



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

October-2022/अक्टूबर-2022

नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

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Note:-The RE Generation indicated in this report Excludes generation from Conventional and Large hydro.

Highlights of RE GENERATION (excluding Large Hydro)

During October 2022

1. RE capacity addition during October 2022 has been 1012.28MW (Solar -810.37 MW and Wind – 177.90 MW).
2. RE generation during October 2022 has increased by 26.57 % as compared to October 2021.
3. Solar Power generation during October 2022 as compared to October 2021 has increased by 40.17% on All India basis in all states except Madhya Pradesh, Telangana and Haryana.
4. Wind Power generation during October 2022 as compared to October 2021 has increased by 14.91% on All India basis in all states except Rajasthan.
5. Biomass Power generation during October 2022 as compared to October 2021 has decreased by 8.11%.
6. Bagasse power generation during October 2022 as compared to October 2021 has increased by 3.19 % on All India basis in all states except Maharashtra, Kerala and Andhra Pradesh.
7. Others (Waste to Heat) Power generation has increased by 15.22% during October 2022 as compared to October 2021.
8. Small Hydro Power generation during October 2022 as compared to October 2021 has increased by 1.76%.

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

Decreased by 33.51% as compared to October 21.

Decreased by 49.45% as compared to September 22.

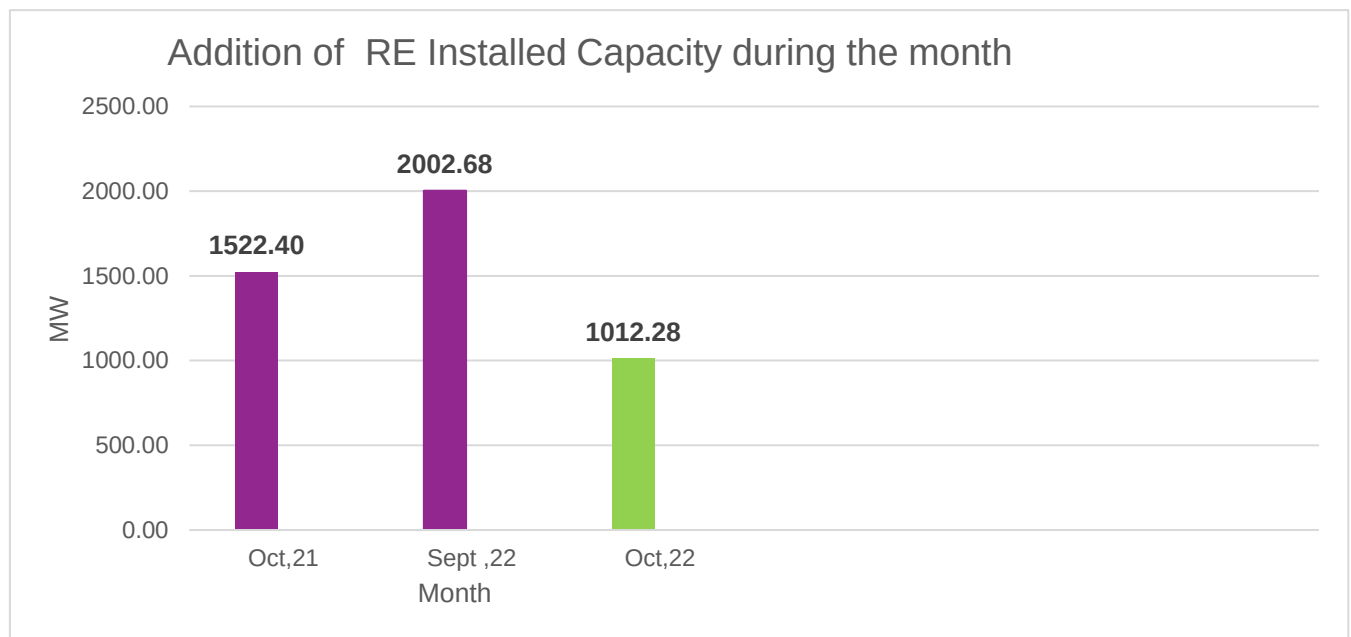


Figure 1: RE capacity added during the Month

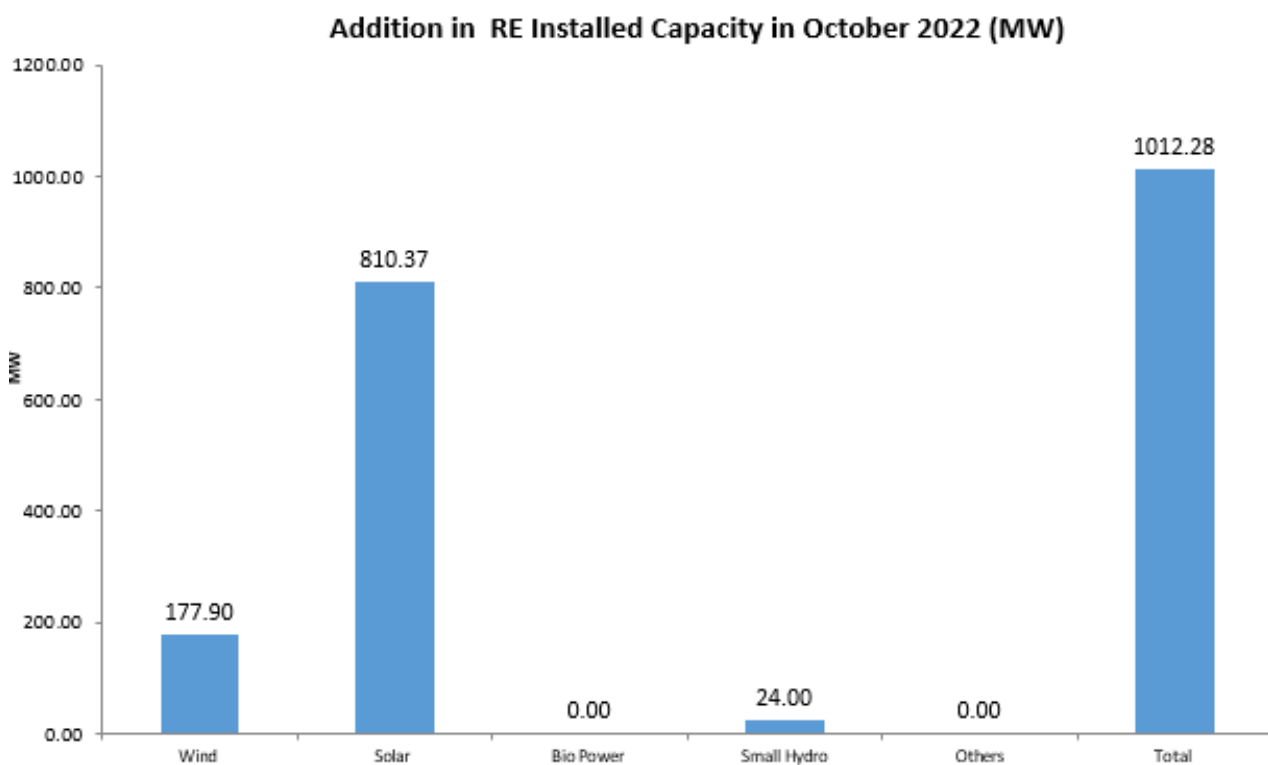


Figure 2: Source wise addition in RE Installed Capacity in October 22

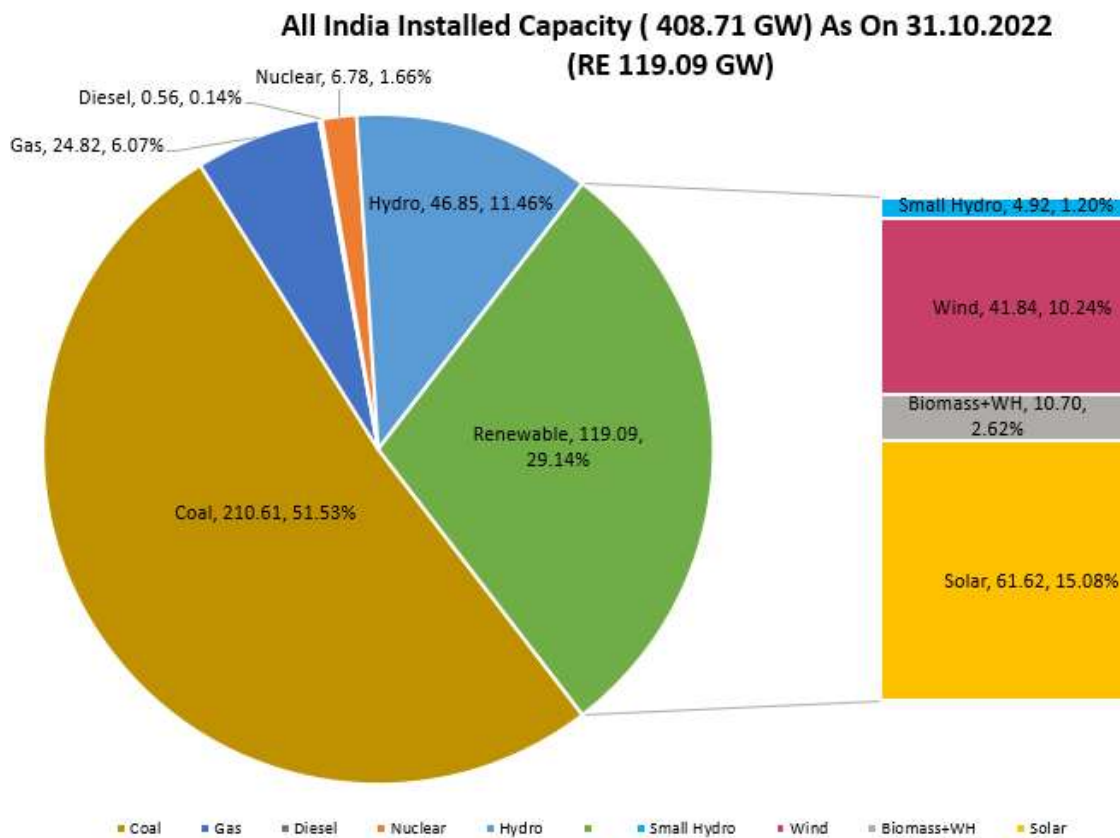


Figure 3: Installed Capacity in India as on 31.10.2022

All India Cumulative Energy Generation (970.68 BU) April - Oct 2022

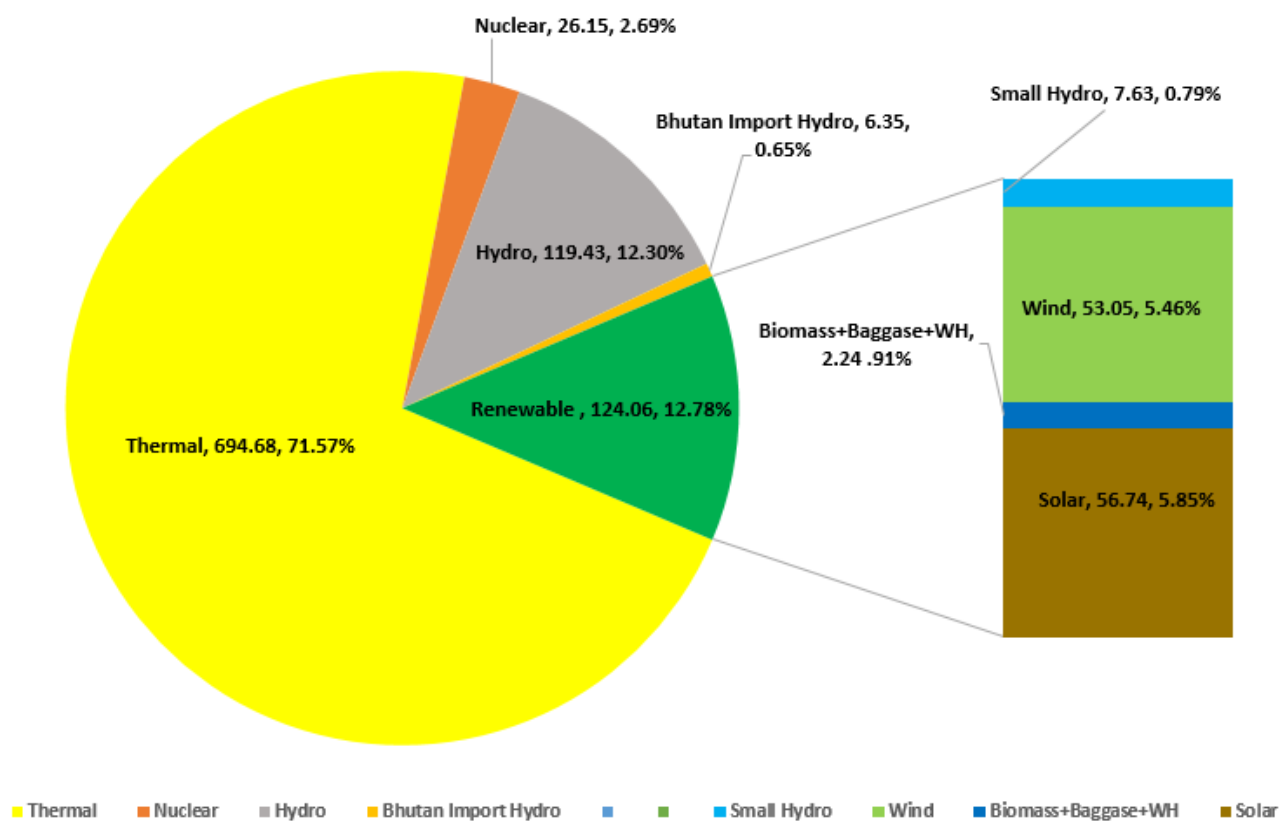


Figure 4: Cumulative Total Energy Generation in India and Share of RE for the year 2022-23(up to October 22).

