



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

November-2022/नवम्बर-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 Large hydro.

Highlights of RE GENERATION (excluding Large Hydro)

During November 2022

1. RE capacity addition during November 2022 has been 419.54MW (Solar -342.09 MW and Wind – 51.3 MW, Others(waste to energy)-25MW, Small Hydro -1.15MW).
2. RE generation during November 2022 has increased by 20.03 % as compared to November 2021.
3. Solar Power generation during November 2022 as compared to November 2021 has increased by 59.07% on All India basis in all states .
4. Wind Power generation during November as compared to November 2021 has decreased by 24.04% on All India basis in all states .
5. Biomass Power generation during November 2022 as compared to November 2021 has decreased by 24.36%.
6. Bagasse power generation during November 2022 as compared to November 2021 has decreased by 0.47% on All India basis .
7. Others (Waste to Heat) Power generation has decreased by 0.35% during November 2022 as compared to November 2021.
8. Small Hydro Power generation during November 2022 as compared to November 2021 has increased by 14.81%.

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

Decreased by 33.51% as compared to November 21.

Decreased by 49.45% as compared to October 22.

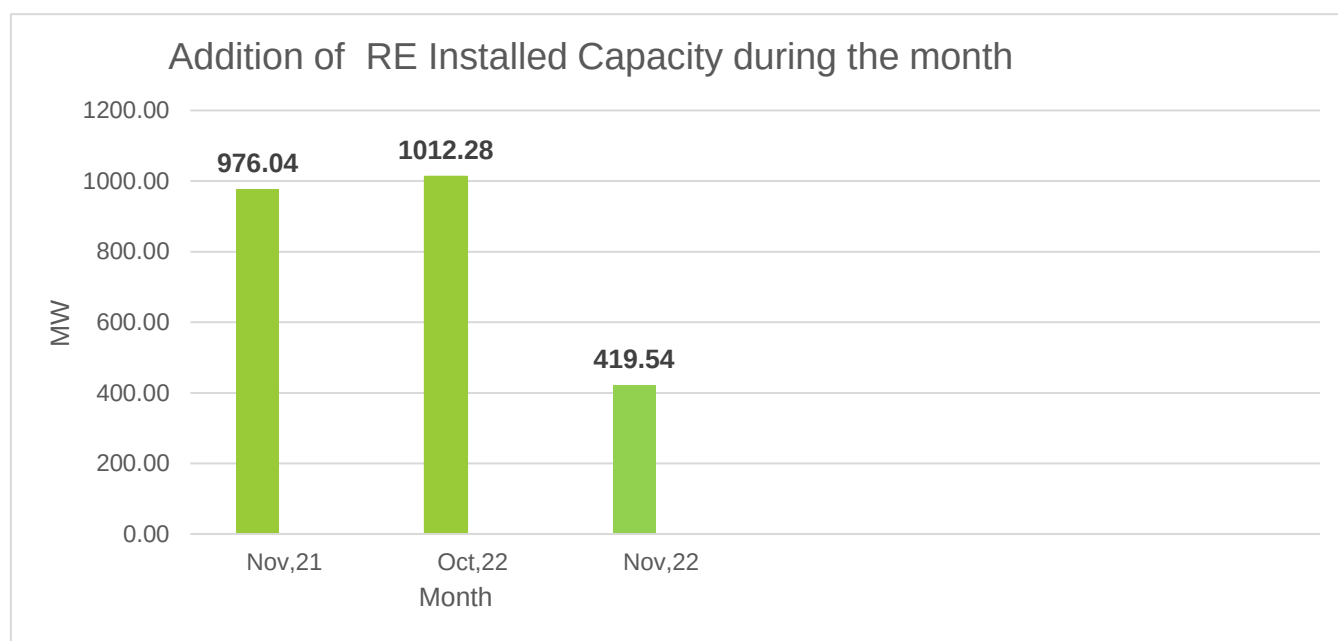


Figure 1: RE capacity added during the Month

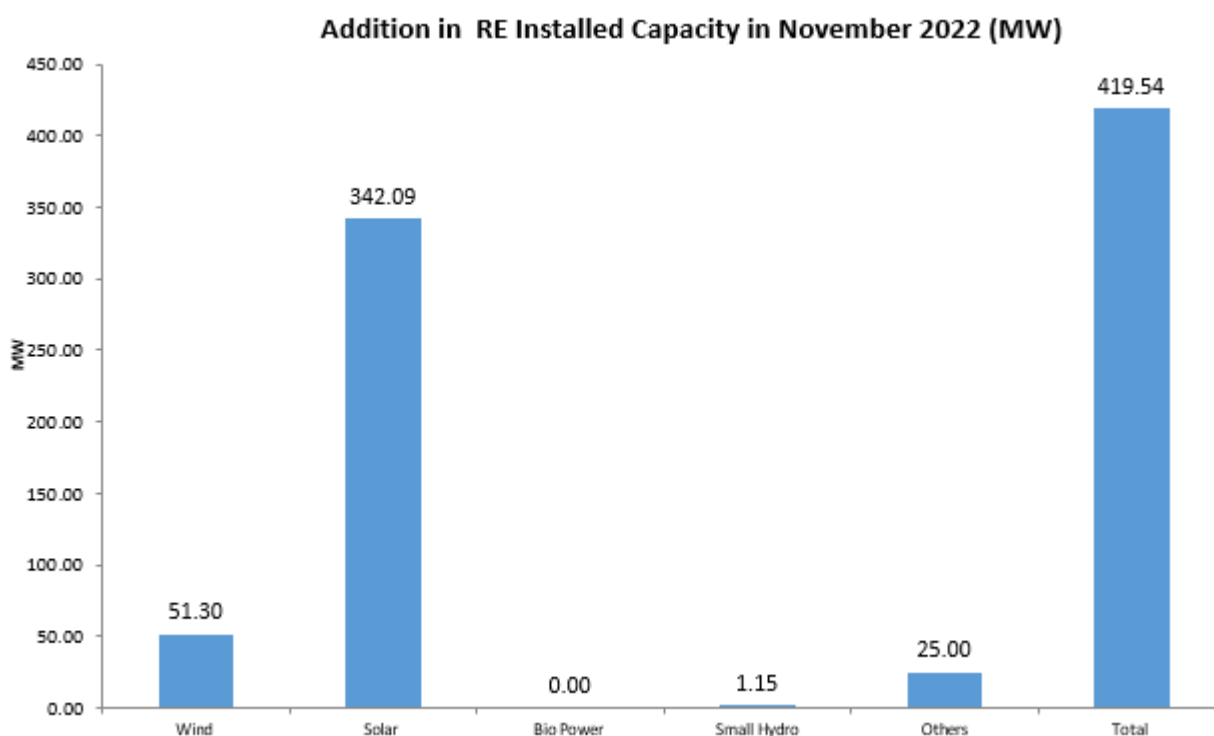


Figure 2: Source wise addition in RE Installed Capacity in November 22

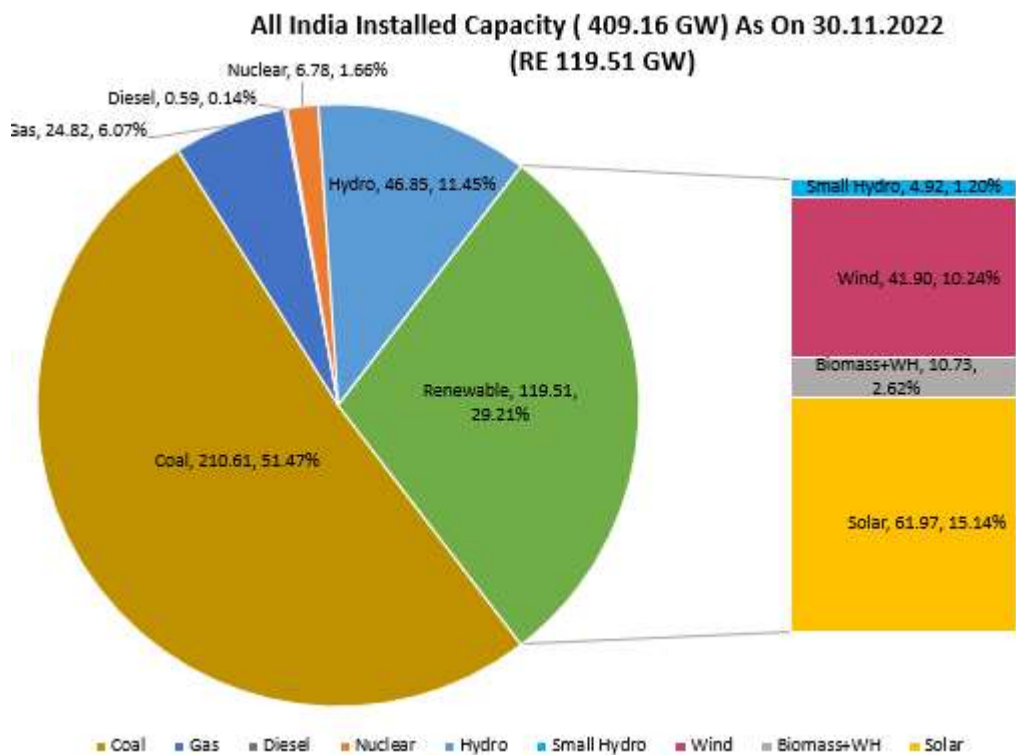


Figure 3: Installed Capacity in India as on 30.11.2022

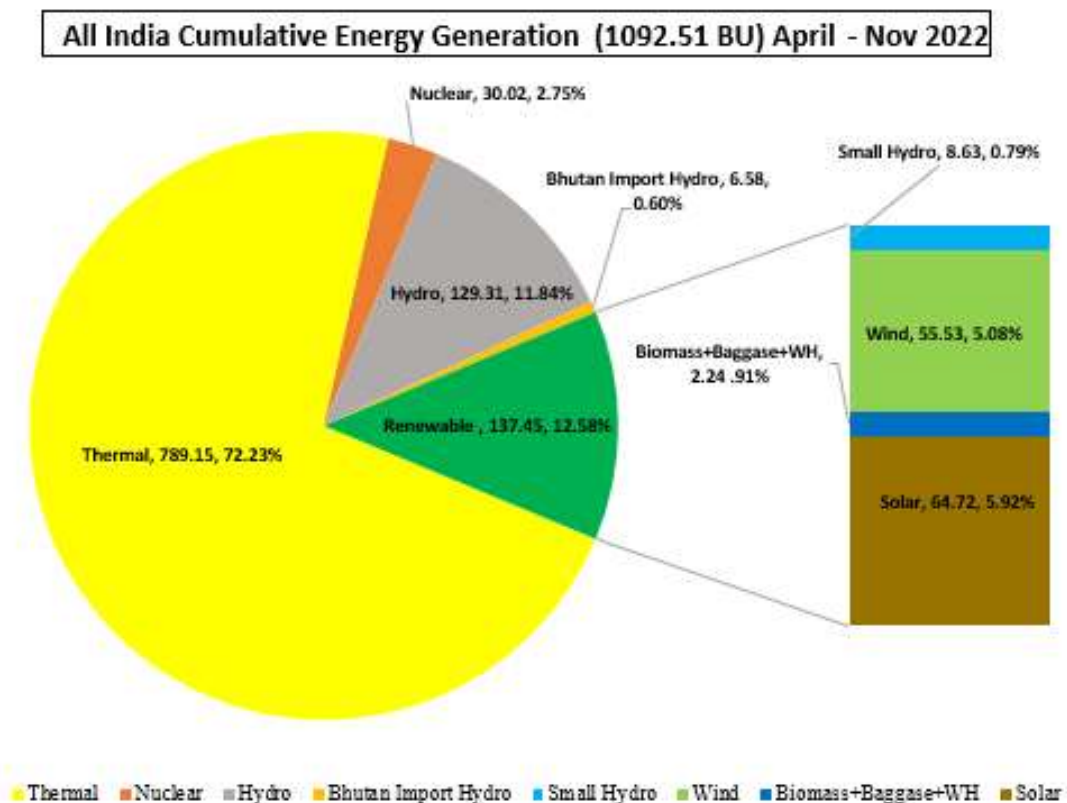


Figure 4: Cumulative Total Energy Generation in India and Share of RE for the year 2022-23(up to November 22).

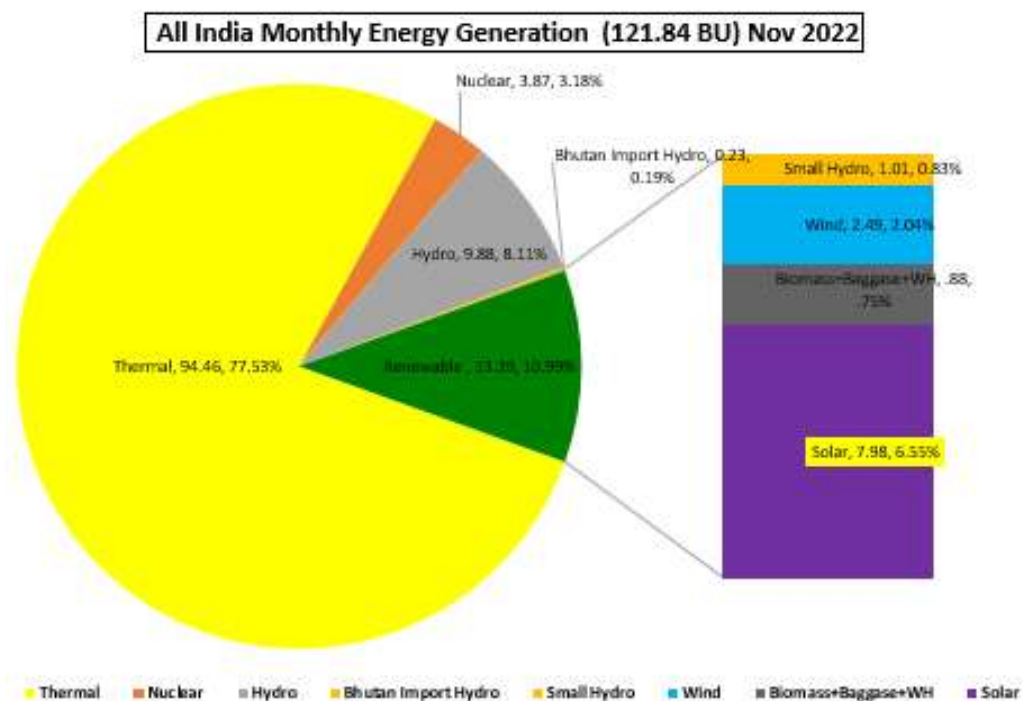


Figure 5: Total Energy Generation in India and Share of RE in the month of November-2022

