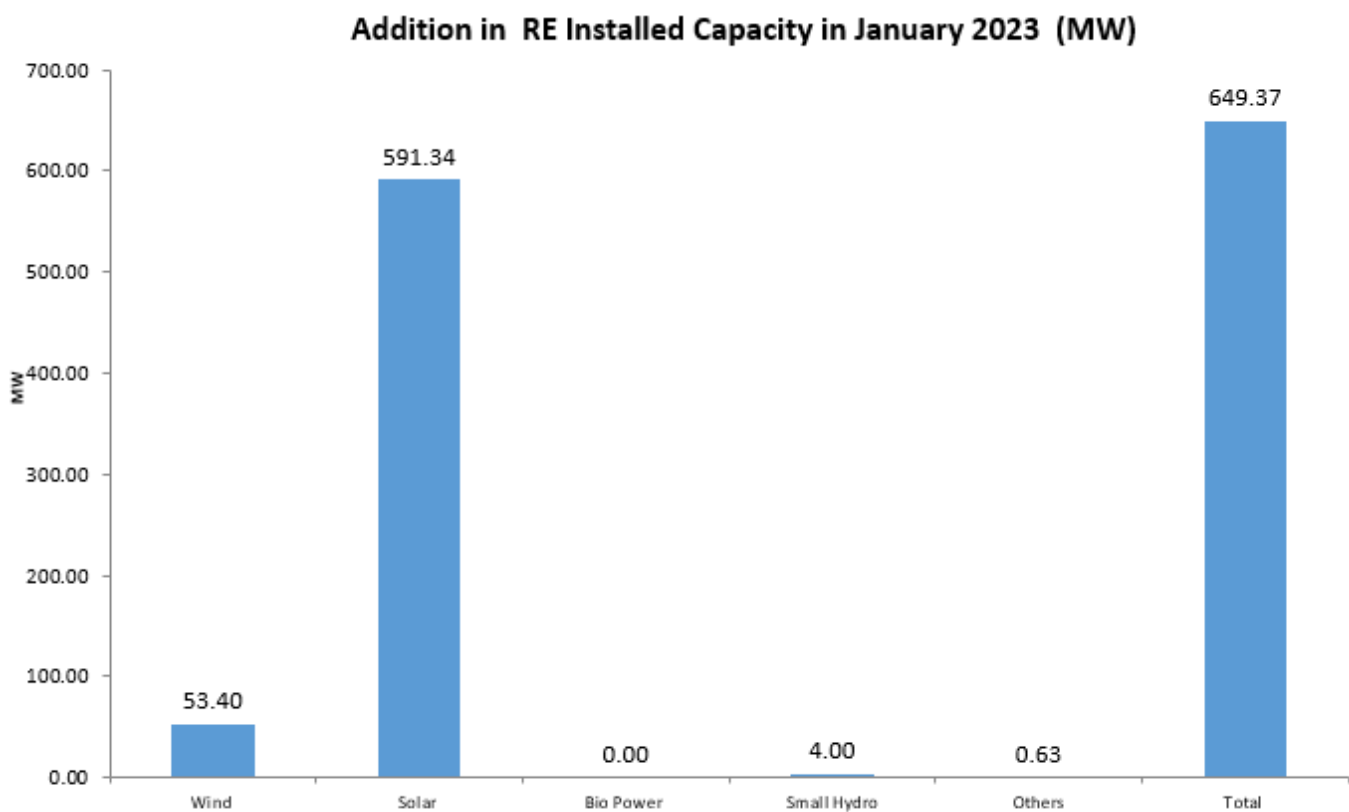


Figure 2: Source wise addition in RE Installed Capacity in January 23

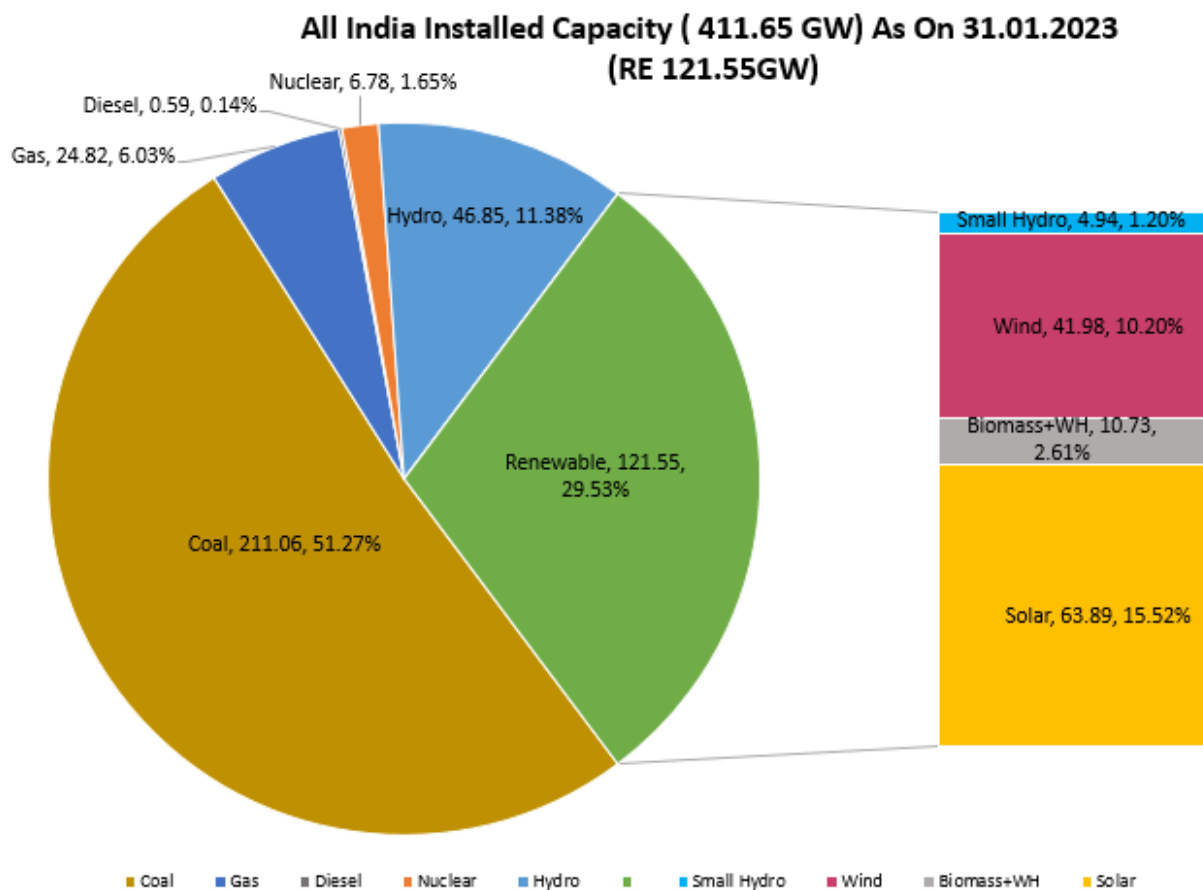


Figure 3: Installed Capacity in India as on 31.01.2023

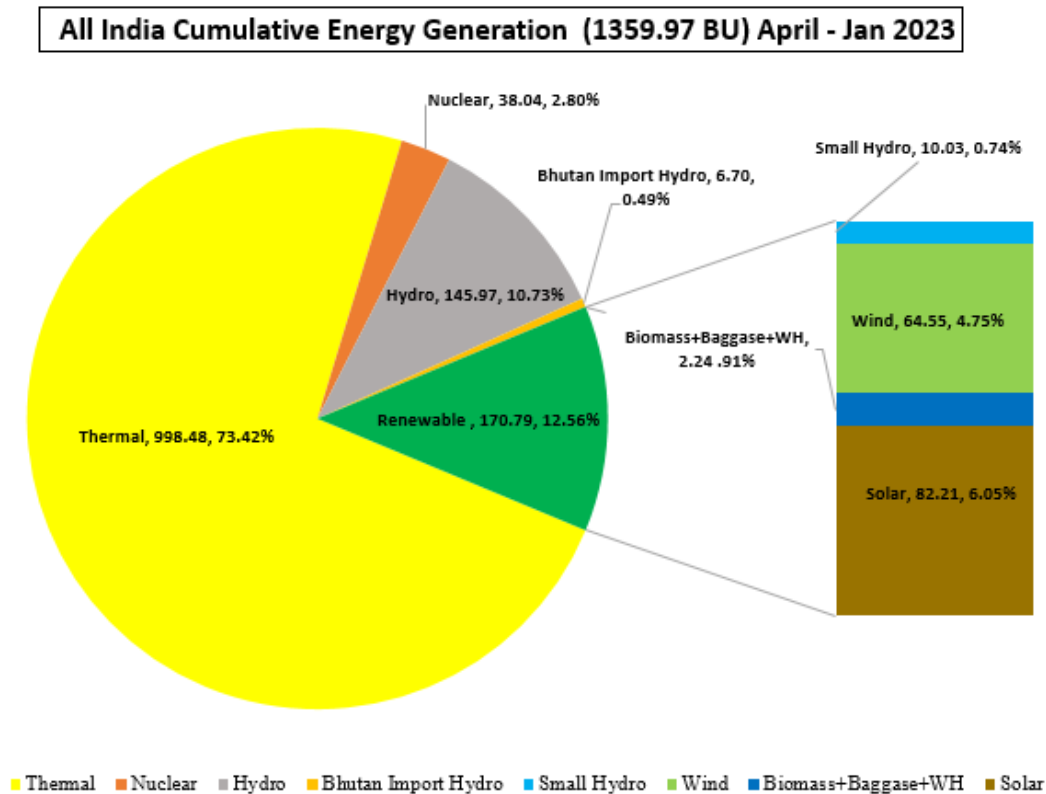


Figure 4: Cumulative Total Energy Generation in India and Share of RE for the year 2022-23(up to January 23).

All India Monthly Energy Generation (136.36 BU) Jan 2023

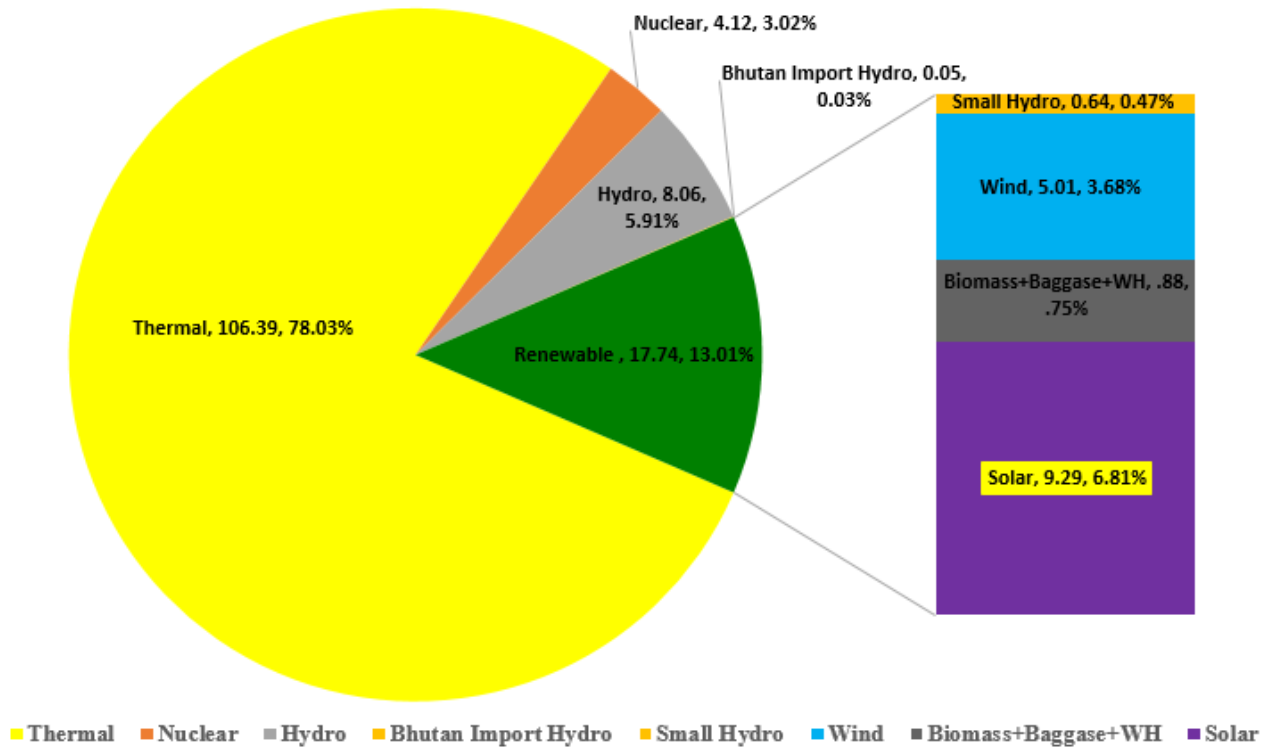


Figure 5: Total Energy Generation in India and Share of RE in the month of January-2023

