



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

February-2023/ फरवरी-2023

नवीकरणीय परियोजना प्रबोधन प्रभाग

Renewable Project Monitoring Division

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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 February 2023

1. RE capacity addition during February 2023 has been 563.54MW (Solar -486.85MW and Wind -32.20 MW, Bio Power – 7.70 MW, Others (waste to energy)-33.34MW, Small Hydro -3.45MW).
2. RE generation during February 2023 has increased by 17.02 % as compared to February 2022.
3. Solar Power generation during February 2023 as compared to February 2022 has increased by 31.32% on All India basis in all states except Haryana, Delhi, Chandigarh, and Madhya Pradesh.
4. Wind Power generation during February 2023 as compared to February 2022 has increased by 0.62% on All India basis in all states except Rajasthan, Gujarat, Madhya Pradesh, Andhra Pradesh and Telangana.
5. Biomass Power generation during February 2023 as compared to February 2022 has increased by 5.51% on All India basis except Punjab, Uttar Pradesh, Maharashtra, Andhra Pradesh, Telangana and Karnataka.
6. Bagasse power generation during February 2023 as compared to February 2022 has decreased by 3.14% on All India basis except Punjab, Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Telangana and Bihar.
7. Others (Waste to Heat) Power generation has decreased by 12.34% during February 2023 as compared to February 2022.
8. Small Hydro Power generation during February 2023 as compared to February 2022 has decreased by 1.20% on All India basis except Jammu & Kashmir, Punjab, Uttar Pradesh, Gujarat, Madhya Pradesh, Andhra Pradesh, Odisha, West Bengal, Mizoram and Meghalaya.

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

Increased by 8.32 % as compared to February 22.

Decreased by 13.21 % as compared to January 23.

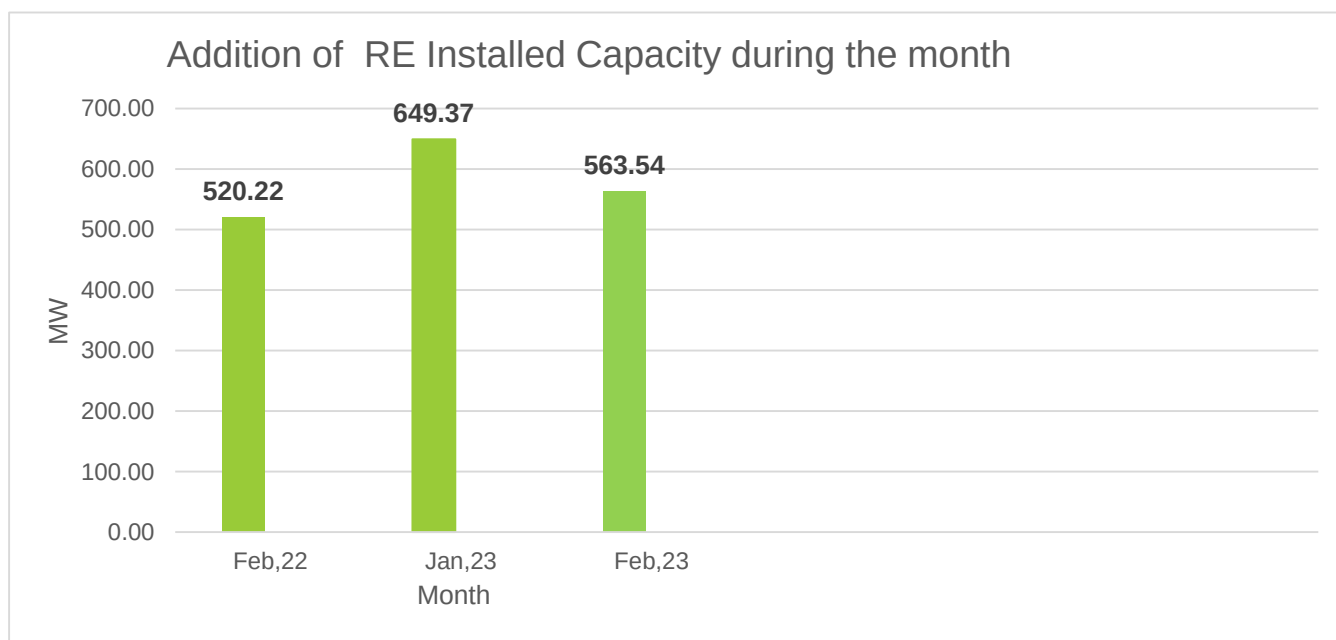


Figure 1: RE capacity added during the Month

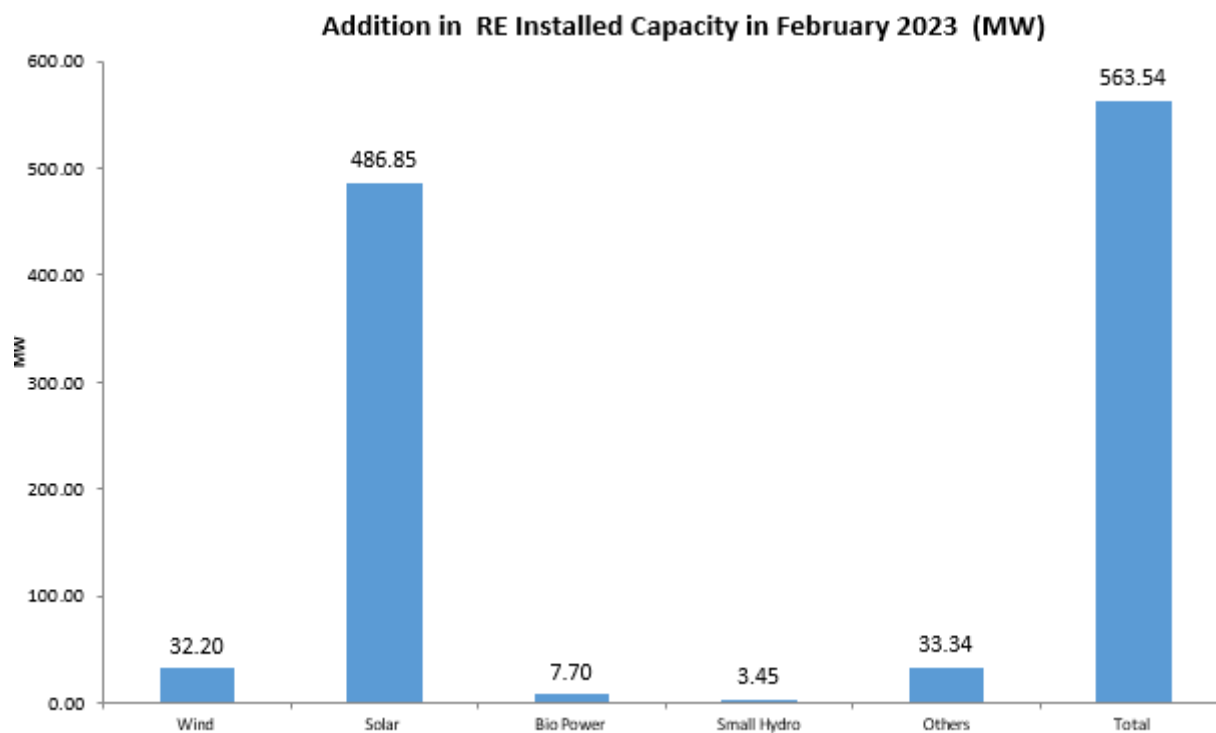


Figure 2: Source wise addition in RE Installed Capacity in February 23

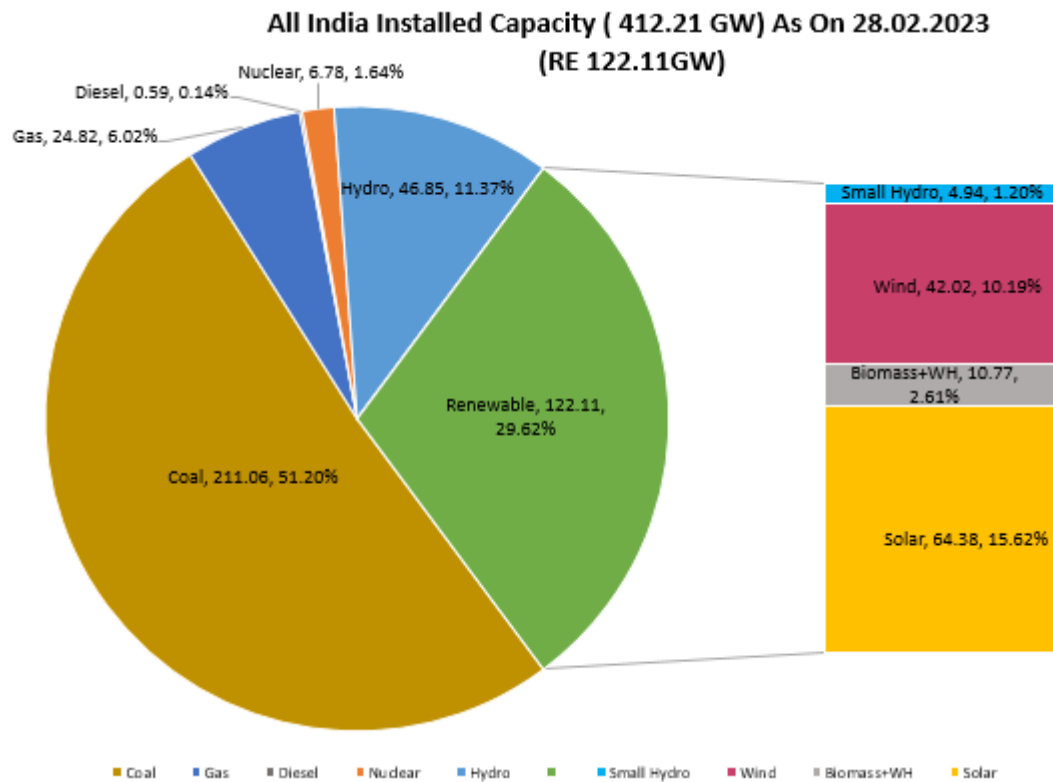


Figure 3: Installed Capacity in India as on 28.02.2023

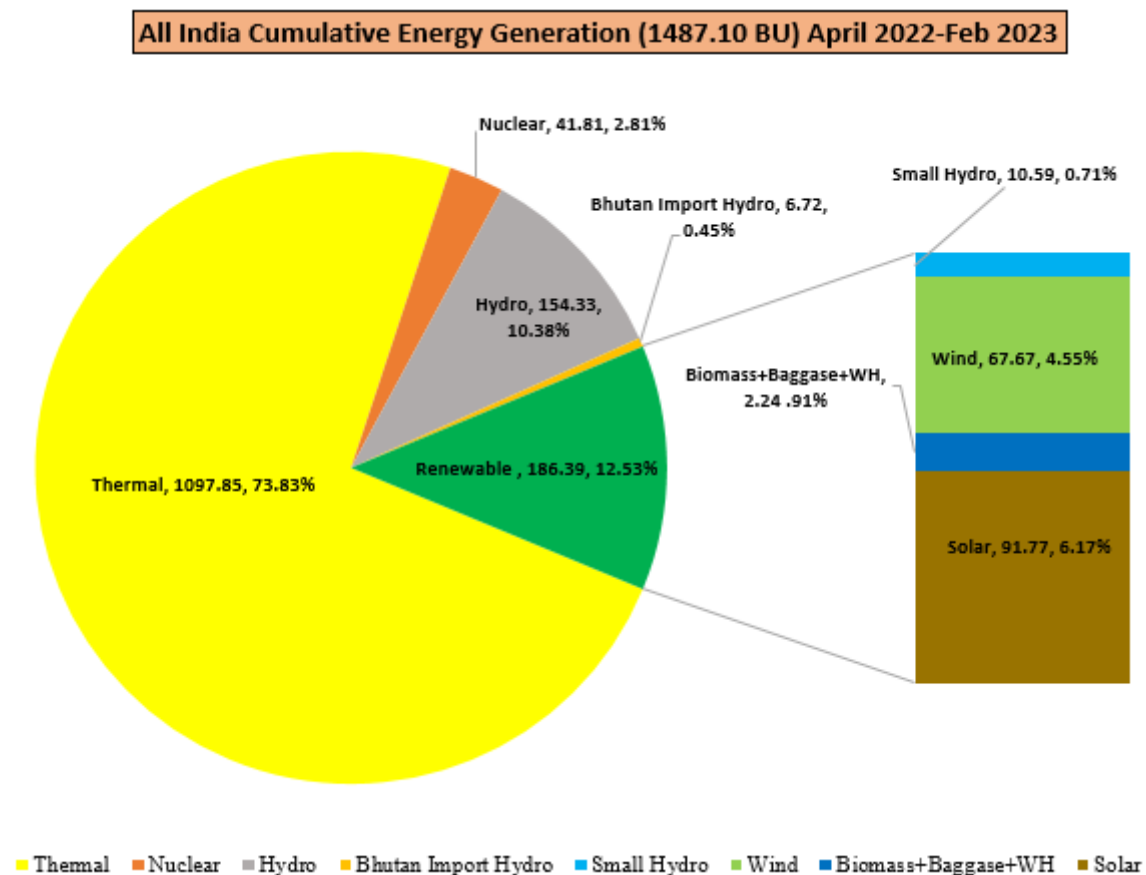


Figure 4: Cumulative Total Energy Generation in India and Share of RE for the year 2022-23(up to February-23).