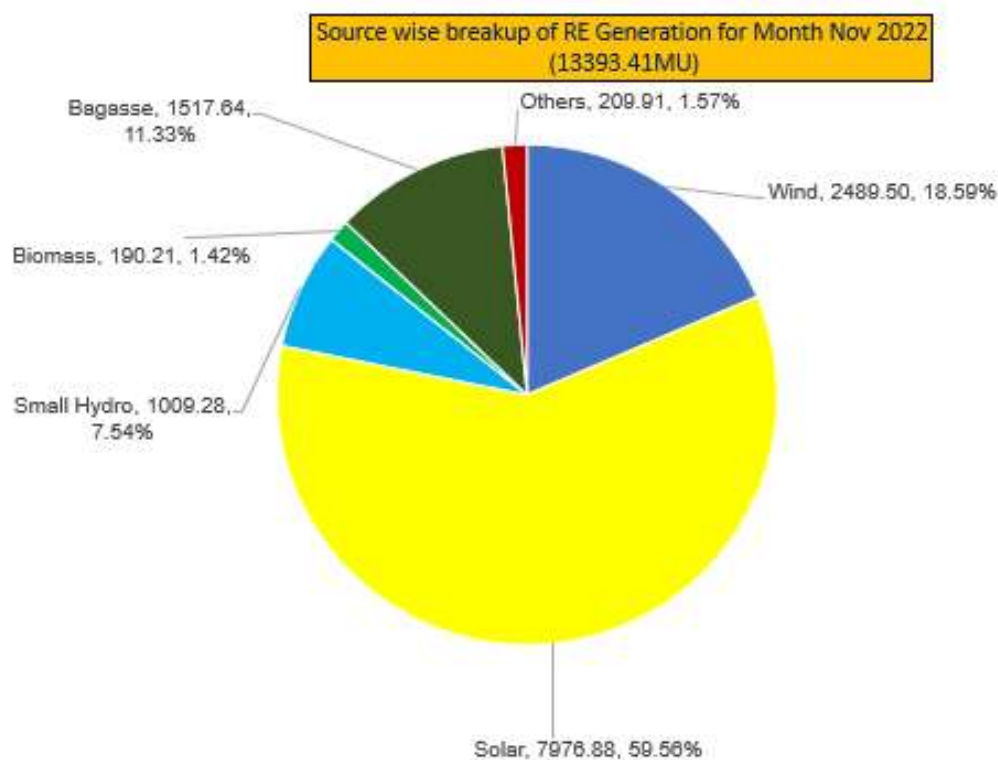


Figure 6: Source wise breakup of RE Generation in the month of November -2022

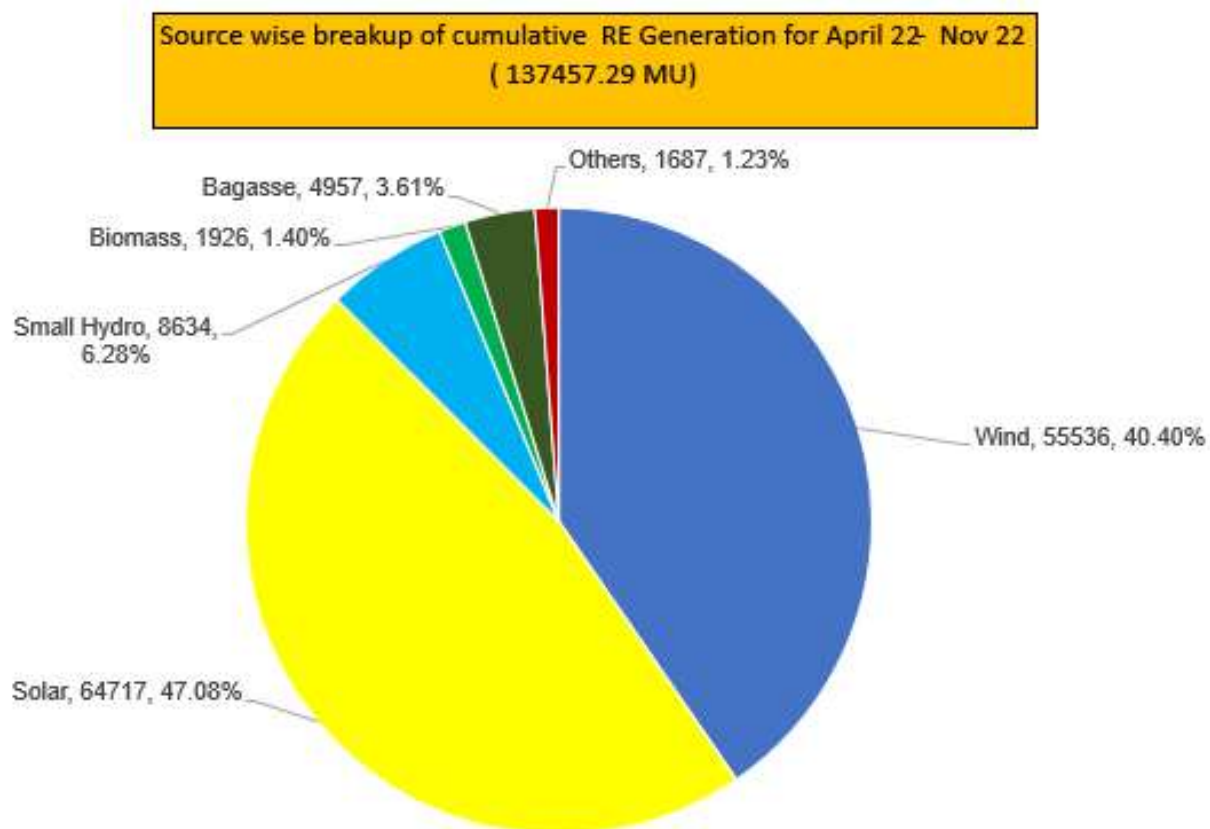


Figure 7: Source wise breakup of Cumulative RE Generation for the year 2022-23(up to November 22).

Summary of Renewable Energy Generation

Increased by 20.03% as compared to November'21.

Decreased by 5.93% as compared to October '22.