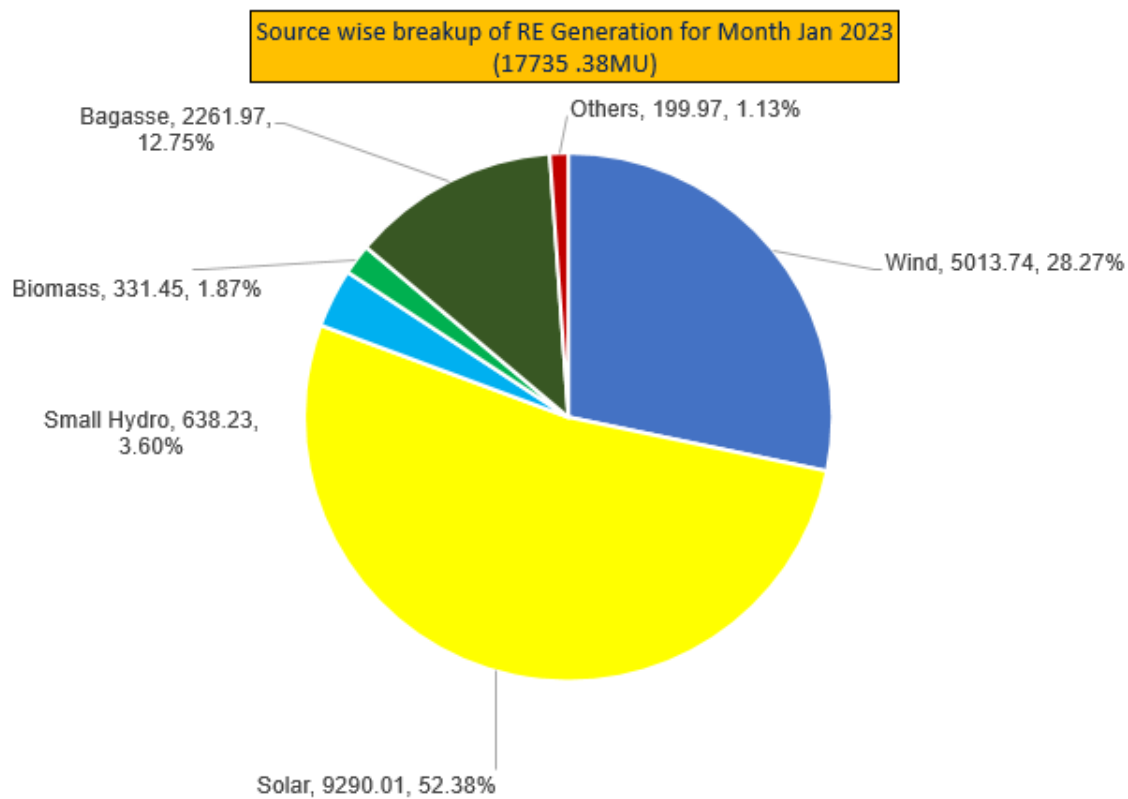


Figure 6: Source wise breakup of RE Generation in the month of January-2023

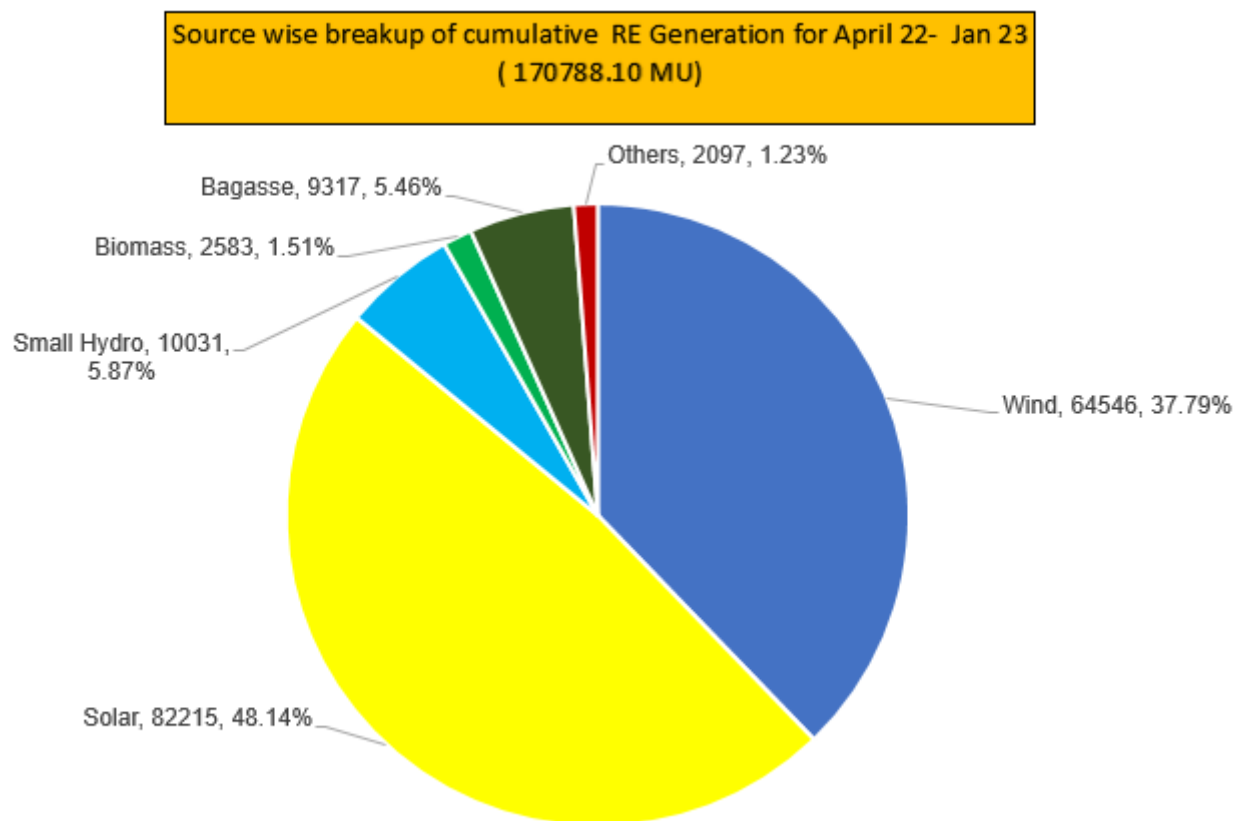


Figure 7: Source wise breakup of Cumulative RE Generation for the year 2022-23(up to January 23).

Summary of Renewable Energy Generation

Increased by 34.87% as compared to January'22

Increased by 13.72% as compared to December'22.

