



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority



Monthly Renewable Energy Generation Broad Overview

मासिक नवीकरणीय ऊर्जा उत्पादन व्यापक दृष्टिकोण

September-2022/ सितम्बर-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 September 2022

1. RE capacity addition during September 2022 has been 2002.68MW (Solar - 1511.20MW and Wind –461.40 MW).
2. RE generation during September 2022 has increased by 16.94 % as compared to September 2021.
3. Solar Power generation during September 2022 as compared to September 2021 has increased by about 51.74% on All India basis in all states except Madhya Pradesh.
4. Wind Power generation during September 2022 as compared to September 2021 has decreased by about 4.68%.
5. Biomass Power generation during September 2022 as compared to September 2021 has decreased by about 31.82%.
6. Bagasse power generation during September 2022 as compared to September 2021 has increased (about 18.82 % on All India basis) in all states except Maharashtra and Karnataka.
7. Others (Waste to Heat) Power generation during September 2022 as compared to September 2021 has increased by about 12.33%.
8. Small Hydro Power generation during September 2022 as compared to September 2021 has increased by about .95%.

Summary of RE Installed capacity (IC) for the Month of September 22

Increased by 135.74% as compared to September21.
Increased by 22% as compared to August 22.

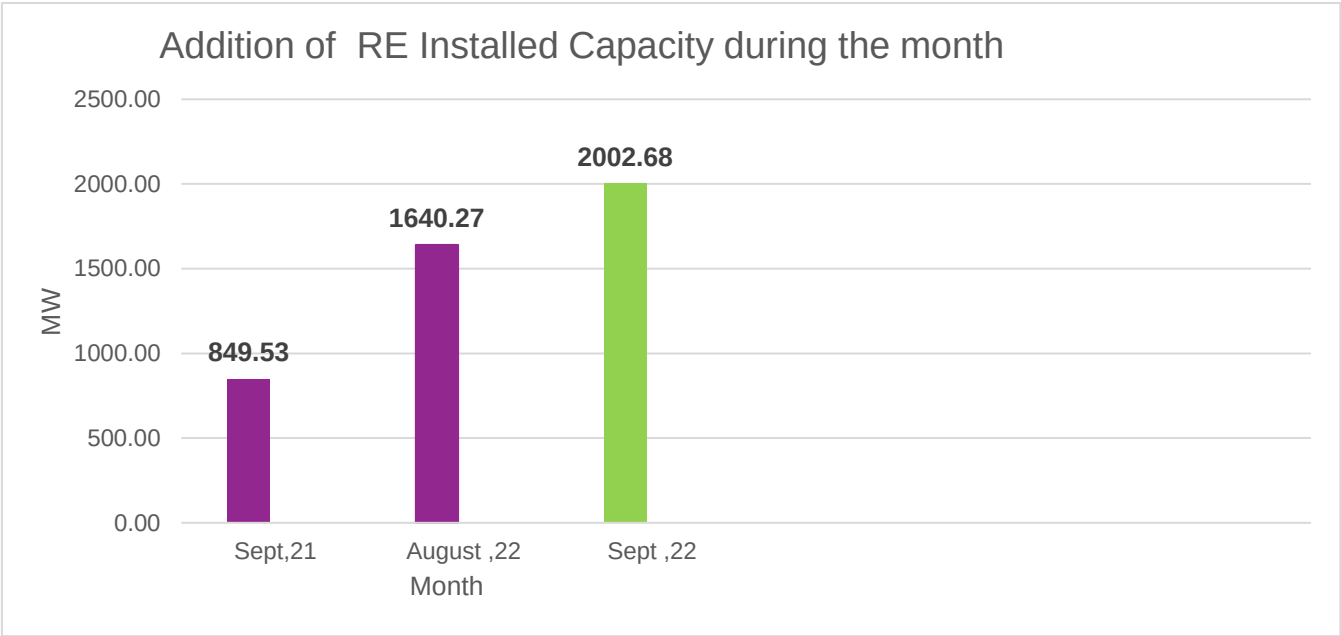


Figure 1: RE capacity added during the Month

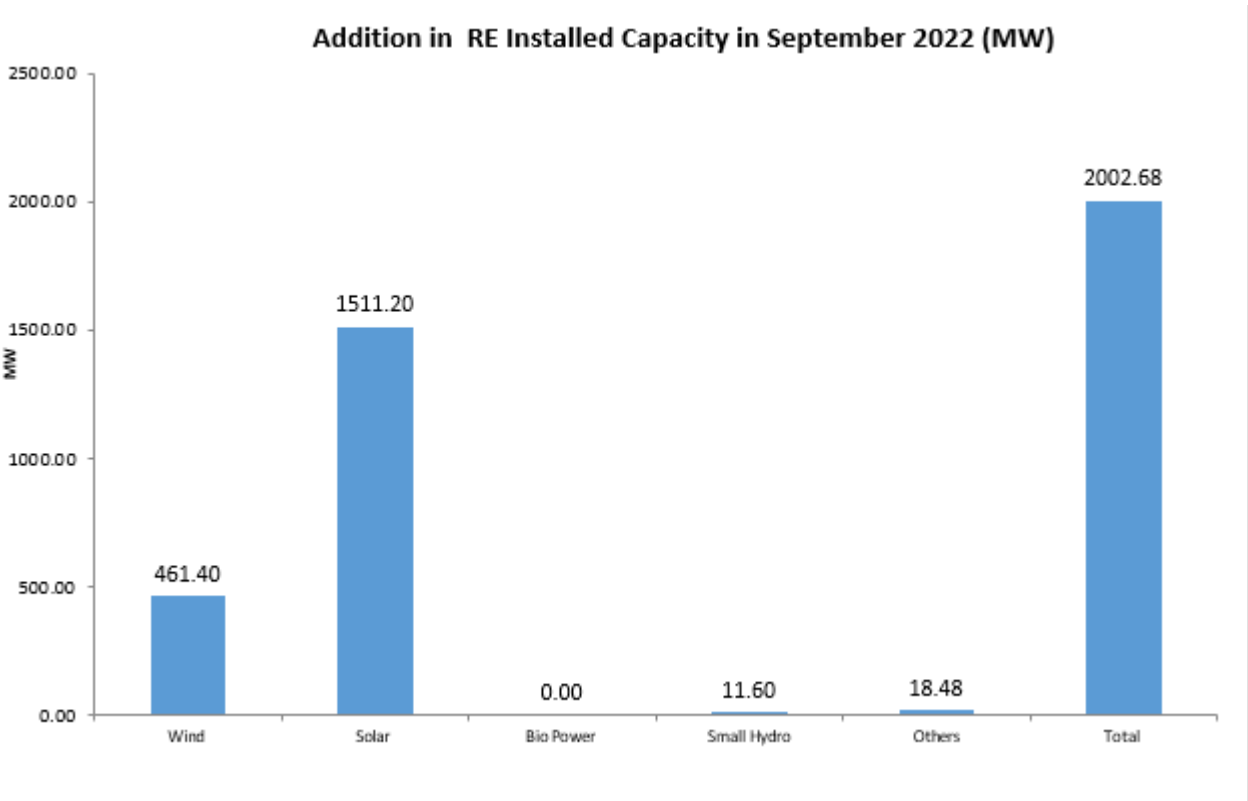


Figure 2: Source wise addition in RE Installed Capacity in September 22

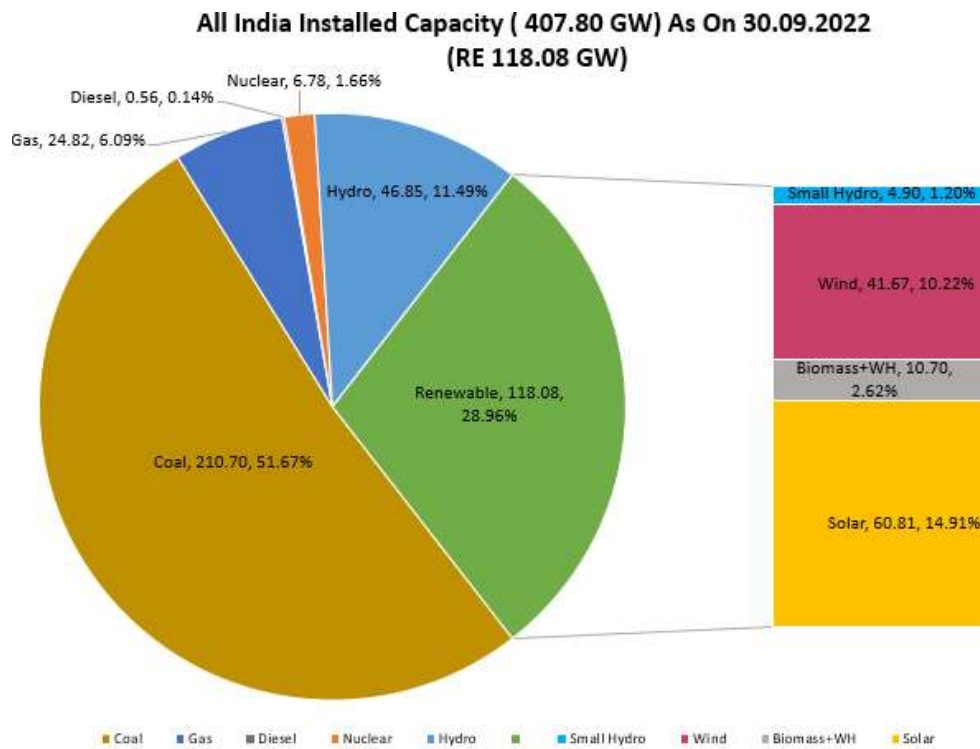


Figure 3: Installed Capacity in India as on 30.09.2022

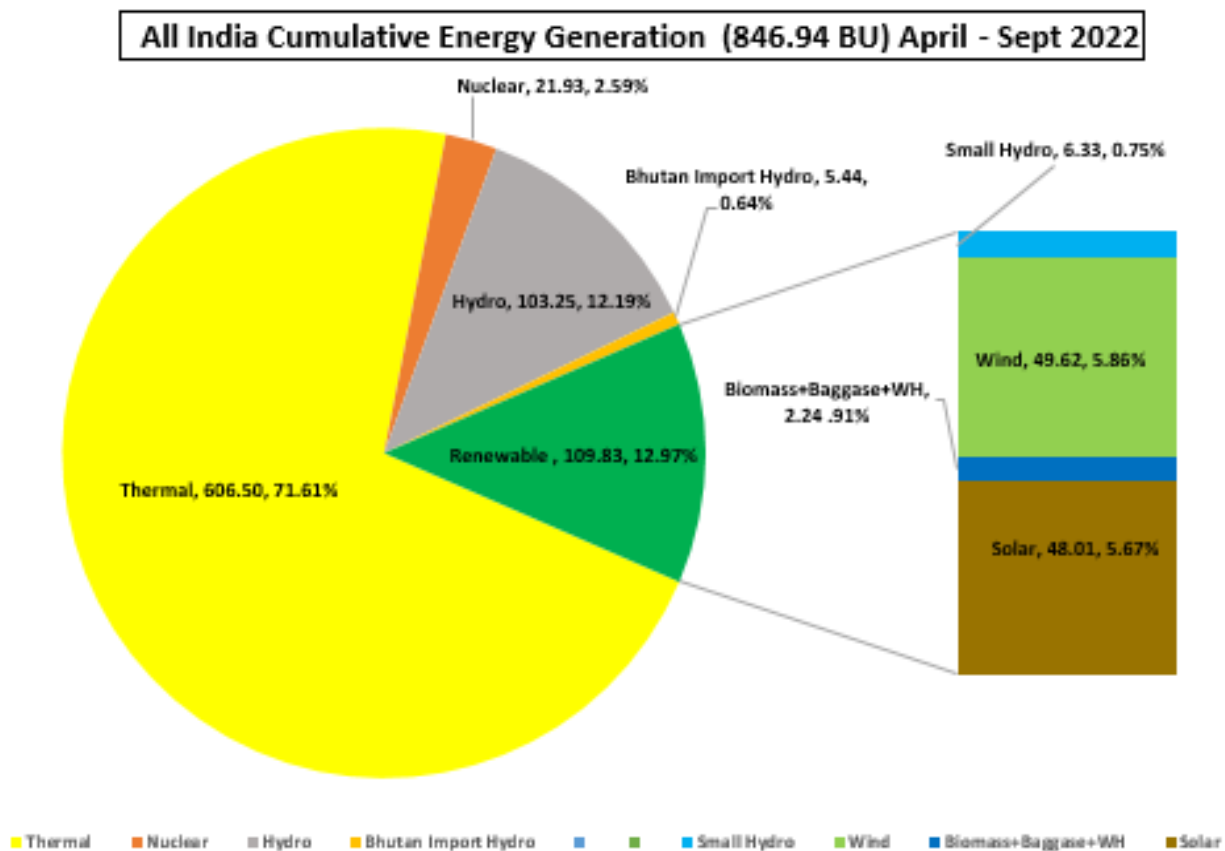


Figure 4: Cumulative Total Energy Generation in India and Share of RE for the year 2022-23(up to Sept 22).