All India Monthly Energy Generation (123.74 BU) Oct 2022

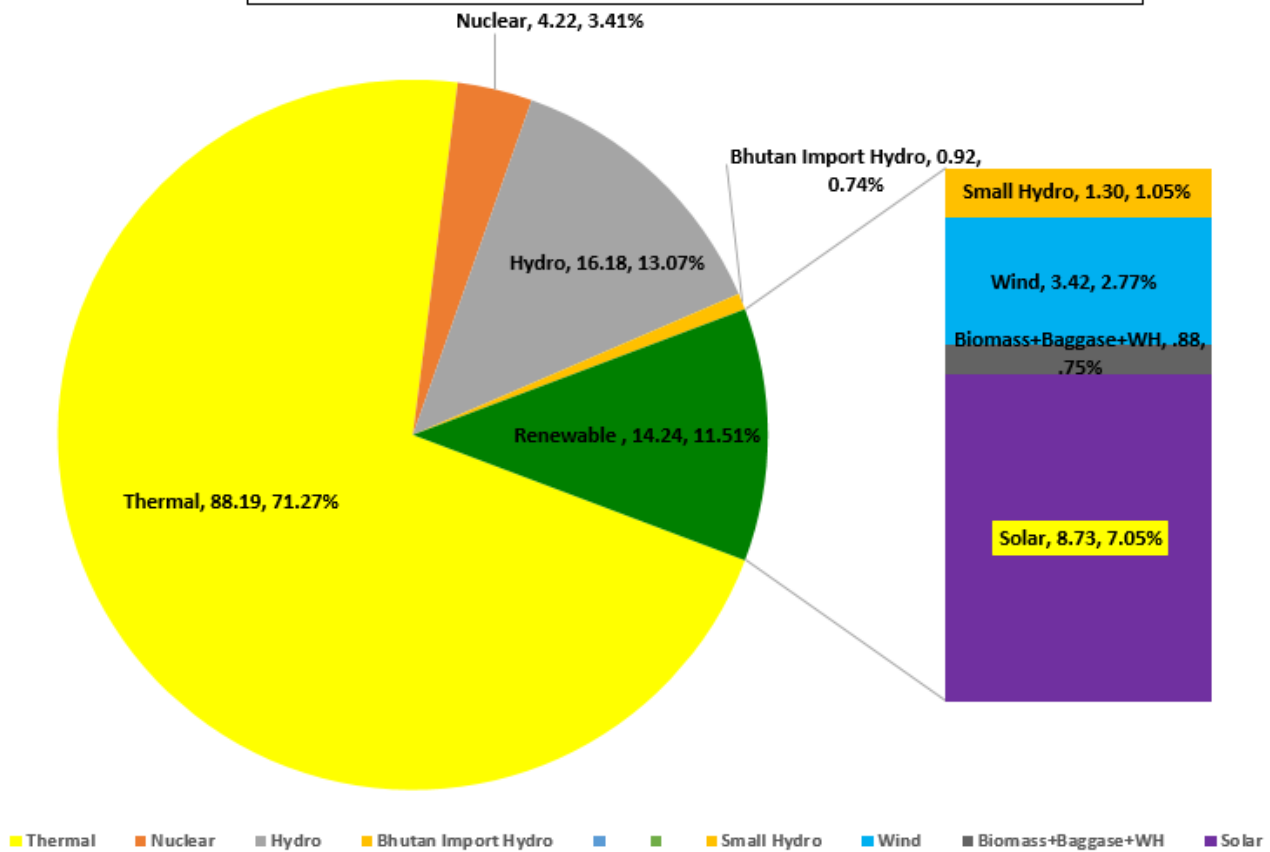


Figure 5: Total Energy Generation in India and Share of RE in the month of October-2022

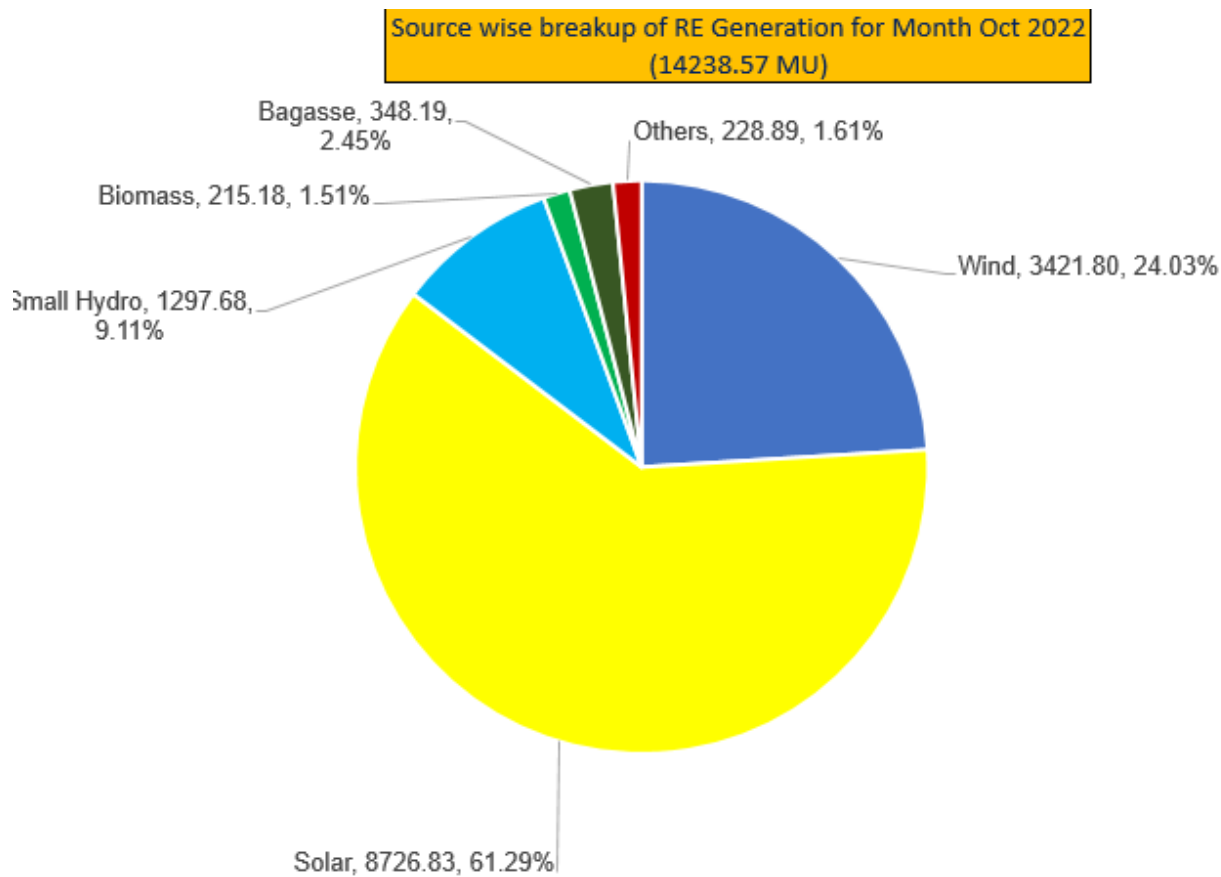


Figure 6: Source wise breakup of RE Generation in the month of October -2022

Source wise breakup of cumulative RE Generation for April 22- Oct 22
(124063.88 MU)

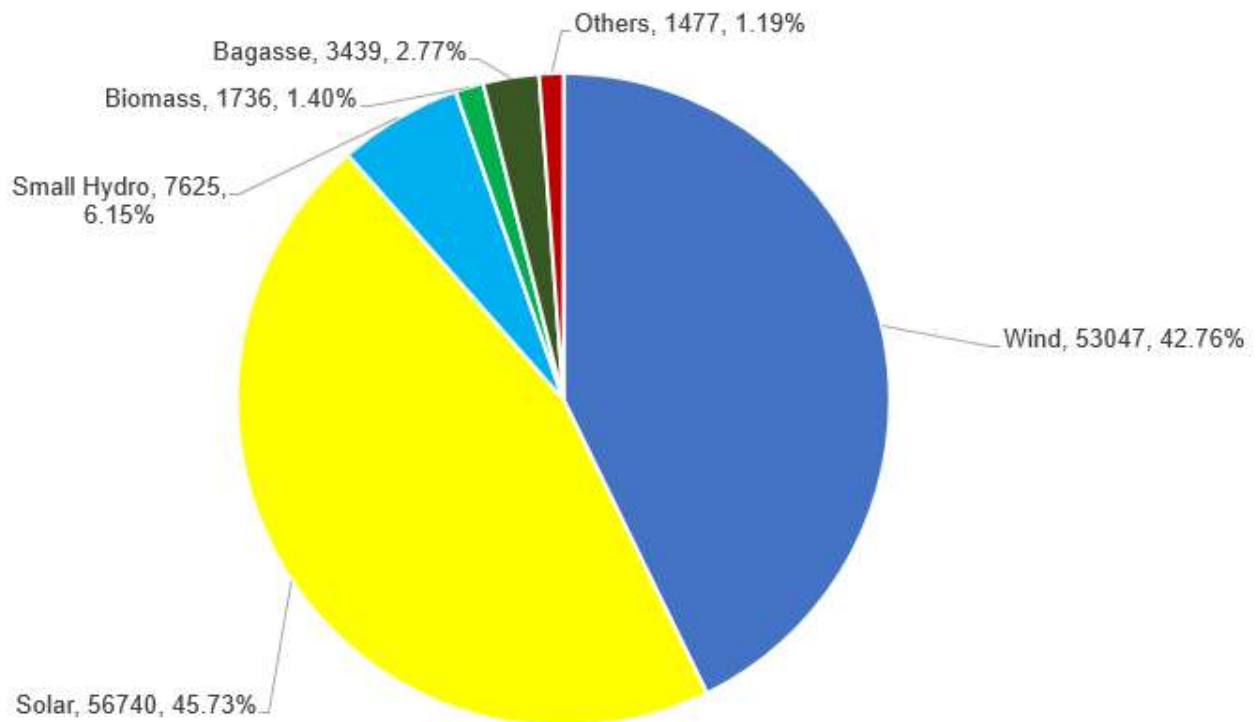


Figure 7: Source wise breakup of Cumulative RE Generation for the year 2022-23(up to October 22).

Summary of Renewable Energy Generation

Increased by 26.57% as compared to October'21.

Decreased by 15.96% as compared to September '22.