All India Monthly Energy Generation (126.93 BU) Feb 2023

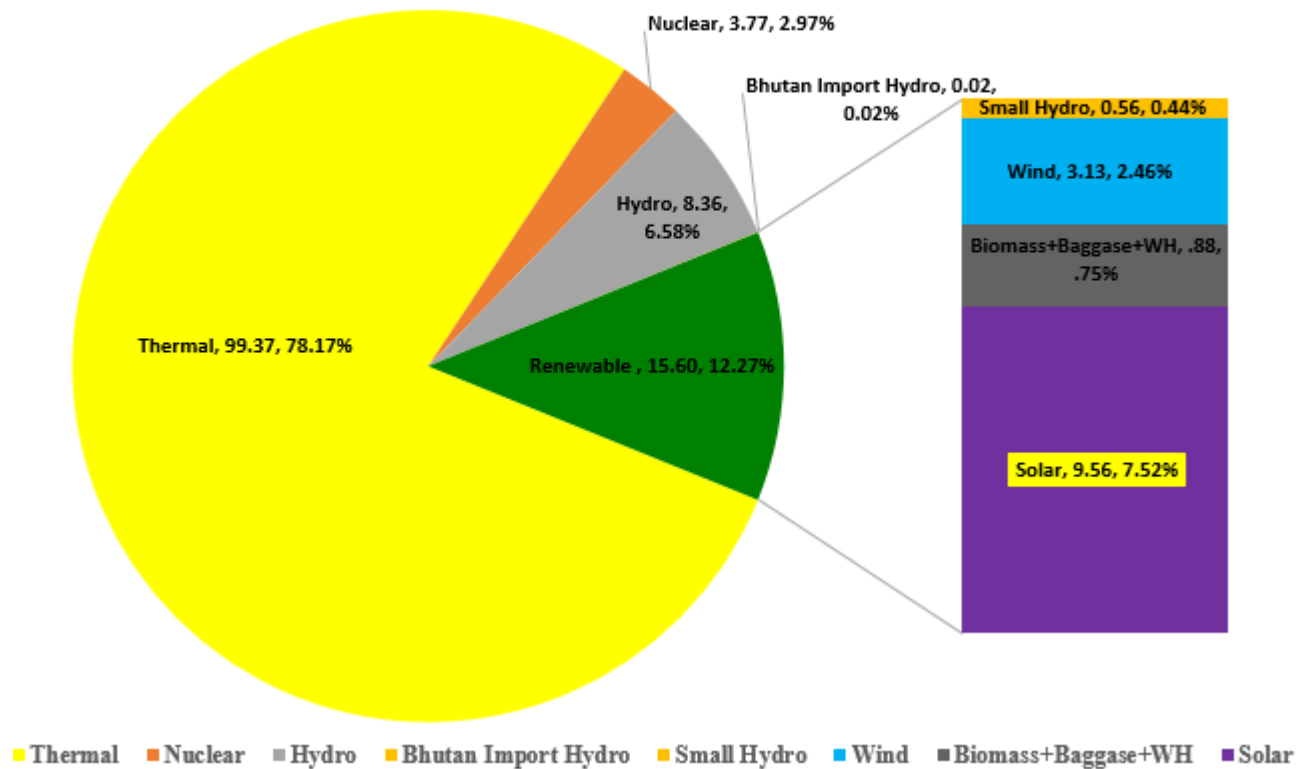


Figure 5: Total Energy Generation in India and Share of RE in the month of February-2023

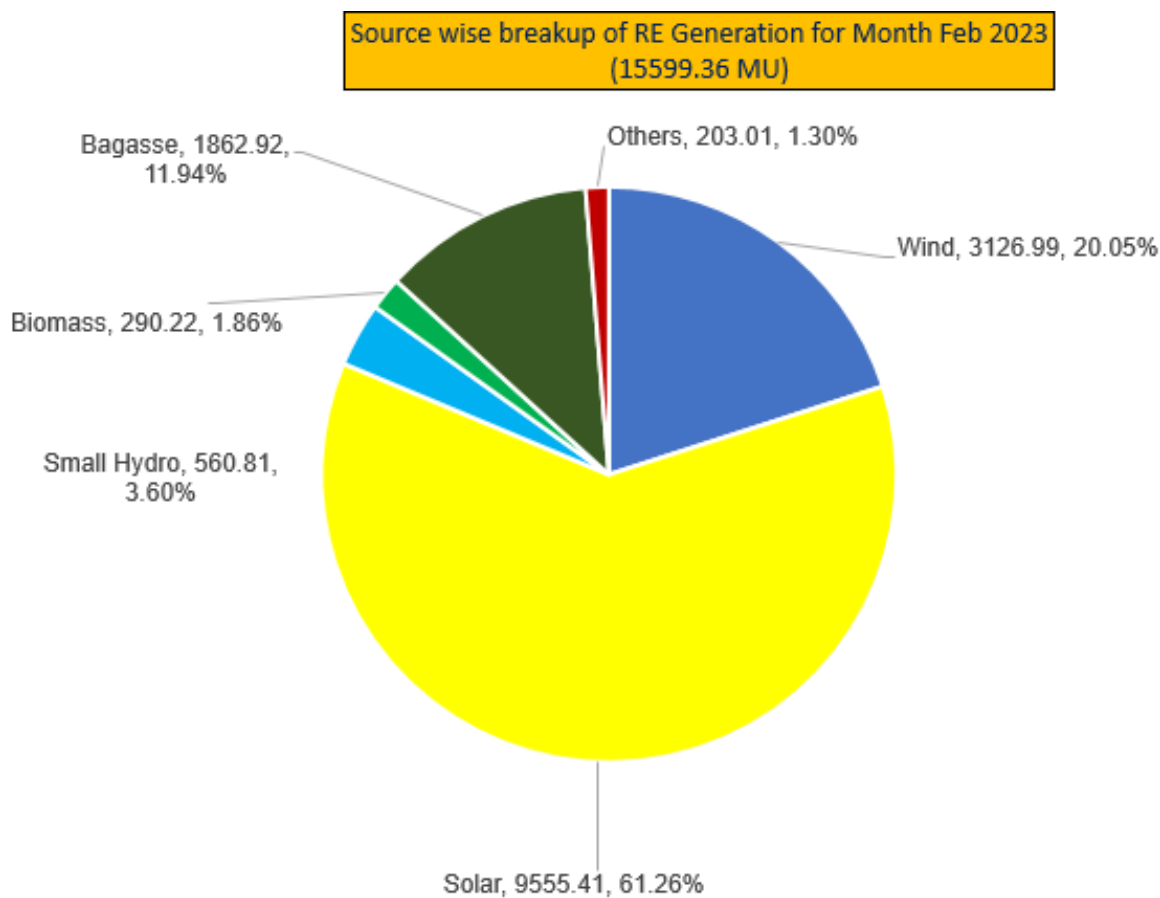


Figure 6: Source wise breakup of RE Generation in the month of February-2023

Source wise breakup of cumulative RE Generation for April 22- Feb 23
(186387.46 MU)

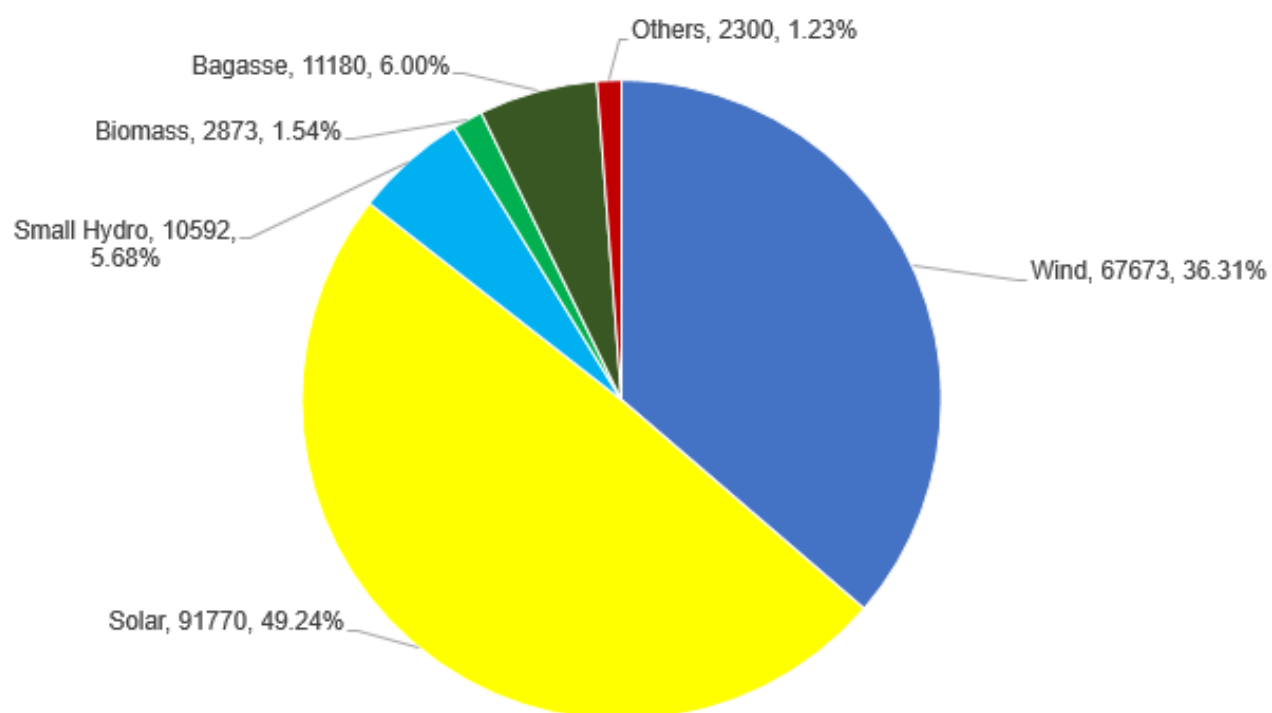


Figure 7: Source wise breakup of Cumulative RE Generation for the year 2022-23(up to February-23).

Summary of Renewable Energy Generation

Increased by 17.02% as compared to February'22

Decreased by 12.04% as compared to January'23.