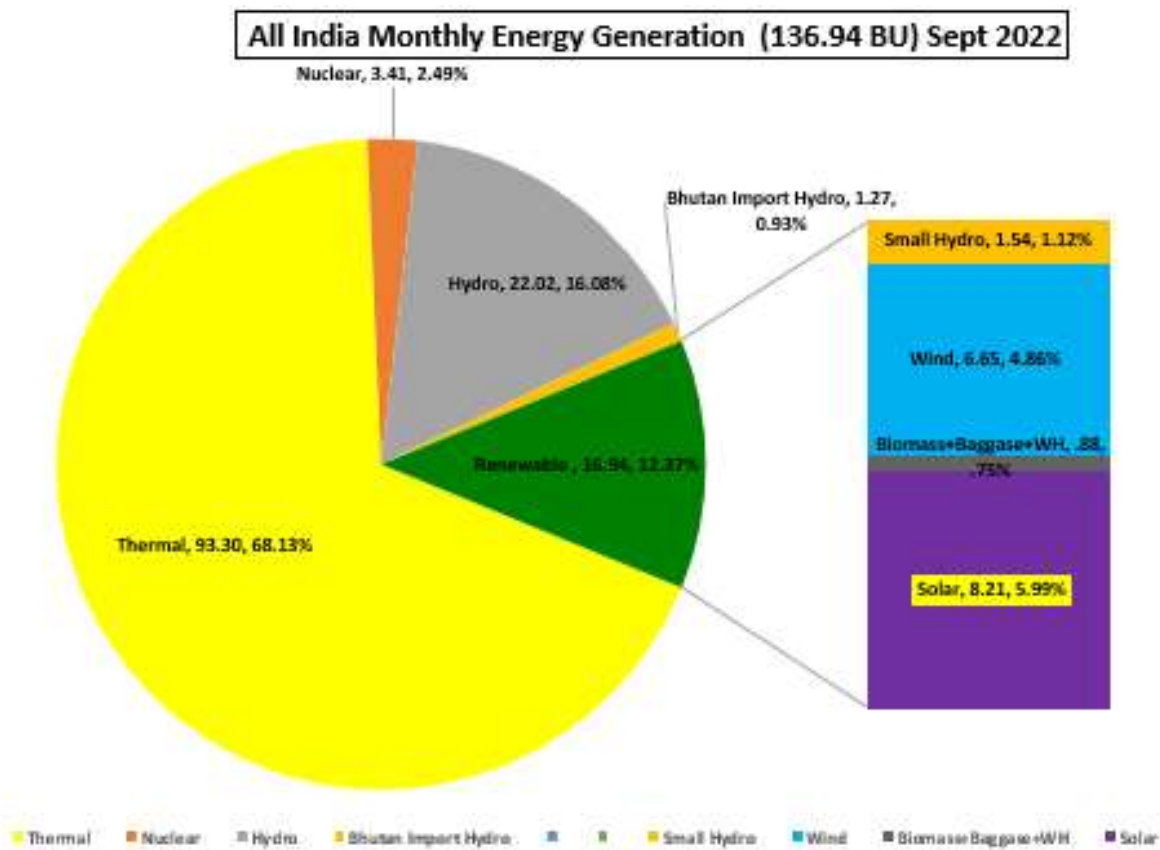


Figure 5: Total Energy Generation in India and Share of RE in the month of September -2022

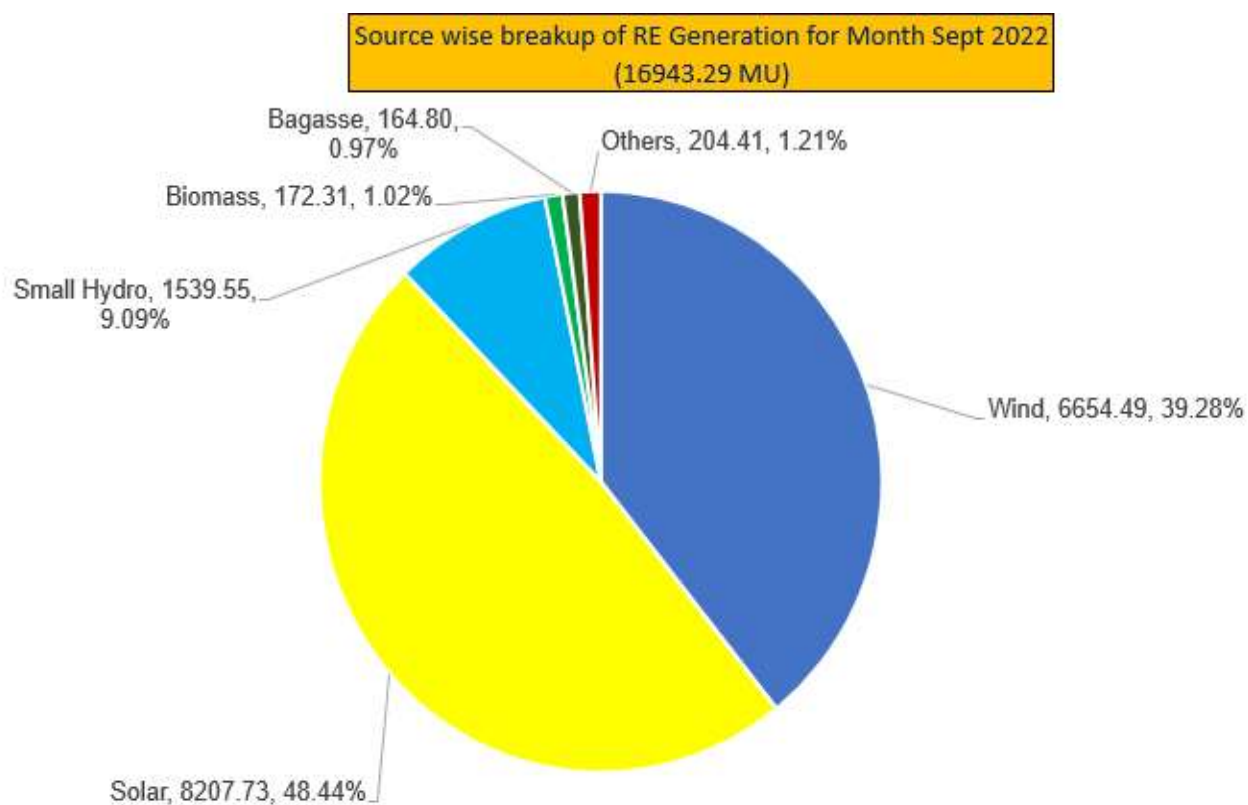


Figure 6: Source wise breakup of RE Generation in the month of September -2022

Source wise breakup of cumulative RE Generation for April 22- Sept 22
(109825.32 MU)

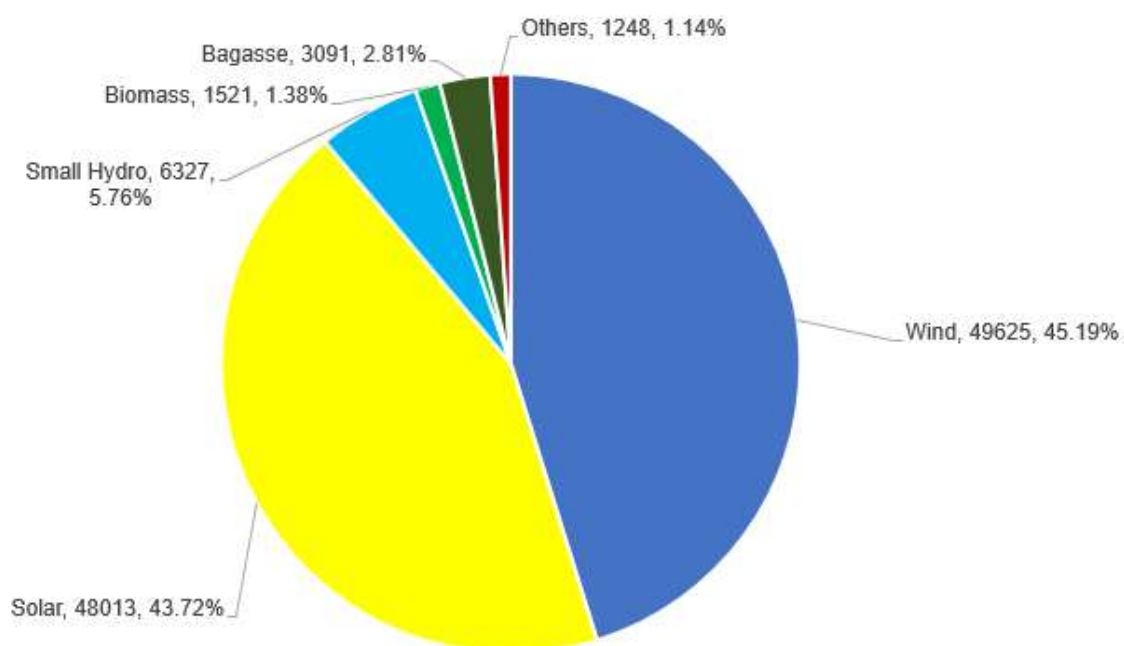


Figure 7: Source wise breakup of Cumulative RE Generation for the year 2022-23(up to Sept 22).

Summary of Renewable Energy Generation

Increased by 16.94% as compared to September 21.

Decreased by 7.18 % as compared to August 22.