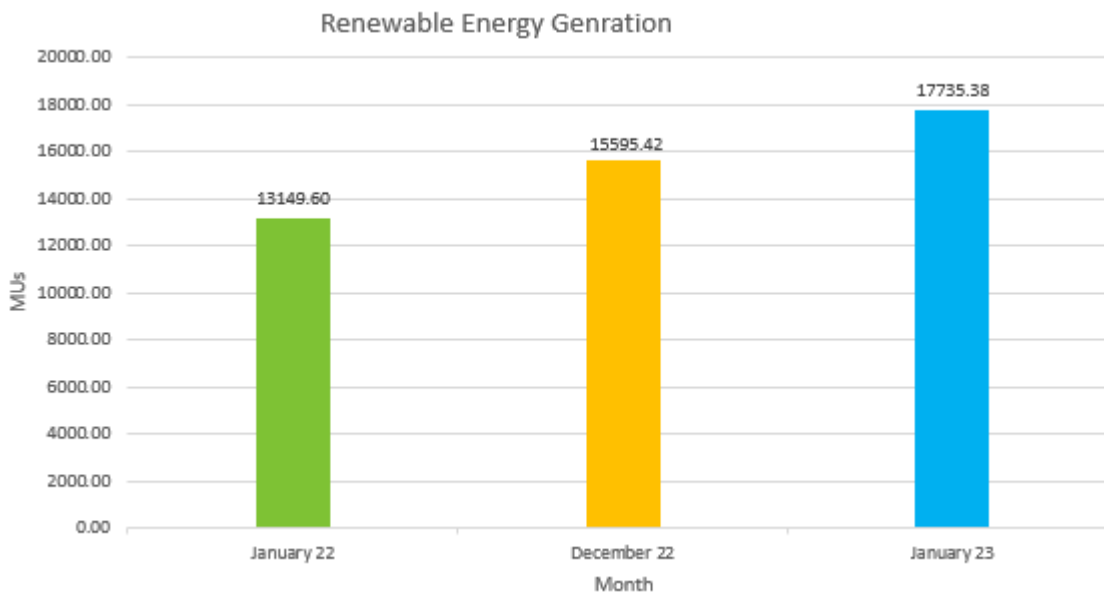


Figure 8: Renewable Energy Generation

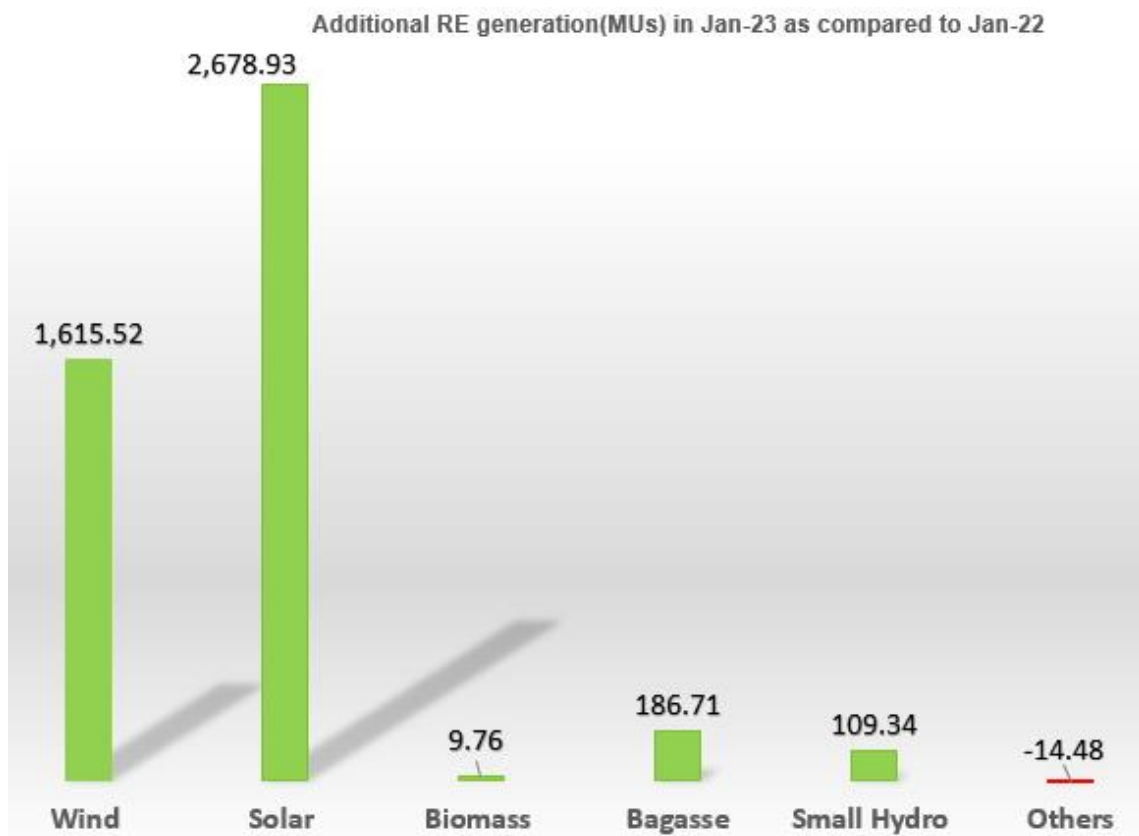


Figure 9: Additional RE Generation in January-23 as compared to January-22

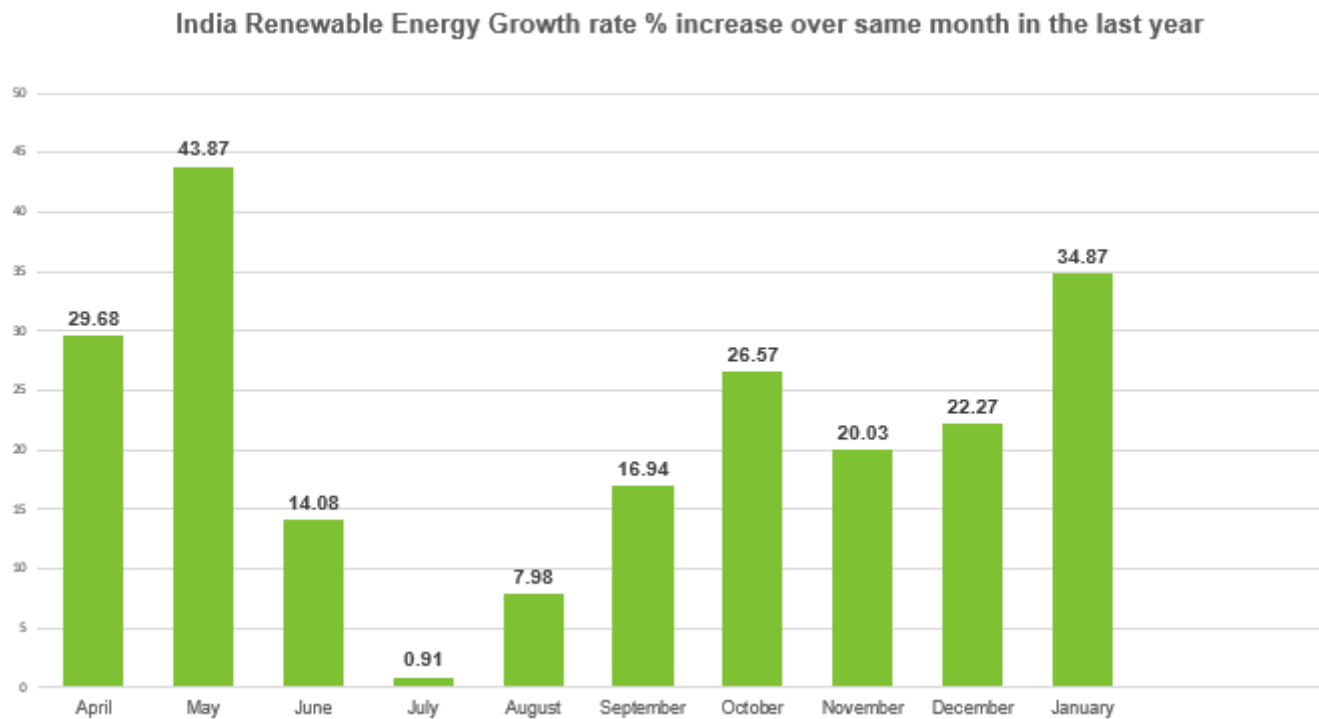


Figure 10: Month Wise Growth of RE Generation in year 2022-23 w.r.t to previous year Same Month.

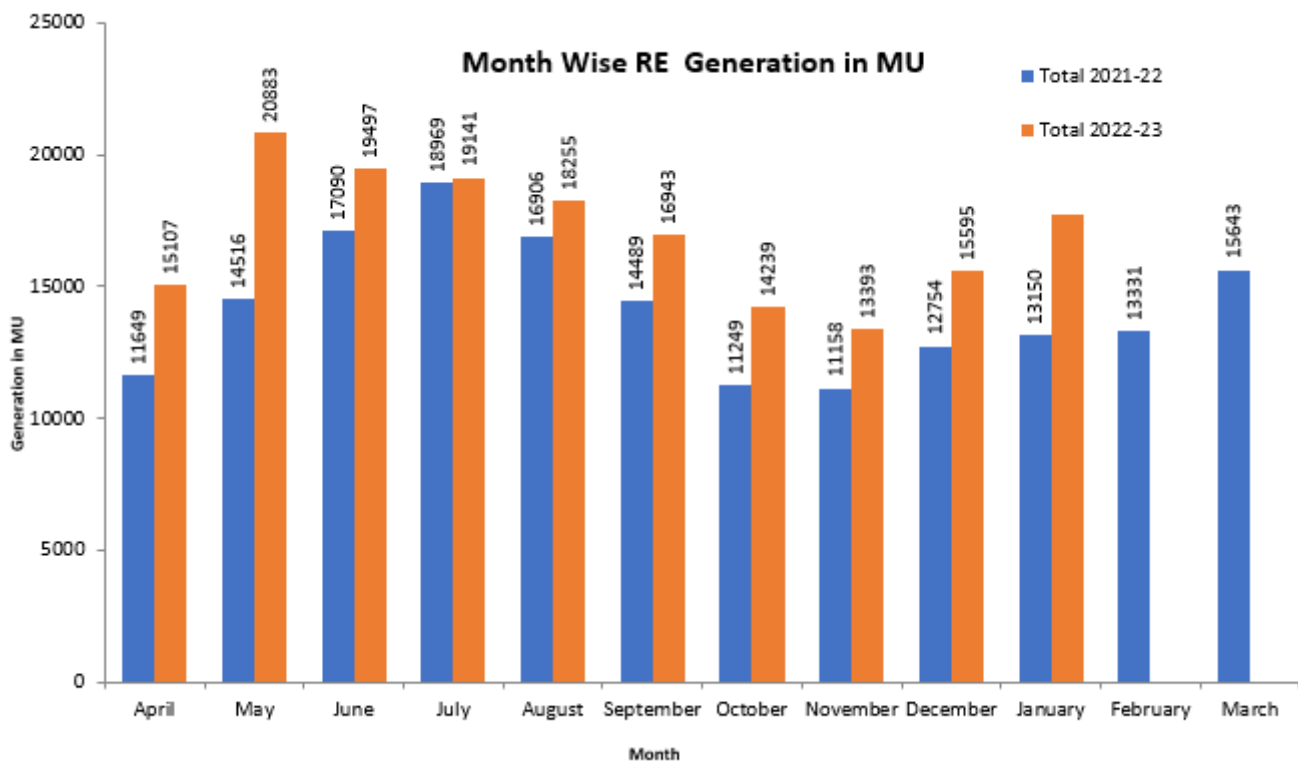


Figure 11: comparison of Month Wise RE Generation in year 2021-22 & in year 2022-23

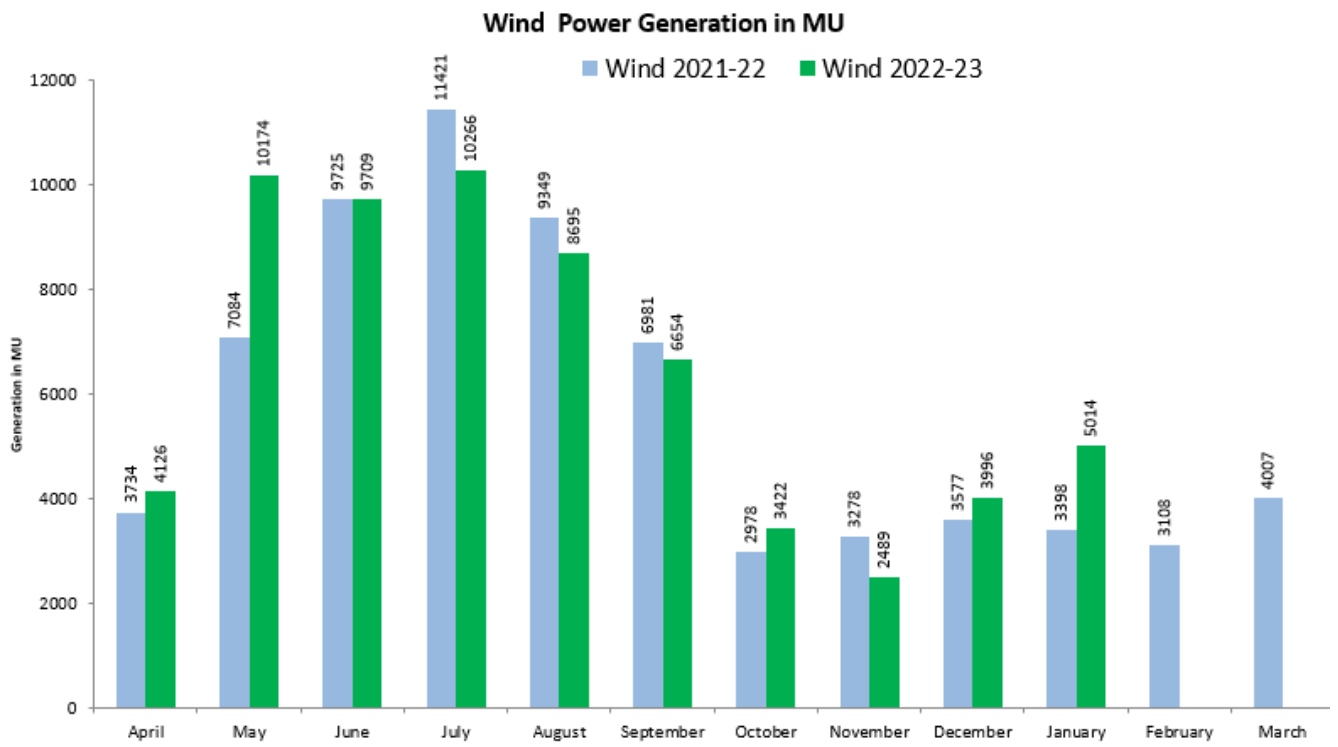


Figure 12: Month Wise Wind Power Generation for the year 2021-22 and year 2022-23.

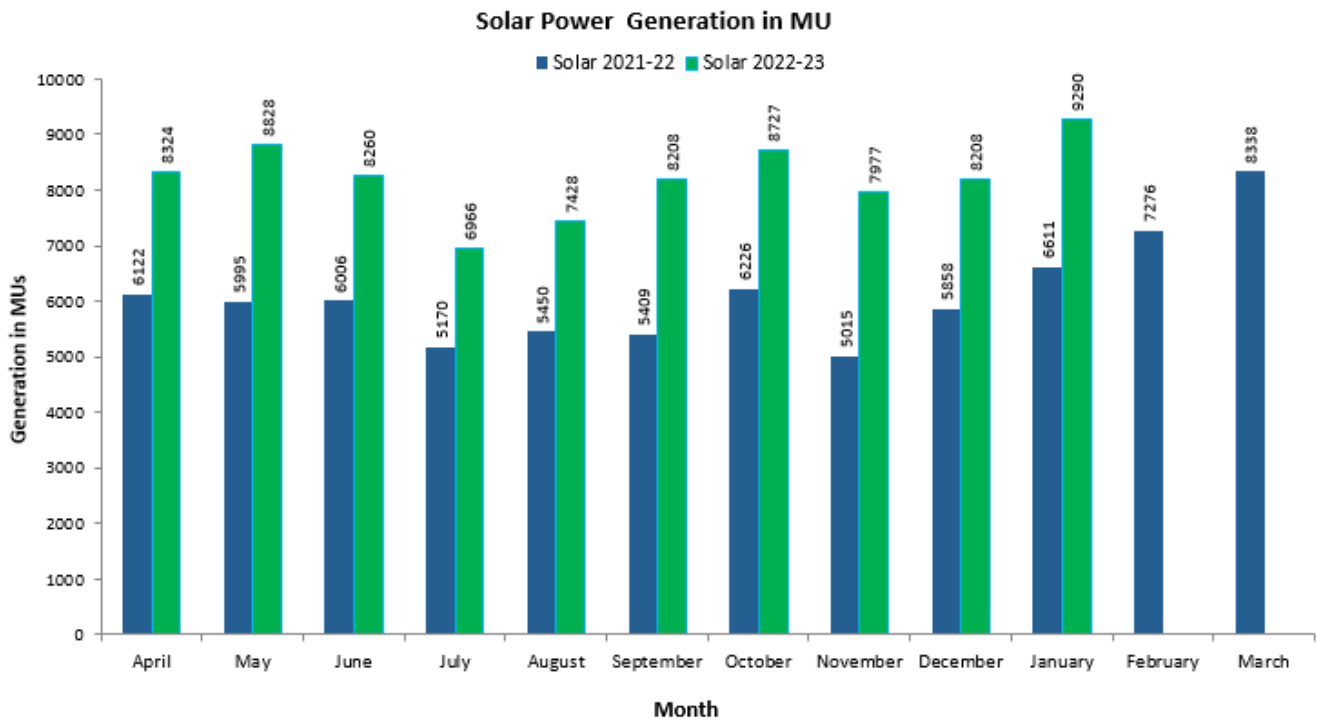


Figure 13: Month Wise Solar Power Generation for the year 2021-22 and year 2022-23.