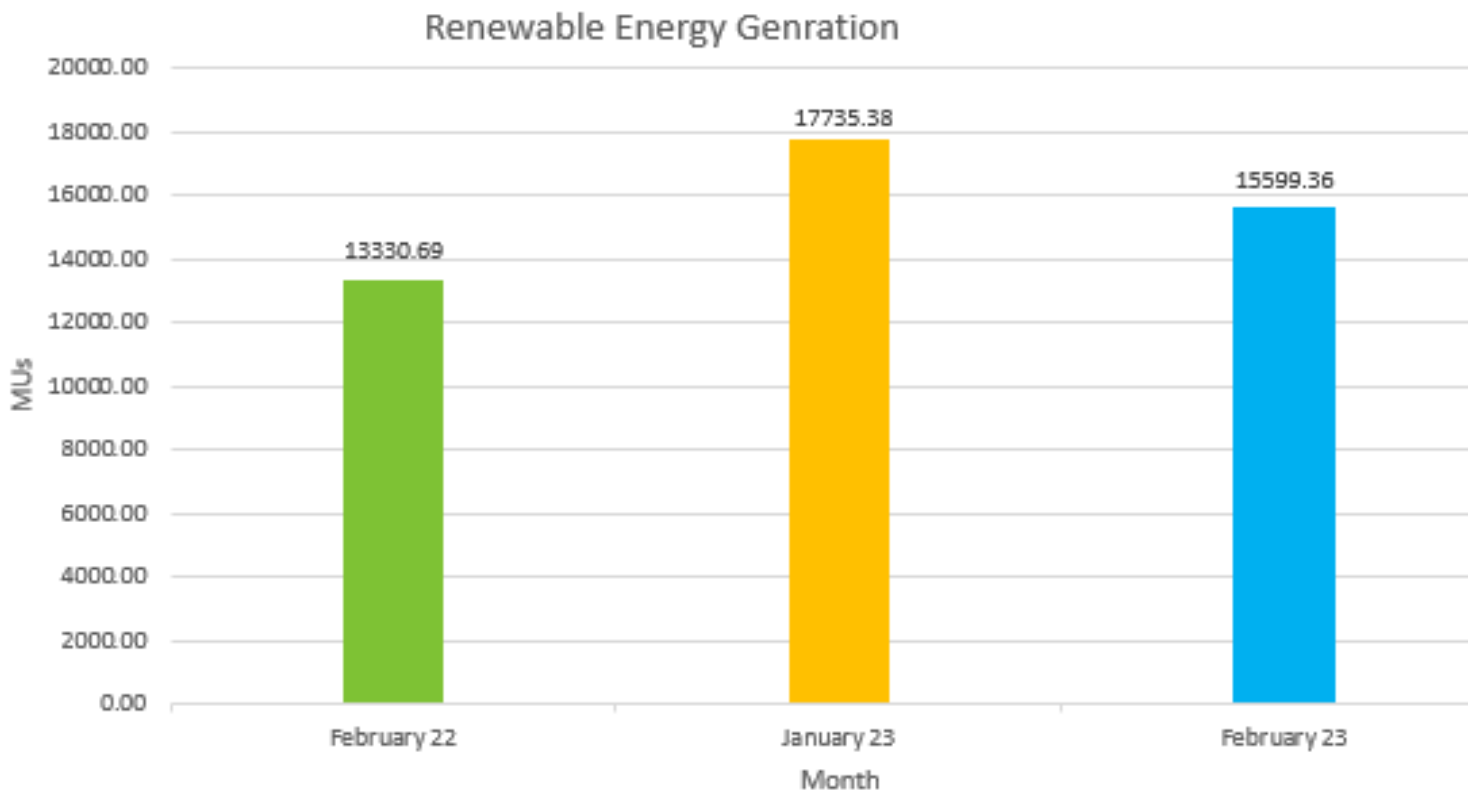


Figure 8: Renewable Energy Generation

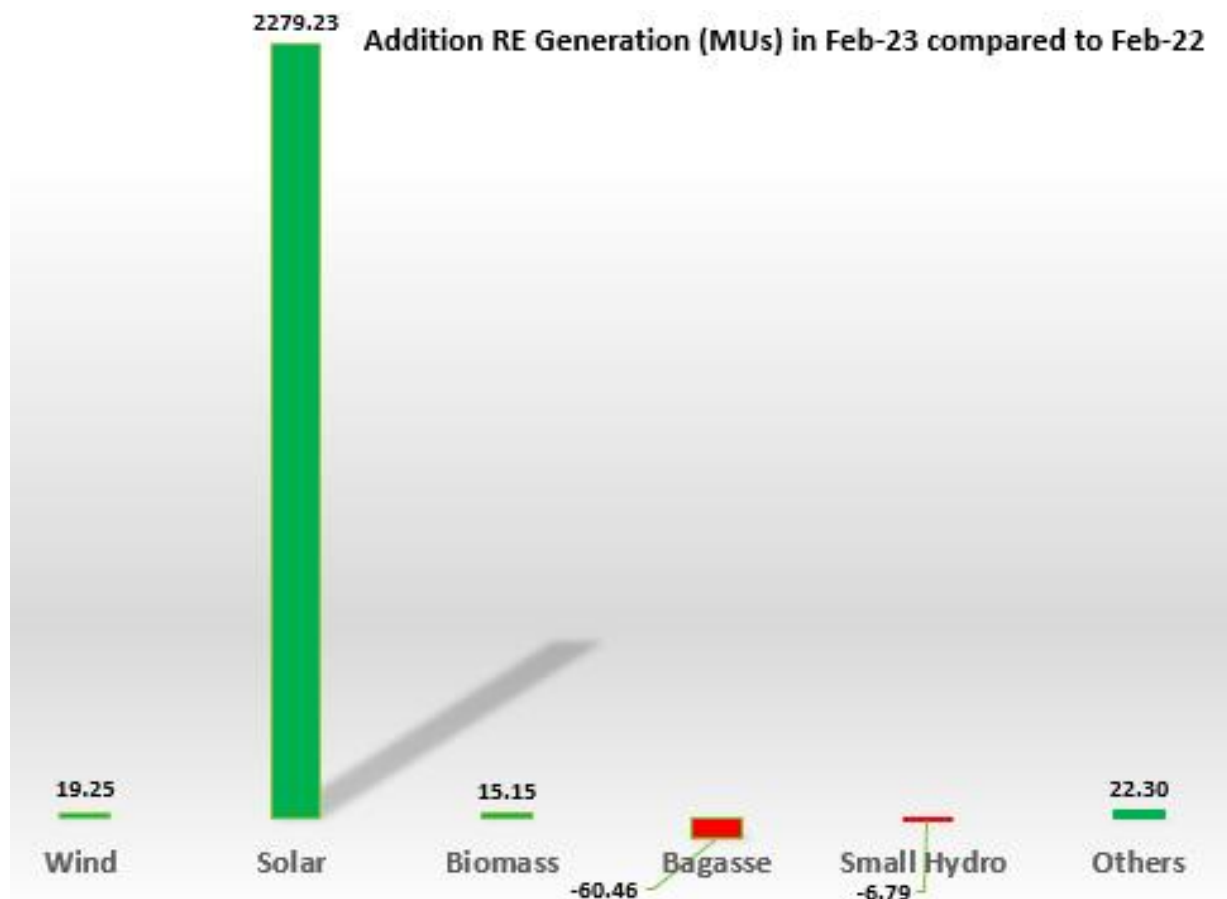


Figure 9: Additional RE Generation in February-23 as compared to February-22

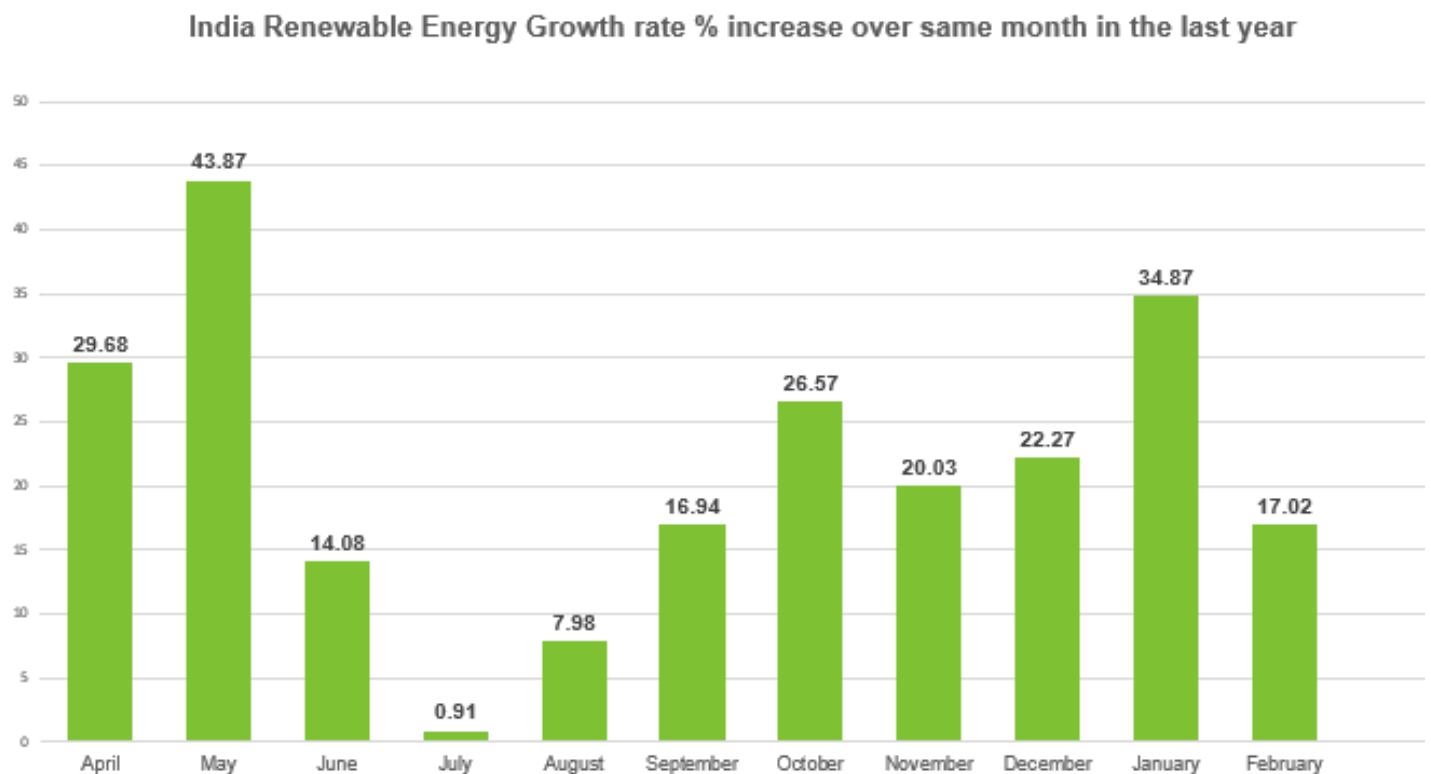


Figure 10: Month Wise Growth of RE Generation in year 2022-23 w.r.t to previous year Same Month.

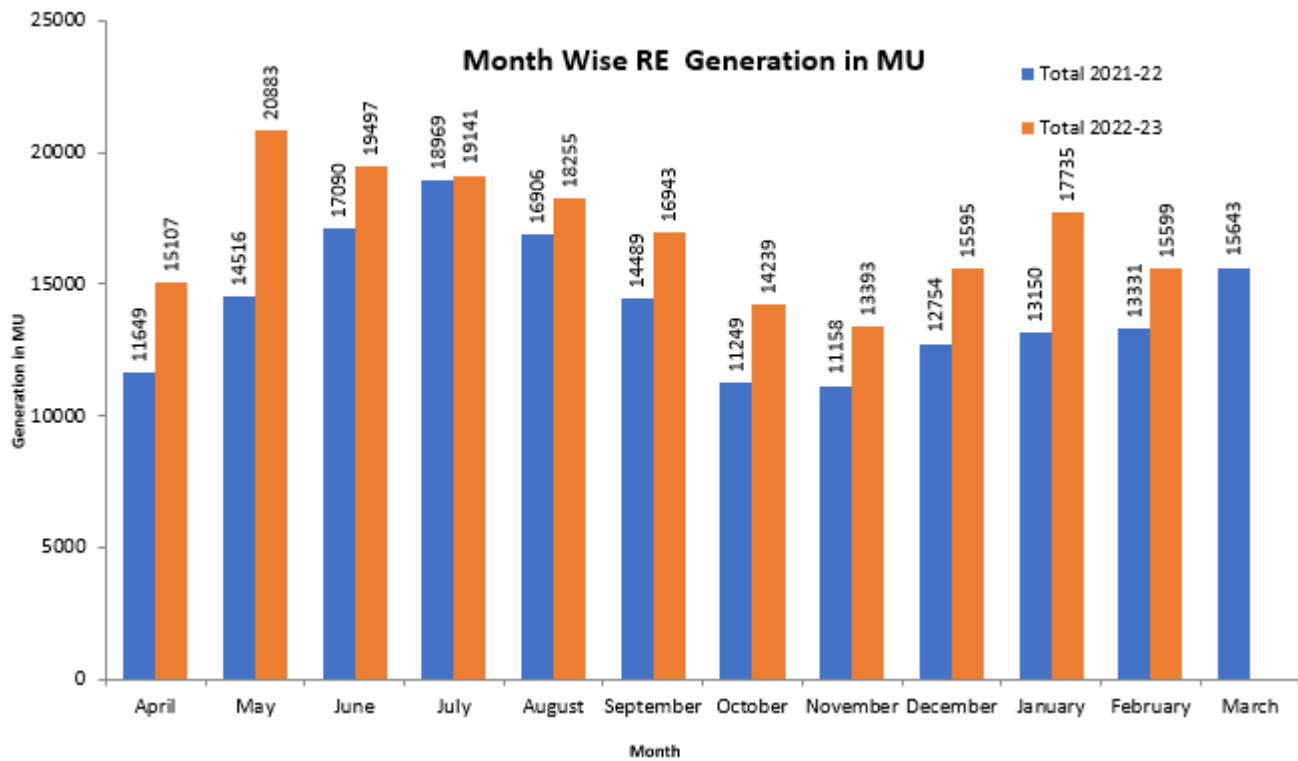


Figure 11: comparison of Month Wise RE Generation in year 2021-22 & in year 2022-23

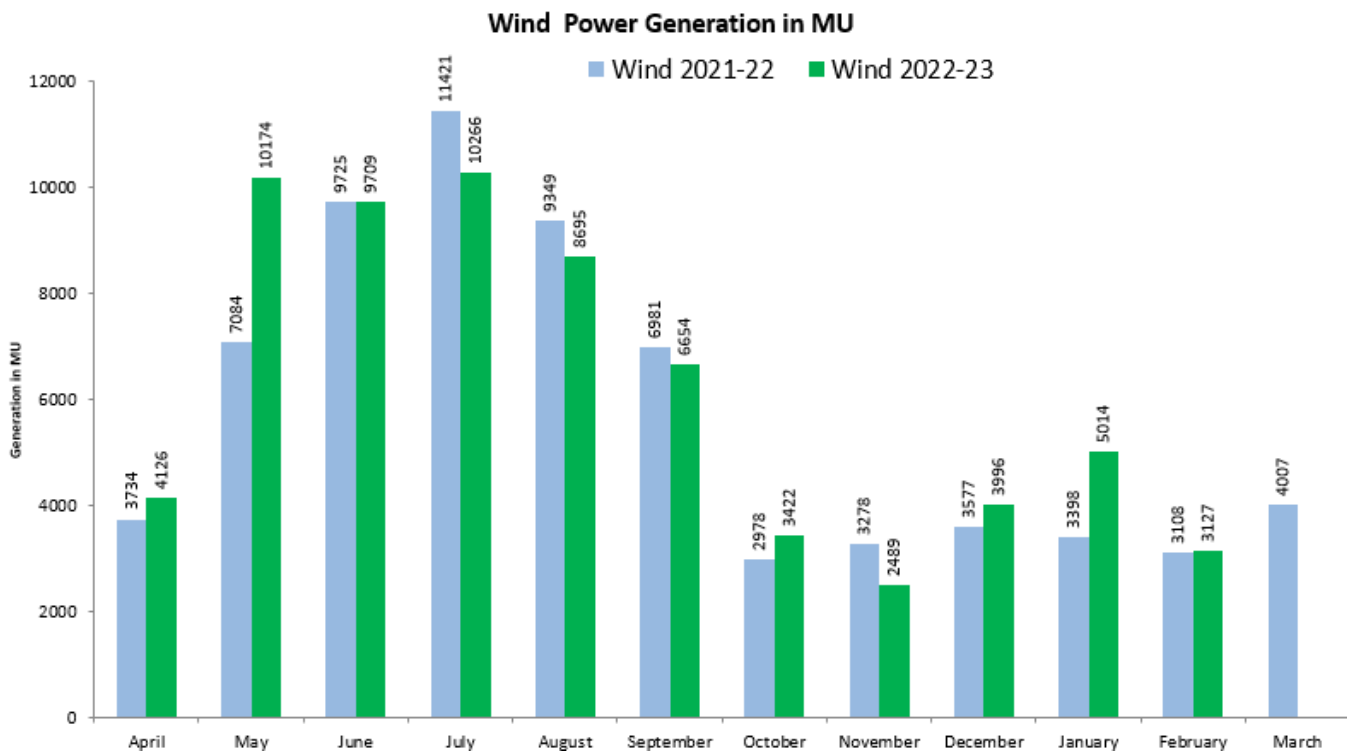


Figure 12: Month Wise Wind Power Generation for the year 2021-22 and year 2022-23.