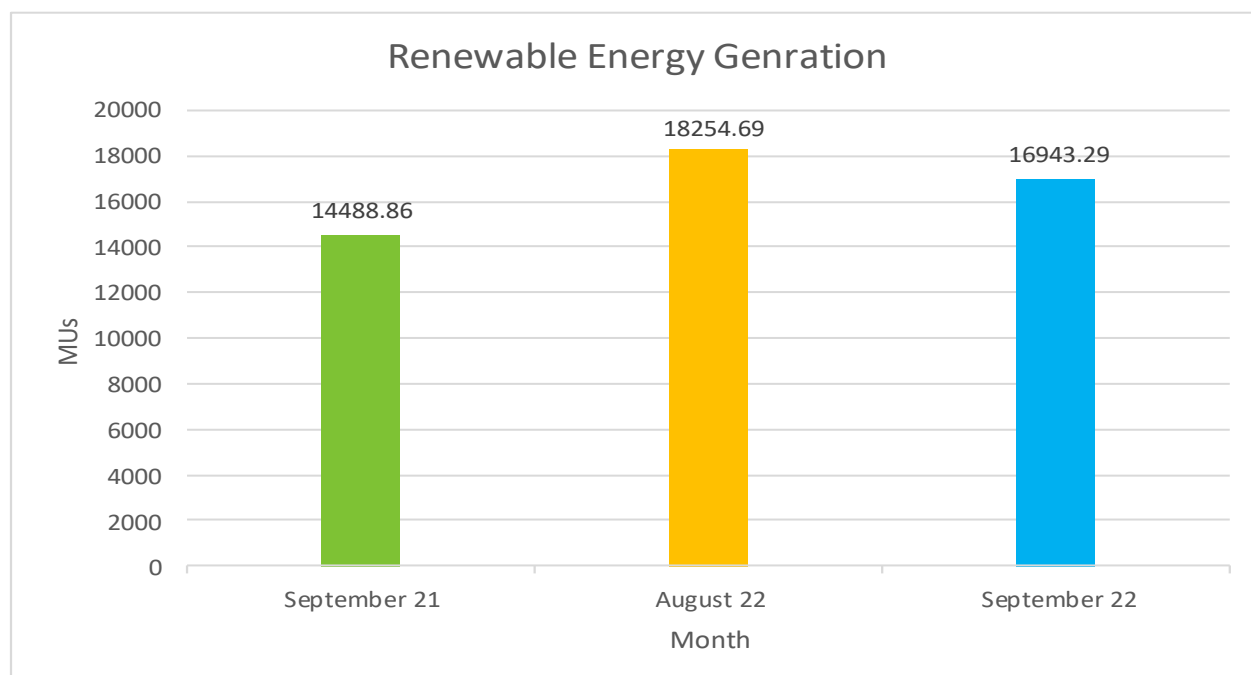


Figure 8: Renewable Energy Generation

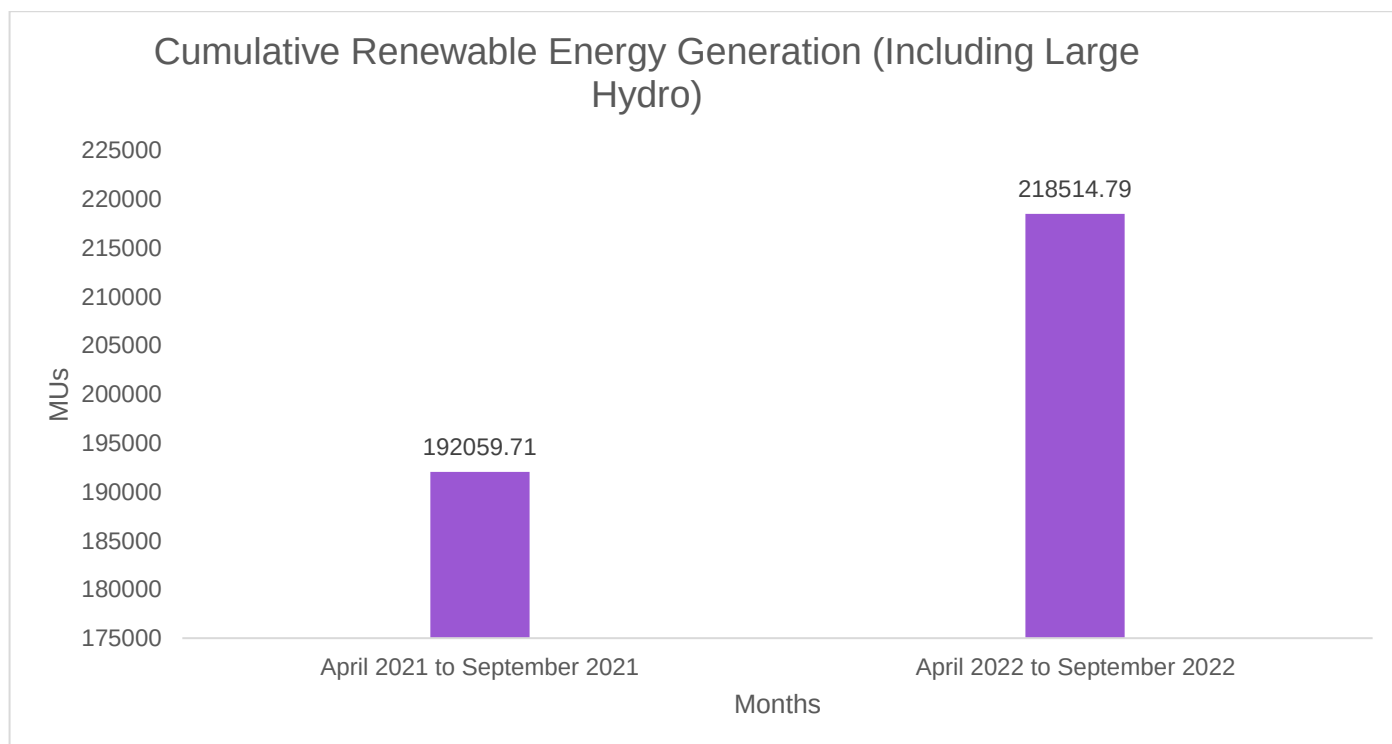


Figure 9: Cumulative Renewable Energy Generation (Including Large Hydro)

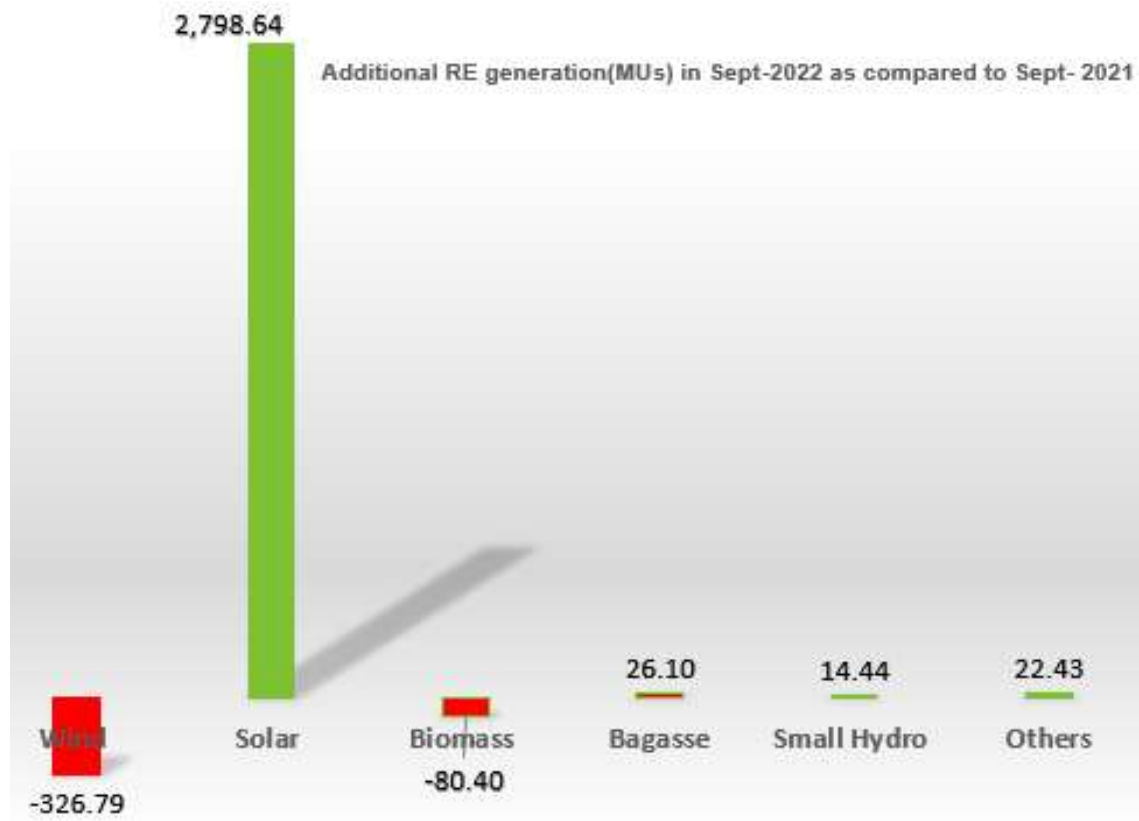


Figure 10: Additional RE Generation in September 22 as compared to September 21

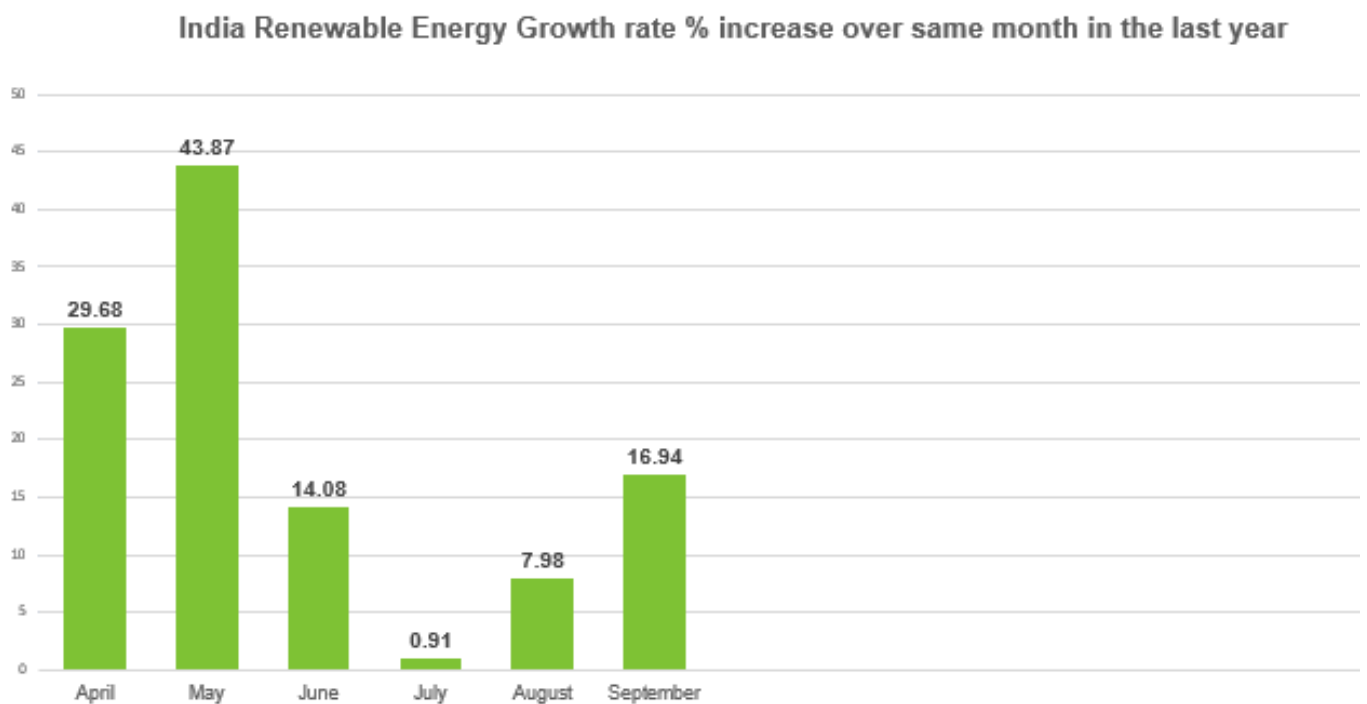


Figure 11: Month Wise Growth of RE Generation w.r.t to previous year Same Month

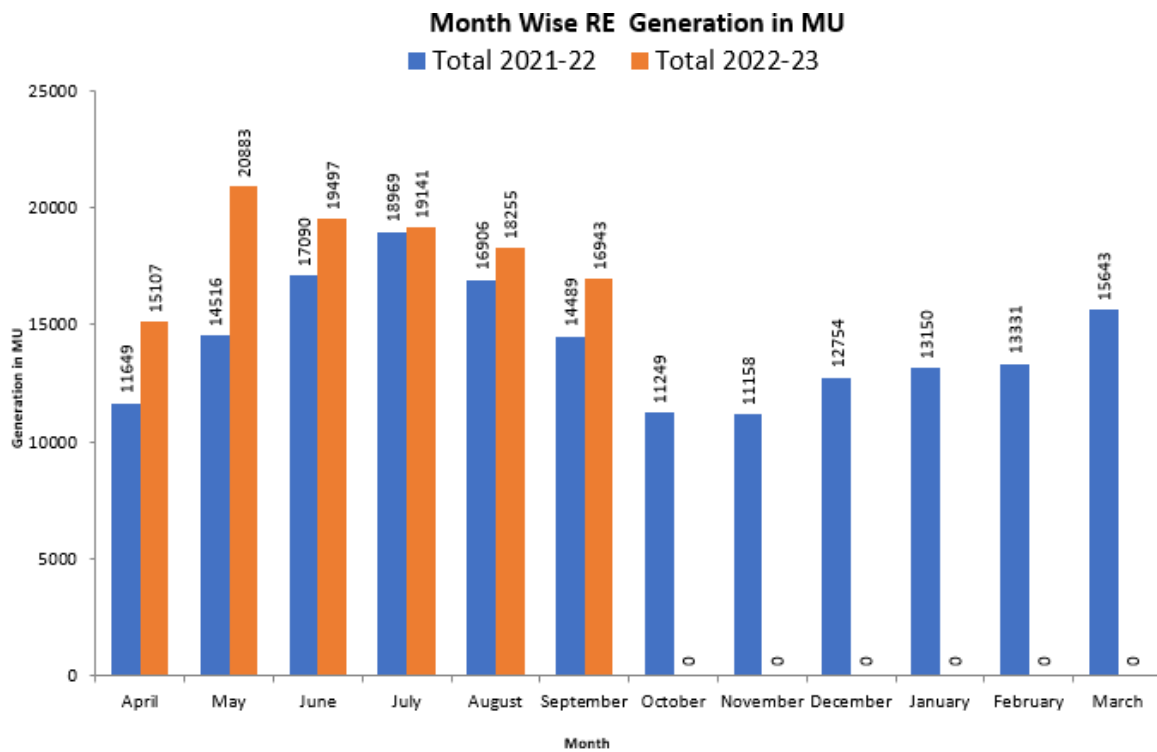


Figure 12: comparison of Month Wise RE Generation in year 2021-22 & in year 2022-23