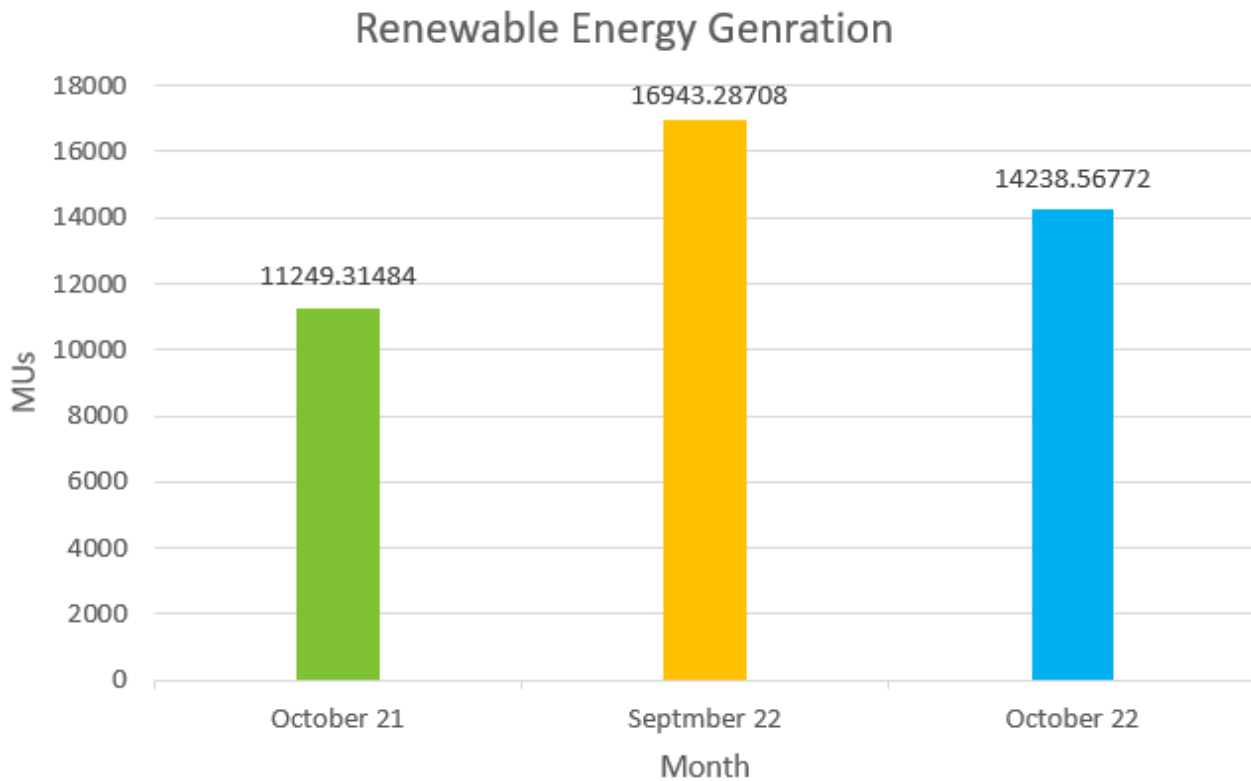


Figure 8: Renewable Energy Generation

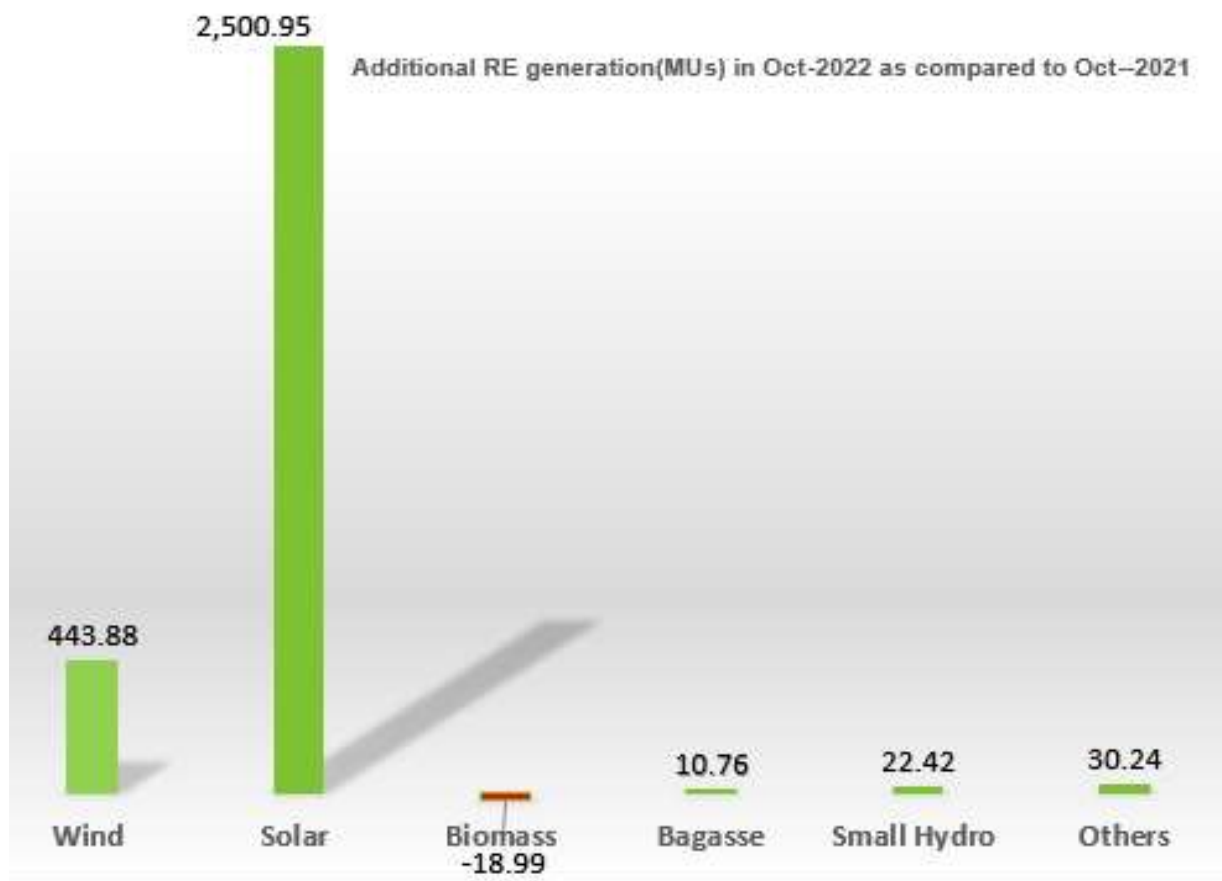


Figure 9: Additional RE Generation in October 22 as compared to October 21

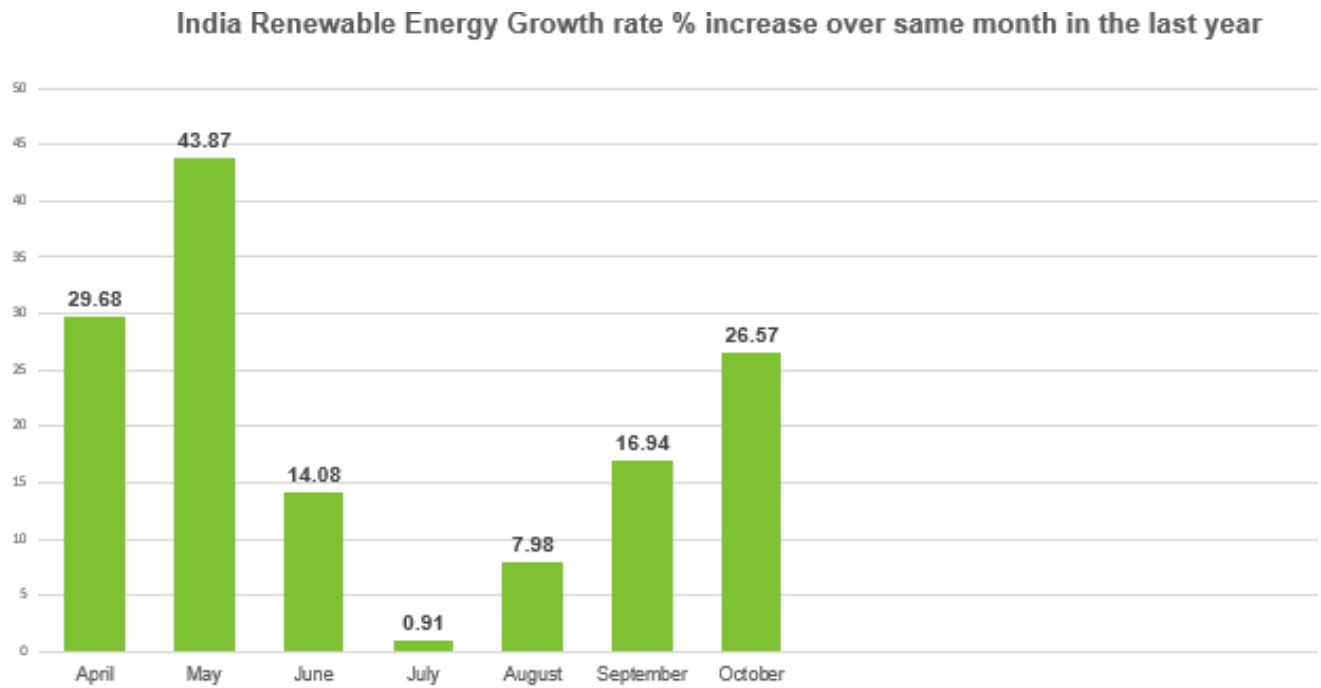


Figure 10: Month Wise Growth of RE Generation w.r.t to previous year Same Month

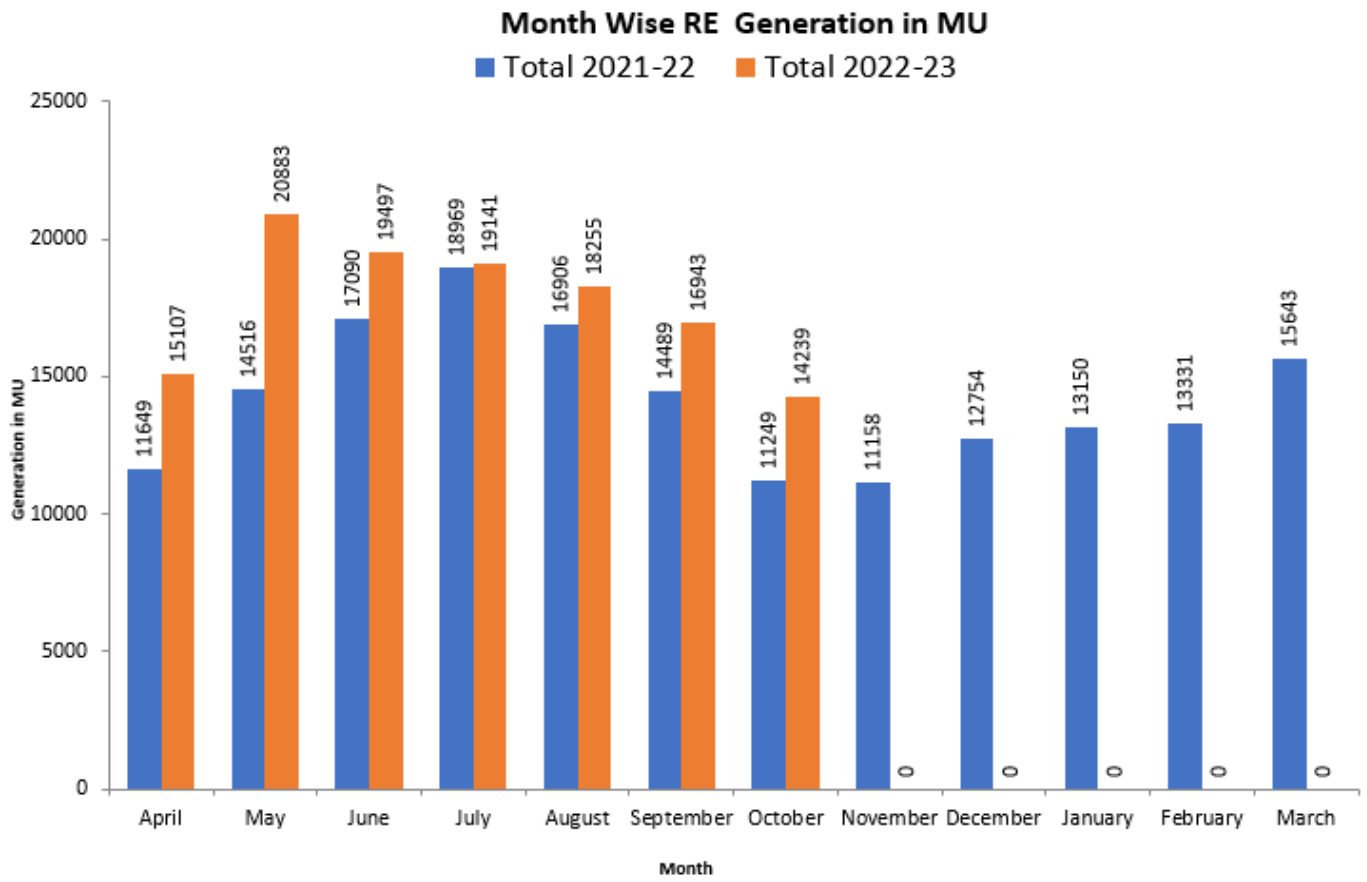


Figure 11: comparison of Month Wise RE Generation in year 2021-22 & in year 2022-23