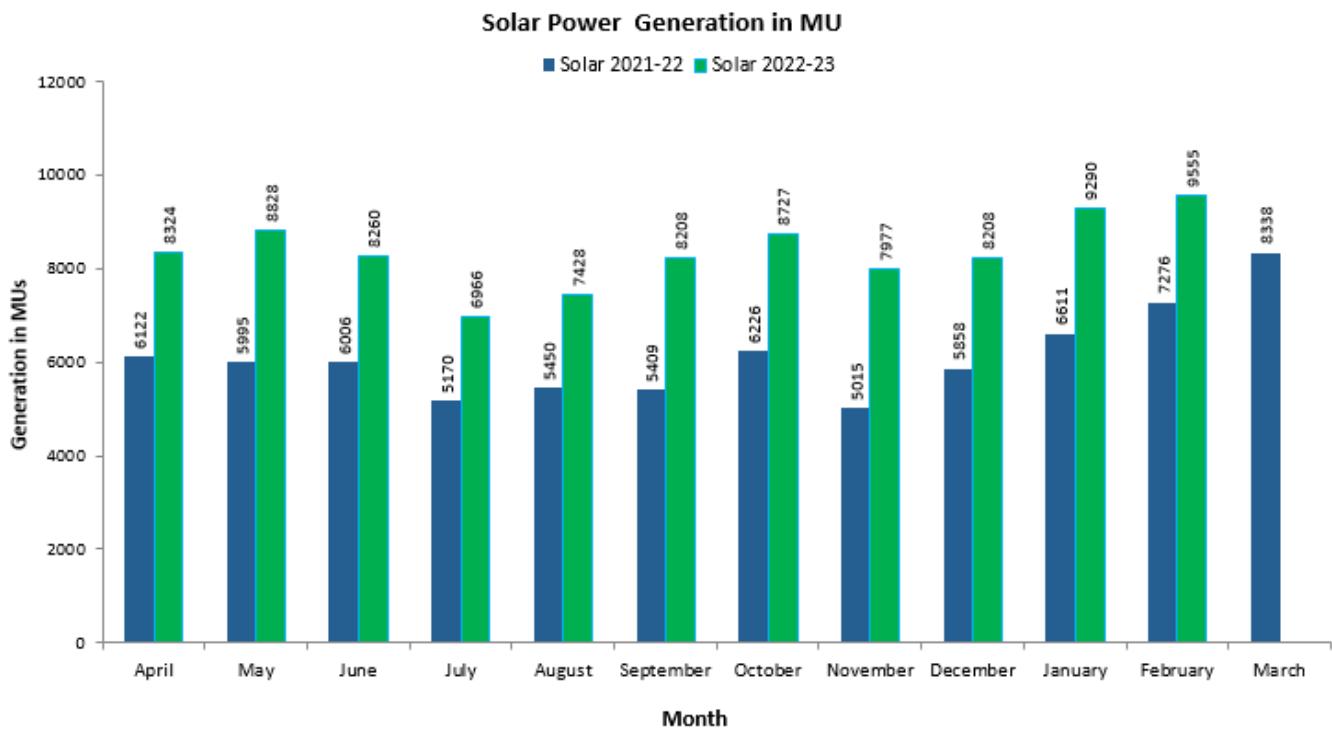


Figure 13: Month Wise Solar Power Generation for the year 2021-22 and year 2022-23.

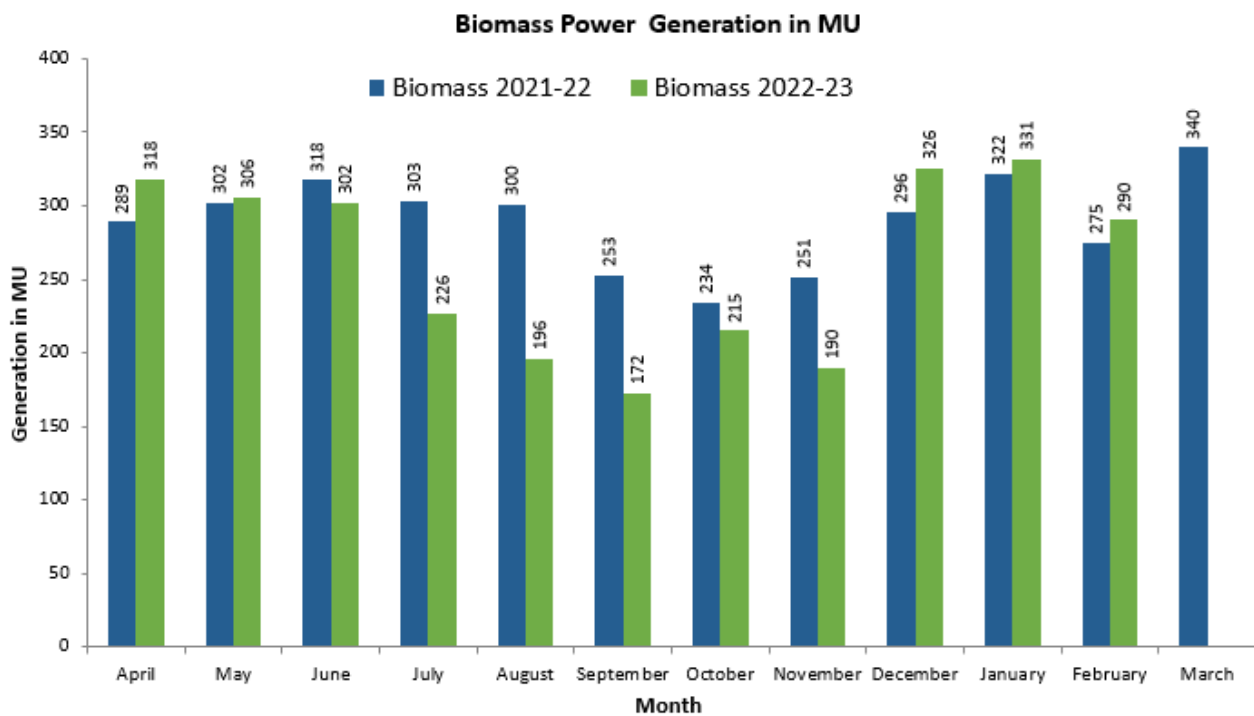


Figure 14: Month Wise Biomass Power Generation for the year 2021-22 and year 2022-23.

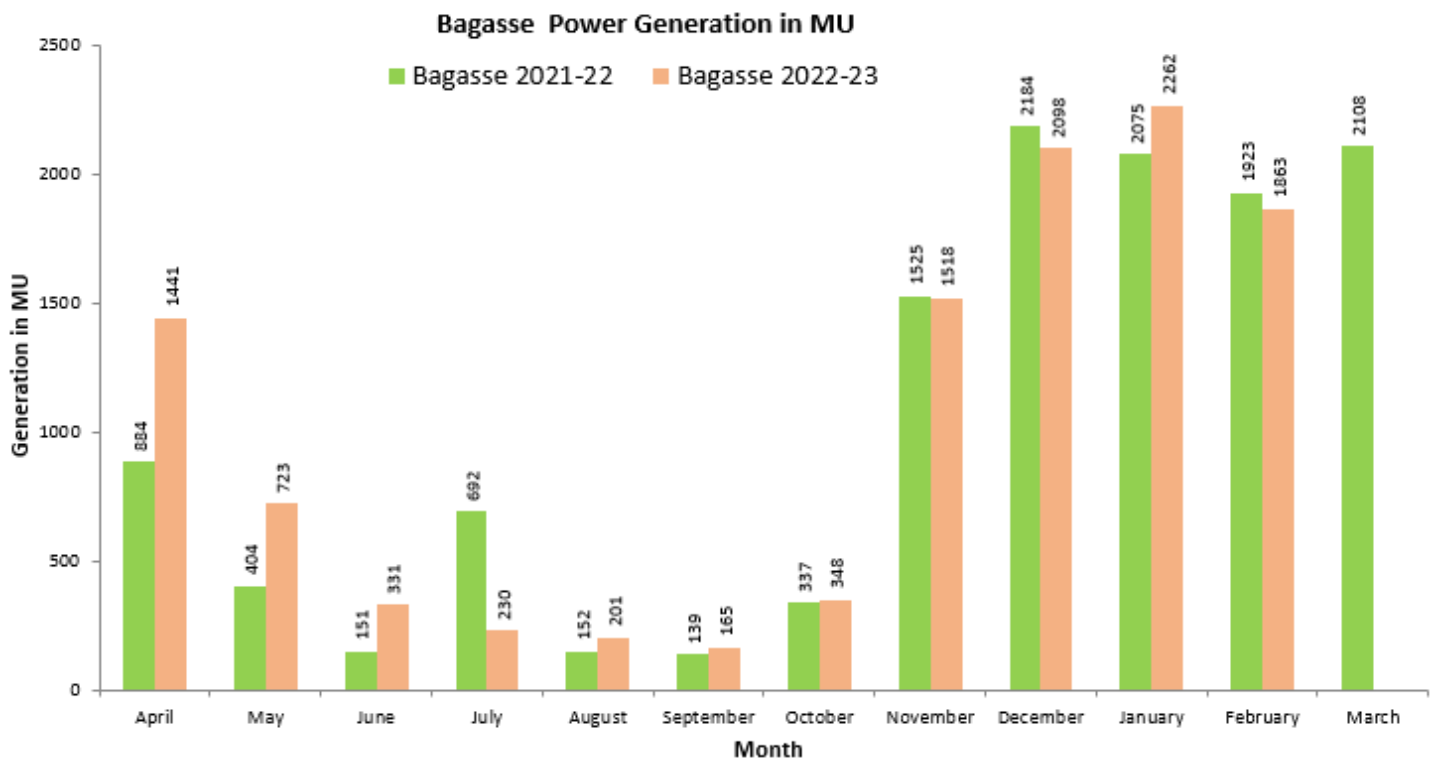


Figure 15: Month Wise Bagasse Power Generation for the year 2021-22 and year 2022-23.

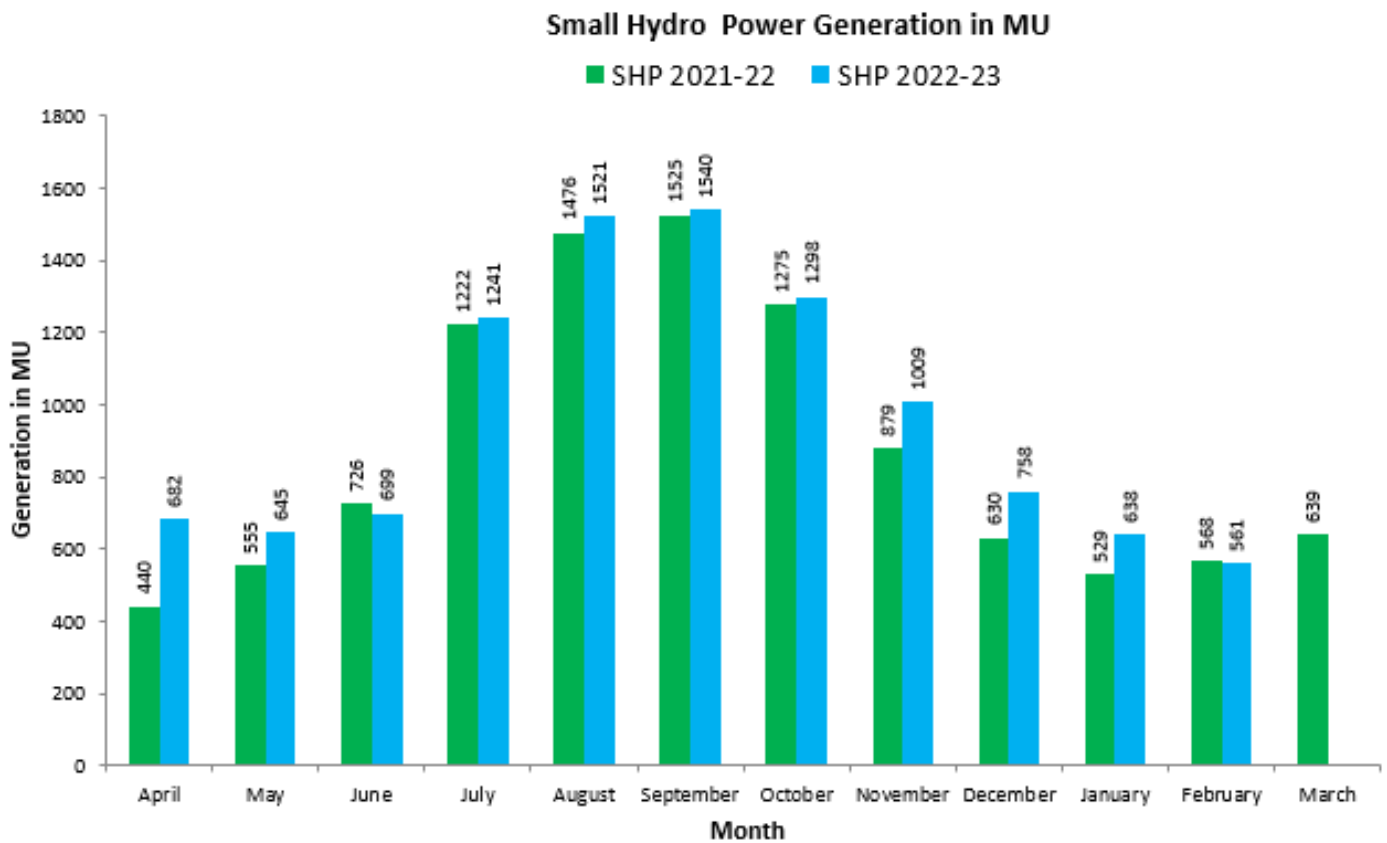


Figure 16: Month Wise Small Hydro Power Generation for the year 2021-22 and year 2022-23.