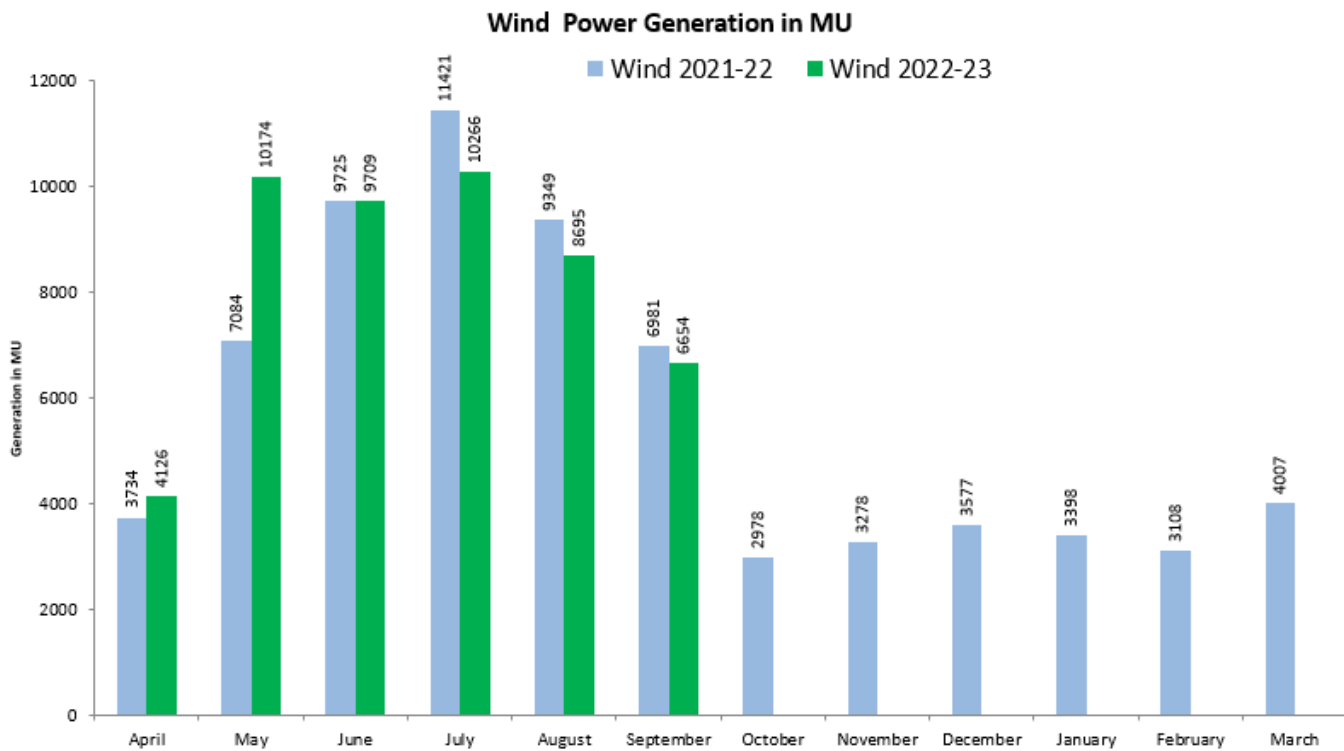


Figure 13: Month Wise Wind Power Generation for the year 2021-22 and year 2022-23.

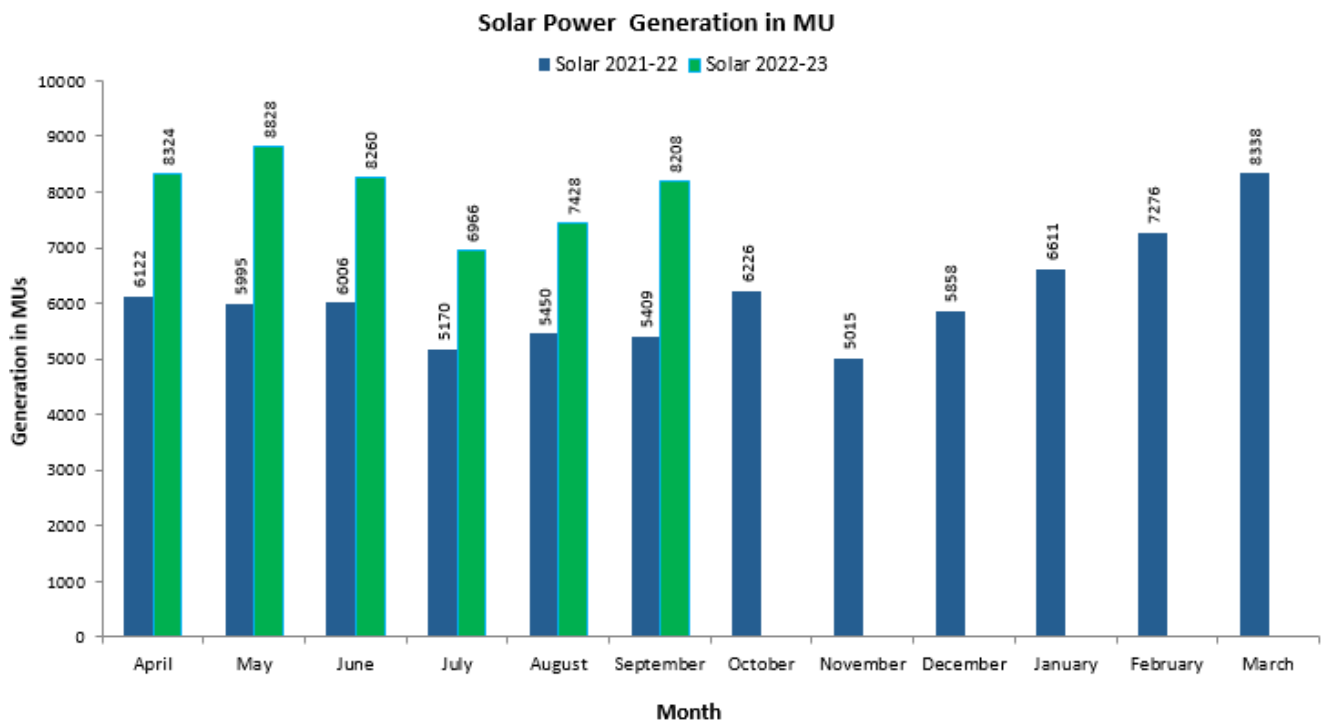


Figure 14: Month Wise Solar Power Generation for the year 2021-22 and year 2022-23.

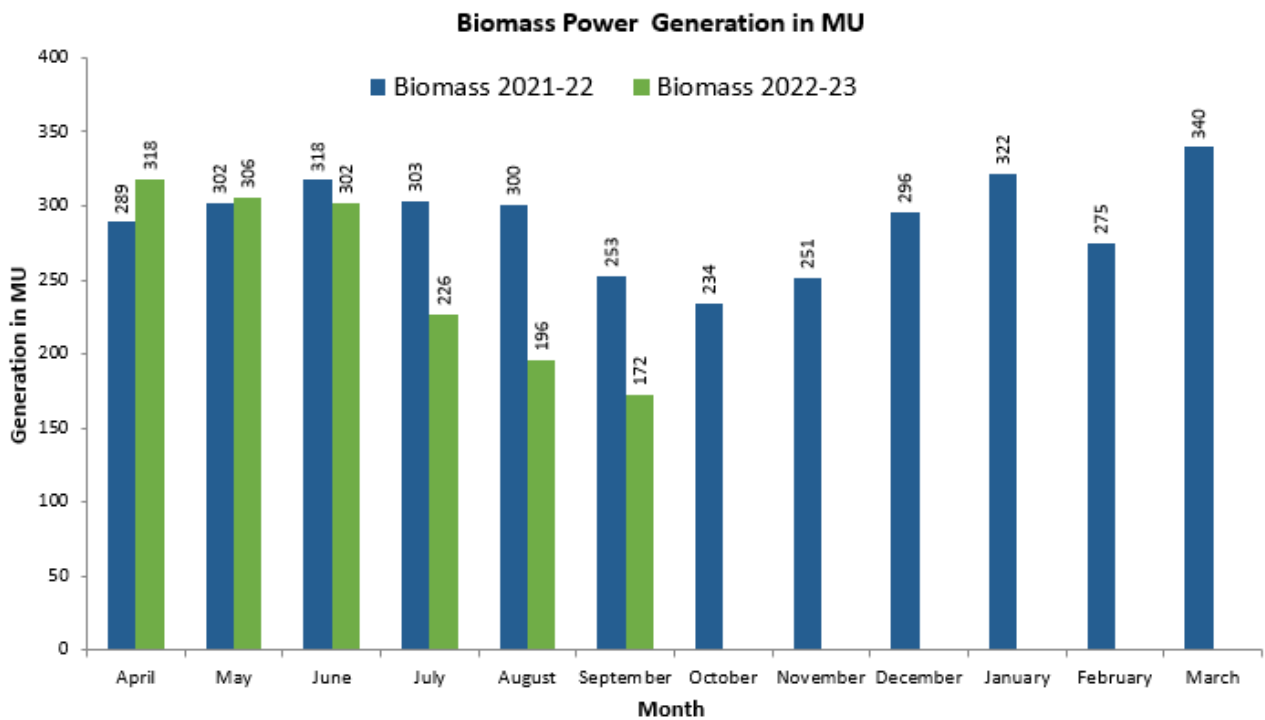


Figure 15: Month Wise Biomass Power Generation for the year 2021-22 and year 2022-23.

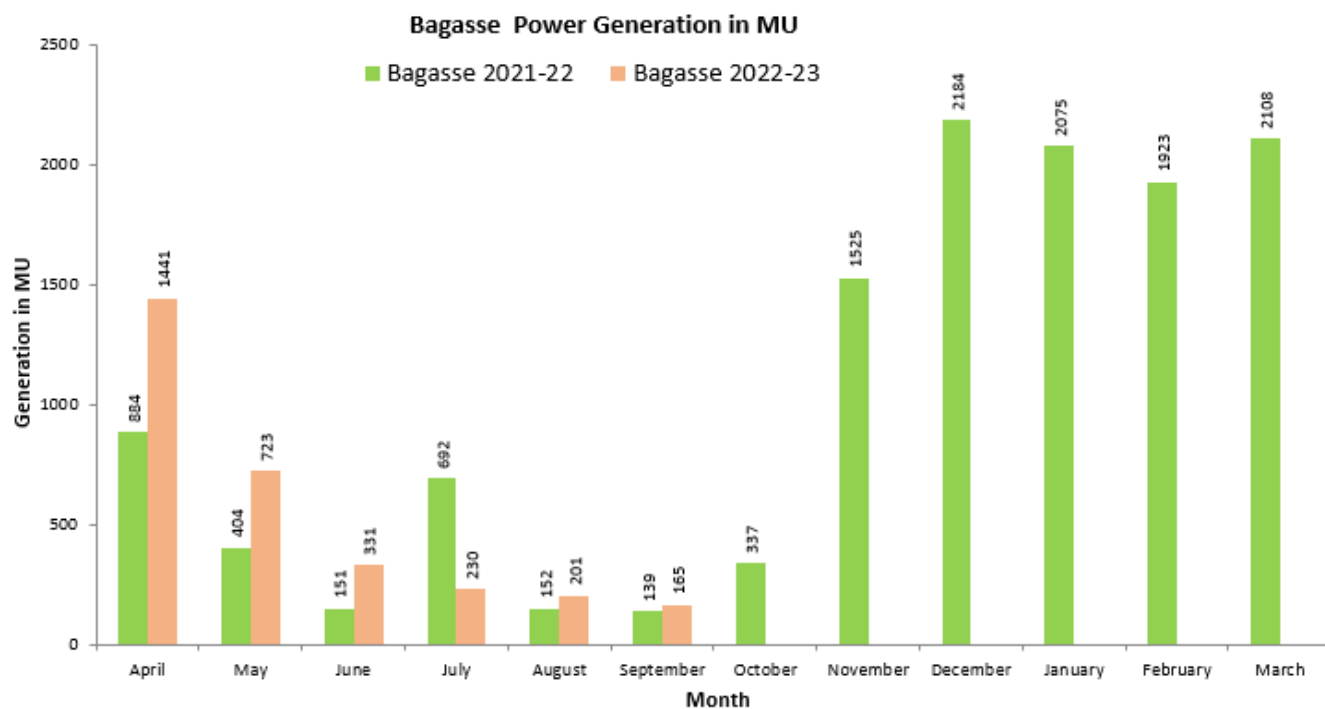


Figure 16: Month Wise Bagasse Power Generation for the year 2021-22 and year 2022-23.