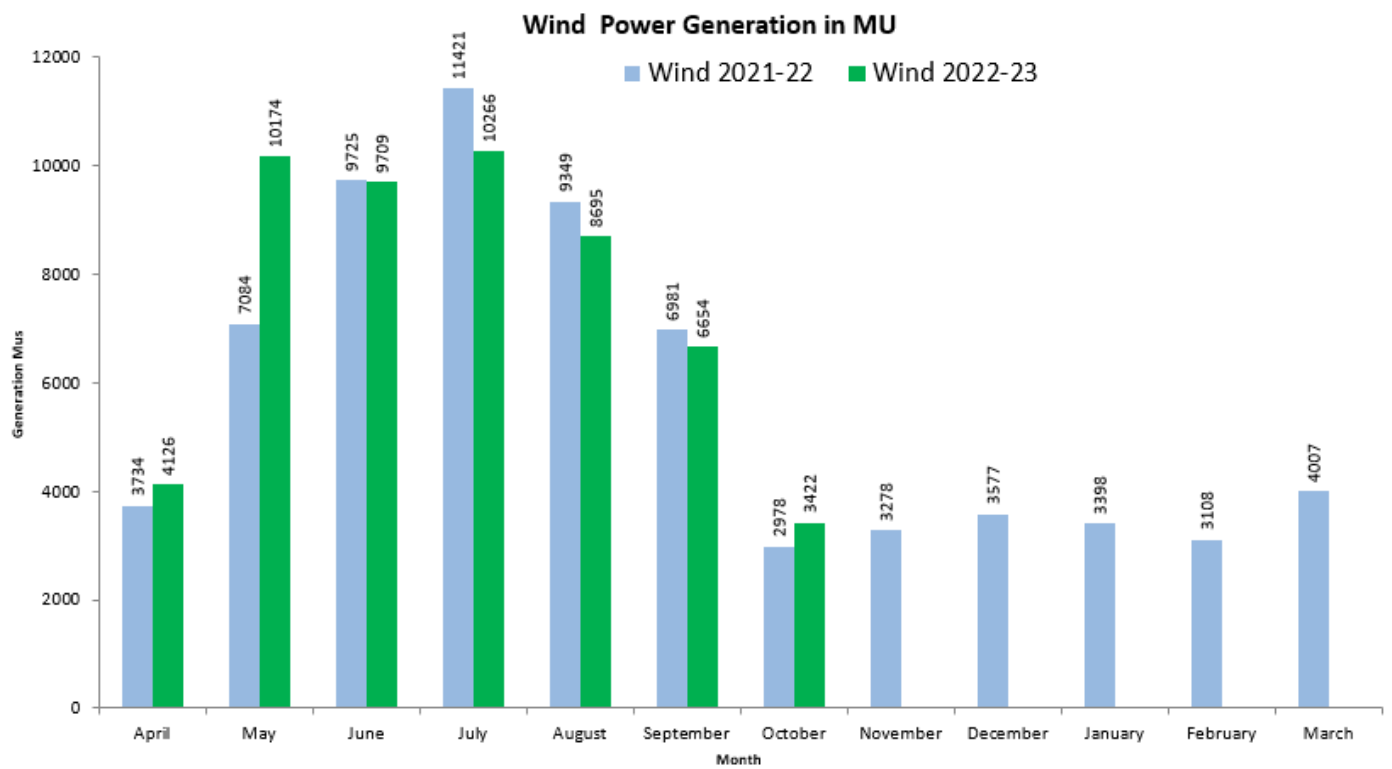


Figure 12: Month Wise Wind Power Generation for the year 2021-22 and year 2022-23.

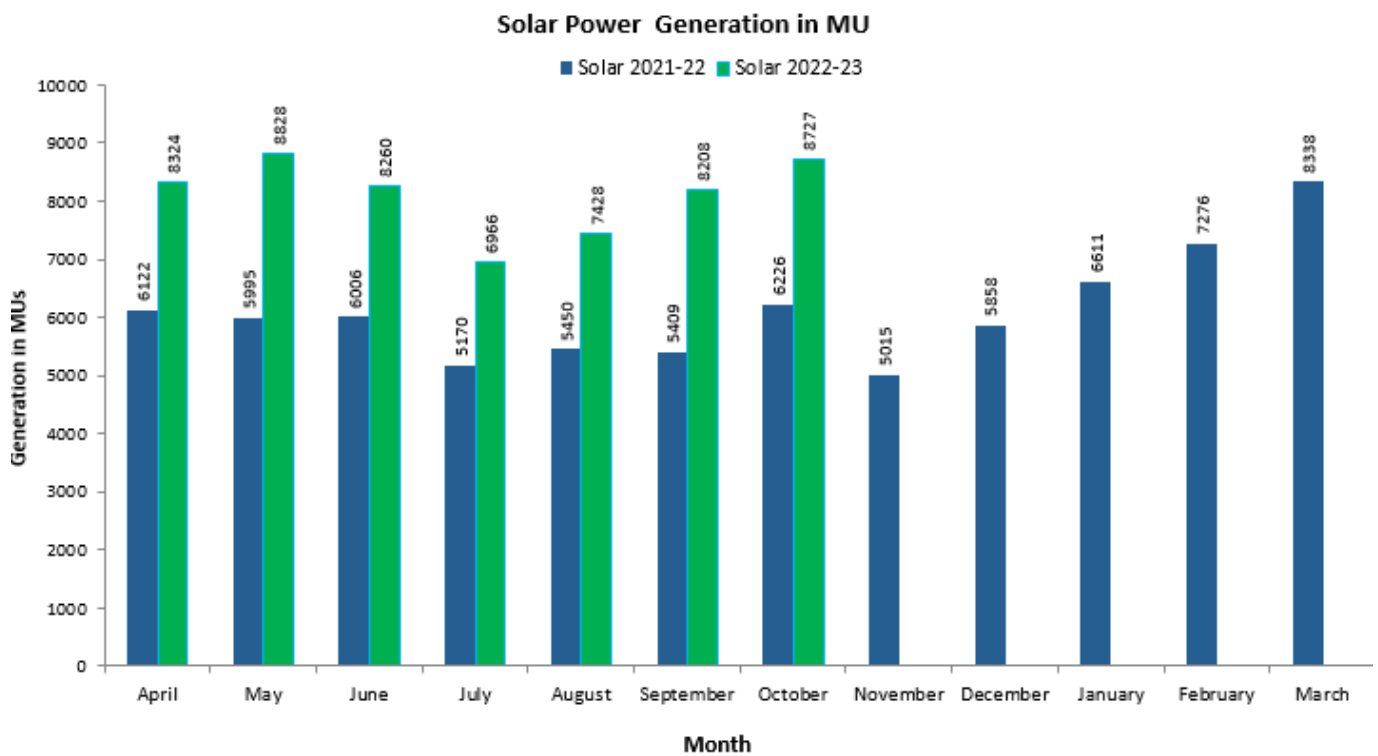


Figure 13: Month Wise Solar Power Generation for the year 2021-22 and year 2022-23.

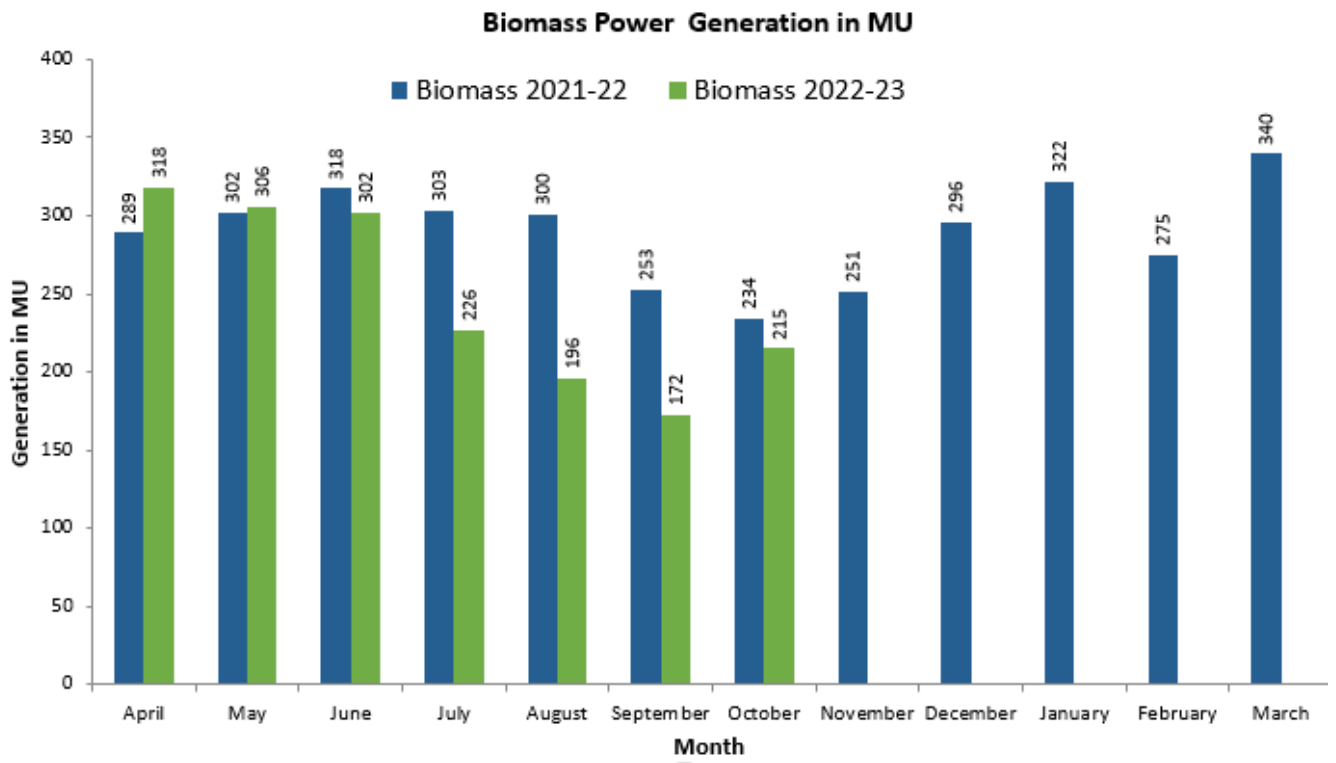


Figure 14: Month Wise Biomass Power Generation for the year 2021-22 and year 2022-23.

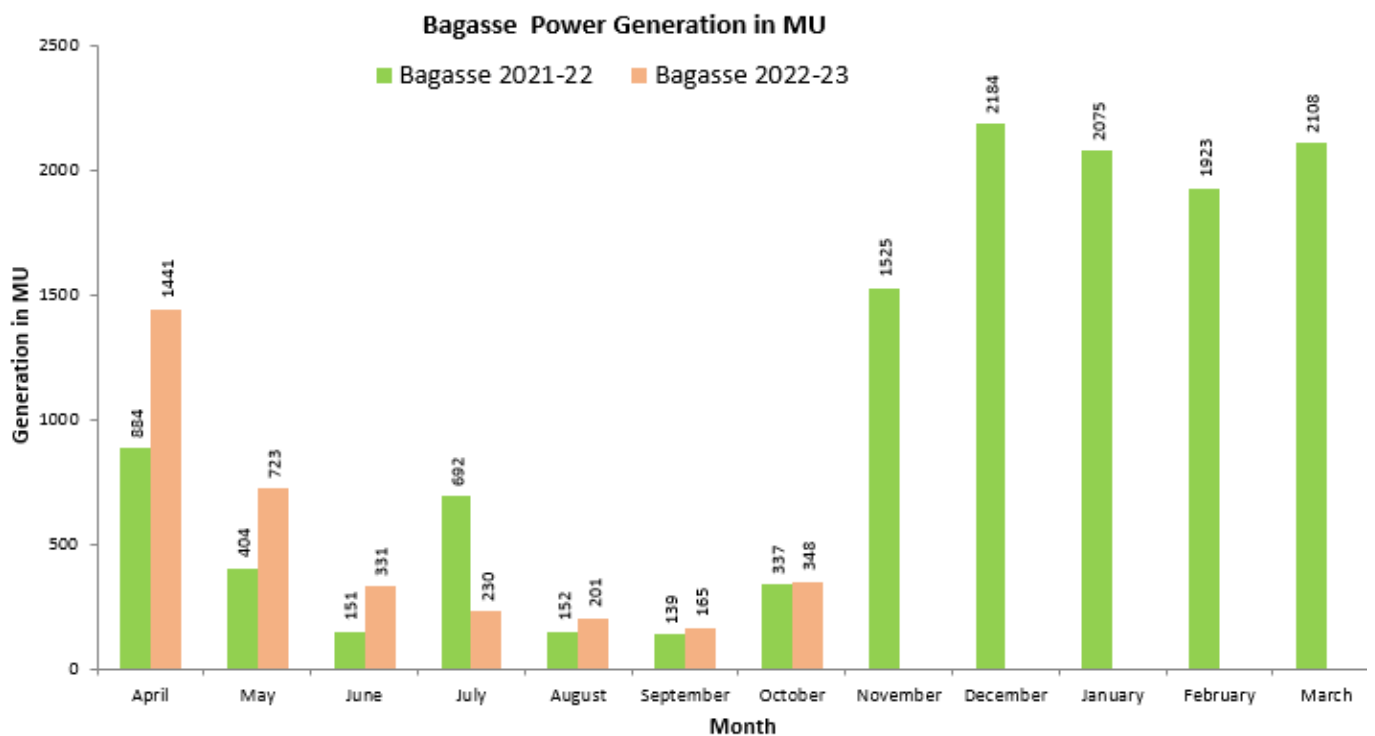


Figure 15: Month Wise Bagasse Power Generation for the year 2021-22 and year 2022-23.