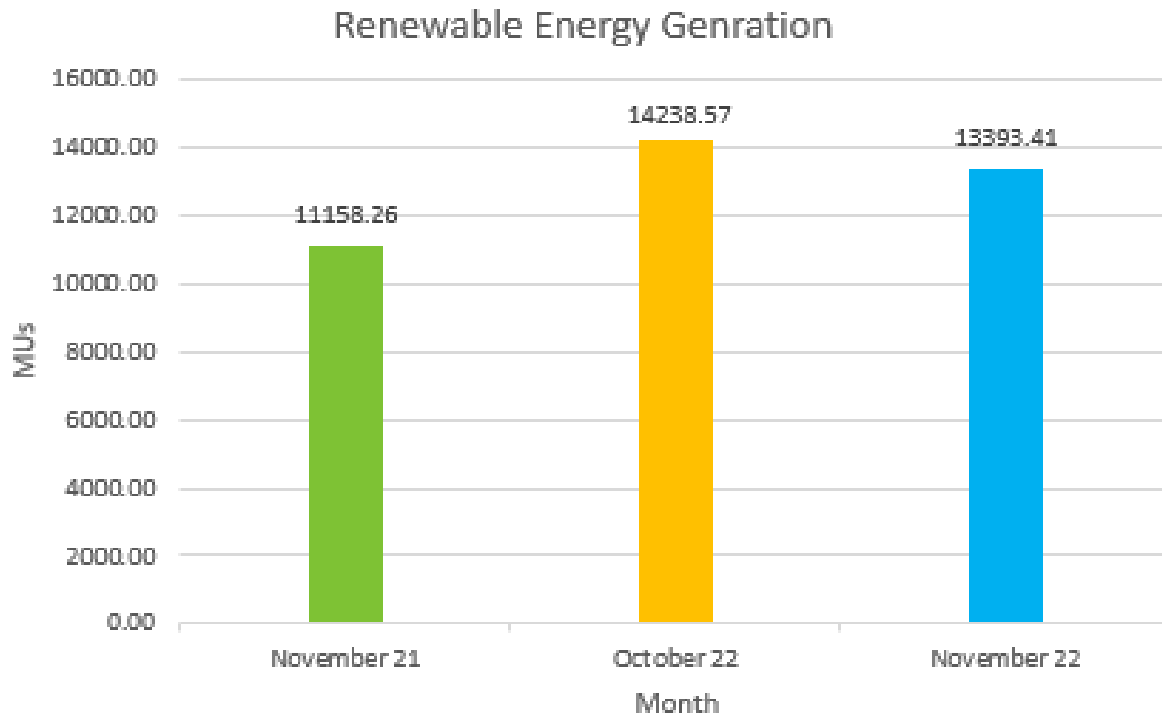


Figure 8: Renewable Energy Generation

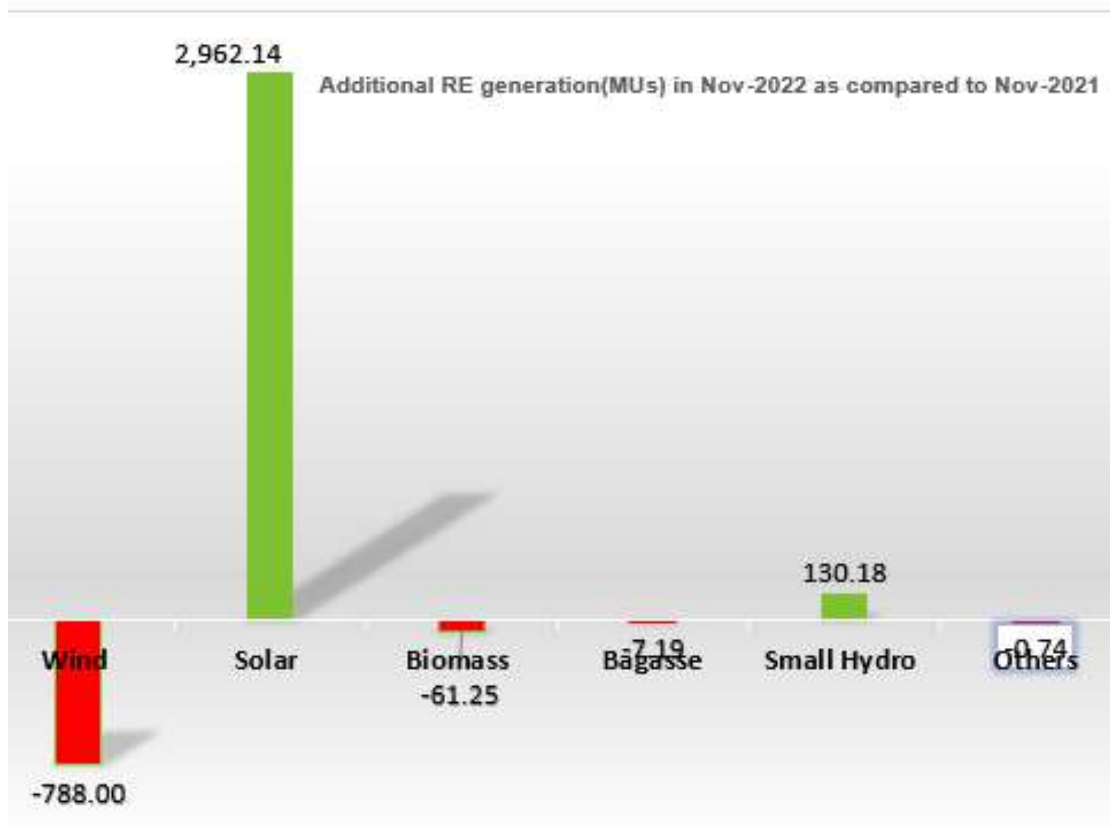


Figure 9: Additional RE Generation in November 22 as compared to November 21

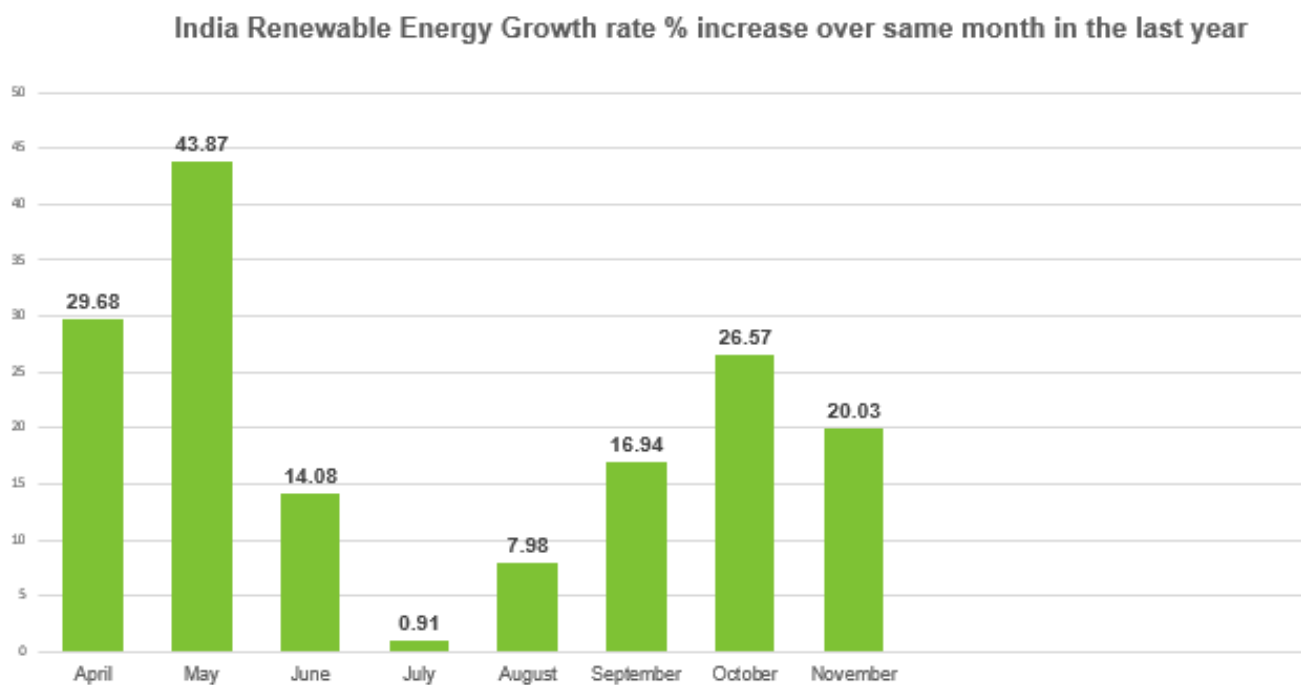


Figure 10: Month Wise Growth of RE Generation in year 2022-23 w.r.t to previous year Same Month.

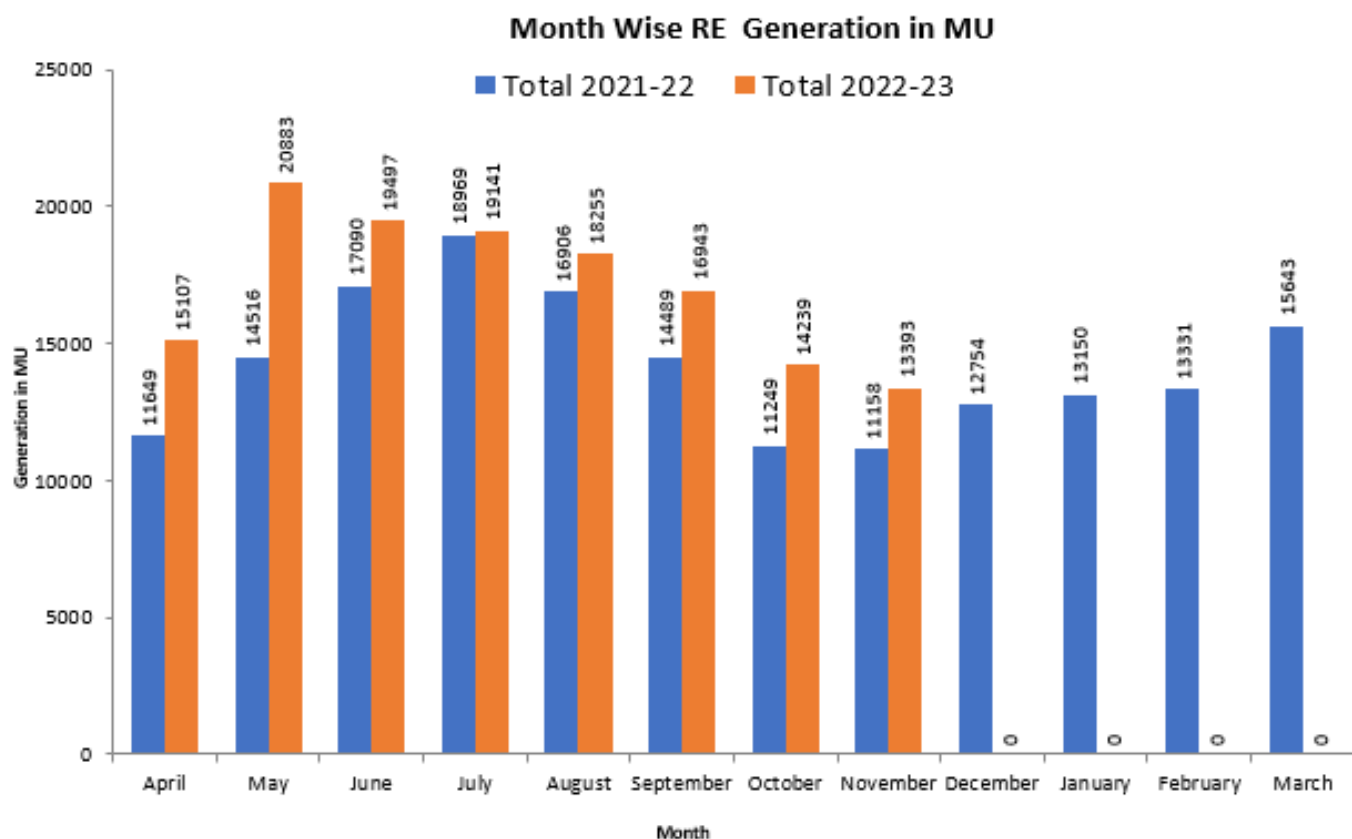


Figure 11: comparison of Month Wise RE Generation in year 2021-22 & in year 2022-23