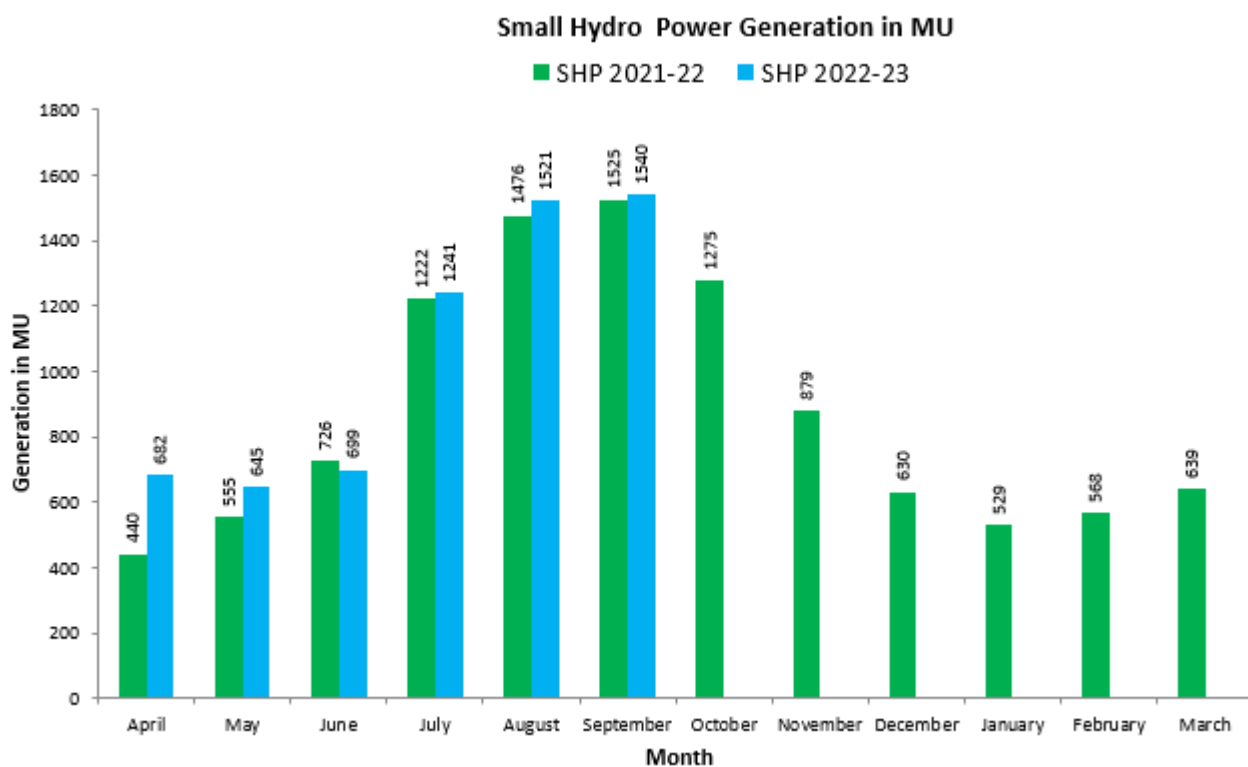


Figure 17: Month Wise Small Hydro Power Generation for the year 2021-22 and year 2022-23.

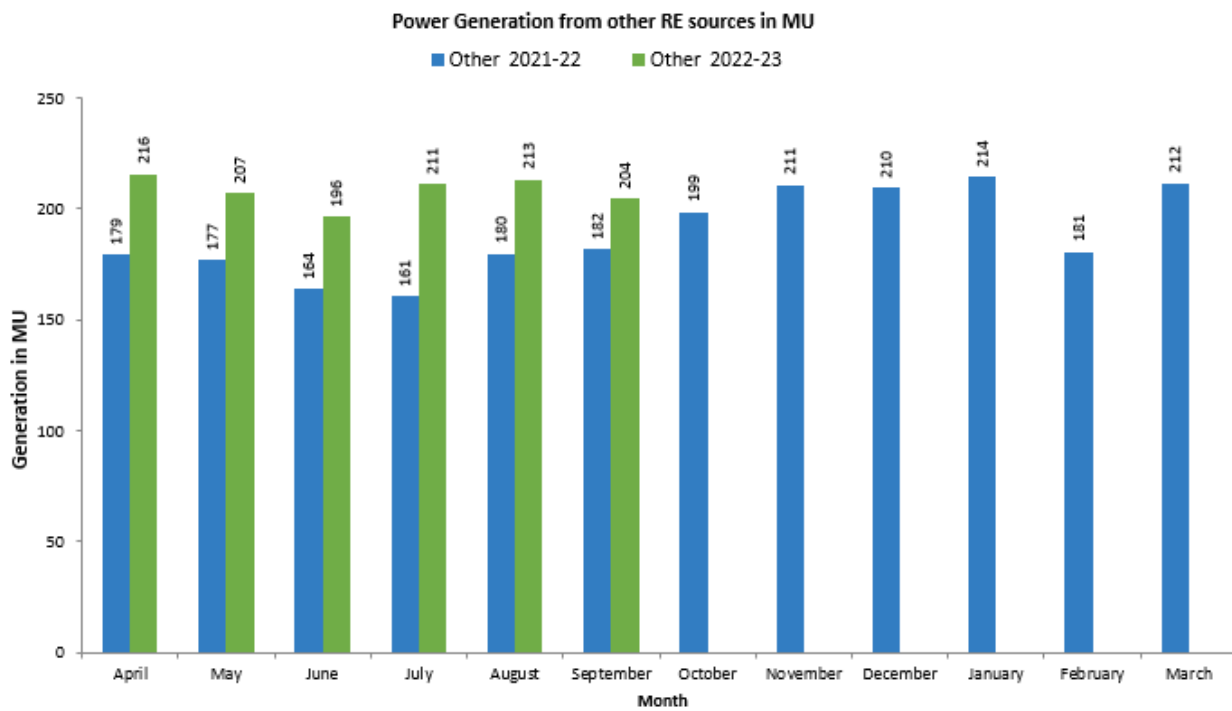
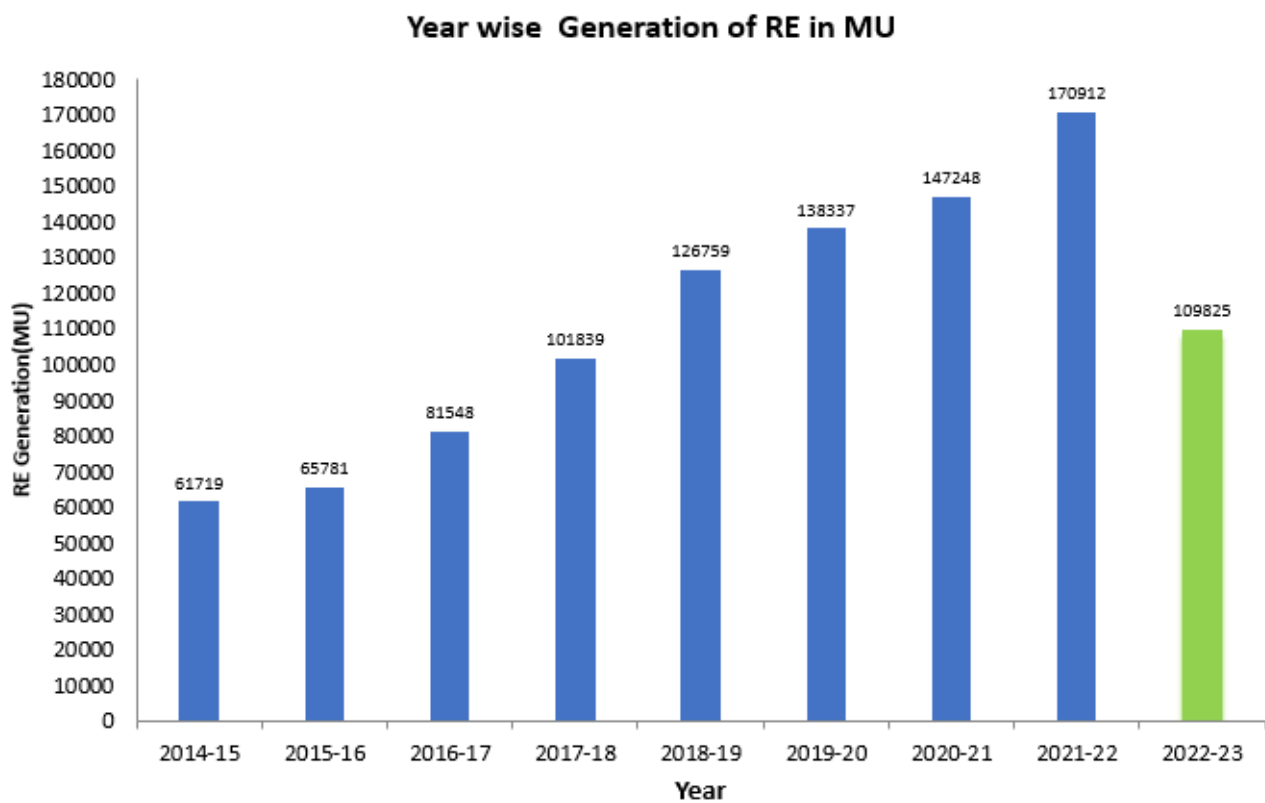


Figure 18: Month Wise Other RE (Waste Heat etc.) Power for the year 2021-22 and year 2022-23.



2022-23 Generation up to September 2022.

Figure 19 Year Wise RE Generation

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

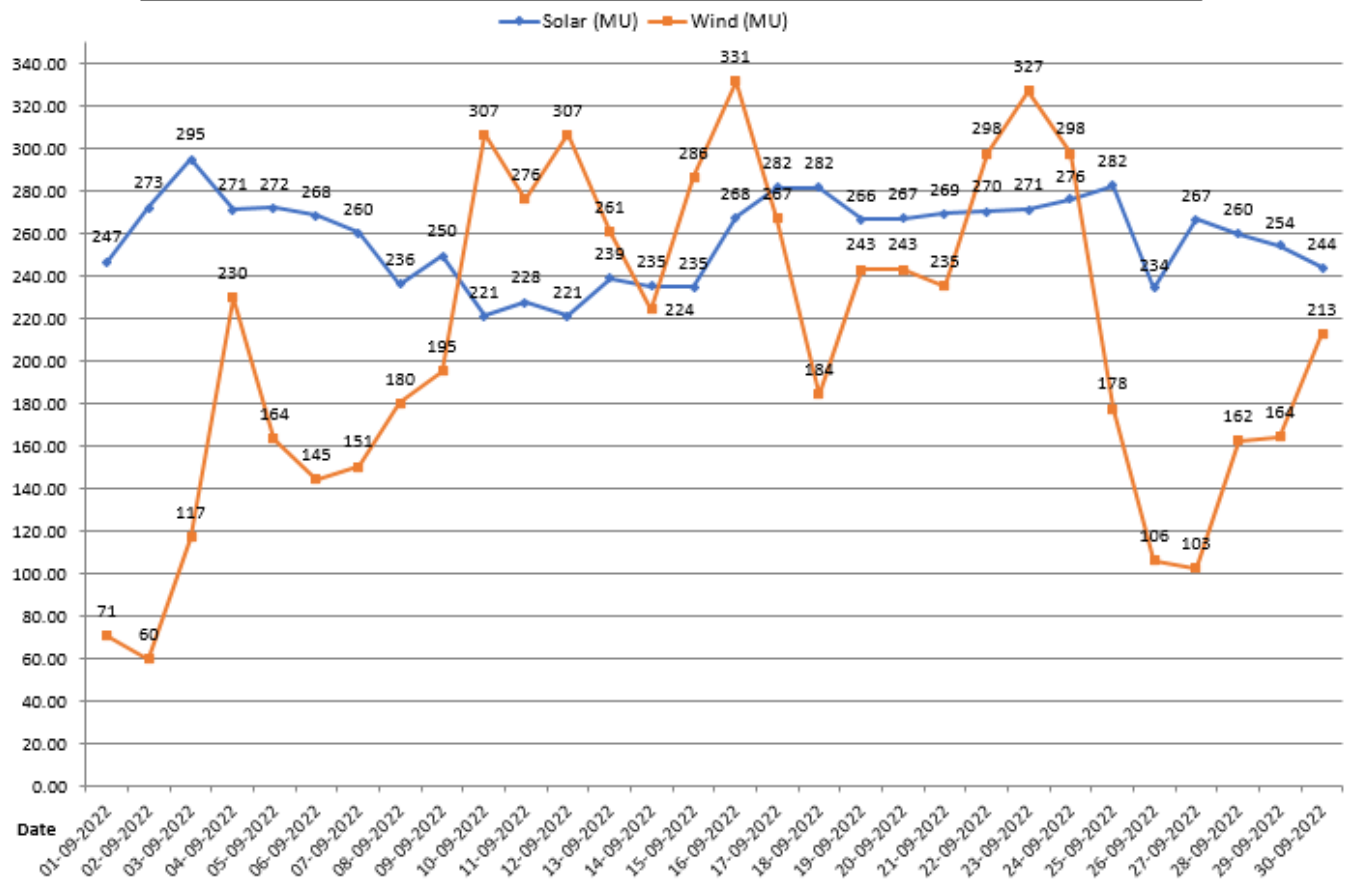


Figure 20: Daily solar and wind power generation trend in the month of September -2022