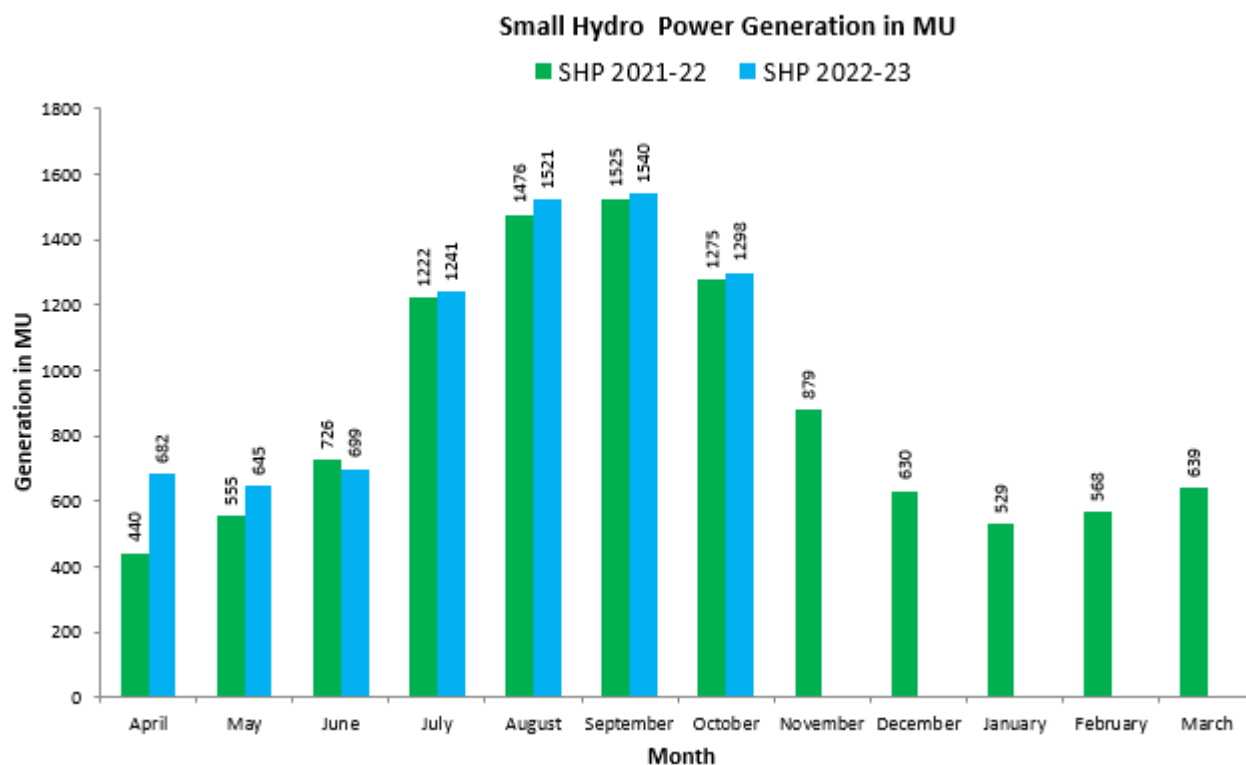


Figure 16: Month Wise Small Hydro Power Generation for the year 2021-22 and year 2022-23.

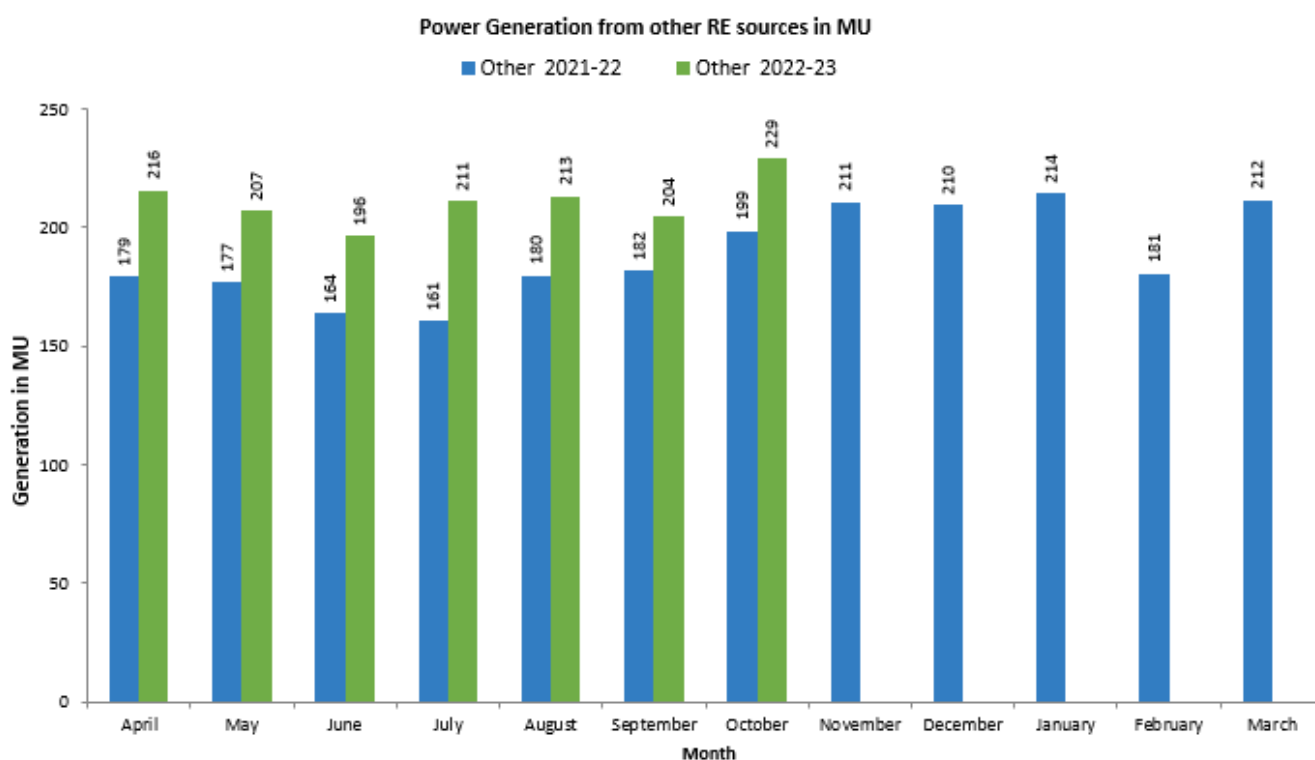


Figure 17: Month Wise Other RE (Waste Heat etc.) Power for the year 2021-22 and year 2022-23.

Year wise Generation of RE in MU

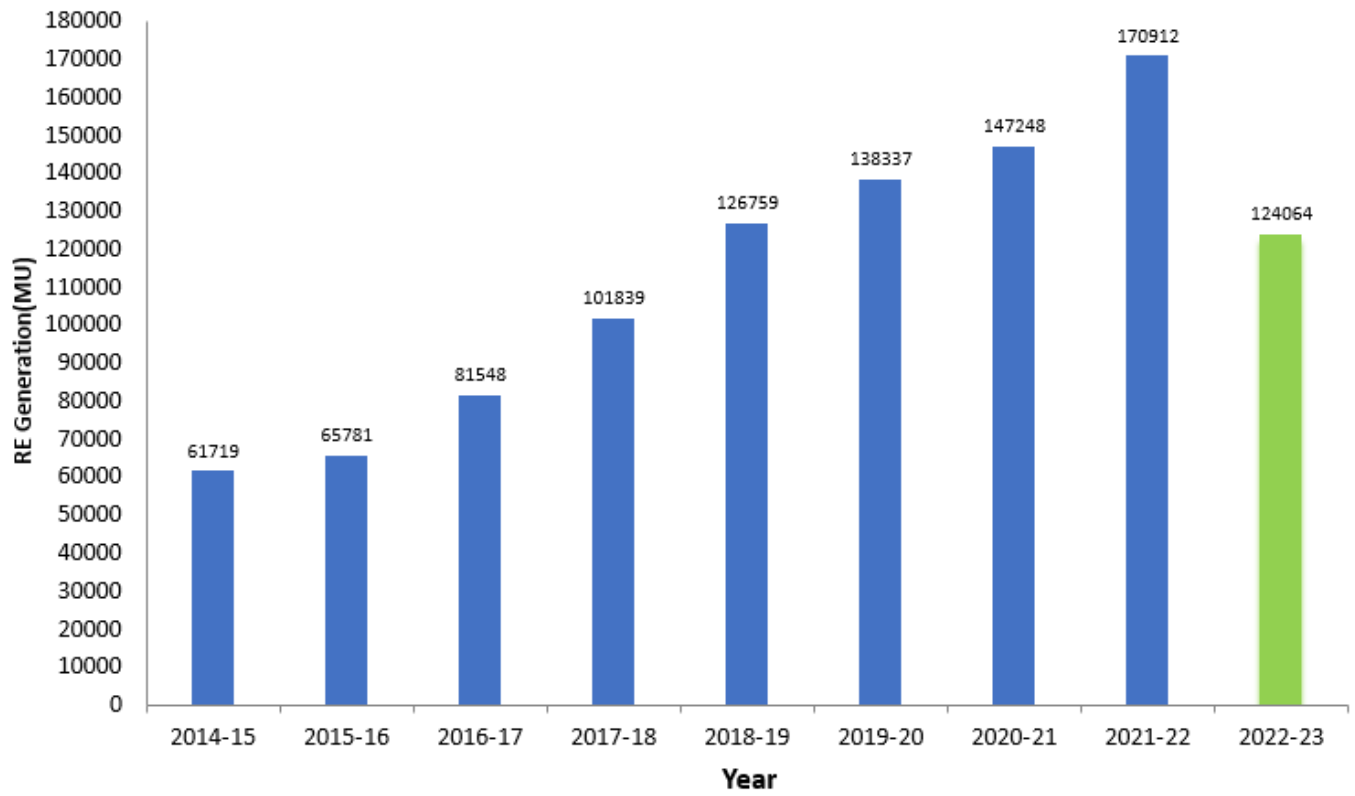


Figure 18: Year Wise RE Generation

All India Wind & Solar Power Daily Generation Report (October-2022)

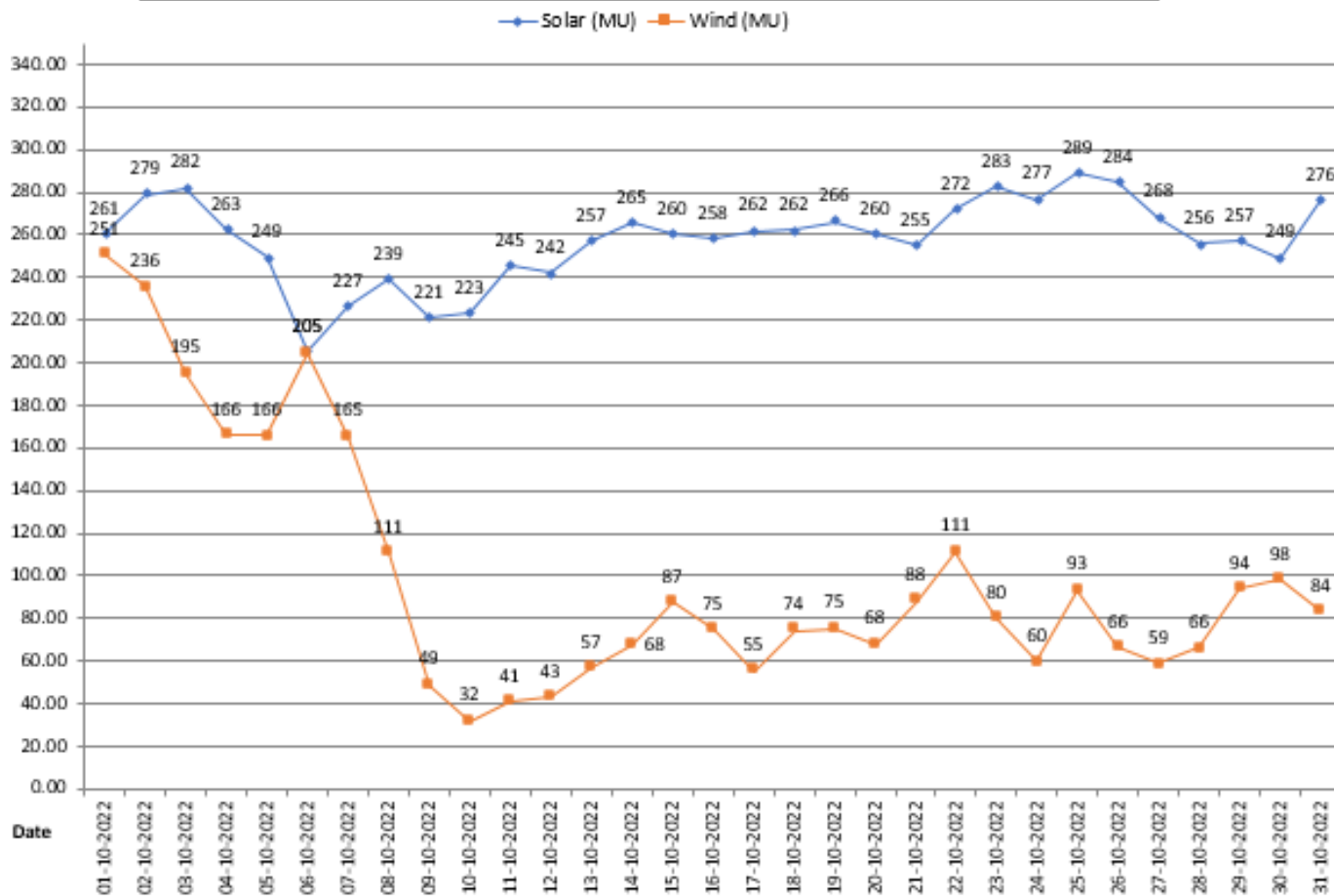


Figure 19: Daily solar and wind power generation trend in the month of October -2022