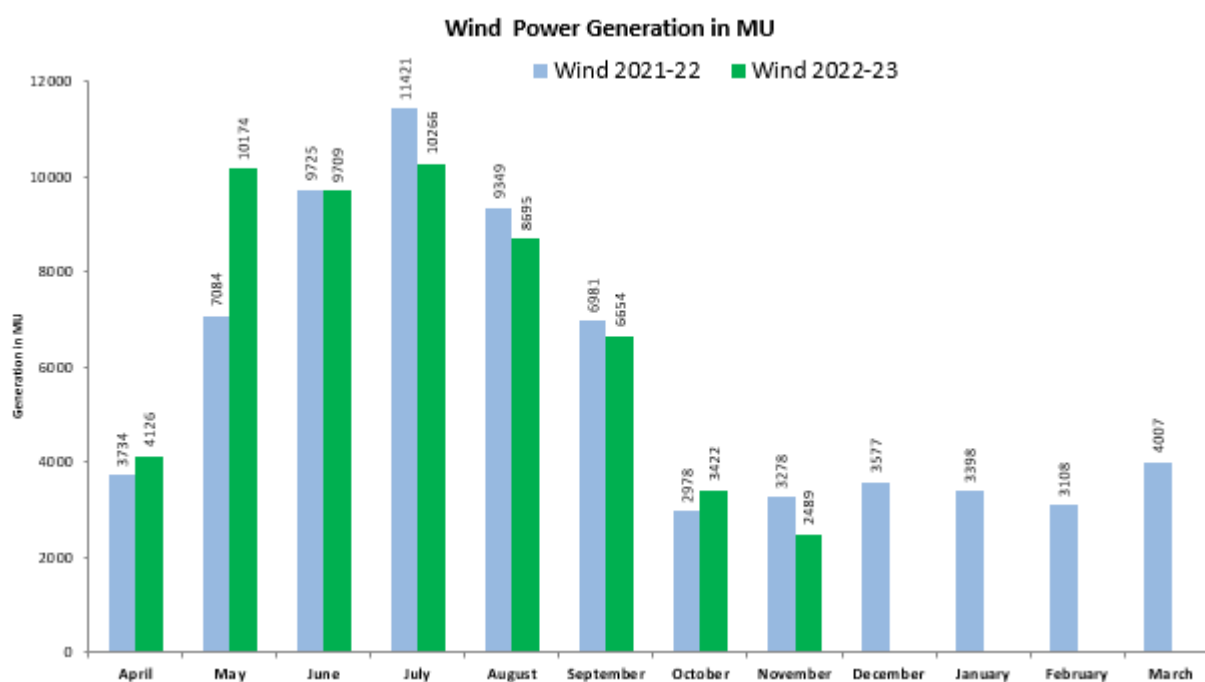


Figure 12: Month Wise Wind Power Generation for the year 2021-22 and year 2022-23.

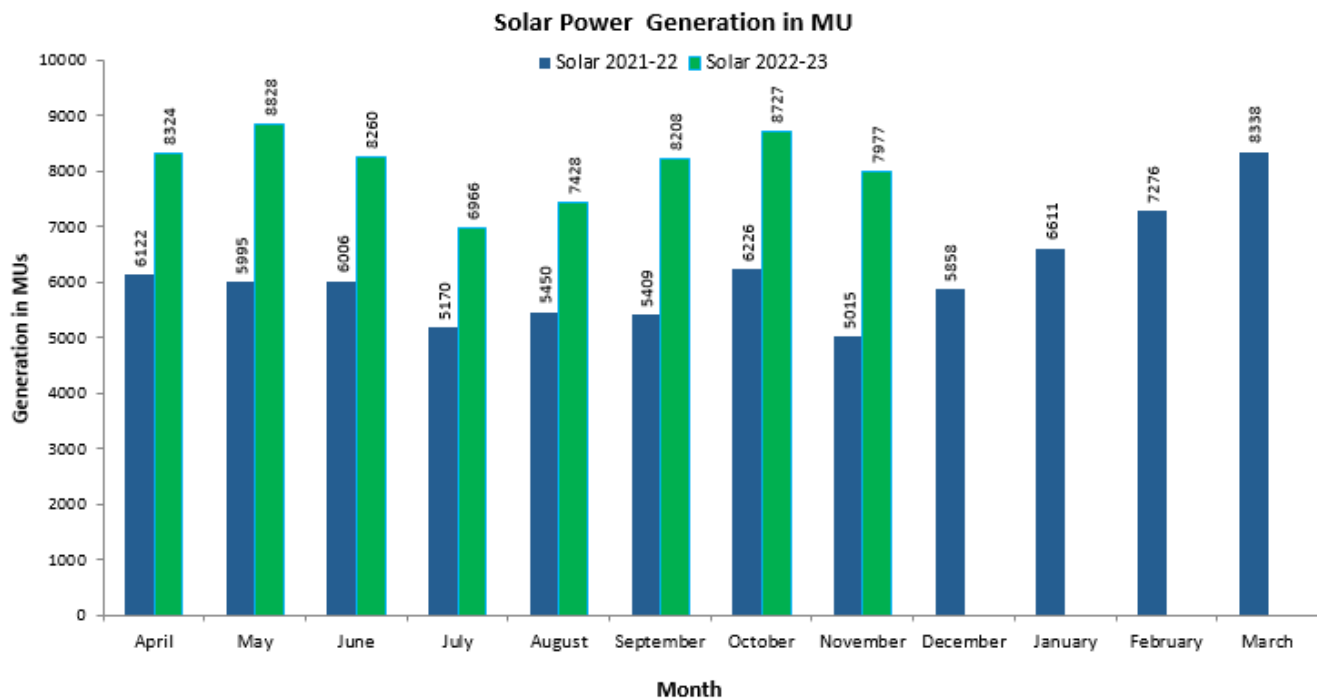


Figure 13: Month Wise Solar Power Generation for the year 2021-22 and year 2022-23.

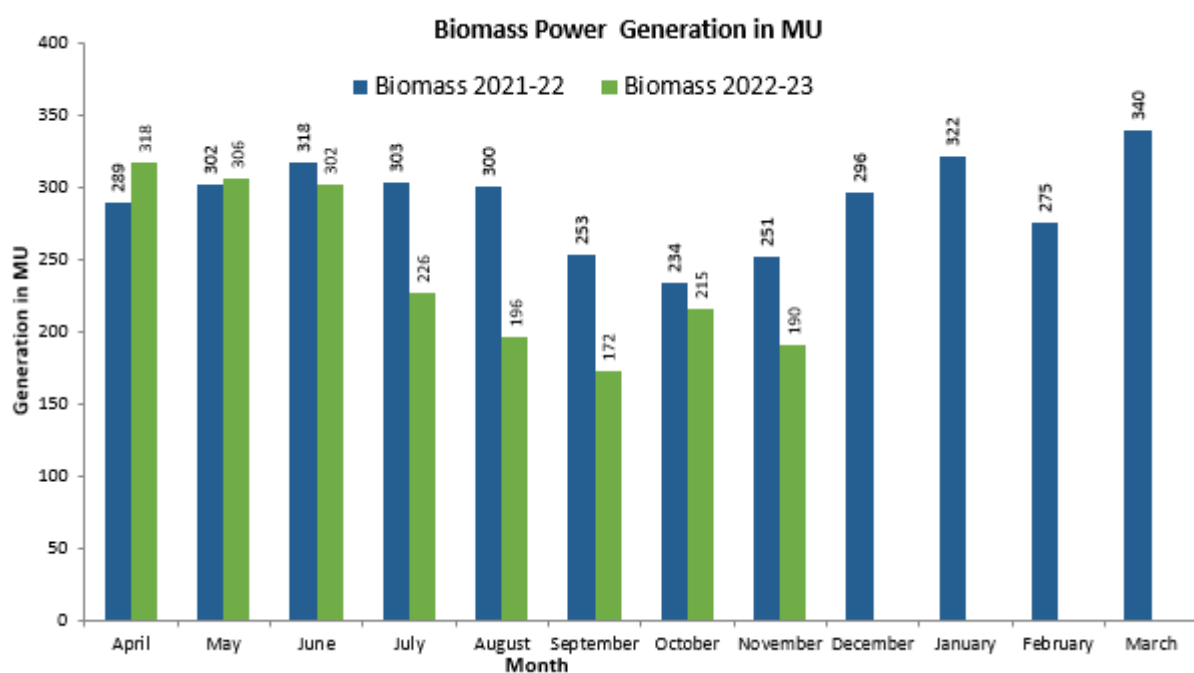


Figure 14: Month Wise Biomass Power Generation for the year 2021-22 and year 2022-23.