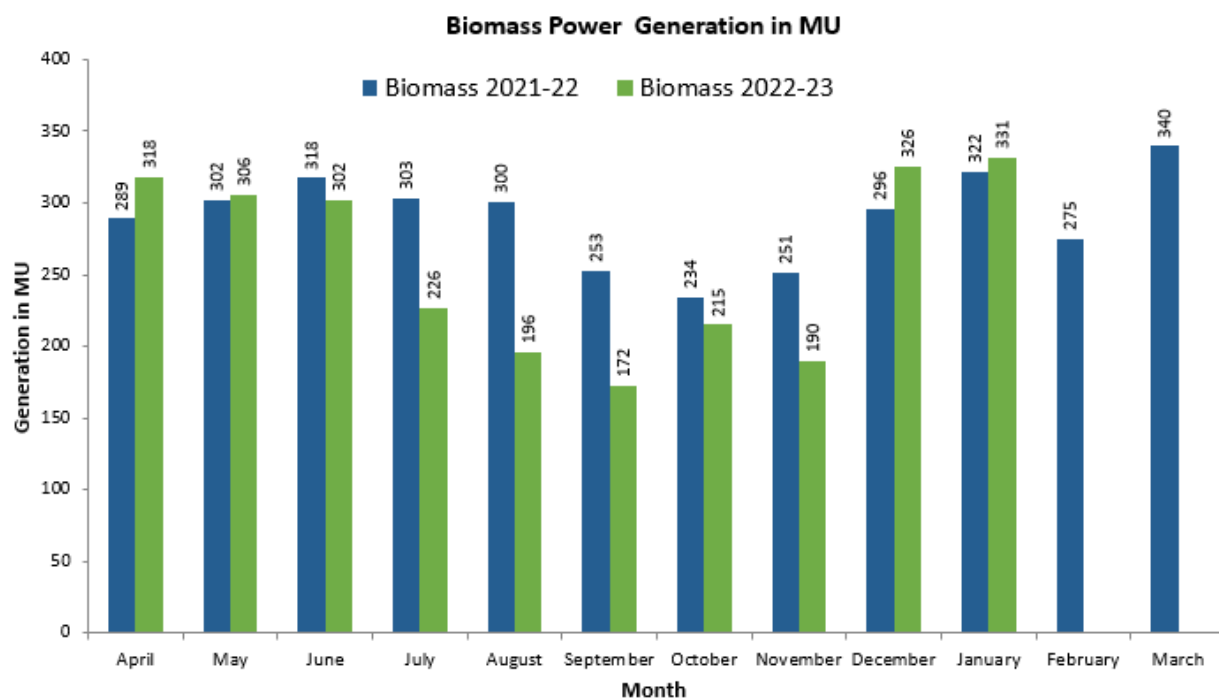


Figure 14: Month Wise Biomass Power Generation for the year 2021-22 and year 2022-23.

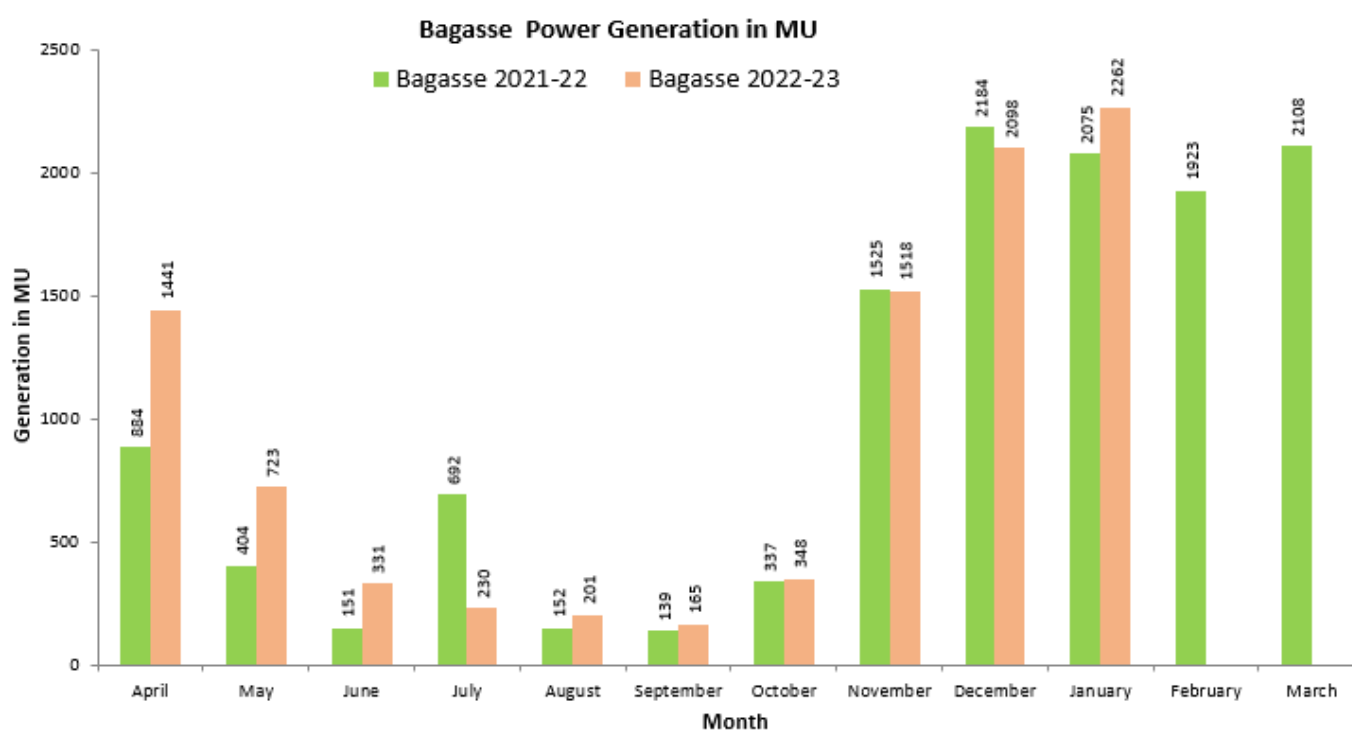


Figure 15: Month Wise Bagasse Power Generation for the year 2021-22 and year 2022-23.

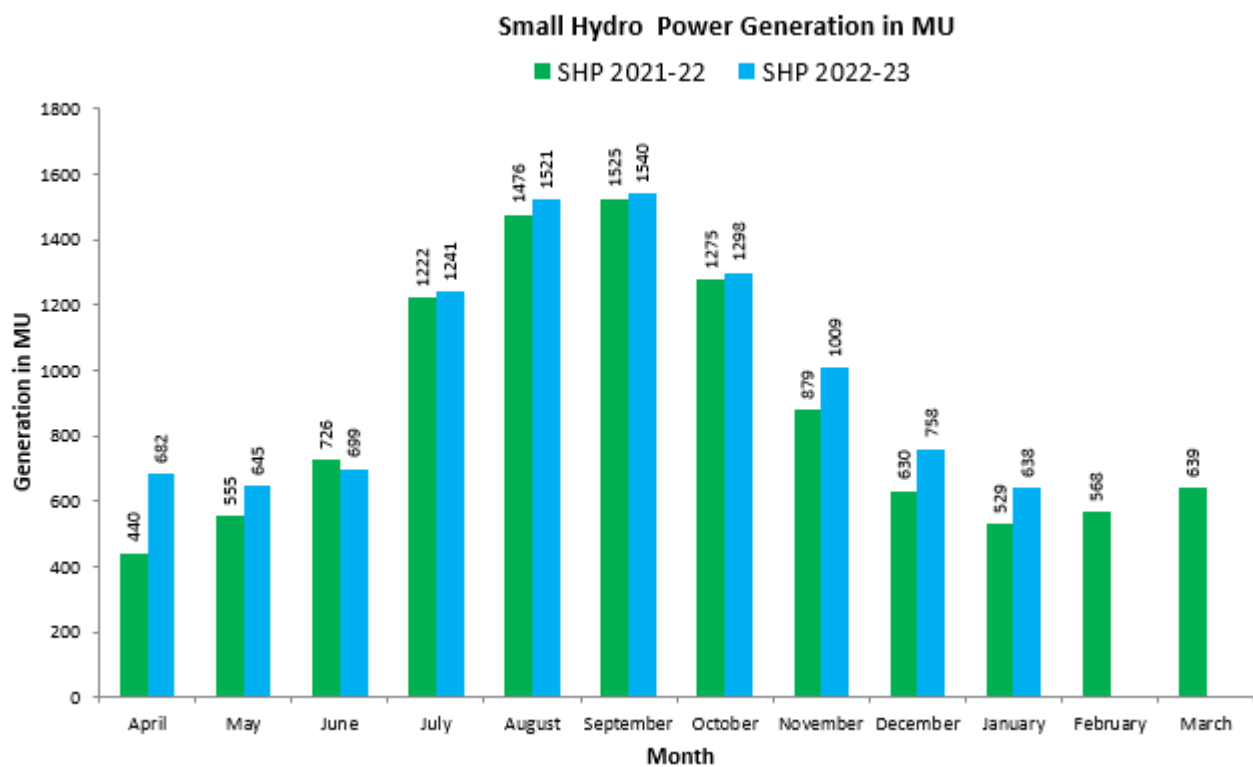


Figure 16: Month Wise Small Hydro Power Generation for the year 2021-22 and year 2022-23.