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Source	Installed Capacity (MW) (As on 30.09.2022)	RE Generation (MU) September '2022	RE Generation (MU) September '2021	% of same period Last Year	RE Generation (MU) April'2022-September '2022	RE Generation (MU) April'2021-September '2021	% of same period Last Year
पवन/Wind	41666.08	6654.49	6981.27	95.32	49624.91	48294.82	102.75
सौर/Solar	60813.9	8207.73	5409.09	151.74	48013.27	34151.69	140.59
बायोमास/Biomass	10205.61	172.31	252.72	68.18	1520.73	1764.43	86.19
बगास/Bagasse		164.80	138.70	118.82	3090.92	2421.87	127.63
लघु जल विद्युत्/Small Hydro	4899.50	1539.55	1525.11	100.95	6327.35	5943.59	106.46
अन्य/Others	495.23	204.41	181.98	112.33	1248.14	1042.31	119.75
कुल/Total	118080.32	16943.29	14488.86	116.94	109825.32	93618.70	117.31

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

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Unchahar Solar*	Uttar Pradesh	Central	NTPC	Solar	1.00
Dadri Solar*	Uttar Pradesh	Central	NTPC	Solar	0.44
Singrauli Solar*	Uttar Pradesh	Central	NTPC	Solar	1.44
Auraiya	Uttar Pradesh	Central	NTPC	Solar	4.45
Kolayat	Rajasthan	Central	NTPC	Solar	51.43
ABC Renewable Energy	Rajasthan	Private	IPP	Solar	59.82
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	52.26
Acme Heerghar Powertech Pvt Ltd	Rajasthan	Private	IPP	Solar	49.92
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	IPP	Solar	243.48
Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	107.46
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	IPP	Solar	92.68
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	IPP	Solar	89.34
Adani SE4PL(Kilaj Solar)	Rajasthan	Private	IPP	Solar	11.32
Adani SEJ5PL	Rajasthan	Private	IPP	Solar	42.32
Adani SERJ1PL	Rajasthan	Private	IPP	Solar	64.74
Avaada RJHN	Rajasthan	Private	IPP	Solar	49.14
Avaada Sunce	Rajasthan	Private	IPP	Solar	70.92
Avaada Sustainable	Rajasthan	Private	IPP	Solar	59.90
Ayana Renewable One	Rajasthan	Private	IPP	Solar	67.24
Azure Power Forty One Private Limited	Rajasthan	Private	IPP	Solar	58.08
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	128.56
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	39.64
Azure Power Maple	Rajasthan	Private	IPP	Solar	35.19
Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	29.20
Clean Solar Power	Rajasthan	Private	IPP	Solar	53.21

Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	66.21
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	67.13
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	11.51
Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	53.45
Mega Surya Urja	Rajasthan	Private	IPP	Solar	52.90
Nindan Solar Fatehgar	Rajasthan	Private	IPP	Solar	66.00
Renew Jharkhand	Rajasthan	Private	IPP	Solar	65.09
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	10.94
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	52.79
Renew Solar Urja	Rajasthan	Private	IPP	Solar	64.55
Renew Sun Bright	Rajasthan	Private	IPP	Solar	64.68
Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	64.78
Renew Surya Ravi	Rajasthan	Private	IPP	Solar	31.77
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	44.54
Tata Power Green Energy	Rajasthan	Private	IPP	Solar	42.61
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	62.49
Thar Surya1	Rajasthan	Private	IPP	Solar	32.48
Northern Region					2317.10
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	35.21
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	35.91
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	35.82
ESPL RSP Solar	Gujarat	Private	IPP	Solar	43.02
TPREL RSP Solar	Gujarat	Private	IPP	Solar	21.96
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	21.53
Powerica	Gujarat	Private	IPP	Solar	3.31
NTPC Kawas	Gujarat	Central	NTPC	Solar	6.76
GSECL	Gujarat	Private	IPP	Solar	3.31
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	39.13

Alfnar Wind	Gujarat	Private	IPP	Wind	53.16
Adani Green Energy Mp Ltd(Dayapar)	Gujarat	Private	IPP	Wind	109.93
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	47.41
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	56.89
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	0.00
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	52.03
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	63.39
Avikiran Solar India Private Limited (ASIPL)	Gujarat	Private	IPP	Wind	38.16
SITAC Wind	Gujarat	Private	IPP	Wind	48.37
SRIJAN Wind	Gujarat	Private	IPP	Wind	14.77
Western Region					730.06
Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	62.89
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	98.25
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	49.89
Mytra	Tamil Nadu	Private	IPP	Wind	63.38
Orange	Tamil Nadu	Private	IPP	Wind	62.00
Green Infra	Tamil Nadu	Private	IPP	Wind	78.12
Rstps Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	14.35
simhadri Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	3.83
Biwadi	Andhra Pradesh	Private	IPP	Solar	8.79
Hisar	Andhra Pradesh	Private	IPP	Solar	8.82
Karnal	Andhra Pradesh	Private	IPP	Solar	8.92
Ayana	Andhra Pradesh	Private	IPP	Solar	45.31
Azure	Andhra Pradesh	Private	IPP	Solar	7.05
FRV2	Andhra Pradesh	Private	IPP	Solar	8.30
FRV	Andhra Pradesh	Private	IPP	Solar	8.51
NTPC	Andhra Pradesh	Private	IPP	Solar	29.45
SBG	Andhra Pradesh	Private	IPP	Solar	46.08
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	44.74

Tata	Andhra Pradesh	Private	IPP	Solar	15.55
Adyah10	Karnataka	Private	IPP	Solar	52.39
Adyah13	Karnataka	Private	IPP	Solar	
Adyah1	Karnataka	Private	IPP	Solar	
Adyah2	Karnataka	Private	IPP	Solar	
Adyah3	Karnataka	Private	IPP	Solar	
Adyah6	Karnataka	Private	IPP	Solar	
Amplus Tumkur	Karnataka	Private	IPP	Solar	8.16
Amplus	Karnataka	Private	IPP	Solar	7.99
Avaada	Karnataka	Private	IPP	Solar	25.06
Avaada Solarise	Karnataka	Private	IPP	Solar	25.17
Azure Power	Karnataka	Private	IPP	Solar	17.93
Fortum Finsurya	Karnataka	Private	IPP	Solar	15.21
Fortum	Karnataka	Private	IPP	Solar	41.81
Kredl	Karnataka	Private	IPP	Solar	7.92
Parampujya	Karnataka	Private	IPP	Solar	16.13
Renew	Karnataka	Private	IPP	Solar	8.06
SBG	Karnataka	Private	IPP	Solar	35.09
Tata	Karnataka	Private	IPP	Solar	65.95
Yarrow	Karnataka	Private	IPP	Solar	8.13
Southern Region					999.26
All India Total					4046.42

Source:-

1. Generation from ISGS Projects is prepared from block wise data received from RPCs.
*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) September'2 022	RE Generation (MU)' September 2021	RE Generation (MU) April'2022- September20 22	RE Generation (MU) April'2021- September '2021
NTPC							
NTPC Faridabad_Solar	Haryana	5.00	Solar	0.40	0.53	3.39	3.54
NTPC Bhadla	Rajasthan	260.00	Solar	37.86	31.97	219.84	225.92
NTPC Jetsar	Rajasthan	160.00	Solar	32.23	0.00	193.20	0.00
NTPC Fatehgarh	Rajasthan	296.00	Solar	68.01	0.00	324.40	0.00
NTPC Dadri_Solar *	Uttar Pradesh	5.00	Solar	0.44	0.46	3.34	3.41
NTPC Unchahar Solar*	Uttar Pradesh	10.00	Solar	1.00	0.91	7.14	6.17
NTPC Singrauli _Solar*	Uttar Pradesh	15.00	Solar	1.44	1.54	10.43	10.01
NTPC Auraiya	Uttar Pradesh	40.00	Solar	4.45	2.59	19.82	17.31
NTPC Singrauli	Uttar Pradesh	8.00	Small Hydro	3.22	0.00	16.47	13.72
NTPC Rojmal	Gujarat	50.00	Wind	6.06	7.16	67.26	57.09
NTPC Rajgarh _Solar	Madhya Pradesh	50.00	Solar	5.55	4.63	36.05	34.76
NTPC Mandsaur	Madhya Pradesh	250.00	Solar	29.05	24.08	187.96	181.60
NTPC Anantapuram	Andhra Pradesh	250.00	Solar	28.32	30.71	188.09	192.30
NTPC Ramagundam	Telangana	110.00	Solar	15.28	0.86	75.18	5.97
NTPC Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.40	0.34	2.61	2.44
NTPC Talchar _Solar	Orissa	10.00	Solar	0.98	0.92	6.53	6.53
NTPC Solar_Bilhaur	Uttar Pradesh	225.00	Solar	37.57	37.47	262.87	232.86
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	3.84	2.91	24.73	5.60
Kayamkulam	Kerala	92.00	Solar	17.06	0.00	64.96	0.00
Kawas	Gujarat	35.00	Solar	6.76	0.00	21.91	0.00
Gandhar	Gujarat	10.00	Solar	0.80	0.00	1.00	0.00
Shambu ki Burj-I	Rajasthan	250.00	Solar	51.43	0.00	88.34	0.00
Shambu ki Burj-II	Rajasthan	150.00	Solar	0.57	0.00	0.57	0.00
Total NTPC		2311.00		352.72	147.08	1826.09	999.23
THDC							
THDC Patan Wind Power Project	Gujarat	50.00	Wind	4.49	3.22	51.61	50.52
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	6.88	10.47	85.36	90.71
THDC Solar Kasaragod	Kerala	50.00	Solar	7.53	7.22	39.96	37.30
THDCIL's premises at Rishikesh	Uttar Pradesh	0.50	Solar	0.04	0.03	0.28	0.18
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	12.73	11.64	38.14	25.37
Total THDC		187.50		31.67	32.58	215.35	204.08

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September'2022	RE Generation (MU)' September 2021	RE Generation (MU) April'2022-September2022	RE Generation (MU) April'2021-September '2021
NHPC							
NHPC Wind Power Project	Rajasthan	50.00	Wind	6.10	3.21	52.72	52.56
NHPC Solar Power Project	Tamilnadu	50.00	Solar	8.03	7.67	46.53	46.26
Total NHPC		100.00		14.12	10.88	99.24	98.81
ONGC							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	5.02	6.12	55.15	66.01
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	10.12	5.23	95.41	103.77
ONGC Solar, Goa	Goa	1.00	Solar	0.11	0.12	0.63	0.66
ONGC Solar, Hazira	Gujarat	10.00	Solar	0.94	0.79	6.91	6.86
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.66	0.21	4.36	3.15
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.07	0.08	0.46	0.56
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.13	0.12	0.71	0.65
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.52	0.00	3.53	0.54
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.44	0.52	2.54	2.79
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.14	0.14	0.83	0.83
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.24	Solar	0.11	0.09	0.75	0.70
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.02	0.14	0.14
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.10	0.01
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.01	0.04	0.04
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.03	0.00	0.15	0.00
Total ONGC		184.05		18.30	13.45	171.72	186.71
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	3.13	8.07	42.75	38.72
Sadla Wind Power	Gujarat	50.00	Solar	5.59	6.07	61.92	60.82
Charanka Solar Power	Gujarat	5.60	Solar	0.63	0.56	3.80	4.06
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.09	0.00	0.77	0.00
Total SJVN		104.20		9.44	14.70	109.24	103.60
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.09	1.85	12.37	12.31
Oil India Ltd	Rajasthan	67.60	Wind	6.71	3.30	55.64	52.79