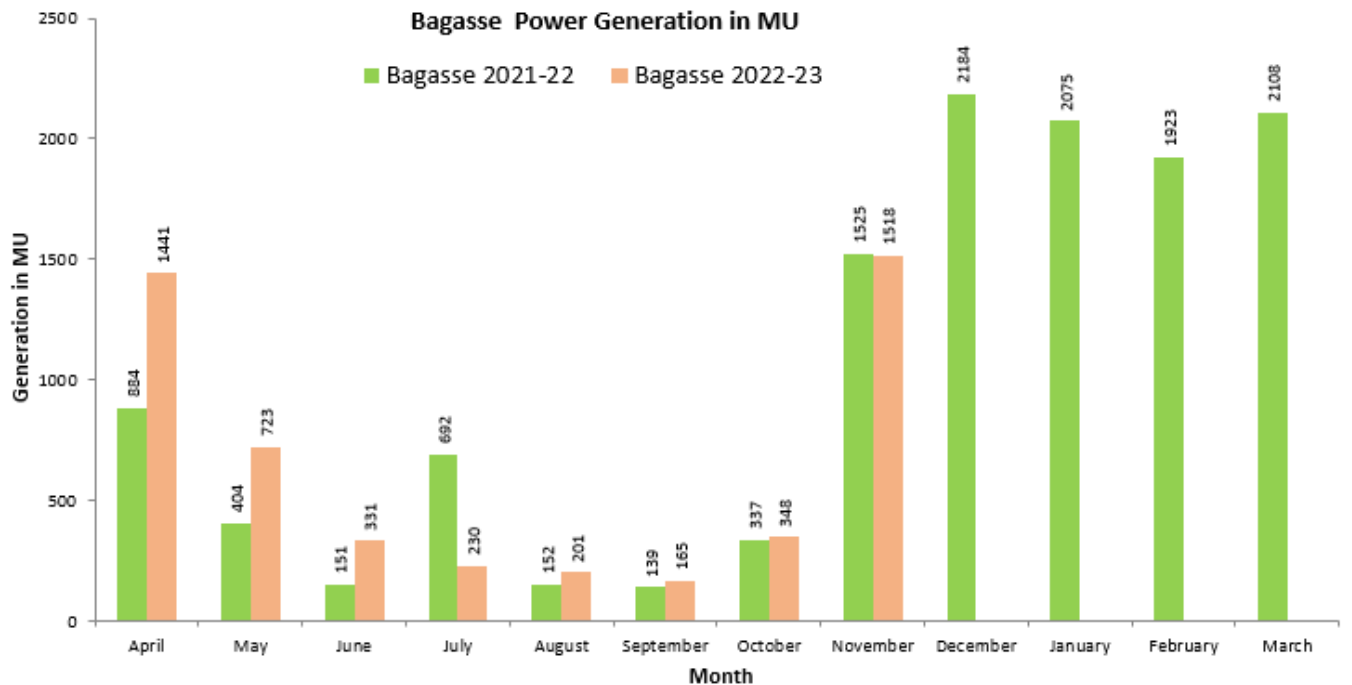


Figure 15: Month Wise Bagasse Power Generation for the year 2021-22 and year 2022-23.

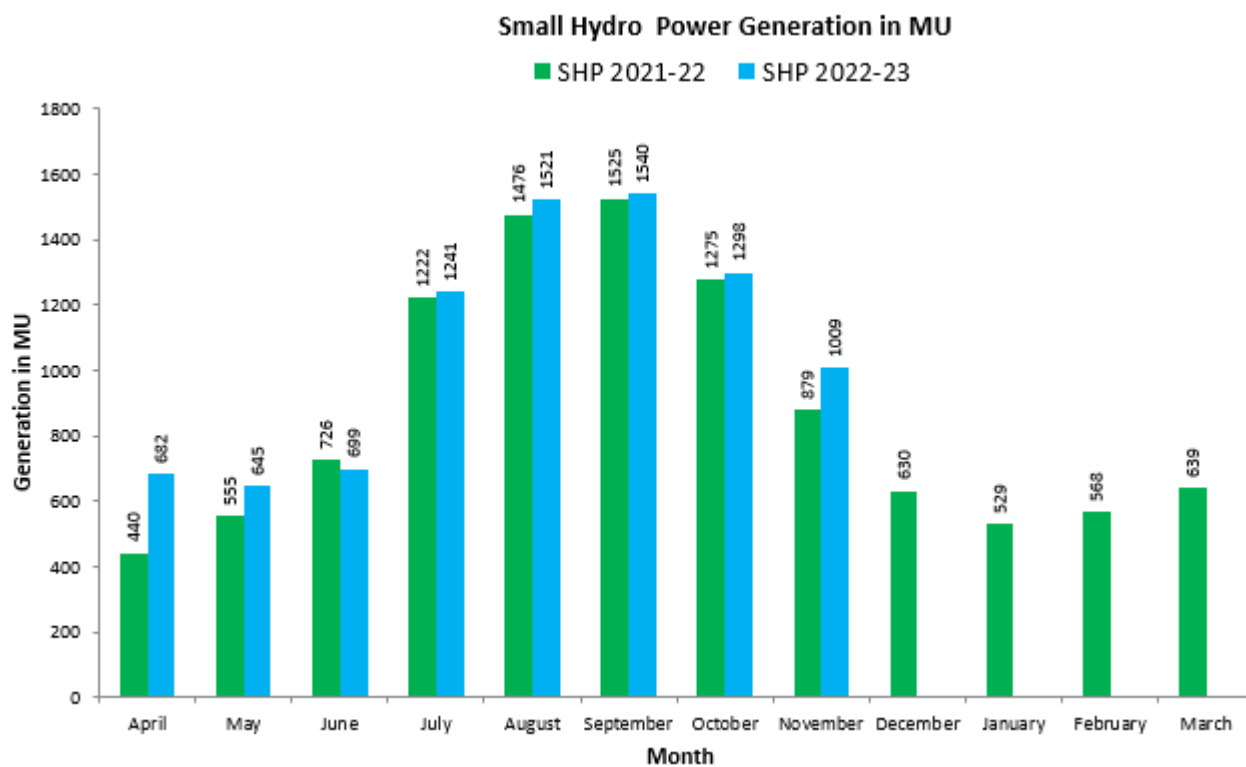


Figure 16: Month Wise Small Hydro Power Generation for the year 2021-22 and year 2022-23.