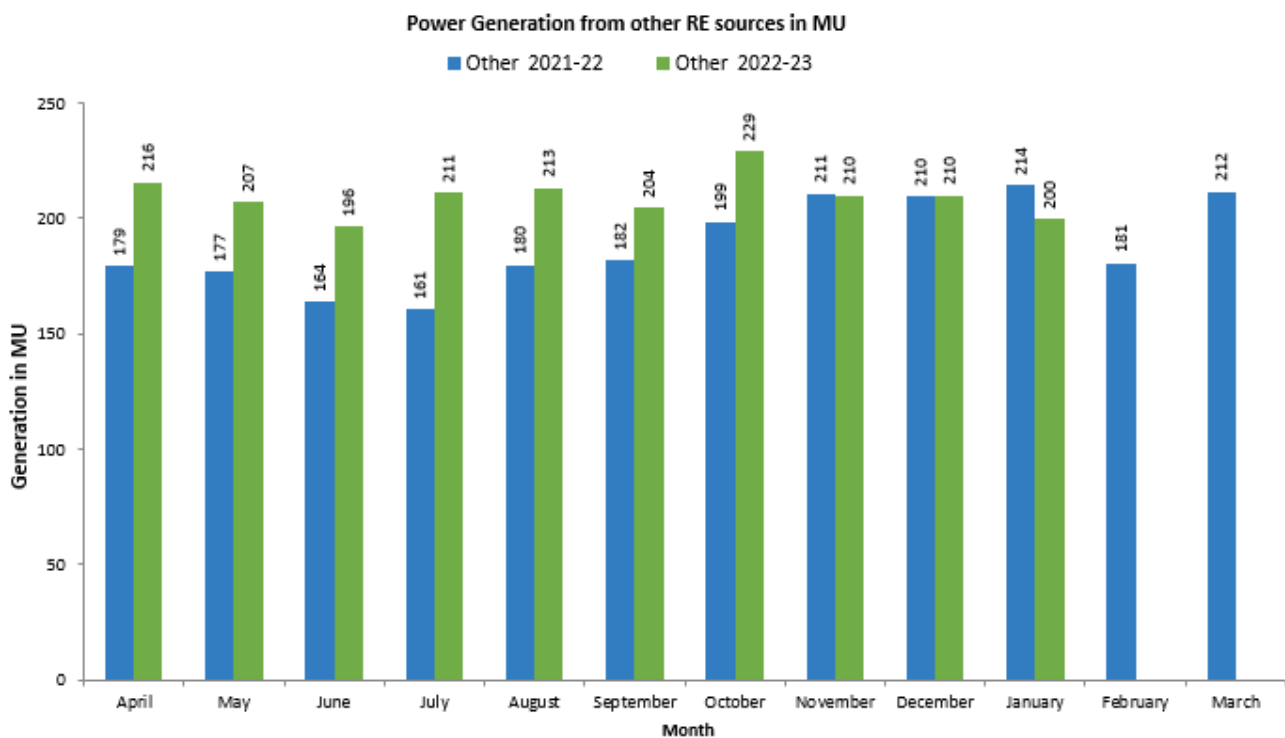
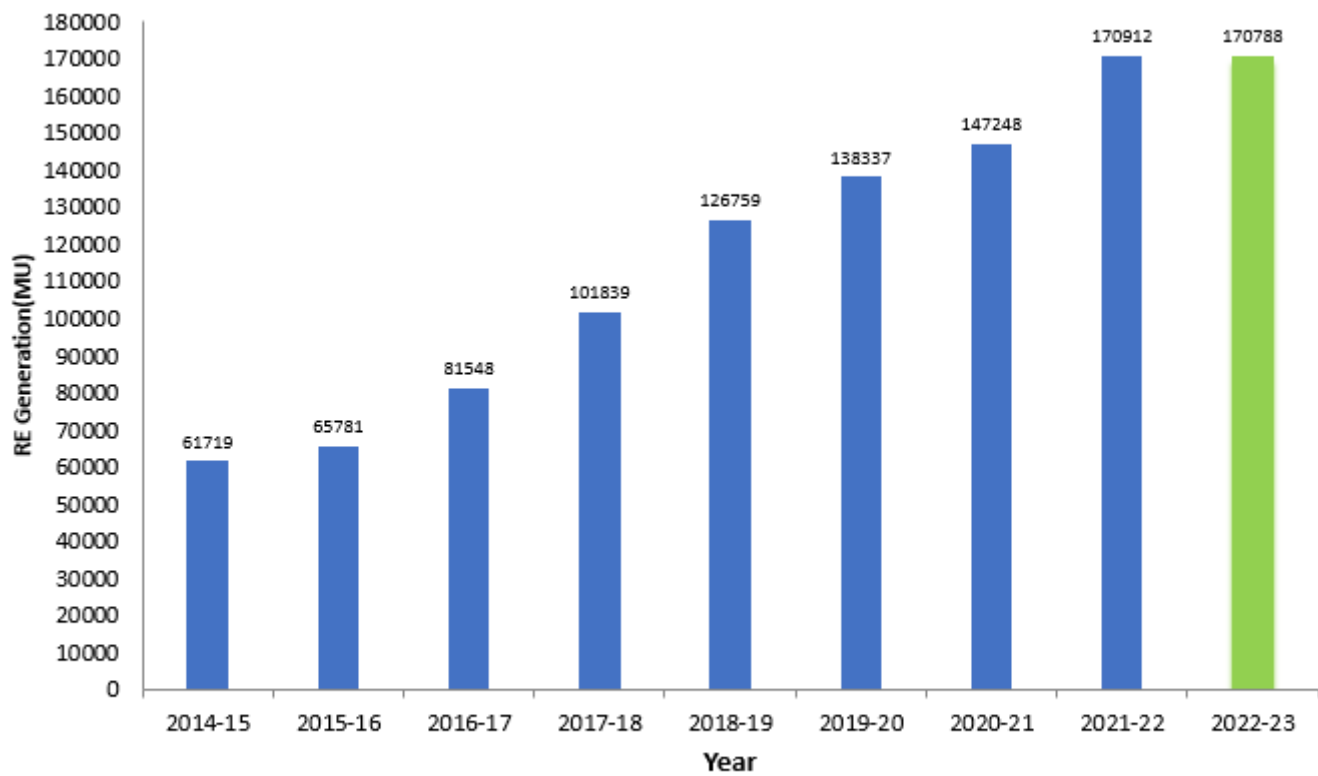


Figure 17: Month Wise Other RE (Waste Heat etc.) Power for the year 2021-22 and year 2022-23.

Year wise Generation of RE in MU



2022-23 Generation up to January 2023.

Figure 18: Year Wise RE Generation

All India Wind & Solar Power Daily Generation Report (January-2023)

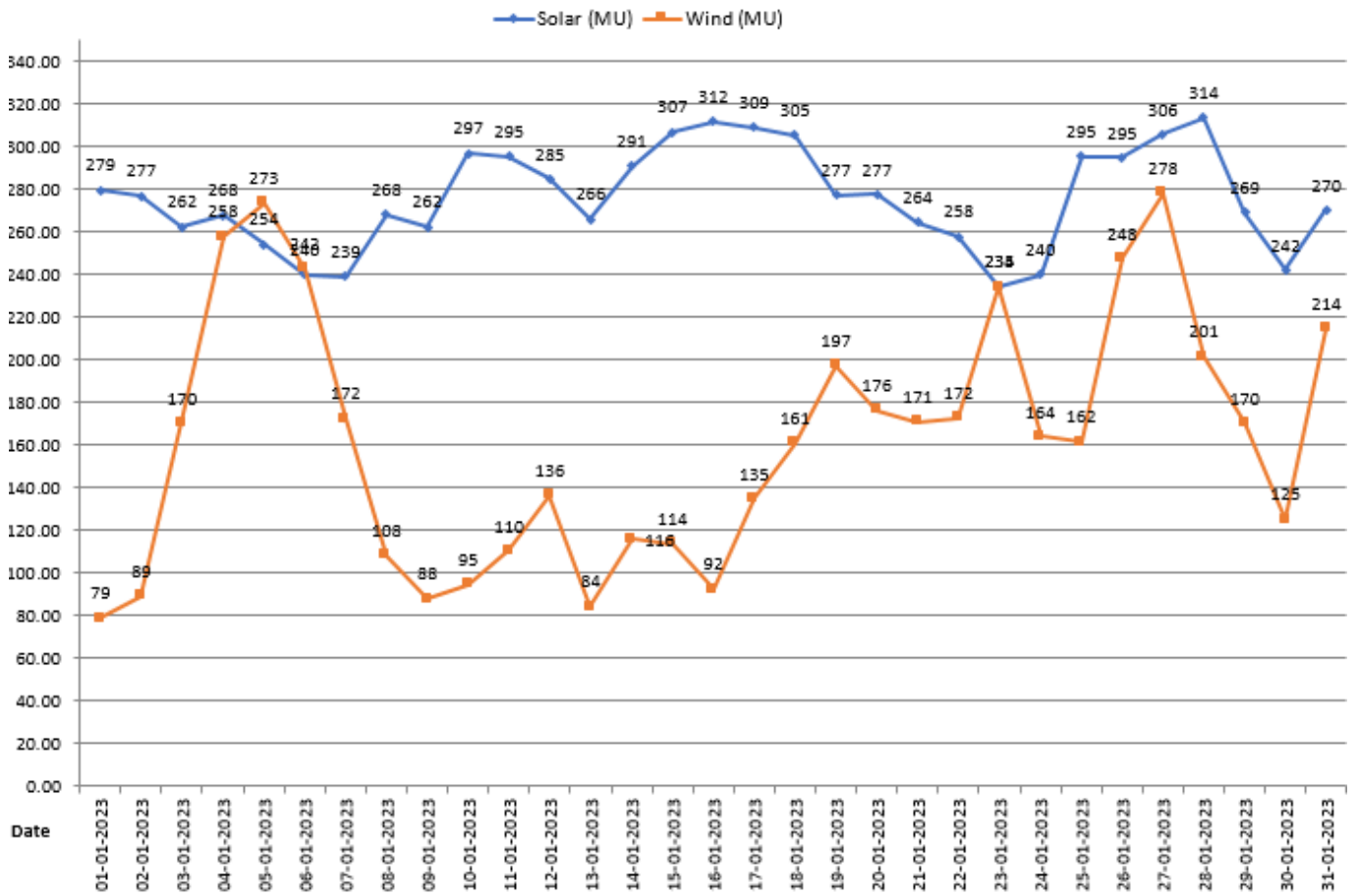


Figure 19: Daily solar and wind power generation trend in the month of January-2023

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	MNRE Installed Capacity (MW) (as on 31.01.2023)	Installed Capacity informed to CEA (MW) (as on 31.01.2023)	RE Generation (MU) Jan'2023	RE Generation (MU) Jan'2022	% of same Month Last Year	RE Generation(MU) April'2022- Jan'2023	RE Generatio n(MU) April'2021- Jan'2022	% of same period Last Year
पवन/Wind	41983.18	41586.13	5013.74	3398.23	147.54	64546.10	61525.49	104.91
सौर/Solar	63893.85	56006.98(*)	9290.01	6611.09	140.52	82214.50	57869.53	142.07
बायोमास/ Biomass	10209.81	8556.08	331.45	321.69	103.03	2583.17	2867.92	90.07
बगास/Bagasse			2261.97	2075.27	109.00	9316.59	8542.98	109.06
लघु जल विद्युत्/Small Hydro	4939.65	3963.45	638.23	528.88	120.67	10030.98	9256.86	108.36
अन्य/Others	523.05	602.59	199.97	214.45	93.25	2096.76	1875.76	111.78
कुल/Total	121549.54	110715.23	17735.38	13149.60	134.87	170788.10	141938.55	120.33

(*) Solar Installed capacity including 1.8GW rooftop solar.

Table 2: Renewable Energy Generation by ISGS Stations for the Month January 2023.