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September'2022	RE Generation (MU)' September 2021	RE Generation (MU) April'2022-September2022	RE Generation (MU) April'2021-September '2021
Oil India Ltd	Gujarat	43.30	Wind	5.56	6.95	56.07	50.99
Oil India Ltd	Madhya Pradesh	63.20	Wind	8.67	6.92	66.10	78.41
Total Oil India Ltd		188.10		23.03	19.02	190.17	194.50
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.51	0.50	3.11	2.78
DVC							
DVC	West Bangal	0.08	Solar	0.01	2.81	0.05	2.85
DVC	Jharkhand	4.00	Small Hydro	0.00	0.01	0.00	6.92
Total DVC		4.08		0.01	2.81	0.05	9.77
All India Total		2865.13		457.15	241.02	2596.89	1799.50

Source:-

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 September 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Northern Region				
ABC RENEWABLE ENERGY	Solar	64.70	59.82	-4.88
ACME HEERGARH POWERT	Solar	46.68	49.92	3.24
ACSEPL_BHADLA	Solar	51.77	52.26	0.49
ADANI HYBRID	Solar	107.20	107.46	0.26
ADANI HYBRID FOUR	Solar	240.24	243.48	3.24
ADANI HYBRID THREE	Solar	88.95	92.68	3.72
ADANI HYBRID TWO	Solar	89.62	89.34	-0.29
Adani RERJL	Solar	41.19	43.22	2.03
ADANI SE JODHPUR 2 L	Solar	11.25	11.51	0.27
Adani SE4PL	Solar	10.66	11.32	0.66
Adani SEJ5PL	Solar	39.90	42.32	2.42
Adani SERJ1PL	Solar	64.70	64.74	0.04
AURAIYA SOLAR	Solar	4.05	3.66	-0.38
AVAADA RJHN	Solar	48.82	49.14	0.32
AVAADA SUNCE	Solar	69.93	70.92	0.98
AVAADA SUNRAYS	Solar	11.08	8.71	-2.37
AVAADA SUSTAINABLE	Solar	58.89	59.90	1.01
AYANA RENEWABLE ONE	Solar	66.20	67.24	1.04
AZURE FORTY ONE	Solar	58.03	58.08	0.05
AZURE FORTY THREE	Solar	122.00	128.56	6.56
AZURE POWER MAPLE	Solar	35.58	35.19	-0.38
AZURE POWER THIRTY F	Solar	28.30	29.20	0.90
AZURE SOLAR	Solar	38.81	39.64	0.83
CLEAN SOLAR POWER	Solar	55.78	53.21	-2.56
CSP_BHADLA	Solar	60.29	66.21	5.92
DADRI SOLAR	Solar	0.60	0.43	-0.17
EDEN RENEWABLE	Solar	65.59	67.13	1.54
KOLYAT SOLAR BIKANER	Solar	52.19	52.35	0.16
MAHINDRA RPL	Solar	52.55	53.45	0.90
MEGA SURYAURJA	Solar	53.03	52.90	-0.12
NIDAN SOLAR FATEHGAR	Solar	68.81	66.00	-2.81
RENEW JHARKHAND	Solar	64.41	65.09	0.68
RENEW SOLAR	Solar	10.81	10.94	0.13
RENEW SOLAR URJA	Solar	66.58	64.55	0.00
RENEW SUN BRIGHT	Solar	64.75	64.68	0.00
RENEW SUN WAVES	Solar	64.46	64.78	0.32
RENEW SURYA RAVI	Solar	30.85	31.77	0.92

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of September 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
RSPPL_BKN	Solar	53.31	52.79	-0.52
SBSR POWER CLEANTECH	Solar	46.19	44.54	-1.66
SINGRAULI SOLAR	Solar	1.48	1.37	-0.11
TATA POWER GREEN ENERGY	Solar	46.71	42.61	-4.10
TATA SOLAR	Solar	66.50	62.49	-4.01
THAR SURYA 1	Solar	29.31	32.48	3.17
UNCHAHAHAR SOLAR	Solar	1.13	1.01	-0.12
Western Region				
Alfnar Wind	Wind	55.24	53.16	-2.08
Arinsun (Barsaitadesh)	Solar	35.82	35.21	-0.61
Avikiran Solar India Private Limited (ASIPCL)	Solar	38.64	38.16	-0.48
Acme Solar (Ramnagar)	Solar	37.68	35.91	-1.78
Adani Green Energy Mp Ltd(Dayapar)	Wind	132.10	109.93	-22.17
ESPL RSP Solar	Solar	41.99	43.02	1.03
GIPCL RSP Solar	Solar	21.38	21.53	0.15
Giwel-III (Naranpar)	Wind	57.57	56.89	-0.68
Giwel-II (Vadva)	Wind	48.86	47.41	-1.46
GSECL	Solar	2.66	3.31	0.64
IWISL (Dayapar)	Wind	0.00	0.00	0.00
NTPC Kawas	Solar	6.82	6.75	-0.07
Mahindra (Badwar)	Solar	37.93	35.82	-2.11
Ostro (Kutch)	Wind	55.54	52.02	-3.52
Powerica	Solar	3.75	3.31	-0.44
Renew (Bhuvad)	Solar	43.76	39.13	-4.63
Renew Ap2 Ghadsisa)	Wind	64.72	63.39	-1.33
SITAC Wind	Wind	48.68	48.37	-0.30
SRIJAN Wind	Wind	15.55	14.77	-0.77
TPREL RSP	Solar	21.81	21.96	0.15
SOUTHERN REGION				
BEETAM	Wind	61.67	62.89	1.22
GIREL	Wind	76.72	78.12	1.39
MYTRAH	Wind	61.59	63.38	1.79
ORANGE	Wind	60.00	62.00	2.00
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Wind	98.52	98.25	-0.27
GRTJIPL	Wind	25.61	25.93	0.31

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 September 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	0.19	0.19	100.00
Delhi	0.00	330.11	0.00	0.00	44.87	374.98	11.97
Haryana	2690.33	0.04	0.00	0.00	140.41	2830.78	4.96
HP	0.00	0.00	0.00	5268.02	418.00	5686.02	100.00
J & K	0.00	0.00	0.00	1842.42	45.29	1887.71	100.00
Ladakh	0.00	0.00	0.00	54.59	0.00	54.59	100.00
Punjab	2462.97	0.00	0.00	466.98	307.73	3237.68	23.93
Rajasthan	4497.43	132.61	551.31	95.98	3572.86	8850.19	47.68
Uttar Pradesh	12445.83	36.64	261.69	96.40	313.77	13154.33	5.11
Uttarakhand	0.00	0.00	0.00	2183.36	77.81	2261.17	100.00
Northern Region Total	22096.56	499.40	813.00	10007.75	4920.93	38337.64	41.06
WESTERN REGION							
Chhattisgarh	10725.46	0.00	0.00	55.80	138.44	10919.70	1.78
Gujarat	4276.08	38.38	319.29	1275.33	1956.22	7865.30	45.15
Madhya Pradesh	10045.67	0.00	0.00	1378.74	686.28	12110.69	17.05
Maharashtra	9094.53	102.76	780.81	405.11	1035.84	11419.05	19.46
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.25	1.25	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	34141.74	141.14	1100.10	3114.98	3819.97	42317.93	18.99
SOUTHERN REGION							
Andhra Pradesh	4907.54	90.16	0.00	615.97	1443.09	7056.76	29.18
Telangana	3934.60	0.00	0.00	1348.26	525.59	5808.45	32.26
Karnataka	2284.76	0.00	515.74	1280.30	2355.70	6436.50	64.50
Kerala	0.00	0.00	0.00	1023.95	212.76	1236.71	100.00
Tamil Nadu	5026.29	147.21	983.68	721.55	3291.43	10170.16	49.13
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	19.91	0.00	0.00	1.02	20.93	4.87
Southern Region Total	16153.19	257.28	1499.42	4990.03	7829.59	30729.51	46.60
EASTERN REGION							
Andaman Nicobar	6.69	0.00	0.00	0.00	3.54	10.23	34.60
Bihar	4572.79	0.00	0.00	0.00	12.66	4585.45	0.28
Jharkhand	2375.62	0.00	0.00	91.43	1.25	2468.30	3.75
Orissa	5075.14	0.00	0.00	853.55	127.72	6056.41	16.20
Sikkim	0.00	0.00	0.00	1654.10	1.03	1655.13	100.00
West Bengal	6682.66	0.00	0.00	397.36	166.54	7246.56	7.78
Eastern Region Total	18712.90	0.00	0.00	2996.44	312.75	22022.09	15.03

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of September 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	612.34	4.61	616.95	100.00
Assam	432.61	253.74	0.00	65.66	25.76	777.77	11.75
Manipur	0.00	0.00	0.00	54.95	0.75	55.70	100.00
Meghalaya	0.00	0.00	0.00	117.77	5.42	123.19	100.00
Mizoram	0.00	0.00	0.00	27.31	8.26	35.57	100.00
Nagaland	0.00	0.00	0.00	29.33	14.73	44.06	100.00
Tripura	0.00	607.38	0.00	0.00	0.51	607.89	0.08
North Eastern Region Total	432.61	861.12	0.00	907.36	60.05	2261.14	42.78
All India Total	91537.00	1758.94	3412.52	22016.56	16943.29	135668.31	31.23

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 September 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	0.19	0.19	100.00
Delhi	0.00	330.11	0.00	0.00	44.87	374.98	11.97
Haryana	2690.33	0.04	0.00	0.00	140.41	2830.78	4.96
HP	0.00	0.00	0.00	5268.02	418.00	5686.02	7.35
J & K	0.00	0.00	0.00	1842.42	45.29	1887.71	2.40
Ladakh	0.00	0.00	0.00	54.59	0.00	54.59	0.00
Punjab	2462.97	0.00	0.00	466.98	307.73	3237.68	9.50
Rajasthan	4497.43	132.61	551.31	95.98	3572.86	8850.19	40.37
Uttar Pradesh	12445.83	36.64	261.69	96.40	313.77	13154.33	2.39
Uttarakhand	0.00	0.00	0.00	2183.36	77.81	2261.17	3.44
Northern Region Total	22096.56	499.40	813.00	10007.75	4920.93	38337.64	12.84
WESTERN REGION							
Chhattisgarh	10725.46	0.00	0.00	55.80	138.44	10919.70	1.27
Gujarat	4276.08	38.38	319.29	1275.33	1956.22	7865.30	24.87
Madhya Pradesh	10045.67	0.00	0.00	1378.74	686.28	12110.69	5.67
Maharashtra	9094.53	102.76	780.81	405.11	1035.84	11419.05	9.07
Daman and Diu,Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	1.25	1.25	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	34141.74	141.14	1100.10	3114.98	3819.97	42317.93	9.03
SOUTHERN REGION							
Andhra Pradesh	4907.54	90.16	0.00	615.97	1443.09	7056.76	20.45
Telangana	3934.60	0.00	0.00	1348.26	525.59	5808.45	9.05
Karnataka	2284.76	0.00	515.74	1280.30	2355.70	6436.50	36.60
Kerala	0.00	0.00	0.00	1023.95	212.76	1236.71	17.20
Tamil Nadu	5026.29	147.21	983.68	721.55	3291.43	10170.16	32.36
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	19.91	0.00	0.00	1.02	20.93	4.87
Southern Region Total	16153.19	257.28	1499.42	4990.03	7829.59	30729.51	25.48
EASTERN REGION							
Andaman Nicobar	6.69	0.00	0.00	0.00	3.54	10.23	34.60
Bihar	4572.79	0.00	0.00	0.00	12.66	4585.45	0.28
Jharkhand	2375.62	0.00	0.00	91.43	1.25	2468.30	0.05
Orissa	5075.14	0.00	0.00	853.55	127.72	6056.41	2.11
Sikkim	0.00	0.00	0.00	1654.10	1.03	1655.13	0.06
West Bengal	6682.66	0.00	0.00	397.36	166.54	7246.56	2.30
Eastern Region Total	18712.90	0.00	0.00	2996.44	312.75	22022.09	1.42

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of September 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	612.34	4.61	616.95	0.75
Assam	432.61	253.74	0.00	65.66	25.76	777.77	3.31
Manipur	0.00	0.00	0.00	54.95	0.75	55.70	1.35
Meghalaya	0.00	0.00	0.00	117.77	5.42	123.19	4.40
Mizoram	0.00	0.00	0.00	27.31	8.26	35.57	23.22
Nagaland	0.00	0.00	0.00	29.33	14.73	44.06	33.43
Tripura	0.00	607.38	0.00	0.00	0.51	607.89	0.08
North Eastern Region Total	432.61	861.12	0.00	907.36	60.05	2261.14	2.66
All India Total	91537.00	1758.94	3412.52	22016.56	16943.29	135668.31	12.49