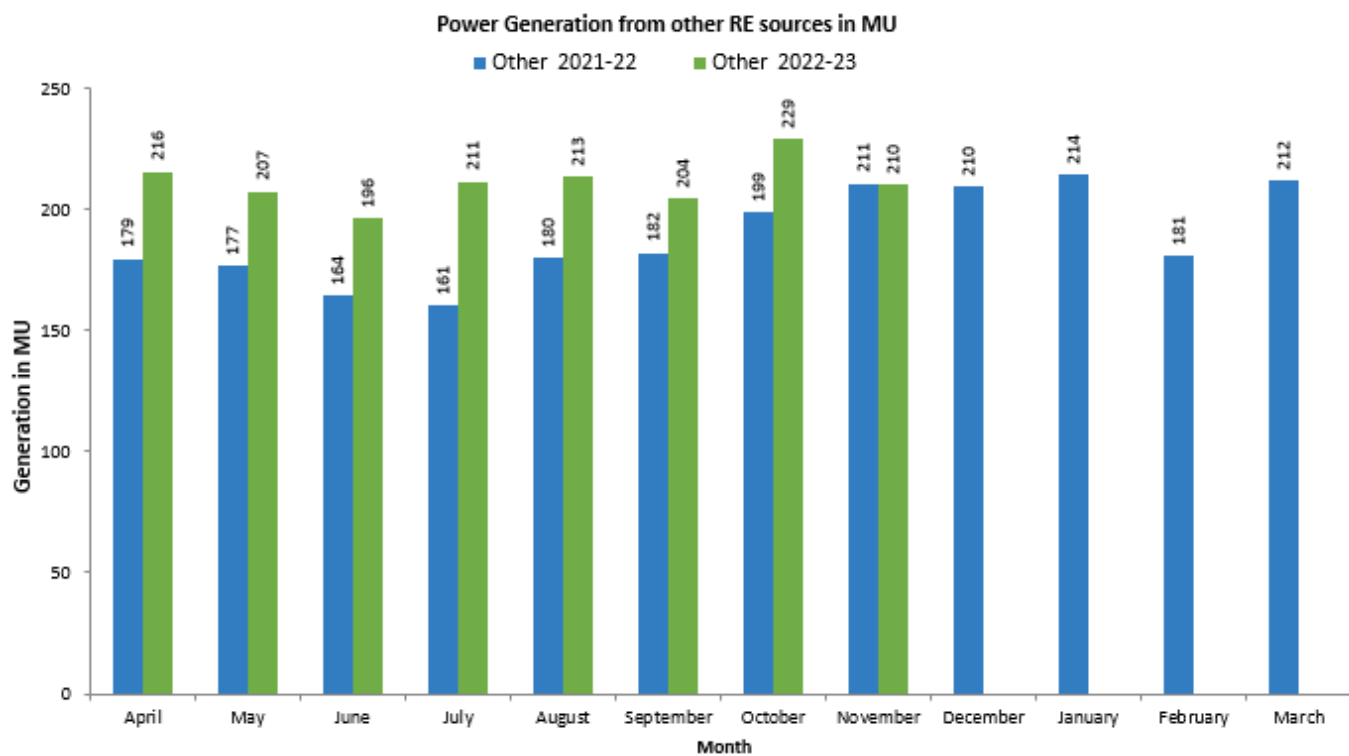


Figure 17: Month Wise Other RE (Waste Heat etc.) Power for the year 2021-22 and year 2022-23.

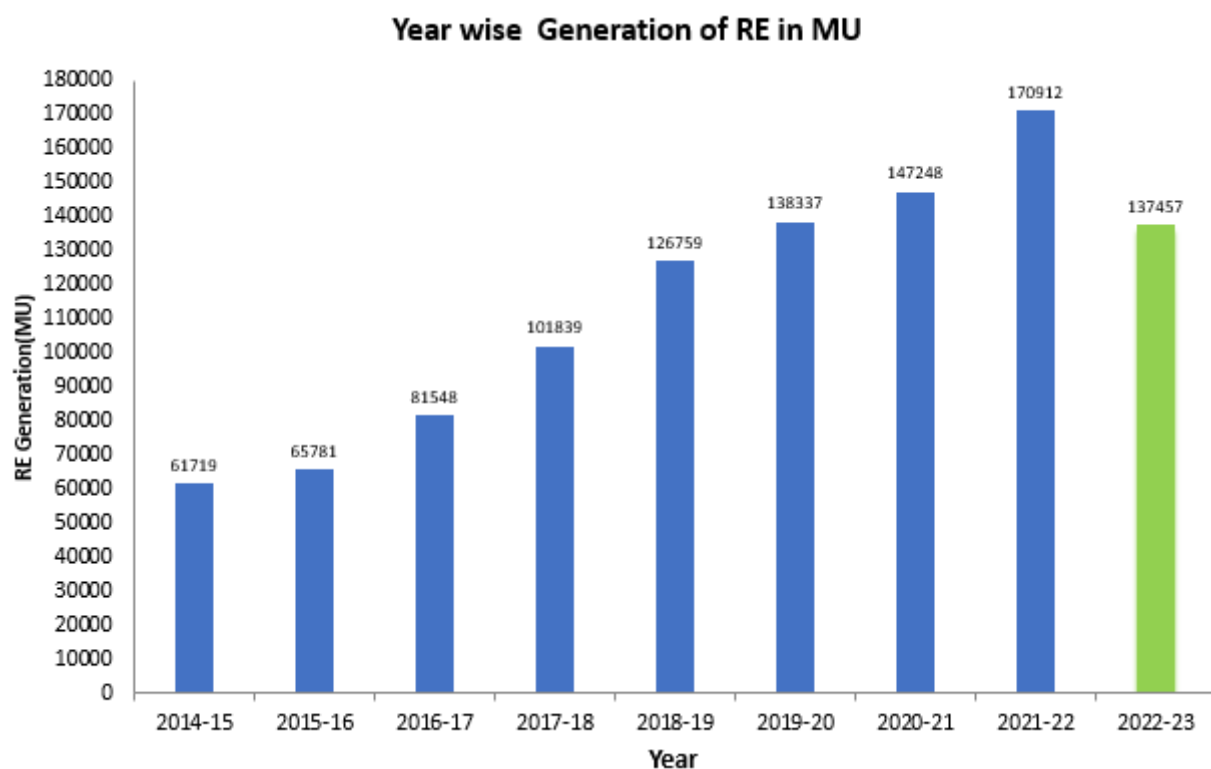


Figure 18: Year Wise RE Generation

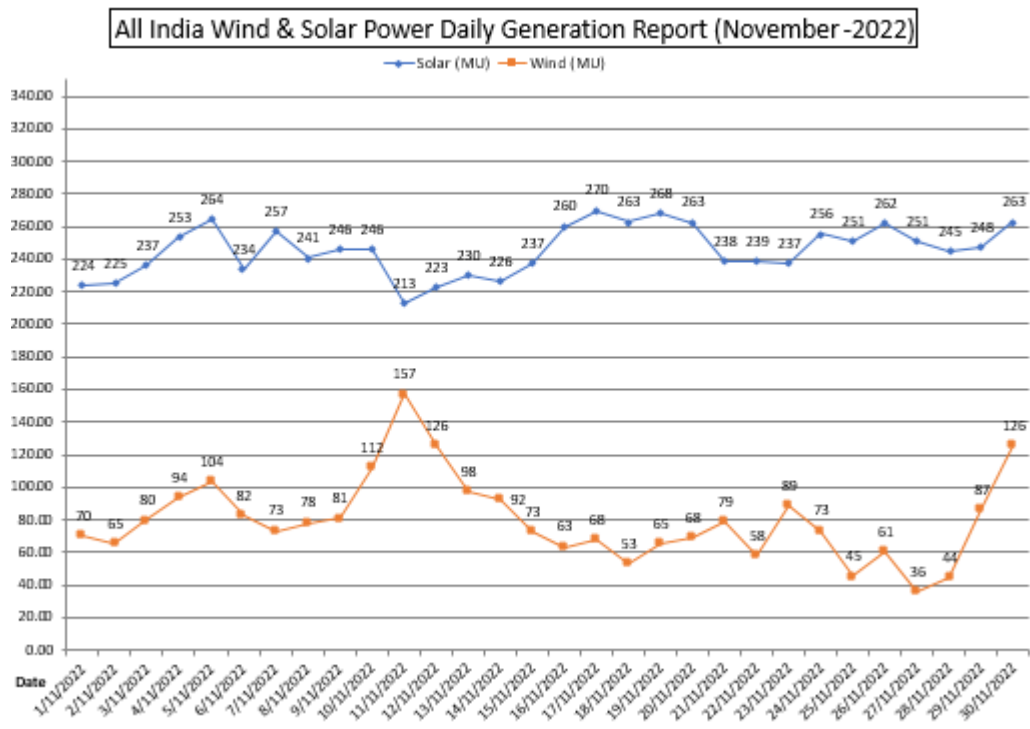


Figure 19: Daily solar and wind power generation trend in the month of November -2022

Table 1 All India Summary of Renewable Energy Generation

Summary of All India Total Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.11.2022)	RE Generation (MU) November '2022	RE Generation (MU) November '2021	% of same month Last Year	RE Generation (MU) April'2022- November '2022	RE Generation (MU) April'2021- November '2021	% of same period Last Year
पवन/Wind	41895.28	2489.50	3277.50	75.96	55536.21	54550.25	101.81
सौर/Solar	61966.36	7976.88	5014.74	159.07	64716.98	45392.32	142.57
बायोमास/Biomass	10205.61	190.21	251.45	75.64	1926.11	2250.04	85.60
बगास/Bagasse		1517.64	1524.82	99.53	4956.75	4284.13	115.70
लघु जल विद्युत्/Small Hydro	4924.65	1009.28	879.09	114.81	8634.30	8097.94	106.62
अन्य/Others	520.23	209.91	210.65	99.65	1686.94	1451.61	116.21
कुल/Total	119512.13	13393.41	11158.26	120.03	137457.29	116026.28	118.47