Station	State/ Region	Sector (Central/State /Private)	Owner	Type	Generation (MU)
Unchahar	Uttar Pradesh	Central	NTPC	Solar	0.82
Dadri	Uttar Pradesh	Central	NTPC	Solar	0.36
Singrauli	Uttar Pradesh	Central	NTPC	Solar	1.55
Auraiya	Uttar Pradesh	Central	NTPC	Solar	3.97
Kolayat	Rajasthan	Central	NTPC	Solar	74.50
ABC Renewable Energy	Rajasthan	Private	IPP	Solar	60.64
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	45.60
Acme Heerghar Powertech Pvt Ltd	Rajasthan	Private	IPP	Solar	44.43
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	IPP	Solar	242.84
Adani Hybrid Energy	Rajasthan	Private	IPP	Solar	99.03
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	IPP	Solar	78.89
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	IPP	Solar	82.76
Adani RERJL	Rajasthan	Private	IPP	Solar	39.17
Adani SE Jaisalmer One	Rajasthan	Private	IPP	Solar	108.17
Adani SE4PL(Kilaj Solar)	Rajasthan	Private	IPP	Solar	9.51
Adani SEJ5PL(SB Energy)	Rajasthan	Private	IPP	Solar	36.85
Adani SERJ1PL(SB Energy Six)	Rajasthan	Private	IPP	Solar	59.36
Avaada Sunrays	Rajasthan	Private	IPP	Solar	57.36
Avaada RJHN	Rajasthan	Private	IPP	Solar	41.49
Avaada Sunce	Rajasthan	Private	IPP	Solar	59.86
Avaada Sustainable	Rajasthan	Private	IPP	Solar	52.80
Ayana Renewable One	Rajasthan	Private	IPP	Solar	57.29
Azure Power Forty One Private Limited	Rajasthan	Private	IPP	Solar	56.21
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	113.03
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	33.86
Azure Power Maple	Rajasthan	Private	IPP	Solar	28.66
Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	23.31
Clean Solar Power	Rajasthan	Private	IPP	Solar	48.00
Clean Solar Power (Bhadla) Pvt Ldt	Rajasthan	Private	IPP	Solar	59.17
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	63.20
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	9.90

Station	State/ Region	Sector (Central/State /Private)	Owner	Type	Generation (MU)
Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	49.13
Mega Surya Urja	Rajasthan	Private	IPP	Solar	45.16
Nindan Solar Fatehgar	Rajasthan	Private	IPP	Solar	59.71
Renew Jharkhand	Rajasthan	Private	IPP	Solar	60.08
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	9.36
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	44.55
Renew Solar Urja	Rajasthan	Private	IPP	Solar	58.60
Renew Sun Bright	Rajasthan	Private	IPP	Solar	58.63
Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	59.75
Renew Surya Ravi	Rajasthan	Private	IPP	Solar	25.35
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	38.56
Tata Power Green Energy	Rajasthan	Private	IPP	Solar	36.99
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	56.64
Thar Surya1	Rajasthan	Private	IPP	Solar	36.99
Northern Region					2332.08
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	40.01
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	40.01
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	39.38
ESPL RSP Solar	Gujarat	Private	IPP	Solar	41.61
TPREL RSP Solar	Gujarat	Private	IPP	Solar	21.28
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	21.97
Powerica Wind	Gujarat	Private	IPP	Solar	13.50
NTPC Kawas	Gujarat	Central	NTPC	Solar	9.56
GSECL	Gujarat	Private	IPP	Solar	12.63
Athen_RUM	Gujarat	Private	IPP	Solar	40.80
Gandhar_Solar	Gujarat	Private	IPP	Solar	1.99
RPL_SECI-II	Gujarat	Private	IPP	Solar	69.40
Solapur_Solar	Gujarat	Private	IPP	Solar	1.22
AWEK1L	Gujarat	Private	IPP	Wind	128.59
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Wind	69.40
Alfnar Wind	Gujarat	Private	IPP	Wind	67.50
Adani Green Energy Mp Ltd(Dayapar)(CPTTNPL)	Gujarat	Private	IPP	Wind	71.36
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	69.59
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	76.72
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	38.17
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	93.58
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	94.10

Station	State/ Region	Sector (Central/State /Private)	Owner	Type	Generation (MU)
Avikiran Solar India Private Limited (ASIPL)	Gujarat	Private	IPP	Wind	52.43
SITAC	Gujarat	Private	IPP	Wind	54.91
SRIJAN	Gujarat	Private	IPP	Wind	17.41
Western Region					1187.12
Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	38.27
GRTJIPL	Tamil Nadu	Private	IPP	Wind	26.63
Mytra	Tamil Nadu	Private	IPP	Wind	33.35
Orange	Tamil Nadu	Private	IPP	Wind	42.94
Green Infra	Tamil Nadu	Private	IPP	Wind	58.89
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	8.57
Ettayapuram	Tamil Nadu	Central	NTPC	Solar	20.20
RSTPS Floating Solar	Andhra Pradesh	Private	IPP	Solar	14.30
Simhadri Floating Solar	Andhra Pradesh	Private	IPP	Solar	3.22
Adani7	Telangana	Private	IPP	Solar	52.92
Biwadi	Andhra Pradesh	Private	IPP	Solar	10.71
Hisar	Andhra Pradesh	Private	IPP	Solar	10.60
Karnal	Andhra Pradesh	Private	IPP	Solar	10.62
Ayana	Andhra Pradesh	Private	IPP	Solar	53.85
Azure	Andhra Pradesh	Private	IPP	Solar	9.23
FRV2	Andhra Pradesh	Private	IPP	Solar	9.82
FRV	Andhra Pradesh	Private	IPP	Solar	10.37
NTPC	Andhra Pradesh	Private	IPP	Solar	37.21
SBG	Andhra Pradesh	Private	IPP	Solar	44.33
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	50.88
Tata	Andhra Pradesh	Private	IPP	Solar	18.38
Adyah10	Karnataka	Private	IPP	Solar	67.26
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	10.43
Amplus	Karnataka	Private	IPP	Solar	10.54
Avaada	Karnataka	Private	IPP	Solar	31.69
Avaada Solarise	Karnataka	Private	IPP	Solar	31.72
Azure Power	Karnataka	Private	IPP	Solar	22.46
Fortum Finsurya	Karnataka	Private	IPP	Solar	19.25

Station	State/ Region	Sector (Central/State /Private)	Owner	Type	Generation (MU)
Fortum	Karnataka	Private	IPP	Solar	52.66
Kredl	Karnataka	Private	IPP	Solar	9.56
Parampujya	Karnataka	Private	IPP	Solar	32.09
Renew	Karnataka	Private	IPP	Solar	9.74
SBG	Karnataka	Private	IPP	Solar	44.33
Tata	Karnataka	Private	IPP	Solar	85.61
Yarrow	Karnataka	Private	IPP	Solar	10.74
Southern Region					1078.61
All India Total					4597.81

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) Jan'2023	RE Generation (MU) Jan'2022	RE Generation (MU) April'2022-Jan'2023	RE Generation(MU) April'2021-Jan'2022
NTPC							
Faridabad	Haryana	5.00	Solar	0.37	0.37	5.04	5.47
Bhadla	Rajasthan	260.00	Solar	35.07	33.89	358.27	362.91
Jetsar	Rajasthan	160.00	Solar	23.37	9.59	283.73	30.33
Fatehgarh	Rajasthan	296.00	Solar	60.17	8.77	561.49	9.25
Devikot	Rajasthan	240.00	Solar	12.89	0.00	53.53	0.00
Nokhra	Rajasthan	150.00	Solar	4.01	0.00	24.87	0.00
Dadri_Solar	Uttar Pradesh	5.00	Solar	0.36	0.31	4.93	5.19
Unchahar	Uttar Pradesh	10.00	Solar	0.82	0.75	11.17	9.86
Singrauli	Uttar Pradesh	15.00	Solar	1.55	1.55	16.78	16.10
Auraiya	Uttar Pradesh	40.00	Solar	3.97	1.71	39.61	25.80
Singrauli	Uttar Pradesh	8.00	Small Hydro	2.52	2.14	25.35	16.53
Rojmal	Gujarat	50.00	Wind	8.75	8.35	90.16	87.62
Rajgarh	Madhya Pradesh	50.00	Solar	6.07	6.19	60.34	59.29
Mandsaur	Madhya Pradesh	250.00	Solar	31.04	33.12	310.74	307.41
Solapur	Maharashtra	10.00	Solar	0.23	0.00	0.23	0.00
Anantapuram	Andhra Pradesh	250.00	Solar	37.70	34.48	305.36	304.73
Ramagundam	Telangana	110.00	Solar	17.47	1.96	138.83	16.57
Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.55	0.56	4.37	4.35
Talchar	Orissa	10.00	Solar	1.39	1.44	11.23	10.07
Solar_Bilhaur	Uttar Pradesh	225.00	Solar	27.00	27.19	392.29	370.35
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	3.72	4.65	37.58	20.69
Kayamkulam	Kerala	92.00	Solar	16.38	0.00	132.86	0.00
Kawas	Gujarat	56.00	Solar	9.26	0.00	55.33	0.00
Gandhar	Gujarat	10.00	Solar	1.99	0.00	7.86	0.00
Shambu ki Burj-I	Rajasthan	250.00	Solar	45.74	0.00	274.68	0.00
Shambu ki Burj-II	Rajasthan	150.00	Solar	23.35	0.00	95.27	0.00
Ettayapuram	Tamil Nadu	230.00	Solar	16.26	0.00	54.60	0.00
Total NTPC		2962.00		392.00	177.02	3356.50	1662.52
THDC							
Patan Wind Power Project	Gujarat	50.00	Wind	7.95	5.86	70.05	69.85
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	15.58	12.63	125.54	137.11
Solar Kasaragod	Kerala	50.00	Solar	9.68	9.64	75.21	70.75
Rishikesh office Premises	Uttar Pradesh	0.50	Solar	0.03	0.02	0.41	0.30

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) Jan'2023	RE Generation (MU) Jan'2022	RE Generation (MU) April'2022-Jan'2023	RE Generation(MU) April'2021-Jan'2022
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	7.05	0.79	69.92	41.40
Total THDC		187.50		40.29	28.94	341.13	319.41
NHPC							
Wind Power Project	Rajasthan	50.00	Wind	6.70	2.65	68.90	66.89
Solar Power Project	Tamil Nadu	50.00	Solar	8.06	7.80	73.60	72.54
Total NHPC		100.00		14.76	10.45	142.50	139.43
ONGC							
Wind, Bhuj	Gujarat	51.00	Wind	6.25	3.73	68.44	79.06
Wind, Jaisalmer	Rajasthan	102.00	Wind	9.52	4.41	118.74	126.04
Solar, Goa	Goa	1.00	Solar	0.13	0.14	1.08	1.17
Solar, Hazira	Gujarat	10.00	Solar	1.35	1.32	11.88	11.76
Solar, Hazira	Gujarat	5.00	Solar	0.10	0.81	0.10	5.94
Solar, Ankleshwar	Gujarat	5.00	Solar	0.84	0.09	7.47	0.88
Solar,Rajahmundary	Andhra Pradesh	1.00	Solar	0.10	0.12	0.83	1.13
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.13	0.50	1.24	1.04
Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.51	0.50	5.43	4.49
Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.41	0.16	4.26	1.44
Solar, Assam (RTS)	Assam	1.65	Solar	0.13	0.10	1.40	1.16
Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.10	0.02	1.21	0.23
Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.00	0.23	0.01
Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.01	0.03	0.08
Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.00	0.06	0.00
Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.02	0.00	0.25	0.00
ONGC Colony Noida	Uttar Pradesh	0.06	Solar	0.00	0.00	0.00	0.00
Total ONGC		189.05		19.62	11.90	222.66	234.41

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) Jan'2023	RE Generation (MU) Jan'2022	RE Generation (MU) April'2022-Jan'2023	RE Generation(MU) April'2021-Jan'2022
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	0.83	0.67	48.25	42.44
Sadla Wind Power	Gujarat	50.00	Solar	9.06	8.54	82.02	80.63
Charanka Solar Power	Gujarat	5.60	Solar	0.83	0.67	7.00	6.21
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.07	0.00	1.11	0.00
Parasan Solar Power	Gujarat	75.00	Solar	9.46	0.00	21.70	0.00
Total SJVN		179.20		20.25	9.89	160.08	129.27
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.05	1.77	20.48	17.83
Oil India Ltd	Rajasthan	67.60	Wind	6.76	3.74	72.93	64.25
Oil India Ltd	Gujarat	43.30	Wind	8.79	10.47	83.30	73.64
Oil India Ltd	Madhya Pradesh	63.20	Wind	8.30	8.55	88.78	99.06
Total Oil India Ltd		188.10		25.90	24.52	265.49	254.77
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.54	0.50	5.53	4.63
DVC							
DVC	West Bengal	0.08	Solar	0.01	0.01	0.06	2.98
DVC	Jharkhand	4.00	Small Hydro	1.29	2.71	1.30	17.83
Total DVC		4.08		1.30	2.72	1.36	20.82
All India Total		3814.93		514.67	265.95	4495.24	2765.27