Power Generation from other RE sources in MU

■ Other 2021-22 ■ Other 2022-23

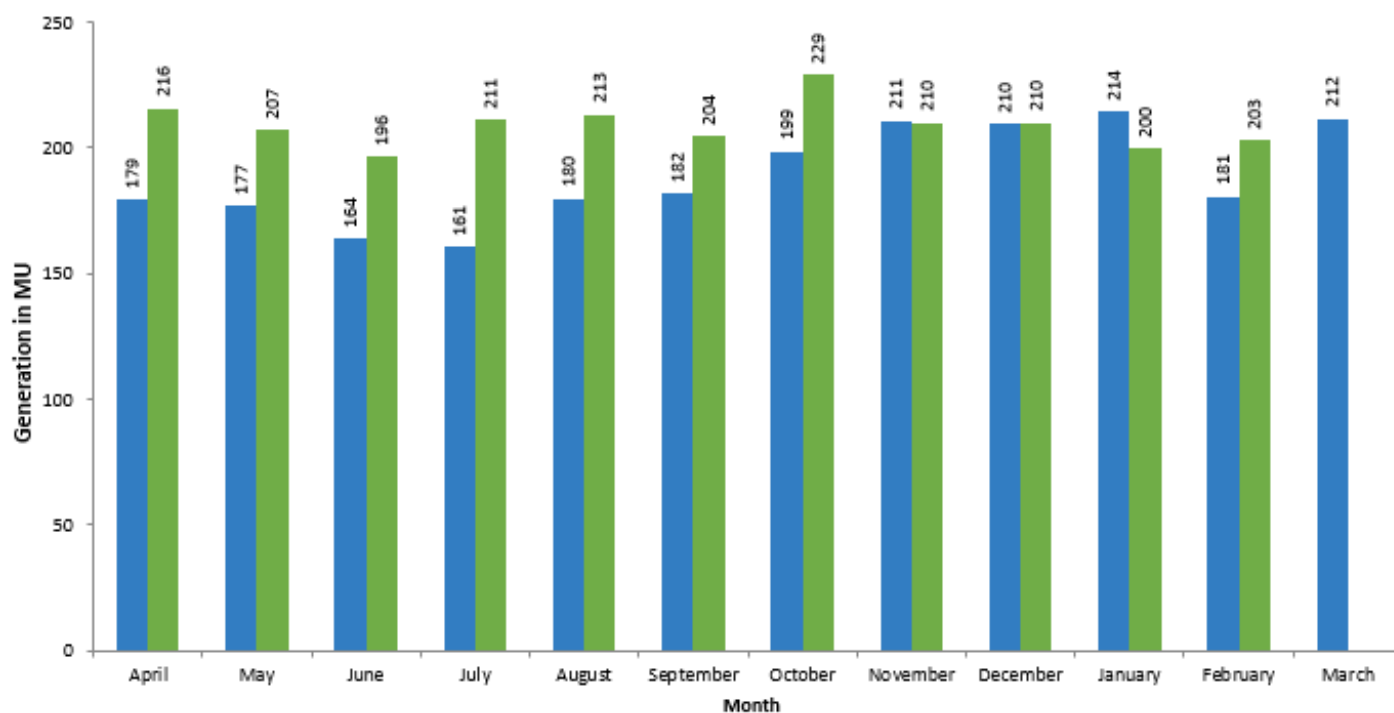
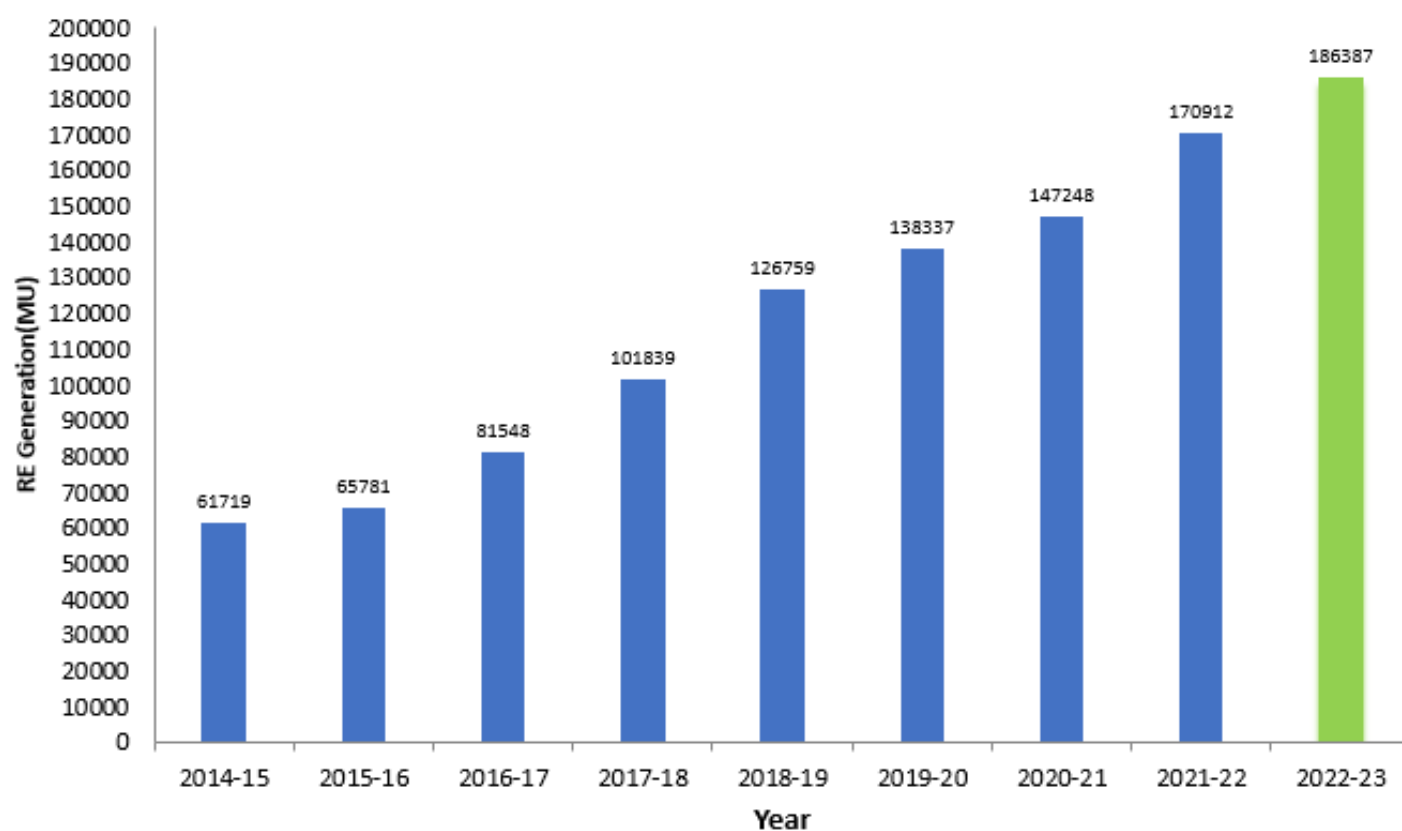


Figure 17: Month Wise Other RE (Waste Heat etc.) Power for the year 2021-22 and year 2022-23.

Year wise Generation of RE in MU



2022-23 Generation up to February 2023.

Figure 18: Year Wise RE Generation

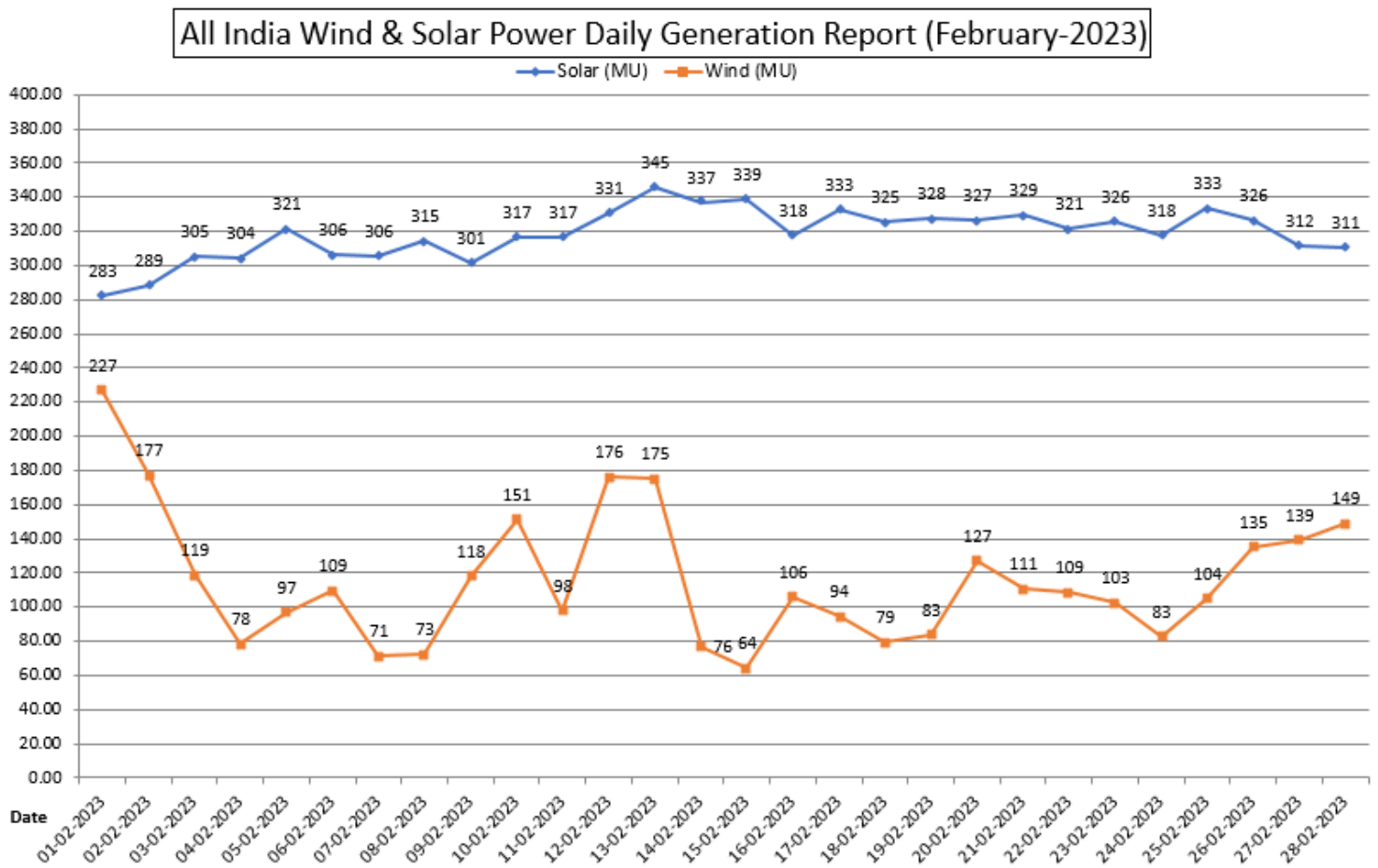


Figure 19: Daily solar and wind power generation trend in the month of February-2023