Table 1 All India Summary of Renewable Energy Generation

Summary of All India Total Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.10.2022)	RE Generation (MU) October '2022	RE Generation (MU)October '2021	% of same period Last Year	RE Generation (MU) April'2022-October '2022	RE Generation (MU) April'2021-September '2021	% of same period Last Year
पवन/Wind	41843.98	3421.80	2977.93	114.91	53046.71	51272.75	103.46
सौर/Solar	61624.27	8726.83	6225.88	140.17	56740.10	40377.57	140.52
बायोमास/Biomass	10205.61	215.18	234.16	91.89	1735.90	1998.59	86.86
बगास/Bagasse		348.19	337.44	103.19	3439.11	2759.30	124.64
लघु जल विद्युत्/Small Hydro	4923.50	1297.68	1275.26	101.76	7625.02	7218.84	105.63
अन्य/Others	495.23	228.89	198.65	115.22	1477.03	1240.96	119.02
कुल/Total	119092.59	14238.57	11249.31	126.57	124063.88	104868.02	118.30

Table 2: Renewable Energy Generation by ISGS Stations for the Month October 2022.

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Unchahar Solar*	Uttar Pradesh	Central	NTPC	Solar	1.19
Dadri Solar*	Uttar Pradesh	Central	NTPC	Solar	0.40
Singrauli Solar*	Uttar Pradesh	Central	NTPC	Solar	1.63
Auraiya	Uttar Pradesh	Central	NTPC	Solar	5.32
Kolayat	Rajasthan	Central	NTPC	Solar	71.86
ABC Renewable Energy	Rajasthan	Private	IPP	Solar	67.18
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	50.92
Acme Heerghar Powertech Pvt Ltd	Rajasthan	Private	IPP	Solar	50.73
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	IPP	Solar	212.18
Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	99.22
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	IPP	Solar	86.72
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	IPP	Solar	86.54
Adani RERJL	Rajasthan	Private	IPP	Solar	43.07
Adani SE Jaisalmer One	Rajasthan	Private	IPP	Solar	5.40
Adani SE4PL(Kilaj Solar)	Rajasthan	Private	IPP	Solar	10.81
Adani SEJ5PL	Rajasthan	Private	IPP	Solar	43.29
Adani SERJ1PL	Rajasthan	Private	IPP	Solar	66.85
Avaada Sunrays	Rajasthan	Private	IPP	Solar	37.38
Avaada RJHN	Rajasthan	Private	IPP	Solar	48.65
Avaada Sunce	Rajasthan	Private	IPP	Solar	69.90
Avaada Sustainable	Rajasthan	Private	IPP	Solar	60.37
Ayana Renewable One	Rajasthan	Private	IPP	Solar	67.78
Azure Power Forty One Private Limited	Rajasthan	Private	IPP	Solar	58.35
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	134.23
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	39.60

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Azure Power Maple	Rajasthan	Private	IPP	Solar	35.28
Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	29.57
Clean Solar Power	Rajasthan	Private	IPP	Solar	55.04
Clean Solar Power (Bhadla) Pvt Ldt	Rajasthan	Private	IPP	Solar	68.01
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	69.31
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	11.48
Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	55.41
Mega Surya Urja	Rajasthan	Private	IPP	Solar	51.94
Nindan Solar Fatehgar	Rajasthan	Private	IPP	Solar	65.84
Renew Jharkhand	Rajasthan	Private	IPP	Solar	65.86
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	10.72
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	53.97
Renew Solar Urja	Rajasthan	Private	IPP	Solar	64.95
Renew Sun Bright	Rajasthan	Private	IPP	Solar	66.05
Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	66.64
Renew Surya Ravi	Rajasthan	Private	IPP	Solar	31.5
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	46.02
Tata Power Green Energy	Rajasthan	Private	IPP	Solar	43.06
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	62.79
Thar Surya1	Rajasthan	Private	IPP	Solar	37.41
Northern Region					2410.42
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	44.07
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	43.11
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	44.11
ESPL RSP Solar	Gujarat	Private	IPP	Solar	44.83
TPREL RSP Solar	Gujarat	Private	IPP	Solar	22.70

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	22.51
Powerica Wind	Gujarat	Private	IPP	Solar	5.54
NTPC Kawas	Gujarat	Central	NTPC	Solar	8.50
GSECL	Gujarat	Private	IPP	Solar	10.88
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	25.04
Alfnar Wind	Gujarat	Private	IPP	Wind	20.38
Adani Wind Energy	Gujarat	Private	IPP	Wind	58.06
Adani Green Energy Mp Ltd(Dayapar)(CPTTNPL)	Gujarat	Private	IPP	Wind	39.76
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	25.16
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	29.97
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	0.00
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	35.75
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	34.99
Avikiran Solar India Private Limited (ASIPL)	Gujarat	Private	IPP	Wind	5.85
SITAC Wind	Gujarat	Private	IPP	Wind	29.11
SRIJAN Wind	Gujarat	Private	IPP	Wind	7.32
Western Region					557.66
Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	25.80
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	34.36
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	23.64
Mytra	Tamil Nadu	Private	IPP	Wind	25.79
Orange	Tamil Nadu	Private	IPP	Wind	27.89
Green Infra	Tamil Nadu	Private	IPP	Wind	33.84
RSTPS Floating Solar	Andhra Pradesh	Private	IPP	Solar	16.03
Simhadri Floating Solar	Andhra Pradesh	Private	IPP	Solar	3.70
Adani7	Telangana	Private	IPP	Solar	45.01
Biwadi	Andhra Pradesh	Private	IPP	Solar	8.78
Hisar	Andhra Pradesh	Private	IPP	Solar	8.78
Karnal	Andhra Pradesh	Private	IPP	Solar	8.45
Ayana	Andhra Pradesh	Private	IPP	Solar	44.49

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Azure	Andhra Pradesh	Private	IPP	Solar	7.47
FRV2	Andhra Pradesh	Private	IPP	Solar	7.92
FRV	Andhra Pradesh	Private	IPP	Solar	8.60
NTPC	Andhra Pradesh	Private	IPP	Solar	29.53
SBG	Andhra Pradesh	Private	IPP	Solar	0.00
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	43.26
Tata	Andhra Pradesh	Private	IPP	Solar	15.39
Adyah10	Karnataka	Private	IPP	Solar	54.84
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	0.00
Amplus	Karnataka	Private	IPP	Solar	8.20
Avaada	Karnataka	Private	IPP	Solar	23.42
Avaada Solarise	Karnataka	Private	IPP	Solar	25.79
Azure Power	Karnataka	Private	IPP	Solar	18.76
Fortum Finsurya	Karnataka	Private	IPP	Solar	15.51
Fortum	Karnataka	Private	IPP	Solar	43.26
Kredl	Karnataka	Private	IPP	Solar	8.10
Parampujya	Karnataka	Private	IPP	Solar	24.15
Renew	Karnataka	Private	IPP	Solar	7.94
SBG	Karnataka	Private	IPP	Solar	35.83
Tata	Karnataka	Private	IPP	Solar	67.03
Yarrow	Karnataka	Private	IPP	Solar	8.34
Southern Region					759.89
All India Total					3727.96

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

Note:-

- 1.*Generation including self-consumption and injection into grid.
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) October'2022	RE Generation (MU)' October'2021	RE Generation (MU) April'2022-October'2022	RE Generation (MU) April'2021-October '2021
NTPC							
NTPC Faridabad_Solar	Haryana	5.00	Solar	0.41	0.67	3.80	4.20
NTPC Bhadla	Rajasthan	260.00	Solar	40.12	39.17	259.96	265.09
NTPC Jetsar	Rajasthan	160.00	Solar	28.82	0.00	222.86	0.00
NTPC Fatehgarh	Rajasthan	296.00	Solar	67.89	0.00	392.29	0.00
NTPC Dadri_Solar *	Uttar Pradesh	5.00	Solar	0.40	0.58	3.73	3.99
NTPC Unchahar Solar*	Uttar Pradesh	10.00	Solar	1.19	1.14	8.35	7.31
NTPC Singrauli _Solar*	Uttar Pradesh	15.00	Solar	1.63	1.64	12.07	11.66
NTPC Auraiya	Uttar Pradesh	40.00	Solar	5.32	2.94	25.94	20.25
NTPC Singrauli	Uttar Pradesh	8.00	Small Hydro	1.69	0.00	18.16	13.72
NTPC Rojmal	Gujarat	50.00	Wind	4.21	4.19	71.47	61.29
NTPC Rajgarh _Solar	Madhya Pradesh	50.00	Solar	6.71	6.86	42.76	41.62
NTPC Mandsaur	Madhya Pradesh	250.00	Solar	34.33	34.46	222.29	216.06
NTPC Anantapuram	Andhra Pradesh	250.00	Solar	30.71	28.80	218.51	221.10
NTPC Ramagundam	Telangana	110.00	Solar	17.40	1.19	92.74	7.16
NTPC Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.39	0.40	3.01	2.84
NTPC Talchar _Solar	Orissa	10.00	Solar	1.14	1.09	7.70	7.63
NTPC Solar_Bilhaur	Uttar Pradesh	225.00	Solar	38.21	45.31	301.11	278.17
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	3.72	3.93	28.44	9.28
Kayamkulam	Kerala	92.00	Solar	18.78	0.00	83.74	0.00
Kawas	Gujarat	35.00	Solar	8.50	0.00	30.41	0.00
Gandhar	Gujarat	10.00	Solar	1.35	0.00	2.44	0.00
Shambu ki Burj-I	Rajasthan	250.00	Solar	51.00	0.00	137.02	0.00
Shambu ki Burj-II	Rajasthan	150.00	Solar	18.72	0.00	20.64	0.00
Total NTPC		2311.00		382.64	172.39	2209.44	1171.36
THDC							
THDC Patan Wind Power Project	Gujarat	50.00	Wind	2.40	2.37	54.01	52.89
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	5.04	5.70	90.40	96.41
THDC Solar Kasaragod	Kerala	50.00	Solar	8.73	7.70	48.69	45.00
THDCIL's premises at Rishikesh	Uttar Pradesh	0.50	Solar	0.04	0.04	0.32	0.22
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	10.91	4.62	49.05	29.99
Total THDC		187.50		27.12	20.43	242.47	224.51

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) October'2022	RE Generation (MU)' October'2021	RE Generation (MU) April'2022-October'2022	RE Generation (MU) April'2021-October '2021
NHPC							
NHPC Wind Power Project	Rajasthan	50.00	Wind	3.06	4.44	55.77	57.00
NHPC Solar Power Project	Tamilnadu	50.00	Solar	6.94	6.39	53.47	52.65
Total NHPC		100.00		10.00	10.83	109.24	109.65
ONGC							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	1.70	2.31	56.85	68.31
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	4.95	7.75	100.36	111.52
ONGC Solar, Goa	Goa	1.00	Solar	0.12	0.12	0.75	0.78
ONGC Solar, Hazira	Gujarat	10.00	Solar	1.17	1.29	8.08	8.15
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.69	0.56	5.05	3.71
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.09	0.09	0.55	0.65
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.12	0.12	0.84	0.77
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.48	0.00	4.01	0.54
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.48	0.40	3.02	3.19
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.15	0.15	0.98	0.97
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.24	Solar	0.13	0.13	0.89	0.83
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.02	0.16	0.17
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.02	0.01
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.01	0.05	0.05
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.03	0.00	0.18	0.00
Total ONGC		184.05		10.15	12.95	181.78	199.66
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	2.12	8.07	44.87	46.78
Sadla Wind Power	Gujarat	50.00	Solar	3.69	6.07	65.61	66.89
Charanka Solar Power	Gujarat	5.60	Solar	0.81	0.56	4.62	4.62
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.11	0.00	0.88	0.00
Total SJVN		104.20		6.74	14.70	115.98	118.30
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.16	1.97	14.53	14.28
Oil India Ltd	Rajasthan	67.60	Wind	3.60	4.83	59.24	57.62

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) October'2022	RE Generation (MU)' October'2021	RE Generation (MU) April'2022-October'2022	RE Generation (MU) April'2021-October '2021
Oil India Ltd	Gujarat	43.30	Wind	5.17	4.51	61.24	55.50
Oil India Ltd	Madhya Pradesh	63.20	Wind	4.81	3.90	70.90	82.31
Total Oil India Ltd		188.10		15.74	15.21	205.91	209.71
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.64	0.44	3.75	3.04
DVC							
DVC	West Bengal	0.08	Solar	0.01	0.10	0.05	2.96
DVC	Jharkhand	4.00	Small Hydro	0.01	2.76	0.01	9.67
Total DVC		4.08		0.02	2.86	0.06	12.63
All India Total		2865.13		453.06	249.79	3068.63	2048.86

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.