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 January 2023				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual- Schedule) in MU.
NORTHERN REGION				
ABC RENEWABLE ENERGY	Solar	63.63	60.64	-2.99
ACME HEERGARH POWERT	Solar	46.97	44.43	-2.54
ACME CHITTORGARH ENERGY PVT LTD	Solar	47.91	45.60	-2.31
ADANI HYBRID	Solar	107.08	99.03	-8.05
ADANI HYBRID FOUR	Solar	256.42	242.84	-13.57
ADANI HYBRID THREE	Solar	84.60	78.89	-5.71
ADANI HYBRID TWO	Solar	87.93	82.76	-5.17
Adani RERJL	Solar	41.11	39.17	-1.94
Adani SE Jaisalmer One	Solar	115.71	108.17	-7.54
ADANI SE JODHPUR 2 L	Solar	10.64	9.90	-0.74
Adani SE4PL	Solar	10.29	9.51	-0.78
Adani SEJ5PL	Solar	39.35	36.85	-2.51
Adani SERJ1PL	Solar	61.08	59.36	-1.72
AURAIYA SOLAR	Solar	4.33	3.97	-0.36
AVAADA RJHN	Solar	46.17	41.49	-4.68
AVAADA SUNCE	Solar	66.67	59.86	-6.81
AVAADA SUNRAYS	Solar	59.40	57.36	-2.05
AVAADA SUSTAINABLE	Solar	58.25	52.80	-5.44
AYANA RENEWABLE ONE	Solar	59.06	57.29	-1.77
AZURE FORTY ONE	Solar	59.26	56.21	-3.05
AZURE FORTY THREE	Solar	119.37	113.03	-6.34
AZURE POWER MAPLE	Solar	31.14	28.66	-2.48
AZURE POWER THIRTY Four	Solar	23.77	23.31	-0.45
AZURE SOLAR	Solar	34.04	33.86	-0.18
CLEAN SOLAR POWER	Solar	50.22	48.00	-2.23
CLEAN SOLAR POWER (BHADLA) PVT LTD	Solar	63.90	59.17	-4.73
DADRI SOLAR	Solar	0.41	0.36	-0.05
DEVIKOT	Solar	40.38	40.62	0.24
EDEN RENEWABLE	Solar	65.02	63.20	-1.82
KOLYAT SOLAR BIKANER	Solar	78.07	74.50	-3.57
MAHINDRA RPL	Solar	51.54	49.13	-2.41
MEGA SURYAURJA	Solar	47.49	45.16	-2.33
NIDAN SOLAR FATEHGAR	Solar	58.97	59.71	0.73
NOKHRA	Solar	23.22	21.25	-1.97
RENEW JHARKHAND	Solar	61.72	60.08	-1.64
RENEW SOLAR	Solar	10.04	9.36	0.00
RENEW SOLAR URJA	Solar	60.69	58.60	0.00
RENEW SUN BRIGHT	Solar	60.35	58.63	-1.72
RENEW SUN WAVES	Solar	61.73	59.75	-1.98
RENEW SURYA RAVI	Solar	27.51	25.35	-2.16
RENEW SOLAR POWER PVT LTD. BIKANER	Solar	46.47	44.55	-1.92
SBSR POWER CLEANTECH	Solar	40.66	38.56	-2.10

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of January 2023				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual- Schedule) in MU.
SINGRAULI SOLAR	Solar	1.73	1.53	-0.19
TATA POWER GREEN ENERGY	Solar	41.83	36.99	-4.84
TATA SOLAR	Solar	62.48	56.64	-5.85
THAR SURYA 1	Solar	41.86	36.99	-4.87
UNCHAHAH SOLAR	Solar	1.01	0.82	-0.19
WESTERN REGION				
ALFNAR WIND	Wind	78.84	67.50	-11.35
ARINSUN SOLAR (BARSAITADESH)	Solar	41.69	40.01	-1.67
AVIKIRAN SOLAR INDIA PRIVATE LIMITED (ASIPL)	Wind	58.72	52.43	-6.29
ACME SOLAR (RAMNAGAR)	Solar	43.72	40.80	-2.92
Adani Green Energy Mp Ltd(Dayapar)	Solar	153.12	128.59	-24.54
AWEMP1PL_PTNGR_IDR_W	Solar	81.67	71.36	-10.32
ESPL RSP SOLAR	Solar	42.69	41.61	-1.09
GANDHAR_SOLAR	Solar	1.91	1.99	0.09
GIPCL RSP SOLAR	Solar	22.44	21.97	-0.47
GIWEL-III WIND (NARANPAR)	Wind	87.11	76.72	-10.40
GIWEL-II WIND (VADVA)	Wind	78.49	69.59	-8.89
GSECL	Solar	12.27	12.63	0.36
IWISL WIND (DAYAPAR)	Wind	47.25	38.17	-9.08
NTPC KAWAS	Solar	10.31	9.56	-0.74
MAHINDRA SOLAR (BADWAR)	Solar	42.24	39.38	-2.87
OSTRO WIND (KUTCH)	Wind	105.25	93.58	-11.67
POWERICA	Wind	15.18	13.50	-1.67
RENEW SOLAR (BHUVAD)	Wind	79.05	69.40	-9.66
RENEW AP2 WIND(GHADSISA)	Wind	104.99	94.10	-10.89
SITAC WIND	Wind	61.59	54.91	-6.67
Sholapur Solar-Schedule	Solar	1.28	1.22	-0.05
SRIJAN WIND	Wind	20.86	17.41	-3.45
TPREL RSP SOLAR	Solar	22.04	21.28	-0.76
SOUTHERN REGION				
BEETAM	Wind	44.33	38.27	-6.06
GIREL	Wind	66.22	58.89	-7.33
MYTRAH	Wind	40.39	33.35	-7.04
ORANGE	Wind	45.04	42.94	-2.10
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Wind	34.25	26.38	-7.87
GRTJIPL	Wind	28.96	26.63	-2.34

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 January 2023							
State/UT	Fossil			Non Fossil		Grand Total	Non Fossil as % of Total Generation
	Thermal	Gas	Nuclear	Hydro (Large)	Renewable Energy		
NORTHERN REGION							
Chandigarh	0.00	0.00	0.00	0.00	0.72	0.72	100.00
Delhi	0.00	308.73	0.00	0.00	44.15	352.88	11.10
Haryana	2944.56	0.00	0.00	0.00	83.18	3027.74	4.16
HP	0.00	0.00	0.00	1317.62	98.12	1415.74	100.00
J & K	0.00	0.00	0.00	456.09	16.12	472.21	100.00
Ladakh	0.00	0.00	0.00	13.99	0.00	13.99	100.00
Punjab	3044.98	0.00	0.00	309.67	377.40	3732.05	20.96
Rajasthan	5158.46	133.96	465.74	131.31	3492.96	9382.43	45.80
Uttar Pradesh	13129.62	39.92	329.92	129.78	908.37	14537.61	6.39
Uttarakhand	0.00	0.00	0.00	852.11	77.81	929.92	100.00
Northern Region Total	204400.95	5076.11	7549.95	67241.15	5098.82	33865.28	35.13
WESTERN REGION							
Chhattisgarh	13540.39	0.00	0.00	3.73	215.57	13759.69	1.52
Gujarat	4112.53	93.27	337.44	258.45	3148.34	7950.03	41.59
Madhya Pradesh	11827.13	0.00	0.00	459.20	726.06	13012.39	10.90
Maharashtra	10926.17	216.26	779.33	440.34	1608.30	13970.40	20.59
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.29	1.29	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	336464.09	3414.37	9541.20	15732.26	5701.49	48695.73	16.73
SOUTHERN REGION							
Andhra Pradesh	5214.30	0.00	0.00	214.91	1269.96	6699.17	25.70
Telangana	4747.52	0.00	0.00	181.06	692.73	5621.31	22.11
Karnataka	3603.38	0.00	674.70	1055.36	2714.75	8048.19	60.43
Kerala	0.12	0.00	0.00	470.10	193.39	663.61	100.00
Tamil Nadu	4970.76	149.15	1531.79	648.23	1736.27	9036.20	43.62
Lakshadweep	4.80	0.00	0.00	0.00	0.01	4.81	1.78
Puducherry	0.00	16.30	0.00	0.00	1.02	17.32	5.02
Southern Region Total	153167.30	2164.57	16831.46	30078.95	6608.14	30090.62	41.24
EASTERN REGION							
Andaman Nicobar	26.17	0.00	0.00	0.00	2.91	29.08	16.77
Bihar	4698.08	0.00	0.00	0.00	40.86	4738.94	0.46
Jharkhand	2562.99	0.00	0.00	3.78	1.47	2568.24	1.17
Orissa	5686.66	0.00	0.00	337.87	91.67	6116.20	9.83
Sikkim	0.00	0.00	0.00	279.66	1.03	280.69	100.00
West Bengal	7868.36	0.00	0.00	237.63	145.43	8251.42	6.20
Eastern Region Total	175855.29	0.00	0.00	18465.82	283.38	21984.58	10.16

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of January 2023

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of January 2023							
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	178.34	0.26	178.60	100.00
Assam	442.90	289.54	0.00	18.49	26.66	777.59	8.83
Manipur	0.00	0.00	0.00	14.06	0.64	14.70	100.00
Meghalaya	0.00	0.00	0.00	30.45	3.51	33.96	100.00
Mizoram	0.00	0.00	0.00	16.14	8.26	24.40	100.00
Nagaland	0.00	0.00	0.00	4.78	3.69	8.47	100.00
Tripura	0.00	636.98	0.00	0.00	0.54	637.52	0.09
North Eastern Region Total	3816.98	7727.41	0.00	6385.43	43.56	1675.24	35.57
All India Total	873704.61	18382.46	33922.61	137903.61	17735.38	136311.44	26.22

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 January 2023							
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	0.72	0.72	100.00
Delhi	0.00	308.73	0.00	0.00	44.15	352.88	12.51
Haryana	2944.56	0.00	0.00	0.00	83.18	3027.74	2.75
HP	0.00	0.00	0.00	1317.62	98.12	1415.74	6.93
J & K	0.00	0.00	0.00	456.09	16.12	472.21	3.41
Ladakh	0.00	0.00	0.00	13.99	0.00	13.99	0.00
Punjab	3044.98	0.00	0.00	309.67	377.40	3732.05	10.11
Rajasthan	5158.46	133.96	465.74	131.31	3492.96	9382.43	37.23
Uttar Pradesh	13129.62	39.92	329.92	129.78	908.37	14537.61	6.25
Uttarakhand	0.00	0.00	0.00	852.11	77.81	929.92	8.37
Northern Region Total	204400.95	5076.11	7549.95	67241.15	5098.82	33865.28	15.06
WESTERN REGION							
Chhattisgarh	13540.39	0.00	0.00	3.73	215.57	13759.69	1.57
Gujarat	4112.53	93.27	337.44	258.45	3148.34	7950.03	39.60
Madhya Pradesh	11827.13	0.00	0.00	459.20	726.06	13012.39	5.58
Maharashtra	10926.17	216.26	779.33	440.34	1608.30	13970.40	11.51
Daman and Diu, Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.29	1.29	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	336464.09	3414.37	9541.20	15732.26	5701.49	48695.73	11.71
SOUTHERN REGION							
Andhra Pradesh	5214.30	0.00	0.00	214.91	1269.96	6699.17	18.96
Telangana	4747.52	0.00	0.00	181.06	692.73	5621.31	12.32
Karnataka	3603.38	0.00	674.70	1055.36	2714.75	8048.19	33.73
Kerala	0.12	0.00	0.00	470.10	193.39	663.61	29.14
Tamil Nadu	4970.76	149.15	1531.79	648.23	1736.27	9036.20	19.21
Lakshadweep	4.80	0.00	0.00	0.00	0.01	4.81	0.16
Puducherry	0.00	16.30	0.00	0.00	1.02	17.32	5.89
Southern Region Total	153167.30	2164.57	16831.46	30078.95	6608.14	30090.62	21.96
EASTERN REGION							
Andaman Nicobar	26.17	0.00	0.00	0.00	2.91	29.08	10.01
Bihar	4698.08	0.00	0.00	0.00	40.86	4738.94	0.86
Jharkhand	2562.99	0.00	0.00	3.78	1.47	2568.24	0.06
Orissa	5686.66	0.00	0.00	337.87	91.67	6116.20	1.50
Sikkim	0.00	0.00	0.00	279.66	1.03	280.69	0.37
West Bengal	7868.36	0.00	0.00	237.63	145.43	8251.42	1.76
Eastern Region Total	175855.29	0.00	0.00	18465.82	283.38	21984.58	1.29