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	MNRE Installed Capacity (MW) (as on 28.02.2023)	Installed Capacity informed to CEA (MW) (as on 28.02.2023)	RE Generation (MU) Feb'2023	RE Generation (MU) Feb'2022	% of same Month Last Year	RE Generation(MU) April'2022- Feb'2023	RE Generatio n(MU) April'2021- Feb'2022	% of same period Last Year
पवन/Wind	42015.38	41727.108	3126.99	3107.74	100.62	67673.09	64633.23	104.70
सौर/Solar	64380.68	56800.66(*)	9555.41	7276.18	131.32	91769.91	65145.71	140.87
बायोमास/ Biomass	10217.51	8851.07	290.22	275.07	105.51	2873.39	3143.00	91.42
बगास/Bagasse			1862.92	1923.38	96.86	11179.51	10466.36	106.81
लघु जल विद्युत्/Small Hydro	4943.10	4130.23	560.81	567.60	98.80	10591.79	9824.47	107.81
अन्य/Others	556.39	231.28	203.01	180.71	112.34	2299.77	2056.46	111.83
कुल/Total	122113.06	111740.34	15599.36	13330.69	117.02	186387.46	155269.24	120.04

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

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

S.No.	Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation(MU)
Northern Region						
1	Unchahar Solar	Uttar Pradesh	Central	NTPC	Solar	1.27
2	Dadri Solar	Uttar Pradesh	Central	NTPC	Solar	0.55
3	Singrauli Solar	Uttar Pradesh	Central	NTPC	Solar	2
4	Auraiya	Uttar Pradesh	Central	NTPC	Solar	6.33
5	Kolayat	Rajasthan	Central	NTPC	Solar	77.06
6	Nokhra	Rajasthan	Central	NTPC	Solar	30.05
7	ABC Renewable Energy	Rajasthan	Private	IPP	Solar	62.79
8	Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	47.98
9	Acme Heerghar Powertech Pvt Ltd	Rajasthan	Private	IPP	Solar	45.82
10	Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	IPP	Solar	194.24
11	Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	83.26
12	Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	IPP	Solar	71.64
13	Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	IPP	Solar	74.76
14	Adani RERJL	Rajasthan	Private	IPP	Solar	39.47
15	Adani SE Jaisalmer One	Rajasthan	Private	IPP	Solar	96.98
16	Adani SE4PL(Kilaj Solar)	Rajasthan	Private	IPP	Solar	9.89
17	Adani SEJ5PL	Rajasthan	Private	IPP	Solar	38.16
18	Adani SERJ1PL	Rajasthan	Private	IPP	Solar	59.16
19	Avaada Sunrays	Rajasthan	Private	IPP	Solar	62.34
20	Avaada RJHN	Rajasthan	Private	IPP	Solar	43.98
21	Avaada Sunce	Rajasthan	Private	IPP	Solar	63.68
22	Avaada Sustainable	Rajasthan	Private	IPP	Solar	56.05
23	Ayana Renewable One	Rajasthan	Private	IPP	Solar	61.03
24	Azure Power Forty One Private Limited	Rajasthan	Private	IPP	Solar	57.79
25	Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	118.98
26	Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	34.81
27	Azure Power Maple	Rajasthan	Private	IPP	Solar	28.87

S.No.	Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation(MU)
28	Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	25.42
29	Clean Solar Power	Rajasthan	Private	IPP	Solar	49.31
30	Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	60.97
31	Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	59.67
32	M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	10.16
33	Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	50.46
34	Mega Surya Urja	Rajasthan	Private	IPP	Solar	47.29
35	Nindan Solar Fatehgar	Rajasthan	Private	IPP	Solar	58.9
36	Renew Jharkhand	Rajasthan	Private	IPP	Solar	58.84
37	Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	9.94
38	Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	46.2
39	Renew Solar Urja	Rajasthan	Private	IPP	Solar	55.63
40	Renew Sun Bright	Rajasthan	Private	IPP	Solar	58.6
41	Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	56.69
42	Renew Surya Ravi	Rajasthan	Private	IPP	Solar	27.57
43	SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	41.56
44	Tata Power Green Energy	Rajasthan	Private	IPP	Solar	38.91
45	Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	57.38
46	Thar Surya1	Rajasthan	Private	IPP	Solar	42.61
	Northern Region Total					2325.05
Western Region						
1	Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	46.57
2	Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	0
3	Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	46.97
4	ESPL RSP Solar	Gujarat	Private	IPP	Solar	42.98
5	TPREL RSP Solar	Gujarat	Private	IPP	Solar	21.58
6	GIPCL RSP Solar	Gujarat	Private	IPP	Solar	22.31
7	Powerica Wind	Gujarat	Private	IPP	Solar	6.63
8	NTPC Kawas	Gujarat	Central	NTPC	Solar	10.1
9	GSECL	Gujarat	Private	IPP	Solar	15.96
10	Athen_RUM	Gujarat	Private	IPP	Wind	47.16
11	Gandhar_Solar	Gujarat	Private	IPP	Wind	2.48
12	RPL_SECI-II	Gujarat	Private	IPP	Wind	28.44
13	Solapur_Solar	Gujarat	Private	IPP	Wind	1.22
14	AWEK4L	Gujarat	Private	IPP	Wind	0
15	AWEK1L	Gujarat	Private	IPP	Wind	59.26
16	AWEMP1PL	Gujarat	Private	IPP	Wind	31.98
17	Alfnar Wind	Gujarat	Private	IPP	Wind	34.14

S.No.	Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation(MU)
18	Adani Green Energy Mp Ltd(Dayapar)(CPTTNPL)	Gujarat	Private	IPP	Wind	0
19	Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	30.02
20	Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	36.02
21	IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	22.26
22	Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	42.81
23	Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	44.75
24	Avikiran Solar India Private Limited (AS IPL)	Gujarat	Private	IPP	Wind	23.71
25	SITAC	Gujarat	Private	IPP	Wind	41.73
26	SRIJAN	Gujarat	Private	IPP	Wind	8.73
	Western Region Total					667.79
Southern Region						
1	Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	29.81
2	GRTJIPL	Tamil Nadu	Private	IPP	Wind	26.89
3	Mytra	Tamil Nadu	Private	IPP	Wind	24.51
4	Orange	Tamil Nadu	Private	IPP	Wind	32.6
5	Green Infra	Tamil Nadu	Private	IPP	Wind	44.18
6	Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	29.83
7	Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	23.15
8	JSW_Renew2 Tuticorin	Tamil Nadu	Private	IPP	Wind	7.88
9	Ettayapuram	Tamil Nadu	Central	NTPC	Solar	42.4
10	RSTPS Floating Solar	Andhra Pradesh	Private	IPP	Solar	17.47
11	Simhadri Floating Solar	Andhra Pradesh	Private	IPP	Solar	4.02
12	Adani7	Telangana	Private	IPP	Solar	52.13
13	Biwadi	Andhra Pradesh	Private	IPP	Solar	10.44
14	Hisar	Andhra Pradesh	Private	IPP	Solar	10.37
15	Karnal	Andhra Pradesh	Private	IPP	Solar	10.33
16	Ayana	Andhra Pradesh	Private	IPP	Solar	52.52
17	Azure	Andhra Pradesh	Private	IPP	Solar	8.8
18	FRV2	Andhra Pradesh	Private	IPP	Solar	10.08
19	FRV	Andhra Pradesh	Private	IPP	Solar	9.68
20	NTPC	Andhra Pradesh	Private	IPP	Solar	35.56
21	SBG	Andhra Pradesh	Private	IPP	Solar	43.13
22	Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	49.42
23	Tata	Andhra Pradesh	Private	IPP	Solar	17.9
24	Adyah10	Karnataka	Private	IPP	Solar	64.92
25	Adyah13	Karnataka	Private	IPP	Solar	
26	Adyah1	Karnataka	Private	IPP	Solar	
27	Adyah2	Karnataka	Private	IPP	Solar	
28	Adyah3	Karnataka	Private	IPP	Solar	
29	Adyah6	Karnataka	Private	IPP	Solar	
30	Amplus Tumkur	Karnataka	Private	IPP	Solar	10.15
31	Amplus	Karnataka	Private	IPP	Solar	10.25

S.No.	Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation(MU)
32	Avaada	Karnataka	Private	IPP	Solar	30.58
33	Avaada Solarise	Karnataka	Private	IPP	Solar	30.86
34	Azure Power	Karnataka	Private	IPP	Solar	21.83
35	Fortum Finsurya	Karnataka	Private	IPP	Solar	18.55
36	Fortum	Karnataka	Private	IPP	Solar	51.81
37	Kredl	Karnataka	Private	IPP	Solar	9.4
38	Parampujya	Karnataka	Private	IPP	Solar	30.43
39	Renew	Karnataka	Private	IPP	Solar	10.14
40	SBG	Karnataka	Private	IPP	Solar	43.13
41	Tata	Karnataka	Private	IPP	Solar	81.77
42	Yarrow	Karnataka	Private	IPP	Solar	10.33
	Southern Region Total					1017.25
	All India Total					4010.09

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) Feb'2023	RE Generation(MU) Feb'2022	RE Generation(MU) April'2022-Feb'2023	RE Generation(MU) April'2021-Feb'2022
NTPC							
Faridabad	Haryana	5.00	Solar	0.58	0.60	5.62	6.07
Bhadla	Rajasthan	260.00	Solar	36.18	37.55	393.51	400.46
Jetsar	Rajasthan	160.00	Solar	28.77	13.99	312.14	46.48
Fatehgarh	Rajasthan	296.00	Solar	60.65	20.62	620.82	29.38
Devikot	Rajasthan	240.00	Solar	13.22	0.00	96.00	0.00
Nokhra	Rajasthan	150.00	Solar	4.11	0.00	53.44	0.00
Dadri_	Uttar Pradesh	5.00	Solar	0.55	0.53	5.47	5.72
Unchahar	Uttar Pradesh	10.00	Solar	1.27	1.11	12.42	10.87
Singrauli	Uttar Pradesh	15.00	Solar	2.00	1.91	18.69	18.01
Auraiya	Uttar Pradesh	40.00	Solar	6.33	2.91	45.91	28.71
Singrauli	Uttar Pradesh	8.00	Small Hydro	2.70	2.68	28.01	19.21
Rojmal	Gujarat	50.00	Wind	6.34	6.34	96.34	93.95
Rajgarh	Madhya Pradesh	50.00	Solar	7.00	7.18	67.20	66.47
Mandsaur	Madhya Pradesh	250.00	Solar	37.52	36.67	346.79	344.08
Solapur	Maharashtra	10.00	Solar	1.16	0.00	2.10	0.00
Anantapuram	Andhra Pradesh	250.00	Solar	36.56	37.43	341.36	342.16
Ramagundam	Telangana	110.00	Solar	19.02	6.02	157.53	26.33
Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.44	0.51	4.80	4.87
Talchar_Solar	Orissa	10.00	Solar	1.21	1.23	12.41	11.91
Solar_Bilhaur	Uttar Pradesh	225.00	Solar	42.44	41.65	434.15	411.22
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	4.09	4.43	41.39	25.13
Kayamkulam	Kerala	92.00	Solar	17.94	0.00	150.35	0.00
Kawas	Gujarat	56.00	Solar	10.10	0.00	65.18	0.00
Gandhar	Gujarat	10.00	Solar	2.53	0.00	10.33	0.00
Shambu ki Burj-I	Rajasthan	250.00	Solar	43.78	0.00	324.07	0.00
Shambu ki Burj-II	Rajasthan	150.00	Solar	24.21	0.00	122.61	0.00
Ettayapuram	Tamil Nadu	230.00	Solar	16.67	0.00	96.68	0.00
Total NTPC		2962.00		427.37	223.36	3865.32	1891.03
THDC							
Patan Wind Power Project	Gujarat	50.00	Wind	3.08	3.77	73.13	73.62
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	7.24	7.79	132.78	144.90

Solar Kasaragod	Kerala	50.00	Solar	9.06	9.06	84.27	79.81
Rishikesh office Premises	Uttar Pradesh	0.50	Solar	0.04	0.04	0.45	0.34
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	8.62	10.31	78.54	51.71
Total THDC		187.50		28.04	30.97	369.17	350.38
NHPC							
Wind Power Project	Rajasthan	50.00	Wind	3.71	3.83	72.61	70.71
Solar Power Project	Tamilnadu	50.00	Solar	8.06	7.28	81.65	79.83
Total NHPC		100.00		11.76	11.11	154.26	150.54
ONGC							
Wind, Bhuj	Gujarat	51.00	Wind	1.71	2.93	70.15	81.99
Wind, Jaisalmer	Rajasthan	102.00	Wind	5.86	6.88	124.60	132.92
Solar, Goa	Goa	1.00	Solar	0.14	0.14	1.22	1.31
Solar, Hazira	Gujarat	10.00	Solar	1.43	0.00	13.31	13.20
Solar, Hazira	Gujarat	5.00	Solar	0.16	0.00	0.26	0.00
Solar, Ankleshwar	Gujarat	5.00	Solar	0.91	1.43	8.38	0.00
Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.10	0.84	0.94	6.78
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.09	0.10	1.33	0.97
Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.56	0.11	5.99	1.22
Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.45	0.61	4.71	1.65
Solar, Assam (RTS)	Assam	1.65	Solar	0.14	0.48	1.53	4.97
Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.13	0.15	1.33	1.57
Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.12	0.25	1.28
Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar		0.02	0.03	0.25
Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.00	0.07	0.01
Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.03	0.01	0.28	0.10