*Generation including self-consumption and Injection into grid.

Table 4:- RE Deviation Data for ISGS

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of October 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual- Schedule) in MU.
NORTHERN REGION				
ABC RENEWABLE ENERGY	Solar	68.62	67.18	-1.44
ACME HEERGARH POWERT	Solar	49.44	50.73	1.28
ACSEPL_BHADLA	Solar	53.34	50.92	-2.42
ADANI HYBRID	Solar	106.11	99.22	-6.89
ADANI HYBRID FOUR	Solar	214.90	212.18	-2.73
ADANI HYBRID THREE	Solar	86.47	86.72	0.25
ADANI HYBRID TWO	Solar	85.48	86.54	1.05
Adani RERJL	Solar	42.14	43.07	0.92
Adani SE Jaisalmer One	Solar	4.32	5.40	1.07
ADANI SE JODHPUR 2 L	Solar	10.97	11.48	0.51
Adani SE4PL	Solar	10.75	10.81	0.07
Adani SEJ5PL	Solar	40.99	43.29	2.30
Adani SERJ1PL	Solar	66.54	66.85	0.31
AURAIYA SOLAR	Solar	5.71	5.27	-0.44
AVAADA RJHN	Solar	51.70	48.65	-3.05
AVAADA SUNCE	Solar	73.73	69.90	-3.84
AVAADA SUNRAYS	Solar	38.20	37.38	-0.82
AVAADA SUSTAINABLE	Solar	62.68	60.37	-2.31
AYANA RENEWABLE ONE	Solar	67.68	67.78	0.10
AZURE FORTY ONE	Solar	59.08	58.35	-0.72
AZURE FORTY THREE	Solar	125.32	134.23	8.91
AZURE POWER MAPLE	Solar	36.60	35.28	-1.32
AZURE POWER THIRTY F	Solar	29.24	29.57	0.33
AZURE SOLAR	Solar	38.32	39.60	1.28
CLEAN SOLAR POWER	Solar	55.67	55.04	-0.63
CSP_BHADLA	Solar	59.96	68.01	8.05
DADRI SOLAR	Solar	0.53	0.41	-0.12
EDEN RENEWABLE	Solar	67.62	69.31	1.69
KOLYAT SOLAR BIKANER	Solar	72.31	71.86	-0.45
MAHINDRA RPL	Solar	55.10	55.41	0.31
MEGA SURYAURJA	Solar	53.26	51.94	-1.32
NIDAN SOLAR FATEHGAR	Solar	66.15	65.84	-0.31
RENEW JHARKHAND	Solar	66.20	65.86	-0.34
RENEW SOLAR	Solar	10.70	10.72	0.00
RENEW SOLAR URJA	Solar	66.01	64.95	0.00
RENEW SUN BRIGHT	Solar	65.47	66.05	0.58
RENEW SUN WAVES	Solar	65.98	66.64	0.67

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of October 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual- Schedule) in MU.
RENEW SURYA RAVI	Solar	28.31	31.50	3.19
RSPPL_BKN	Solar	53.29	53.97	0.68
SBSR POWER CLEANTECH	Solar	46.07	46.02	-0.05
SINGRAULI SOLAR	Solar	1.71	1.56	-0.15
TATA POWER GREEN ENERGY	Solar	48.09	43.06	-5.04
TATA SOLAR	Solar	69.12	62.79	-6.33
THAR SURYA 1	Solar	36.30	37.41	1.11
UNCHAHAHAR SOLAR	Solar	1.25	1.17	-0.08
WESTERN REGION				
Alfnar Wind	Wind	22.89	20.38	-2.50
Arinsun (Barsaitadesh)	Solar	42.12	44.07	1.96
Avikiran Solar India Private Limited (ASIPL)	Solar	6.27	5.85	-0.42
Acme Solar (Ramnagar)	Solar	43.02	43.11	0.09
Adani Green Energy Mp Ltd(Dayapar)	Wind	73.70	58.06	-15.65
AWEMP1PL_PTNGR_IDR_W	Wind	34.47	39.76	5.28
ESPL RSP Solar	Solar	43.87	44.83	0.96
GANDHAR_SOLAR	Solar	1.38	1.35	-0.02
GIPCL RSP Solar	Solar	22.22	22.51	0.29
Giwel-III (Naranpar)	Wind	33.15	29.97	-3.17
Giwel-II (Vadva)	Wind	28.18	25.16	-3.02
GSECL	Solar	10.28	10.88	0.60
IWISL (Dayapar)	Wind	0.00	0.00	0.00
NTPC Kawas	Solar	8.88	8.50	-0.38
Mahindra (Badwar)	Solar	44.06	44.11	0.05
Ostro (Kutch)	Wind	38.38	35.75	-2.63
Powerica	Solar	6.46	5.54	-0.92
Renew (Bhuvad)	Solar	31.20	25.04	-6.16
Renew Ap2 Ghadsisa)	Wind	38.95	34.99	-3.96
SITAC Wind	Wind	31.17	29.11	-2.06
SRIJAN Wind	Wind	9.09	7.32	-1.77
TPREL RSP	Solar	22.69	22.70	0.02
SOUTHERN REGION				
BEETAM	Wind	28.86	25.80	-3.06
GIREL	Wind	35.67	33.84	-1.84
MYTRAH	Wind	24.08	25.79	1.71
ORANGE	Wind	32.23	27.89	-4.34
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Wind	36.94	34.36	-2.58
GRTJIPL	Wind	24.28	23.64	-0.65

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 October 2022							
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	2.01	2.01	100.00
Delhi	0.00	156.67	0.00	0.00	43.12	199.79	21.58
Haryana	2284.55	0.00	0.00	0.00	99.27	2383.82	4.16
HP	0.00	0.00	0.00	2872.71	349.73	3222.44	100.00
J & K	0.00	0.00	0.00	890.73	27.90	918.63	100.00
Ladakh	0.00	0.00	0.00	30.90	0.00	30.90	100.00
Punjab	1956.17	0.00	0.00	366.92	370.83	2693.92	27.39
Rajasthan	4294.77	119.83	615.14	89.60	3448.41	8567.75	48.47
Uttar Pradesh	11188.06	38.68	300.22	91.67	347.57	11966.20	6.18
Uttarakhand	0.00	0.00	0.00	1473.66	77.81	1551.47	100.00
Northern Region Total	19723.55	315.18	915.36	5816.19	4766.65	31536.93	36.46
WESTERN REGION							
Chhattisgarh	10767.60	0.00	0.00	41.19	148.20	10956.99	1.73
Gujarat	3989.54	59.47	259.13	1019.05	1871.47	7198.66	43.75
Madhya Pradesh	9393.96	0.00	0.00	1018.24	596.14	11008.34	14.67
Maharashtra	8624.11	146.00	807.17	330.84	895.70	10803.82	18.82
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.36	1.36	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	32775.21	205.47	1066.30	2409.32	3514.80	39971.10	17.49
SOUTHERN REGION							
Andhra Pradesh	4230.24	7.59	0.00	632.46	991.99	5862.28	27.84
Telangana	4095.61	0.00	0.00	1444.44	592.85	6132.90	33.22
Karnataka	1448.51	0.00	618.93	1119.44	2051.21	5238.09	72.35
Kerala	0.00	0.00	0.00	707.95	164.32	872.27	100.00
Tamil Nadu	4907.78	169.21	1618.67	580.07	1760.55	9036.28	43.82
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	21.66	0.00	0.00	1.02	22.68	4.50
Southern Region Total	14682.14	190.87	2245.19	4484.36	5561.95	27164.51	45.25
EASTERN REGION							
Andaman Nicobar	26.21	0.00	0.00	0.00	3.23	29.44	10.97
Bihar	4107.04	0.00	0.00	0.00	16.37	4123.41	0.40
Jharkhand	2371.62	0.00	0.00	97.37	1.68	2470.67	4.01
Orissa	5553.57	0.00	0.00	782.85	135.07	6471.49	14.18
Sikkim	0.00	0.00	0.00	1350.56	1.03	1351.59	100.00
West Bengal	6999.45	0.00	0.00	377.06	182.93	7559.44	7.41
Eastern Region Total	19057.89	0.00	0.00	2607.84	340.32	22006.05	13.40

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of October 2022

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	597.96	0.28	598.24	100.00
Assam	356.51	261.81	0.00	66.26	25.76	710.34	12.95
Manipur	0.00	0.00	0.00	40.07	0.75	40.82	100.00
Meghalaya	0.00	0.00	0.00	99.63	3.96	103.59	100.00
Mizoram	0.00	0.00	0.00	35.86	8.26	44.12	100.00
Nagaland	0.00	0.00	0.00	21.18	15.20	36.38	100.00
Tripura	0.00	609.36	0.00	0.00	0.64	610.00	0.11
North Eastern Region Total	356.51	871.17	0.00	860.96	54.85	2143.49	42.73
All India Total	86595.30	1582.69	4226.85	16178.67	14238.57	122822.08	28.21

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 October 2022							
State/UT	Thermal	Gas	Nuclear	Hydro(Large)	Renewable Energy	Grand Total	RE as % of Total
NORTHERN REGION							
Chandigarh	0.00	0.00	0.00	0.00	2.01	2.01	100.00
Delhi	0.00	156.67	0.00	0.00	43.12	199.79	21.58
Haryana	2284.55	0.00	0.00	0.00	99.27	2383.82	4.16
HP	0.00	0.00	0.00	2872.71	349.73	3222.44	10.85
J & K	0.00	0.00	0.00	890.73	27.90	918.63	3.04
Ladakh	0.00	0.00	0.00	30.90	0.00	30.90	0.00
Punjab	1956.17	0.00	0.00	366.92	370.83	2693.92	13.77
Rajasthan	4294.77	119.83	615.14	89.60	3448.41	8567.75	40.25
Uttar Pradesh	11188.06	38.68	300.22	91.67	347.57	11966.20	2.90
Uttarakhand	0.00	0.00	0.00	1473.66	77.81	1551.47	5.02
Northern Region Total	19723.55	315.18	915.36	5816.19	4766.65	31536.93	15.11
WESTERN REGION							
Chhattisgarh	10767.60	0.00	0.00	41.19	148.20	10956.99	1.35
Gujarat	3989.54	59.47	259.13	1019.05	1871.47	7198.66	26.00
Madhya Pradesh	9393.96	0.00	0.00	1018.24	596.14	11008.34	5.42
Maharashtra	8624.11	146.00	807.17	330.84	895.70	10803.82	8.29
Daman and Diu, Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.36	1.36	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	32775.21	205.47	1066.30	2409.32	3514.80	39971.10	8.79
SOUTHERN REGION							
Andhra Pradesh	4230.24	7.59	0.00	632.46	991.99	5862.28	16.92
Telangana	4095.61	0.00	0.00	1444.44	592.85	6132.90	9.67
Karnataka	1448.51	0.00	618.93	1119.44	2051.21	5238.09	39.16
Kerala	0.00	0.00	0.00	707.95	164.32	872.27	18.84
Tamil Nadu	4907.78	169.21	1618.67	580.07	1760.55	9036.28	19.48
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	21.66	0.00	0.00	1.02	22.68	4.50
Southern Region Total	14682.14	190.87	2245.19	4484.36	5561.95	27164.51	20.48
EASTERN REGION							
Andaman Nicobar	26.21	0.00	0.00	0.00	3.23	29.44	10.97
Bihar	4107.04	0.00	0.00	0.00	16.37	4123.41	0.40
Jharkhand	2371.62	0.00	0.00	97.37	1.68	2470.67	0.07
Orissa	5553.57	0.00	0.00	782.85	135.07	6471.49	2.09
Sikkim	0.00	0.00	0.00	1350.56	1.03	1351.59	0.08
West Bengal	6999.45	0.00	0.00	377.06	182.93	7559.44	2.42
Eastern Region Total	19057.89	0.00	0.00	2607.84	340.32	22006.05	1.55