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of January 2023

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	178.34	0.26	178.60	0.14
Assam	442.90	289.54	0.00	18.49	26.66	777.59	3.43
Manipur	0.00	0.00	0.00	14.06	0.64	14.70	4.33
Meghalaya	0.00	0.00	0.00	30.45	3.51	33.96	10.35
Mizoram	0.00	0.00	0.00	16.14	8.26	24.40	33.85
Nagaland	0.00	0.00	0.00	4.78	3.69	8.47	43.57
Tripura	0.00	636.98	0.00	0.00	0.54	637.52	0.08
North Eastern Region Total	3816.98	7727.41	0.00	6385.43	43.56	1675.24	2.60
All India Total	873704.61	18382.46	33922.61	137903.61	17735.38	136311.44	13.01

RE generation(MUs) data (source wise) for the month of January2023 and January2022														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22
NORTHERN REGION														
Chandigarh	0.00	0.00	0.72	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.99
Delhi	0.00	0.00	17.21	20.04	0.00	0.00	0.00	0.00	0.00	0.00	26.94	19.07	44.15	39.11
Haryana	0.00	0.00	12.02	54.17	31.34	11.81	10.87	20.95	24.36	20.60	4.59	3.28	83.18	110.81
Himachal Pradesh	0.00	0.00	4.10	3.31	0.00	0.00	0.00	0.00	94.02	51.91	0.00	0.00	98.12	55.22
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.12	18.20	0.00	0.00	16.12	18.20
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	245.95	82.02	54.96	52.95	39.15	42.90	37.34	19.05	0.00	0.01	377.40	196.93
Rajasthan	471.84	259.74	2983.92	1756.63	35.34	31.23	0.00	0.00	1.86	1.61	0.00	0.00	3492.96	2049.21
Uttar Pradesh	0.00	0.00	248.38	190.88	8.80	10.60	624.19	546.02	22.55	7.39	4.45	7.90	908.37	762.79
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	471.84	259.74	3539.94	2132.67	130.44	106.59	694.92	630.13	225.70	145.54	35.98	30.26	5098.82	3304.92
WESTERN REGION														
Chhattisgarh	0.00	0.00	71.54	36.53	134.79	122.38	6.08	2.24	3.16	7.68	0.00	0.00	215.57	168.84
Gujarat	2119.95	1269.26	1005.16	653.29	0.00	0.00	2.87	3.11	20.35	22.10	0.00	0.00	3148.34	1947.75
Madhya Pradesh	346.41	233.02	300.84	328.85	10.61	8.26	22.17	21.87	43.28	18.47	2.75	3.45	726.06	613.92
Maharashtra	267.32	309.28	451.49	280.49	26.19	30.01	791.54	810.50	71.75	63.27	0.01	0.06	1608.30	1493.61
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.29	7.37	0.00	1.16	0.00	0.00	0.00	0.00	0.00	0.00	1.29	8.53
Goa	0.00	0.00	1.51	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.10	1.94	1.60
Western Region	2733.68	1811.56	1831.84	1308.04	171.59	161.81	822.67	837.72	138.54	111.52	3.18	3.61	5701.49	4234.25

RE generation(MUs) data (source wise) for the month of January2023 and January2022														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22
SOUTHERN REGION														
Andhra Pradesh	408.49	323.16	773.33	691.03	3.81	8.71	11.31	11.32	47.50	43.39	25.52	16.73	1269.96	1094.35
Telangana	21.07	20.33	625.68	568.90	0.04	8.88	28.32	23.10	3.33	7.58	14.30	18.33	692.73	647.12
Karnataka	644.56	459.06	1379.44	1181.30	7.24	12.83	586.03	496.32	97.49	113.97	0.00	0.00	2714.75	2263.48
Kerala	7.50	6.28	150.51	48.54	0.00	0.00	6.55	4.33	28.84	41.38	0.00	0.00	193.39	100.54
Tamil Nadu	726.61	518.09	876.68	596.74	10.60	13.47	84.92	51.89	37.46	28.27	0.00	0.00	1736.27	1208.46
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	1808.23	1326.93	3806.66	3087.54	21.69	43.89	717.13	586.96	214.62	234.59	39.82	35.06	6608.14	5314.97
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.92	1.89	0.00	0.00	0.00	0.00	0.99	0.86	0.00	0.00	2.91	2.75
Bihar	0.00	0.00	12.61	11.43	0.00	0.00	27.26	20.46	0.99	1.32	0.00	0.00	40.86	33.20
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	62.42	51.58	7.74	9.40	0.00	0.00	21.52	16.14	0.00	0.00	91.67	77.12
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	9.50	7.35	0.00	0.00	0.00	0.00	14.94	1.76	120.99	145.53	145.43	154.64
Eastern Region	0.00	0.00	87.91	73.65	7.74	9.40	27.26	20.46	39.47	23.67	120.99	145.53	283.38	272.70

RE generation(MUs) data (source wise) for the month of January2023 and January2022														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22	Jan'23	Jan'22
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
Assam	0.00	0.00	22.03	7.89	0.00	0.00	0.00	0.00	4.63	2.82	0.00	0.00	26.66	10.71
Manipur	0.00	0.00	0.64	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.52
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.51	3.99	0.00	0.00	3.51	3.99
Mizoram	0.00	0.00	0.27	0.09	0.00	0.00	0.00	0.00	7.99	3.01	0.00	0.00	8.26	3.10
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.69	3.70	0.00	0.00	3.69	3.70
Tripura	0.00	0.00	0.54	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.57
North Eastern Region	0.00	0.00	23.66	9.19	0.00	0.00	0.00	0.00	19.89	13.56	0.00	0.00	43.56	22.75
All India Total	5013.74	3398.23	9290.01	6611.09	331.45	321.69	2261.97	2075.27	638.23	528.88	199.97	214.45	17735.38	13149.60

Table 7: Monthly Source wise RE generation January-2023 and January-2022

Table 8: Cumulative Source wise RE generation year 2022-23 and 2021-22 (up to January-2023 and January -2022)

RE generation(MUs) data (Source wise) for the year 2022-23(up to Jan 23) & year 2021-22(up to Jan 22)														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23--	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-
NORTHERN REGION														
Chandigarh	0.00	0.00	9.75	12.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.75	12.21
Delhi	0.00	0.00	201.69	185.76	0.00	0.00	0.00	0.00	0.00	0.00	225.37	197.04	427.06	382.81
Haryana	0.00	0.00	460.67	446.94	303.65	133.45	161.18	55.64	217.50	225.67	53.71	16.53	1196.71	878.23
Himachal Pradesh	0.00	0.00	50.69	37.09	0.00	0.00	0.00	0.00	2653.15	1806.12	0.00	0.00	2703.84	1843.21
J & K	0.00	0.00	0.00	1.71	0.00	0.00	0.00	0.00	343.15	356.53	0.00	0.00	343.15	358.24
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	2165.74	1222.03	397.57	479.52	123.39	123.29	587.03	925.26	0.00	0.23	3273.73	2750.34
Rajasthan	5467.08	5699.34	28104.14	12736.28	331.44	313.16	0.00	0.00	5.09	4.69	0.00	0.00	33907.75	18753.47
Uttar Pradesh	0.00	0.00	2945.98	2274.16	54.37	66.25	2144.13	2139.47	195.15	121.79	46.48	20.40	5386.11	4622.07
Uttarakhand	0.00	0.00	276.50	246.30	0.00	0.00	207.10	202.60	294.50	267.80	0.00	0.00	778.10	716.70
Northern Region	5467.08	5699.34	34215.17	17162.48	1087.02	992.38	2635.80	2521.00	4295.57	3707.87	325.56	234.20	48026.20	30317.28
WESTERN REGION														
Chhattisgarh	0.00	0.00	482.98	343.54	954.35	1071.09	11.01	4.57	140.95	174.99	0.00	0.00	1589.29	1594.19
Gujarat	17062.81	15478.65	8215.84	5345.47	0.00	0.00	5.76	15.19	165.11	148.30	2.24	0.00	25451.76	20987.62
Madhya Pradesh	4000.28	3792.22	3155.93	3177.39	20.84	11.88	69.46	44.87	301.10	190.68	29.21	26.88	7576.80	7243.91
Maharashtra	6553.88	6504.46	3441.24	2583.63	194.42	266.28	3402.56	2905.76	648.18	629.53	0.37	0.11	14240.65	12889.78
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	24.46	67.76	3.22	10.07	0.00	0.00	0.00	0.00	0.00	0.00	27.69	77.82
Goa	0.00	0.00	11.84	11.80	0.00	0.00	0.00	0.00	0.00	0.00	4.24	0.27	16.08	12.08
Western Region	27616.97	25775.33	15332.28	11529.59	1172.82	1359.32	3488.80	2970.39	1255.34	1143.50	36.07	27.26	48902.27	42805.40

RE generation(MUs) data (Source wise) for the year 2022-23(up to Jan 23) & year 2021-22(up to Jan 22)														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23--	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-
SOUTHERN REGION														
Andhra Pradesh	6691.66	6398.16	6601.74	6335.67	49.38	88.33	80.72	47.44	332.60	314.16	231.60	94.91	13987.70	13278.68
Telangana	244.61	238.11	5428.40	5248.60	21.41	93.60	87.14	61.31	86.20	77.93	133.77	193.75	6001.54	5913.30
Karnataka	8657.01	8561.39	11363.08	10613.14	96.57	152.22	2281.26	2425.70	2154.03	2282.45	0.00	0.00	24551.95	24034.90
Kerala	165.18	118.81	697.67	392.66	0.00	0.00	52.08	40.98	767.45	792.32	0.00	0.00	1682.38	1344.77
Tamil Nadu	15703.60	14734.34	7505.74	5785.38	106.09	96.10	627.90	433.19	268.73	265.87	0.00	0.00	24212.06	21314.89
Lakshadweep	0.00	0.00	0.09	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.28
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	10.20	10.20
Southern Region	31462.05	30050.81	31606.92	28385.93	273.45	430.26	3129.10	3008.62	3609.02	3732.73	365.37	288.66	70445.91	65897.01
EASTERN REGION														
Andaman Nicobar	0.00	0.00	19.49	17.50	0.00	0.00	0.00	0.00	12.94	11.78	0.00	0.00	32.43	29.28
Bihar	0.00	0.00	139.53	130.20	0.00	2.14	62.89	42.97	10.90	5.83	0.00	0.00	213.32	181.14
Jharkhand	0.00	0.00	16.76	14.50	0.00	0.00	0.00	0.00	0.00	7.94	0.00	0.00	16.76	22.43
Orissa	0.00	0.00	571.62	476.83	49.88	83.83	0.00	0.00	383.50	346.78	0.00	0.00	1005.00	907.44
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	10.30	10.30
West Bengal	0.00	0.00	101.50	77.92	0.00	0.00	0.00	0.00	181.55	138.72	1369.73	1325.63	1652.79	1542.27
Eastern Region	0.00	0.00	848.91	716.94	49.88	85.97	62.89	42.97	599.19	521.34	1369.73	1325.63	2930.59	2692.85

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23--	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-	Apr 22- Jan'23-	Apr 21- Jan '22-
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	21.93	1.39	0.00	0.00	0.00	0.00	2.40	0.31	0.03	0.00	24.35	1.71
Assam	0.00	0.00	174.20	60.73	0.00	0.00	0.00	0.00	56.72	35.03	0.00	0.00	230.92	95.76
Manipur	0.00	0.00	6.93	5.45	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	6.94	5.45
Meghalaya	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	63.92	37.22	0.00	0.00	63.92	37.68
Mizoram	0.00	0.00	2.68	1.51	0.00	0.00	0.00	0.00	43.07	20.39	0.00	0.00	45.75	21.90
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.76	57.03	0.00	0.00	105.76	57.03
Tripura	0.00	0.00	5.49	5.04	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	5.49	6.48
North Eastern Region	0.00	0.00	211.23	74.59	0.00	0.00	0.00	0.00	271.87	151.43	0.04	0.00	483.13	226.02
All India Total	64546.10	61525.49	82214.50	57869.53	2583.17	2867.92	9316.59	8542.98	10030.98	9256.86	2096.76	1875.76	170788.10	141938.55



This report is published by
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