ONGC Colony Noida	Uttar Pradesh	0.06	Solar	0.01	0.02	0.01	0.02
Total ONGC		189.05		11.74	13.85	234.40	248.24
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	0.85	1.08	49.10	44.88
Sadla Wind Power	Gujarat	50.00	Solar	4.81	5.86	86.82	95.24
Charanka Solar Power	Gujarat	5.60	Solar	0.88	0.77	7.88	7.66
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.10	0.00	1.20	0.00
Parasan Solar Power	Gujarat	75.00	Solar	14.04	0.00	35.74	0.00
Total SJVN		179.20		20.67	7.71	180.75	147.77
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	1.96	2.04	22.44	21.89
Oil India Ltd	Rajasthan	67.60	Wind	3.63	3.82	1435.84	70.78
Oil India Ltd	Gujarat	43.30	Wind	5.41	7.91	88.71	88.38
Oil India Ltd	Madhya Pradesh	63.20	Wind	3.49	5.43	92.27	112.39
Total Oil India Ltd		188.10		14.49	19.21	1639.26	293.45
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.54	0.50	5.53	5.27
DVC							
DVC	West Bengal	0.08	Solar	0.01	0.01	0.07	2.99
DVC	Jharkhand	4.00	Small Hydro	1.09	1.39	2.39	19.22
Total DVC		4.08		1.10	1.40	2.47	22.21
All India Total		3814.93		515.72	308.11	6451.15	3108.90

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 February 2023					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Northern Region					
ACME HEERGARH POWERT	Solar	42.83	45.82	2.99	6.98
ACSEPL_BHADLA	Solar	48.70	47.98	-0.72	-1.48
ADANI HYBRID	Solar	91.74	83.26	-8.48	-9.24
ADANI HYBRID FOUR	Solar	206.63	194.24	-12.39	-6.00
ADANI HYBRID THREE	Solar	76.14	71.64	-4.50	-5.91
ADANI HYBRID TWO	Solar	77.31	74.76	-2.55	-3.30
Adani RERJL	Solar	40.92	39.47	-1.45	-3.54
Adani SE Jaisalmer One	Solar	99.76	96.98	-2.78	-2.79
ADANI SE JODHPUR 2 L	Solar	10.44	10.16	-0.28	-2.68
Adani SE4PL	Solar	10.26	9.89	-0.37	-3.61
Adani SEJ5PL	Solar	38.66	38.16	-0.50	-1.29
Adani SERJ1PL	Solar	61.70	59.16	-2.54	-4.12
AURAIYA SOLAR	Solar	6.43	6.27	-0.16	-2.49
AVAADA RJHN	Solar	44.46	43.98	-0.48	-1.08
AVAADA SUNCE	Solar	64.96	63.68	-1.28	-1.97
AVAADA SUNRAYS	Solar	63.51	62.34	-1.17	-1.84
AVAADA SUSTAINABLE	Solar	56.01	56.05	0.04	0.07
AYANA RENEWABLE ONE	Solar	59.96	61.03	1.07	1.78
AZURE FORTY ONE	Solar	58.74	57.79	-0.95	-1.62
AZURE FORTY THREE	Solar	120.47	118.98	-1.49	-1.24
AZURE POWER MAPLE	Solar	31.15	28.87	-2.28	-7.32
AZURE POWER THIRTY F	Solar	25.75	25.42	-0.33	-1.28
AZURE SOLAR	Solar	34.66	34.81	0.15	0.43
CLEAN SOLAR POWER	Solar	50.15	49.31	-0.84	-1.67
CSP_BHADLA	Solar	59.22	60.97	1.75	2.96
DADRI SOLAR	Solar	0.60	0.55	-0.05	-8.33
DEVIKOT	Solar	42.34	41.91	-0.43	-1.02
EDEN RENEWABLE	Solar	61.30	59.67	-1.63	-2.66
KOLYAT SOLAR BIKANER	Solar	80.58	77.06	-3.52	-4.37
MAHINDRA RPL	Solar	51.35	50.46	-0.89	-1.73
MEGA SURYAURJA	Solar	48.43	47.29	-1.14	-2.35
NIDAN SOLAR FATEHGAR	Solar	59.24	58.90	-0.34	-0.57
NOKHRA	Solar	29.31	30.05	0.74	2.52
RENEW JHARKHAND	Solar	59.75	58.84	-0.91	-1.52
RENEW SOLAR	Solar	10.09	9.94	0.00	0.00
RENEW SOLAR URJA	Solar	56.92	55.63	0.00	0.00
RENEW SUN BRIGHT	Solar	59.50	58.60	-0.90	-1.51
RENEW SUN WAVES	Solar	59.61	56.69	-2.92	-4.90
RENEW SURYA RAVI	Solar	27.04	27.57	0.53	1.96
RSPPL_BKN	Solar	46.20	46.20	0.00	0.00
SBSR POWER CLEANTECH	Solar	42.48	41.56	-0.92	-2.17

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of February 2023					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
SINGRAULI SOLAR	Solar	2.08	1.92	-0.16	-7.69
TATA POWER GREEN ENERGY	Solar	41.20	38.91	-2.29	-5.56
TATA SOLAR	Solar	60.41	57.38	-3.03	-5.02
THAR SURYA 1	Solar	43.28	42.61	-0.67	-1.55
UNCHAHAAR SOLAR	Solar	1.37	1.30	-0.07	-5.11
Northern Region Total		2363.64	2304.06		
Western Region					
Alfnar Wind	Wind	40.40	34.14	-6.26	-15.50
Arinsun Solar (Barsaitadesh)	Solar	44.33	46.57	2.24	5.05
Avikiran Solar India Private Limited (AS IPL)	Wind	28.26	23.71	-4.55	-16.10
Athen_RUM	Solar	44.66	47.16	2.50	5.60
AWEK1L	Wind	75.56	59.26	-16.30	-21.57
AWEMP1PL_PTNGR_IDR_W	Wind	37.97	31.98	-5.99	-15.78
ESPL RSP Solar	Solar	42.80	42.98	0.18	0.42
GANDHAR_SOLAR	Solar	2.20	2.48	0.28	12.73
GIPCL RSP Solar	Solar	22.23	22.31	0.08	0.36
Giwel-III Wind (Naranpar)	Wind	42.51	36.02	-6.49	-15.27
Giwel-II Wind (Vadva)	Wind	35.55	30.24	-5.31	-14.94
GSECL	Solar	15.34	15.96	0.62	4.04
IWISL Wind (Dayapar)	Wind	22.44	22.26	-0.18	-0.80
NTPC Kawas	Solar	10.35	10.10	-0.25	-2.42
Mahindra Solar (Badwar)	Solar	44.35	46.97	2.62	5.91
Ostro Wind (Kutch)	Wind	51.89	42.81	-9.08	-17.50
Powerica	Wind	7.84	6.63	-1.21	-15.43
Renew Solar (Bhuvad)	Solar	36.97	28.44	-8.53	-23.07
Renew Ap2 Wind(Ghadsisa)	Wind	52.49	44.75	-7.74	-14.75
SITAC Wind	Wind	46.34	41.73	-4.61	-9.95
Solapur_Solar-Schedule	Solar	1.22	1.22	0.00	0.00
SRIJAN Wind	Wind	10.79	8.79	-2.00	-18.54
TPREL RSP Solar	Solar	21.75	21.58	-0.17	-0.78
Western Region Total		738.24	668.09		
Southern Region					
BEETAM	Wind	34.05	29.81	-4.24	-12.45
GIREL	Wind	46.34	44.18	-2.16	-4.66
MYTRAH	Wind	28.17	24.51	-3.66	-12.99
ORANGE	Wind	34.63	32.60	-2.03	-5.86
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Wind	29.50	23.15	-6.35	-21.53
GRTJIPL	Wind	28.07	26.89	-1.18	-4.20
Southern Region Total		200.76	181.14		

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 February 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	1.43	1.43	100.00
Delhi	0.00	262.56	0.00	0.00	49.65	312.21	15.90
Haryana	2515.48	0.00	0.00	0.00	102.39	2617.87	3.91
HP	0.00	0.00	0.00	1398.84	87.62	1486.46	100.00
J & K	0.00	0.00	0.00	784.43	22.17	806.60	100.00
Ladakh	0.00	0.00	0.00	12.13	0.00	12.13	100.00
Punjab	2272.48	0.00	0.00	342.17	430.32	3044.97	25.37
Rajasthan	4769.53	93.45	385.97	118.57	3307.86	8675.38	43.95
Uttar Pradesh	11208.64	6.85	290.04	90.72	903.42	12499.67	10.27
Uttarakhand	0.00	0.00	0.00	733.40	77.81	811.21	100.00
Northern Region Total	20766.13	362.86	676.01	3480.26	4982.67	30267.93	30.19
WESTERN REGION							
Chhattisgarh	12639.16	0.00	0.00	15.54	198.93	12853.63	1.67
Gujarat	3671.90	187.29	304.44	417.21	2052.77	6633.61	41.82
Madhya Pradesh	10425.73	0.00	0.00	692.12	613.83	11731.68	11.13
Maharashtra	11082.23	156.78	731.03	512.28	1499.45	13981.77	19.62
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.44	1.44	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	37819.02	344.07	1035.47	1637.15	4368.36	45204.07	15.58
SOUTHERN REGION							
Andhra Pradesh	5464.75	0.00	0.00	206.77	1137.72	6809.24	19.75
Telangana	4229.99	0.00	0.00	162.27	696.65	5088.91	16.88
Karnataka	3783.12	0.00	597.15	1084.37	2362.62	7827.26	51.67
Kerala	0.00	0.00	0.00	490.15	119.23	609.38	100.00
Tamil Nadu	5327.27	158.84	1465.73	312.97	1607.18	8871.99	38.16
Lakshadweep	4.66	0.00	0.00	0.00	0.01	4.67	0.16
Puducherry	0.00	19.43	0.00	0.00	1.02	20.45	4.99
Southern Region Total	18809.79	178.27	2062.88	2256.53	5924.42	29231.89	35.04
EASTERN REGION							
Andaman Nicobar	24.93	0.00	0.00	0.00	2.77	27.70	10.00
Bihar	4662.31	0.00	0.00	0.00	39.58	4701.89	0.84
Jharkhand	2187.94	0.00	0.00	12.75	1.47	2202.16	0.65
Orissa	5444.25	0.00	0.00	342.75	98.48	5885.48	7.50
Sikkim	0.00	0.00	0.00	226.14	1.03	227.17	100.00
West Bengal	7459.28	0.00	0.00	185.91	143.26	7788.45	4.23
Eastern Region Total	19778.71	0.00	0.00	767.55	286.60	20832.86	5.06

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

State/UT	Fossil		Nuclear	Non Fossil		Grand Total	Non Fossil as % of Total Generation
	Thermal	Gas		Hydro (Large)	Renewable Energy		
NORTH-EASTERN REGION							
Arunachal Pradesh	0.00	0.00	0.00	154.20	0.22	154.42	100.00
Assam	440.42	264.80	0.00	13.44	21.25	739.91	4.69
Manipur	0.00	0.00	0.00	8.91	0.57	9.48	100.00
Meghalaya	0.00	0.00	0.00	22.71	3.51	26.22	100.00
Mizoram	0.00	0.00	0.00	13.18	8.26	21.44	100.00
Nagaland	0.00	0.00	0.00	4.53	2.95	7.48	100.00
Tripura	0.00	603.56	0.00	0.00	0.54	604.10	0.09
North Eastern Region Total	440.42	868.36	0.00	216.97	37.31	1563.06	16.27
All India Total	97614.07	1753.56	3774.36	8358.46	15599.36	127099.81	21.82

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 February 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	1.43	1.43	100.00
Delhi	0.00	262.56	0.00	0.00	49.65	312.21	15.90
Haryana	2515.48	0.00	0.00	0.00	102.39	2617.87	3.91
HP	0.00	0.00	0.00	1398.84	87.62	1486.46	5.89
J & K	0.00	0.00	0.00	784.43	22.17	806.60	2.75
Ladakh	0.00	0.00	0.00	12.13	0.00	12.13	0.00
Punjab	2272.48	0.00	0.00	342.17	430.32	3044.97	14.13
Rajasthan	4769.53	93.45	385.97	118.57	3307.86	8675.38	38.13
Uttar Pradesh	11208.64	6.85	290.04	90.72	903.42	12499.67	7.23
Uttarakhand	0.00	0.00	0.00	733.40	77.81	811.21	9.59
Northern Region Total	20766.13	362.86	676.01	3480.26	4982.67	30267.93	16.46
WESTERN REGION							
Chhattisgarh	12639.16	0.00	0.00	15.54	198.93	12853.63	1.55
Gujarat	3671.90	187.29	304.44	417.21	2052.77	6633.61	30.95
Madhya Pradesh	10425.73	0.00	0.00	692.12	613.83	11731.68	5.23
Maharashtra	11082.23	156.78	731.03	512.28	1499.45	13981.77	10.72
Daman and Diu, Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.44	1.44	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	37819.02	344.07	1035.47	1637.15	4368.36	45204.07	9.66
SOUTHERN REGION							
Andhra Pradesh	5464.75	0.00	0.00	206.77	1137.72	6809.24	16.71
Telangana	4229.99	0.00	0.00	162.27	696.65	5088.91	13.69
Karnataka	3783.12	0.00	597.15	1084.37	2362.62	7827.26	30.18
Kerala	0.00	0.00	0.00	490.15	119.23	609.38	19.57
Tamil Nadu	5327.27	158.84	1465.73	312.97	1607.18	8871.99	18.12
Lakshadweep	4.66	0.00	0.00	0.00	0.01	4.67	0.16
Puducherry	0.00	19.43	0.00	0.00	1.02	20.45	4.99
Southern Region Total	18809.79	178.27	2062.88	2256.53	5924.42	29231.89	20.27
EASTERN REGION							
Andaman Nicobar	24.93	0.00	0.00	0.00	2.77	27.70	10.00
Bihar	4662.31	0.00	0.00	0.00	39.58	4701.89	0.84
Jharkhand	2187.94	0.00	0.00	12.75	1.47	2202.16	0.07
Orissa	5444.25	0.00	0.00	342.75	98.48	5885.48	1.67
Sikkim	0.00	0.00	0.00	226.14	1.03	227.17	0.45
West Bengal	7459.28	0.00	0.00	185.91	143.26	7788.45	1.84
Eastern Region Total	19778.71	0.00	0.00	767.55	286.60	20832.86	1.38