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of October 2022

State/UT	Thermal	Gas	Nuclear	Hydro(Large)	Renewable Energy	Grand Total	RE as % of Total
NORTH-EASTERN REGION							
Arunachal Pradesh	0.00	0.00	0.00	597.96	0.28	598.24	0.05
Assam	356.51	261.81	0.00	66.26	25.76	710.34	3.63
Manipur	0.00	0.00	0.00	40.07	0.75	40.82	1.83
Meghalaya	0.00	0.00	0.00	99.63	3.96	103.59	3.82
Mizoram	0.00	0.00	0.00	35.86	8.26	44.12	18.72
Nagaland	0.00	0.00	0.00	21.18	15.20	36.38	41.78
Tripura	0.00	609.36	0.00	0.00	0.64	610.00	0.11
North Eastern Region Total	356.51	871.17	0.00	860.96	54.85	2143.49	2.56
All India Total	86595.30	1582.69	4226.85	16178.67	14238.57	122822.08	11.59

RE generation(MUs) data (source wise) for the month of October 2022 and October 2021

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Oct'22	Oct'21	Oct'22	Oct'21	Oct' 22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21
NORTHERN REGION														
Chandigarh	0.00	0.00	2.01	2.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.01	2.04
Delhi	0.00	0.00	17.08	20.04	0.00	0.00	0.00	0.00	0.00	0.00	26.04	23.77	43.12	43.81
Haryana	0.00	0.00	24.70	53.04	31.41	12.46	0.00	0.00	37.81	35.42	5.35	4.11	99.27	105.03
Himachal Pradesh	0.00	0.00	4.40	3.25	0.00	0.00	0.00	0.00	345.33	285.96	0.00	0.00	349.73	289.21
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.90	31.40	0.00	0.00	27.90	31.40
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	283.48	125.01	37.29	49.21	0.00	0.24	50.06	34.75	0.00	0.00	370.83	209.21
Rajasthan	243.51	356.17	3170.30	1555.77	34.56	24.10	0.00	0.00	0.04	0.12	0.00	0.00	3448.41	1936.16
Uttar Pradesh	0.00	0.00	305.79	276.35	0.37	6.54	14.58	6.02	23.76	18.79	3.07	0.00	347.57	307.71
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	243.51	356.17	3835.41	2060.13	103.63	92.31	35.29	26.52	514.35	433.23	34.46	27.88	4766.65	2996.24
WESTERN REGION														
Chhattisgarh	0.00	0.00	55.64	43.40	67.13	75.66	0.00	0.00	25.44	25.17	0.00	0.00	148.20	144.24
Gujarat	959.35	712.19	890.54	569.86	0.00	0.00	0.03	1.79	21.56	16.89	0.00	0.00	1871.47	1300.73
Madhya Pradesh	236.98	144.54	321.89	371.39	0.00	1.73	0.02	0.00	33.83	21.72	3.42	2.68	596.14	542.06
Maharashtra	335.51	276.16	386.56	279.64	16.60	21.58	85.28	102.03	71.73	68.55	0.02	0.00	895.70	747.97
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.36	6.96	0.00	1.08	0.00	0.00	0.00	0.00	0.00	0.00	1.36	8.05
Goa	0.00	0.00	1.51	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	1.94	0.10
Western Region	1531.83	1132.89	1657.49	1271.35	83.73	100.06	85.33	103.82	152.56	132.33	3.86	2.68	3514.80	2743.14

RE generation(MUs) data (source wise) for the month of October 2022 and October 2021

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Oct'22	Oct'21	Oct'22	Oct'21	Oct' 22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21
SOUTHERN REGION														
Andhra Pradesh	273.67	195.38	634.24	632.52	1.55	8.95	5.39	3.77	49.86	48.29	27.28	8.25	991.99	897.16
Telangana	14.71	12.00	540.86	570.74	0.32	8.06	0.00	2.60	21.87	20.45	15.10	19.01	592.85	632.85
Karnataka	427.88	366.59	1120.74	1022.38	7.51	15.18	177.25	163.38	317.84	394.76	0.00	0.00	2051.21	1962.29
Kerala	7.11	7.64	71.81	39.24	0.00	0.00	3.49	4.13	81.92	108.32	0.00	0.00	164.32	159.33
Tamil Nadu	923.09	907.25	754.99	542.54	10.51	3.50	41.45	33.21	30.51	31.32	0.00	0.00	1760.55	1517.82
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	1646.46	1488.87	3123.65	2808.44	19.89	35.69	227.57	207.09	502.00	603.14	42.38	27.26	5561.95	5170.48
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.66	1.86	0.00	0.00	0.00	0.00	1.57	1.65	0.00	0.00	3.23	3.51
Bihar	0.00	0.00	14.89	14.18	0.00	0.00	0.00	0.00	1.48	0.00	0.00	0.00	16.37	14.18
Jharkhand	0.00	0.00	1.68	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	1.30
Orissa	0.00	0.00	59.25	52.52	7.93	6.11	0.00	0.00	67.89	57.26	0.00	0.00	135.07	115.89
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	10.87	7.50	0.00	0.00	0.00	0.00	23.90	23.71	148.16	140.83	182.93	172.05
Eastern Region	0.00	0.00	88.36	77.36	7.93	6.11	0.00	0.00	95.87	83.66	148.16	140.83	340.32	307.96

RE generation(MUs) data (source wise) for the month of October 2022 and October 2021														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Oct'22	Oct'21	Oct'22	Oct'21	Oct' 22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21	Oct'22	Oct'21
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	0.03	0.00	0.28	0.17
Assam	0.00	0.00	20.07	7.45	0.00	0.00	0.00	0.00	5.69	3.08	0.00	0.00	25.76	10.53
Manipur	0.00	0.00	0.75	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.49
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.96	4.26	0.00	0.00	3.96	4.26
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	12.37	0.00	0.00	15.20	12.37
Tripura	0.00	0.00	0.64	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.46
North Eastern Region	0.00	0.00	21.92	8.60	0.00	0.00	0.00	0.00	32.91	22.91	0.03	0.00	54.85	31.51
All India Total	3421.80	2977.93	8726.83	6225.88	215.18	234.16	348.19	337.44	1297.68	1275.26	228.89	198.65	14238.57	11249.32

Table 7: Monthly Source wise RE generation October 2022 and October 2021

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

RE generation(MUs) data (Source wise) for the year 2022-23(up to Oct 22) & year 2021-22(up to Oct 21)														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22-Oct'22-	Apr 21-Oct'21-	Apr 22-Oct'22-	Apr 21-Oct'21-	Apr 22-Oct'22-	Apr 21-Oct'21-	Apr 22-Oct'22-	Apr 21-Oct'21-	Apr 22-Oct'22-	Apr 21-Oct'21-	Apr 22-Oct'22-	Apr 21-Oct'21-	Apr 22-Oct'22-	Apr 21-Oct'21-
NORTHERN REGION														
Chandigarh	0.00	0.00	7.83	9.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	9.32
Delhi	0.00	0.00	150.33	125.64	0.00	0.00	0.00	0.00	0.00	0.00	159.34	134.64	309.67	260.28
Haryana	0.00	0.00	402.94	286.14	209.61	97.74	125.76	14.75	170.77	163.83	32.65	4.11	941.73	566.57
Himachal Pradesh	0.00	0.00	37.96	25.60	0.00	0.00	0.00	0.00	2077.80	1528.65	0.00	0.00	2115.76	1554.25
J & K	0.00	0.00	0.00	1.71	0.00	0.00	0.00	0.00	288.02	310.80	0.00	0.00	288.02	312.51
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	1395.44	906.41	245.89	319.14	44.78	36.96	450.87	818.75	0.00	0.22	2136.98	2081.49
Rajasthan	4465.76	4875.26	19540.42	8309.31	224.97	222.32	0.00	0.00	0.29	0.45	0.00	0.00	24231.45	13407.35
Uttar Pradesh	0.00	0.00	2120.56	1665.58	41.62	52.10	604.70	586.97	133.63	93.97	32.73	0.00	2933.23	2398.61
Uttarakhand	0.00	0.00	193.55	172.41	0.00	0.00	144.97	141.82	206.15	187.46	0.00	0.00	544.67	501.69
Northern Region	4465.76	4875.26	23849.03	11502.13	722.09	691.30	920.21	780.50	3327.53	3103.91	224.72	138.97	33509.34	21092.07
WESTERN REGION														
Chhattisgarh	0.00	0.00	298.85	234.37	620.03	728.14	0.60	0.00	121.75	148.01	0.00	0.00	1041.24	1110.53
Gujarat	12639.39	11686.43	5553.31	3522.20	0.00	0.00	2.88	3.83	111.19	87.79	2.24	0.00	18309.01	15300.24
Madhya Pradesh	3253.74	3004.34	2280.98	2343.30	6.94	2.62	22.17	2.86	180.80	125.50	21.36	18.13	5765.99	5496.76
Maharashtra	5659.20	5522.51	2196.95	1850.92	149.26	189.45	1162.99	669.36	497.99	502.60	0.33	0.05	9666.72	8734.89
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	20.56	44.50	3.22	6.81	0.00	0.00	0.00	0.00	0.00	0.00	23.78	51.32
Goa	0.00	0.00	7.31	0.74	0.00	0.00	0.00	0.00	0.00	0.00	2.97	0.00	10.28	0.74
Western Region	21552.32	20213.28	10357.95	7996.03	779.45	927.03	1188.65	676.06	911.73	863.90	26.90	18.17	34817.01	30694.49

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Oct'22-	Apr 21- Oct'21-	Apr 22- Oct'22-	Apr 21- Oct'21-	Apr 22- Oct'22-	Apr 21- Oct'21-	Apr 22- Oct'22-	Apr 21- Oct'21	Apr 22- Oct'22-	Apr 21- Oct'21	Apr 22- Oct'22-	Apr 21- Oct'21	Apr 22- Oct'22-	Apr 21- Oct'21
SOUTHERN REGION														
Andhra Pradesh	5752.21	5505.31	4638.13	4602.11	39.48	67.13	55.39	22.04	185.13	188.09	163.55	48.64	10833.89	10433.32
Telangana	185.30	176.99	3721.95	3711.63	19.83	68.93	7.17	2.60	65.78	54.89	93.29	147.93	4093.31	4162.97
Karnataka	6876.62	7127.56	7791.95	7543.92	74.83	117.56	822.77	965.91	1692.06	1719.52	0.00	0.00	17258.23	17474.47
Kerala	94.73	100.11	398.10	268.36	0.00	0.00	34.67	28.25	628.59	591.65	0.00	0.00	1156.09	988.36
Tamil Nadu	14119.78	13274.24	5246.80	4191.20	74.60	67.13	410.25	283.96	163.04	171.10	0.00	0.00	20014.47	17987.63
Lakshadweep	0.00	0.00	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.16
Puducherry	0.00	0.00	7.14	7.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14	7.14
Southern Region	27028.63	26184.20	21804.13	20324.52	208.74	320.75	1330.25	1302.75	2734.60	2725.25	256.84	196.58	53363.20	51054.05
EASTERN REGION														
Andaman Nicobar	0.00	0.00	14.18	11.59	0.00	0.00	0.00	0.00	9.26	8.25	0.00	0.00	23.44	19.84
Bihar	0.00	0.00	101.64	93.93	0.00	2.14	0.00	0.00	9.87	4.16	0.00	0.00	111.51	100.23
Jharkhand	0.00	0.00	12.25	10.22	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	12.25	10.48
Orissa	0.00	0.00	386.98	334.84	25.62	57.37	0.00	0.00	310.41	278.89	0.00	0.00	723.01	671.11
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.21	7.21	0.00	0.00	7.21	7.21
West Bengal	0.00	0.00	70.66	56.60	0.00	0.00	0.00	0.00	127.87	119.31	968.54	887.24	1167.07	1063.15
Eastern Region	53046.71	51272.75	585.70	507.18	25.62	59.51	0.00	0.00	464.61	418.08	968.54	887.24	2044.48	1872.02

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Oct'22-	Apr 21- Oct'21-	Apr 22- Oct'22-	Apr 21- Oct'21-	Apr 22- Oct'22-	Apr 21- Oct'21-	Apr 22- Oct'22-	Apr 21- Oct'21	Apr 22- Oct'22-	Apr 21- Oct'21	Apr 22- Oct'22-	Apr 21- Oct'21	Apr 22- Oct'22-	Apr 21- Oct'21
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	21.32	1.01	0.00	0.00	0.00	0.00	2.21	0.18	0.03	0.00	23.56	1.20
Assam	0.00	0.00	111.34	38.21	0.00	0.00	0.00	0.00	40.02	25.71	0.00	0.00	151.36	63.92
Manipur	0.00	0.00	4.98	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	4.98	3.91
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.56	26.01	0.00	0.00	53.56	26.01
Mizoram	0.00	0.00	1.88	1.25	0.00	0.00	0.00	0.00	19.09	11.09	0.00	0.00	20.97	12.34
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.67	43.26	0.00	0.00	71.67	43.26
Tripura	0.00	0.00	3.75	3.33	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	3.75	4.77
North Eastern Region	0.00	0.00	143.28	47.71	0.00	0.00	0.00	0.00	186.55	107.70	0.03	0.00	329.86	155.40
All India Total	53046.71	51272.75	56740.10	40377.57	1735.90	1998.59	3439.11	2759.30	7625.02	7218.84	1477.03	1240.96	124063.88	104868.02



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