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc)		Total RE	
	Sept'22	Sept'21	Sept'22	Sept'21	Sept' 22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21
NORTHERN REGION														
Chandigarh	0.00	0.00	0.19	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.22
Delhi	0.00	0.00	22.64	20.04	0.00	0.00	0.00	0.00	0.00	0.00	22.23	24.67	44.87	44.71
Haryana	0.00	0.00	63.04	50.57	29.70	12.45	20.96	0.00	22.16	26.29	4.55	0.00	140.41	89.31
Himachal Pradesh	0.00	0.00	6.42	3.41	0.00	0.00	0.00	0.00	411.58	335.08	0.00	0.00	418.00	338.49
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.29	37.40	0.00	0.00	45.29	37.40
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	219.73	111.89	13.28	29.76	0.00	0.00	74.72	224.39	0.00	0.00	307.73	366.04
Rajasthan	488.82	296.85	3049.90	1166.27	34.13	24.71	0.00	0.00	0.01	0.12	0.00	0.00	3572.86	1487.95
Uttar Pradesh	0.00	0.00	273.12	232.72	0.00	8.31	3.74	3.62	31.31	26.92	5.59	0.00	313.77	271.57
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	488.82	296.85	3662.69	1609.75	77.11	75.23	45.41	23.88	614.52	676.98	32.37	24.67	4920.93	2707.36
WESTERN REGION														
Chhattisgarh	0.00	0.00	43.98	32.96	56.58	96.63	0.00	0.00	37.88	37.35	0.00	0.00	138.44	166.94
Gujarat	1157.07	1106.05	775.12	381.07	0.00	0.00	0.00	0.00	24.03	11.37	0.00	0.00	1956.22	1498.49
Madhya Pradesh	363.77	256.65	265.66	280.36	0.00	0.72	0.00	0.00	54.75	33.50	2.10	1.50	686.28	572.73
Maharashtra	625.75	827.32	302.70	204.64	14.59	26.43	2.03	7.94	90.76	97.28	0.01	0.00	1035.84	1163.61
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.25	5.00	0.00	1.05	0.00	0.00	0.00	0.00	0.00	0.00	1.25	6.06
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	2146.59	2190.02	1390.23	904.14	71.17	124.83	2.03	7.94	207.41	179.50	2.54	1.50	3819.97	3407.92

RE generation(MUs) data (source wise) for the month of September 2022 and September 2021														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc)		Total RE	
	Sept'22	Sept'21	Sept'22	Sept'21	Sept' 22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21
SOUTHERN REGION														
Andhra Pradesh	741.12	983.12	622.19	608.91	2.92	8.15	3.08	1.04	47.79	40.00	25.99	4.99	1443.09	1646.21
Telangana	21.65	26.74	478.56	478.74	2.16	8.70	0.00	0.00	16.42	11.62	6.81	22.31	525.59	548.11
Karnataka	893.04	1270.42	1045.53	1051.03	8.25	16.85	48.00	52.52	360.89	392.79	0.00	0.00	2355.70	2783.60
Kerala	16.59	16.92	66.16	39.01	0.00	0.00	4.29	3.96	125.72	95.29	0.00	0.00	212.76	155.18
Tamil Nadu	2346.68	2197.20	839.18	645.21	10.31	10.27	61.99	49.35	33.27	26.47	0.00	0.00	3291.43	2928.50
Lakshadweep	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02
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	4019.08	4494.40	3052.64	2823.94	23.64	43.97	117.36	106.87	584.08	566.17	32.80	27.30	7829.59	8062.65
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.94	1.34	0.00	0.00	0.00	0.00	1.60	1.69	0.00	0.00	3.54	3.02
Bihar	0.00	0.00	9.98	12.77	0.00	0.00	0.00	0.00	2.68	2.00	0.00	0.00	12.66	14.77
Jharkhand	0.00	0.00	1.25	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	1.34
Orissa	0.00	0.00	54.08	41.91	0.39	8.69	0.00	0.00	73.26	55.14	0.00	0.00	127.72	105.75
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	9.13	7.23	0.00	0.00	0.00	0.00	20.71	23.13	136.70	128.51	166.54	158.87
Eastern Region	0.00	0.00	76.37	64.59	0.39	8.69	0.00	0.00	99.28	82.99	136.70	128.51	312.75	284.78

RE generation(MUs) data (source wise) for the month of September 2022 and September 2021														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc)		Total RE	
	Sept'22	Sept'21	Sept'22	Sept'21	Sept' 22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21	Sept'22	Sept'21
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	4.19	0.13	0.00	0.00	0.00	0.00	0.42	0.04	0.00	0.00	4.61	0.17
Assam	0.00	0.00	20.07	5.48	0.00	0.00	0.00	0.00	5.69	4.83	0.00	0.00	25.76	10.31
Manipur	0.00	0.00	0.75	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.46
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.42	4.56	0.00	0.00	5.42	4.56
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	14.73	6.90	0.00	0.00	14.73	6.90
Tripura	0.00	0.00	0.51	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.51
North Eastern Region	0.00	0.00	25.79	6.67	0.00	0.00	0.00	0.00	34.26	19.48	0.00	0.00	60.05	26.14
All India Total	6654.49	6981.27	8207.73	5409.09	172.31	252.72	164.80	138.70	1539.55	1525.11	204.41	181.98	16943.29	14488.86

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

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Sep'22-	Apr 21- Sept'21-	Apr 22- Sep'22-	Apr 21- Sept'21-	Apr 22- Sep'22 -	Apr 21- Sept'21-	Apr 22- Sep'22-	Apr 21- Sept'21	Apr 22- Sep'22-	Apr 21- Sept'21	Apr 22- Sep'22-	Apr 21- Sept'21	Apr 22- Sep'22-	Apr 21- Sept'21
NORTHERN REGION														
Chandigarh	0.00	0.00	5.82	7.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.82	7.28
Delhi	0.00	0.00	133.26	105.60	0.00	0.00	0.00	0.00	0.00	0.00	133.30	110.87	266.56	216.47
Haryana	0.00	0.00	378.24	233.10	178.20	85.28	125.76	14.75	132.96	128.41	27.30	0.00	842.46	461.54
Himachal Pradesh	0.00	0.00	33.56	22.35	0.00	0.00	0.00	0.00	1732.47	1242.69	0.00	0.00	1766.03	1265.04
J & K	0.00	0.00	0.00	1.71	0.00	0.00	0.00	0.00	260.12	279.40	0.00	0.00	260.12	281.11
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	1111.96	781.41	208.60	269.93	44.78	36.72	400.81	784.00	0.00	0.22	1766.15	1872.28
Rajasthan	4222.25	4519.09	16370.13	6753.54	190.41	198.22	0.00	0.00	0.25	0.33	0.00	0.00	20783.03	11471.19
Uttar Pradesh	0.00	0.00	1814.76	1389.23	41.25	45.56	590.12	580.95	109.87	75.18	29.66	0.00	2585.66	2090.90
Uttarakhand	0.00	0.00	165.90	147.78	0.00	0.00	124.26	121.56	176.70	160.68	0.00	0.00	466.86	430.02
Northern Region	4222.25	4519.09	20013.63	9442.00	618.46	598.99	884.92	753.98	2813.18	2670.69	190.26	111.09	28742.69	18095.83
WESTERN REGION														
Chhattisgarh	0.00	0.00	243.22	190.97	552.91	652.48	0.60	0.00	96.31	122.85	0.00	0.00	893.04	966.29
Gujarat	11680.04	10974.24	4662.77	2952.34	0.00	0.00	2.86	2.04	89.63	70.90	2.24	0.00	16437.55	13999.51
Madhya Pradesh	3016.76	2859.81	1959.09	1971.92	6.94	0.89	22.15	2.86	146.97	103.78	17.94	15.45	5169.85	4954.70
Maharashtra	5323.69	5246.35	1810.39	1571.27	132.66	167.87	1077.71	567.33	426.26	434.05	0.32	0.05	8771.02	7986.93
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	19.20	37.54	3.22	5.73	0.00	0.00	0.00	0.00	0.00	0.00	22.42	43.27
Goa	0.00	0.00	5.80	0.64	0.00	0.00	0.00	0.00	0.00	0.00	2.54	0.00	8.34	0.64
Western Region	20020.49	19080.40	8700.46	6724.68	695.72	826.97	1103.32	572.23	759.18	731.57	23.04	15.49	31302.21	27951.35

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22-Sep'22-	Apr 21-Sept'21-	Apr 22-Sep'22-	Apr 21-Sept'21-	Apr 22-Sep'22-	Apr 21-Sept'21-	Apr 22-Sep'22-	Apr 21-Sept'21	Apr 22-Sep'22-	Apr 21-Sept'21	Apr 22-Sep'22-	Apr 21-Sept'21	Apr 22-Sep'22-	Apr 21-Sept'21
SOUTHERN REGION														
Andhra Pradesh	5478.54	5309.93	4003.89	3969.59	37.93	58.18	50.00	18.27	135.27	139.80	136.27	40.39	9841.90	9536.16
Telangana	170.59	164.99	3181.09	3140.89	19.51	60.87	7.17	0.00	43.91	34.44	78.19	128.93	3500.46	3530.12
Karnataka	6448.73	6760.97	6671.21	6521.54	67.32	102.38	645.53	802.53	1374.23	1324.76	0.00	0.00	15207.03	15512.18
Kerala	87.62	92.46	326.29	229.13	0.00	0.00	31.18	24.12	546.67	483.33	0.00	0.00	991.77	829.04
Tamil Nadu	13196.68	12366.99	4491.82	3648.66	64.09	63.63	368.80	250.75	132.53	139.78	0.00	0.00	18253.92	16469.81
Lakshadweep	0.00	0.00	0.06	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.15
Puducherry	0.00	0.00	6.12	6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.12	6.12
Southern Region	25382.17	24695.33	18680.48	17516.08	188.85	285.07	1102.68	1095.66	2232.61	2122.11	214.46	169.32	47801.25	45883.57
EASTERN REGION														
Andaman Nicobar	0.00	0.00	12.52	9.73	0.00	0.00	0.00	0.00	7.69	6.60	0.00	0.00	20.21	16.33
Bihar	0.00	0.00	86.75	79.75	0.00	2.14	0.00	0.00	8.39	4.16	0.00	0.00	95.14	86.05
Jharkhand	0.00	0.00	10.57	8.91	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	10.57	9.18
Orissa	0.00	0.00	327.72	282.32	17.69	51.26	0.00	0.00	242.52	221.63	0.00	0.00	587.94	555.21
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	6.18	0.00	0.00	6.18	6.18
West Bengal	0.00	0.00	59.78	49.10	0.00	0.00	0.00	0.00	103.97	95.59	820.38	746.41	984.13	891.10
Eastern Region	0.00	0.00	497.34	429.82	17.69	53.40	0.00	0.00	368.74	334.43	820.38	746.41	1704.16	1564.06

RE generation(MUs) data (Source wise) for the year 2022-23(up to Sept 22) & year 2021-22(up to Sept 21)														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22-Sep'22-	Apr 21-Sep'21-	Apr 22-Sep'22-	Apr 21-Sep'21-	Apr 22-Sep'22-	Apr 21-Sep'21-	Apr 22-Sep'22-	Apr 21-Sep'21-	Apr 22-Sep'22-	Apr 21-Sep'21-	Apr 22-Sep'22-	Apr 21-Sep'21-	Apr 22-Sep'22-	Apr 21-Sep'21-
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	21.13	0.89	0.00	0.00	0.00	0.00	2.15	0.14	0.00	0.00	23.28	1.03
Assam	0.00	0.00	91.27	30.76	0.00	0.00	0.00	0.00	34.33	22.63	0.00	0.00	125.60	53.39
Manipur	0.00	0.00	4.23	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	4.24	3.42
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.60	21.75	0.00	0.00	49.60	21.75
Mizoram	0.00	0.00	1.62	1.17	0.00	0.00	0.00	0.00	11.09	7.94	0.00	0.00	12.71	9.11
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.47	30.89	0.00	0.00	56.47	30.89
Tripura	0.00	0.00	3.11	2.87	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	3.11	4.31
North Eastern Region	0.00	0.00	121.36	39.10	0.00	0.00	0.00	0.00	153.64	84.79	0.01	0.00	275.00	123.89
All India Total	49624.91	48294.82	48013.27	34151.69	1520.73	1764.43	3090.92	2421.87	6327.35	5943.59	1248.14	1042.31	109825.32	93618.70

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



This report is published by
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