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of February 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	154.20	0.22	154.42	0.14
Assam	440.42	264.80	0.00	13.44	21.25	739.91	2.87
Manipur	0.00	0.00	0.00	8.91	0.57	9.48	6.04
Meghalaya	0.00	0.00	0.00	22.71	3.51	26.22	13.40
Mizoram	0.00	0.00	0.00	13.18	8.26	21.44	38.52
Nagaland	0.00	0.00	0.00	4.53	2.95	7.48	39.44
Tripura	0.00	603.56	0.00	0.00	0.54	604.10	0.09
North Eastern Region Total	440.42	868.36	0.00	216.97	37.31	1563.06	2.39
All India Total	97614.07	1753.56	3774.36	8358.46	15599.36	127099.81	12.27

RE generation(MUs) data (source wise) for the month of February2023 and February 2022														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Heat etc.)		Total RE	
	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22
NORTHERN REGION														
Chandigarh	0.00	0.00	1.43	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.99
Delhi	0.00	0.00	17.21	20.04	0.00	0.00	0.00	0.00	0.00	0.00	32.44	17.25	49.65	37.29
Haryana	0.00	0.00	45.23	62.87	27.46	8.45	9.14	20.15	15.47	22.30	5.09	3.01	102.39	116.78
Himachal Pradesh	0.00	0.00	3.45	2.80	0.00	0.00	0.00	0.00	84.17	85.19	0.00	0.00	87.62	87.99
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.17	17.30	0.00	0.00	22.17	17.30
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	285.01	82.02	49.92	52.95	43.83	42.90	51.56	19.05	0.00	0.01	430.32	196.93
Rajasthan	274.53	358.43	2999.11	2013.70	33.02	30.99	0.00	0.00	1.21	1.38	0.00	0.00	3307.86	2404.50
Uttar Pradesh	0.00	0.00	354.58	277.87	7.04	9.46	511.23	471.92	24.91	19.41	5.66	0.00	903.42	778.65
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	77.81	77.81
Northern Region	274.53	358.43	3733.67	2487.93	117.43	101.84	584.91	555.68	228.94	194.08	43.19	20.26	4982.67	3718.23
WESTERN REGION														
Chhattisgarh	0.00	0.00	77.82	44.13	114.12	98.79	3.68	2.05	3.30	5.56	0.00	0.00	198.93	150.54
Gujarat	975.78	1000.47	1052.57	668.61	0.00	0.00	0.00	2.11	24.42	20.51	0.00	0.00	2052.77	1691.69
Madhya Pradesh	186.31	265.34	351.49	388.29	9.58	6.39	27.56	19.32	35.68	16.97	3.22	3.46	613.83	699.76
Maharashtra	272.80	236.93	493.01	304.47	22.78	23.18	657.44	721.91	53.41	73.99	0.01	0.06	1499.45	1360.54
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.44	7.74	0.00	1.07	0.00	0.00	0.00	0.00	0.00	0.00	1.44	8.82
Goa	0.00	0.00	1.51	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.14	1.94	1.97
Western Region	1434.89	1502.74	1977.84	1415.07	146.48	129.44	688.68	745.39	116.81	117.03	3.66	3.66	4368.36	3913.32
SOUTHERN REGION														

RE generation(MUs) data (source wise) for the month of February2023 and February 2022														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Heat etc.)		Total RE	
	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22
Andhra Pradesh	305.86	348.48	754.85	732.32	2.63	8.46	10.19	12.48	42.26	34.18	21.93	16.62	1137.72	1152.54
Telangana	14.56	20.18	642.13	616.66	0.04	8.44	24.90	23.23	2.73	5.95	12.28	16.15	696.65	690.60
Karnataka	531.65	416.04	1331.63	1250.99	6.15	9.61	415.35	459.19	77.85	80.77	0.00	0.00	2362.62	2216.59
Kerala	6.75	4.50	85.37	49.69	0.00	0.00	3.49	3.65	23.61	80.67	0.00	0.00	119.23	138.50
Tamil Nadu	558.75	457.38	911.00	623.60	9.85	9.70	110.61	109.02	16.98	16.85	0.00	0.00	1607.18	1216.55
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	1417.57	1246.57	3726.01	3274.29	18.66	36.20	564.53	607.56	163.44	218.43	34.21	32.77	5924.42	5415.82
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.94	1.80	0.00	0.00	0.00	0.00	0.83	0.66	0.00	0.00	2.77	2.46
Bihar	0.00	0.00	14.21	14.71	0.00	0.00	24.80	14.76	0.57	1.32	0.00	0.00	39.58	30.79
Jharkhand	0.00	0.00	1.47	1.67	0.00	0.00	0.00	0.00	0.00	2.56	0.00	0.00	1.47	4.23
Orissa	0.00	0.00	69.38	60.91	7.65	7.59	0.00	0.00	21.46	14.67	0.00	0.00	98.48	83.17
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	11.09	9.04	0.00	0.00	0.00	0.00	10.22	5.35	121.94	124.01	143.26	138.40
Eastern Region	0.00	0.00	98.09	88.13	7.65	7.59	24.80	14.76	34.11	25.59	121.94	124.01	286.60	260.08

RE generation(MUs) data (source wise) for the month of February2023 and February 2022														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Heat etc.)		Total RE	
	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22	Feb'23	Feb'22
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.16	0.14	0.00	0.00	0.00	0.00	0.06	0.05	0.00	0.00	0.22	0.18
Assam	0.00	0.00	18.26	9.37	0.00	0.00	0.00	0.00	2.99	2.99	0.00	0.00	21.25	12.36
Manipur	0.00	0.00	0.57	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.59
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.51	3.22	0.00	0.00	3.51	3.22
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	2.95	3.22	0.00	0.00	2.95	3.22
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	19.80	10.76	0.00	0.00	0.00	0.00	17.51	12.49	0.00	0.00	37.31	23.24
All India Total	3126.99	3107.74	9555.41	7276.18	290.22	275.07	1862.92	1923.38	560.81	567.60	203.01	180.71	15599.36	13330.69

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

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

RE generation(MUs) data (Source wise) for the year 2022-23(up to Feb 23) & year 2021-22(up to Feb 22)														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23--	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-
NORTHERN REGION														
Chandigarh	0.00	0.00	11.18	13.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.18	13.20
Delhi	0.00	0.00	218.90	205.80	0.00	0.00	0.00	0.00	0.00	0.00	257.81	214.29	476.71	420.10
Haryana	0.00	0.00	505.90	509.81	331.11	141.90	170.32	75.79	232.97	247.97	58.80	19.54	1299.10	995.01
Himachal Pradesh	0.00	0.00	54.14	39.89	0.00	0.00	0.00	0.00	2737.32	1891.31	0.00	0.00	2791.46	1931.20
J & K	0.00	0.00	0.00	1.71	0.00	0.00	0.00	0.00	365.32	373.83	0.00	0.00	365.32	375.54
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	2450.75	1304.05	447.48	532.47	167.22	166.19	638.59	944.31	0.00	0.24	3704.05	2947.26
Rajasthan	5741.60	6057.77	31103.25	14749.97	364.45	344.15	0.00	0.00	6.30	6.07	0.00	0.00	37215.61	21157.97
Uttar Pradesh	0.00	0.00	3300.57	2552.03	61.41	75.70	2655.36	2611.39	220.05	141.20	52.15	20.40	6289.53	5400.72
Uttarakhand	0.00	0.00	304.15	273.95	0.00	0.00	227.81	223.31	323.95	297.25	0.00	0.00	855.91	794.51
Northern Region	5741.60	6057.77	37948.84	19650.42	1204.46	1094.22	3220.71	3076.68	4524.51	3901.95	368.75	254.47	53008.87	34035.50
WESTERN REGION														
Chhattisgarh	0.00	0.00	560.79	387.67	1068.47	1169.88	14.70	6.62	144.26	180.55	0.00	0.00	1788.22	1744.73
Gujarat	18038.60	16479.13	9268.41	6014.08	0.00	0.00	5.76	17.30	189.53	168.81	2.24	0.00	27504.53	22679.31
Madhya Pradesh	4186.59	4057.55	3507.43	3565.68	30.42	18.27	97.02	64.19	336.77	207.65	32.43	30.34	8190.64	7943.68
Maharashtra	6826.68	6741.39	3934.25	2888.10	217.20	289.46	4060.00	3627.67	701.59	703.52	0.39	0.17	15740.10	14250.32
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	25.89	75.50	3.22	11.15	0.00	0.00	0.00	0.00	0.00	0.00	29.13	86.64
Goa	0.00	0.00	13.36	13.63	0.00	0.00	0.00	0.00	0.00	0.00	4.66	0.41	18.02	14.04
Western Region	29051.86	27278.07	17310.12	12944.66	1319.30	1488.76	4177.48	3715.78	1372.15	1260.53	39.72	30.92	53270.63	46718.72
SOUTHERN REGION														

RE generation(MUs) data (Source wise) for the year 2022-23(up to Feb 23) & year 2021-22(up to Feb 22)														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23--	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-
Andhra Pradesh	6997.52	6746.64	7356.59	7067.99	52.01	96.79	90.91	59.92	374.86	348.34	253.53	111.53	15125.42	14431.22
Telangana	259.17	258.29	6070.53	5865.26	21.45	102.04	112.05	84.54	88.94	83.88	146.05	209.90	6698.18	6603.90
Karnataka	9188.65	8977.43	12694.72	11864.13	102.71	161.83	2696.60	2884.89	2231.88	2363.22	0.00	0.00	26914.56	26251.49
Kerala	171.94	123.31	783.04	442.35	0.00	0.00	55.57	44.63	791.07	872.99	0.00	0.00	1801.60	1483.28
Tamil Nadu	16262.35	15191.72	8416.74	6408.98	115.94	105.81	738.51	542.21	285.71	282.72	0.00	0.00	25819.24	22531.43
Lakshadweep	0.00	0.00	0.09	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.29
Puducherry	0.00	0.00	11.22	11.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.22	11.22
Southern Region	32879.63	31297.38	35332.92	31660.22	292.11	466.46	3693.63	3616.18	3772.45	3951.15	399.58	321.43	76370.33	71312.82
EASTERN REGION														
Andaman Nicobar	0.00	0.00	21.43	19.30	0.00	0.00	0.00	0.00	13.77	12.44	0.00	0.00	35.20	31.74
Bihar	0.00	0.00	153.74	144.91	0.00	2.14	87.69	57.73	11.47	7.15	0.00	0.00	252.90	211.93
Jharkhand	0.00	0.00	18.23	16.17	0.00	0.00	0.00	0.00	0.00	10.49	0.00	0.00	18.23	26.66
Orissa	0.00	0.00	641.00	537.73	57.52	91.42	0.00	0.00	404.96	361.46	0.00	0.00	1103.48	990.61
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.33	11.33	0.00	0.00	11.33	11.33
West Bengal	0.00	0.00	112.59	86.96	0.00	0.00	0.00	0.00	191.78	144.06	1491.68	1449.65	1796.05	1680.67
Eastern Region	0.00	0.00	947.00	805.07	57.52	93.56	87.69	57.73	633.30	546.93	1491.68	1449.65	3217.19	2952.93
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	22.08	1.53	0.00	0.00	0.00	0.00	2.47	0.36	0.03	0.00	24.57	1.89

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23--	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-	Apr 22- Feb'23-	Apr 21- Feb '22-
Assam	0.00	0.00	192.46	70.10	0.00	0.00	0.00	0.00	59.71	38.02	0.00	0.00	252.17	108.12
Manipur	0.00	0.00	7.50	6.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	7.51	6.04
Meghalaya	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	67.43	40.44	0.00	0.00	67.43	40.90
Mizoram	0.00	0.00	2.95	1.60	0.00	0.00	0.00	0.00	51.06	23.40	0.00	0.00	54.01	25.00
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.71	60.25	0.00	0.00	108.71	60.25
Tripura	0.00	0.00	6.03	5.61	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	6.03	7.05
North Eastern Region	0.00	0.00	231.02	85.35	0.00	0.00	0.00	0.00	289.38	163.91	0.04	0.00	520.44	249.26
All India Total	67673.09	64633.2	91769.91	65145.71	2873.39	3143.00	11179.5 1	10466.36	10591.79	9824.47	2299.77	2056.46	186387.46	155269.24



This report is published by
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