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

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	NTPC	Solar	1.11
Dadri Solar	Uttar Pradesh	Central	NTPC	Solar	0.46
Singrauli Solar	Uttar Pradesh	Central	NTPC	Solar	1.62
Auraiya	Uttar Pradesh	Central	NTPC	Solar	4.43
Kolayat	Rajasthan	Central	NTPC	Solar	68.87
ABC Renewable Energy	Rajasthan	Private	IPP	Solar	56.74
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	40.07
Acme Heerghar Powertech Pvt Ltd	Rajasthan	Private	IPP	Solar	42.99
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	IPP	Solar	177.28
Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	85.07
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	IPP	Solar	69.26
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	IPP	Solar	72.06
Adani RERJL	Rajasthan	Private	IPP	Solar	37.53
Adani SE Jaisalmer One	Rajasthan	Private	IPP	Solar	41.06
Adani SE4PL(Kilaj Solar)	Rajasthan	Private	IPP	Solar	9.06
Adani SEJ5PL	Rajasthan	Private	IPP	Solar	36.63
Adani SERJ1PL	Rajasthan	Private	IPP	Solar	57.64
Avaada Sunrays	Rajasthan	Private	IPP	Solar	33.57
Avaada RJHN	Rajasthan	Private	IPP	Solar	39.40
Avaada Sunce	Rajasthan	Private	IPP	Solar	57.37
Avaada Sustainable	Rajasthan	Private	IPP	Solar	49.68
Ayana Renewable One	Rajasthan	Private	IPP	Solar	56.53
Azure Power Forty One Private Limited	Rajasthan	Private	IPP	Solar	52.53
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	114.18

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	33.03
Azure Power Maple	Rajasthan	Private	IPP	Solar	26.66
Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	24.85
Clean Solar Power	Rajasthan	Private	IPP	Solar	46.54
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	59.94
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	60.80
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	9.66
Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	48.55
Mega Surya Urja	Rajasthan	Private	IPP	Solar	43.39
Nindan Solar Fatehgar	Rajasthan	Private	IPP	Solar	57.61
Renew Jharkhand	Rajasthan	Private	IPP	Solar	56.64
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	9.19
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	44.95
Renew Solar Urja	Rajasthan	Private	IPP	Solar	56.23
Renew Sun Bright	Rajasthan	Private	IPP	Solar	56.92
Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	57.42
Renew Surya Ravi	Rajasthan	Private	IPP	Solar	25.21
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	38.24
Tata Power Green Energy	Rajasthan	Private	IPP	Solar	53.85
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	35.93
Thar Surya1	Rajasthan	Private	IPP	Solar	31.77
Northern Region					2082.52
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	41.88
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	41.51
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	40.67
ESPL RSP Solar	Gujarat	Private	IPP	Solar	40.03

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
TPREL RSP Solar	Gujarat	Private	IPP	Solar	20.13
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	20.08
Powerica Wind	Gujarat	Private	IPP	Solar	4.14
NTPC Kawas	Gujarat	Central	NTPC	Solar	8.02
GSECL	Gujarat	Private	IPP	Solar	11.70
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	20.55
Alfnar Wind	Gujarat	Private	IPP	Wind	16.91
Adani Wind Energy	Gujarat	Private	IPP	Wind	34.37
Adani Green Energy Mp Ltd(Dayapar)(CPTTNPL)	Gujarat	Private	IPP	Wind	0
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	18.77
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	20.65
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	0.00
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	27.25
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	35.39
Avikiran Solar India Private Limited (ASIPL)	Gujarat	Private	IPP	Wind	5.29
SITAC Wind	Gujarat	Private	IPP	Wind	16.43
SRIJAN Wind	Gujarat	Private	IPP	Wind	3.73
Western Region					461.58
Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	11.60
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	11.72
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	26.32
Mytra	Tamil Nadu	Private	IPP	Wind	9.35
Orange	Tamil Nadu	Private	IPP	Wind	13.06
Green Infra	Tamil Nadu	Private	IPP	Wind	18.37
RSTPS Floating Solar	Andhra Pradesh	Private	IPP	Solar	14.78
Simhadri Floating Solar	Andhra Pradesh	Private	IPP	Solar	3.30
Adani7	Telangana	Private	IPP	Solar	37.52
Biwadi	Andhra Pradesh	Private	IPP	Solar	7.42
Hisar	Andhra Pradesh	Private	IPP	Solar	7.42

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Karnal	Andhra Pradesh	Private	IPP	Solar	7.38
Ayana	Andhra Pradesh	Private	IPP	Solar	38.01
Azure	Andhra Pradesh	Private	IPP	Solar	6.60
FRV2	Andhra Pradesh	Private	IPP	Solar	6.97
FRV	Andhra Pradesh	Private	IPP	Solar	7.32
NTPC	Andhra Pradesh	Private	IPP	Solar	25.06
SBG	Andhra Pradesh	Private	IPP	Solar	0.00
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	36.51
Tata	Andhra Pradesh	Private	IPP	Solar	12.85
Adyah10	Karnataka	Private	IPP	Solar	48.17
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	7.70
Avaada	Karnataka	Private	IPP	Solar	22.26
Avaada Solarise	Karnataka	Private	IPP	Solar	23.13
Azure Power	Karnataka	Private	IPP	Solar	16.48
Fortum Finsurya	Karnataka	Private	IPP	Solar	14.01
Fortum	Karnataka	Private	IPP	Solar	38.35
Kredl	Karnataka	Private	IPP	Solar	7.08
Parampujya	Karnataka	Private	IPP	Solar	22.73
Renew	Karnataka	Private	IPP	Solar	6.82
SBG	Karnataka	Private	IPP	Solar	32.67
Tata	Karnataka	Private	IPP	Solar	62.26
Yarrow	Karnataka	Private	IPP	Solar	7.68
Southern Region					632.64
All India Total					3176.74

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) November'20 22	RE Generation (MU)' November'20 21	RE Generation (MU) April'2022- November'20 22	RE Generation (MU) April'2021- November '2021
NTPC							
NTPC Faridabad_Solar	Haryana	5.00	Solar	0.47	0.46	4.22	4.66
NTPC Bhadla	Rajasthan	260.00	Solar	33.83	34.05	287.81	299.14
NTPC Jetsar	Rajasthan	160.00	Solar	22.89	0.00	237.65	0.00
NTPC Fatehgarh	Rajasthan	296.00	Solar	58.06	0.00	443.77	0.00
NTPC Dadri_Solar	Uttar Pradesh	5.00	Solar	0.46	0.46	4.12	4.44
NTPC Unchahar Solar	Uttar Pradesh	10.00	Solar	1.11	0.88	9.36	8.19
NTPC Singrauli_Solar	Uttar Pradesh	15.00	Solar	1.62	1.51	13.46	13.17
NTPC Auraiya	Uttar Pradesh	40.00	Solar	4.58	2.01	31.27	22.26
NTPC Singrauli	Uttar Pradesh	8.00	Small Hydro	2.30	0.00	20.21	13.72
NTPC Rojmal	Gujarat	50.00	Wind	4.76	8.12	74.42	69.41
NTPC Rajgarh_Solar	Madhya Pradesh	50.00	Solar	6.27	6.04	48.21	47.66
NTPC Mandsaur	Madhya Pradesh	250.00	Solar	32.10	30.99	248.91	247.05
NTPC Anantapuram	Andhra Pradesh	250.00	Solar	25.53	19.04	239.68	240.14
NTPC Ramagundam	Telangana	110.00	Solar	15.94	2.86	106.00	10.03
NTPC Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.42	0.45	3.37	3.28
NTPC Talchar_Solar	Orissa	10.00	Solar	1.15	1.00	8.66	8.63
NTPC Solar_Bilhaur	Uttar Pradesh	225.00	Solar	34.95	33.25	329.94	311.41
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	3.25	3.93	30.85	13.22
Kayamkulam	Kerala	92.00	Solar	15.64	0.00	97.12	0.00
Kawas	Gujarat	56.00	Solar	7.86	0.00	37.49	0.00
Gandhar	Gujarat	10.00	Solar	1.58	0.00	3.95	0.00
Shambu ki Burj-I	Rajasthan	250.00	Solar	45.22	0.00	178.45	0.00
Shambu ki Burj-II	Rajasthan	150.00	Solar	22.92	0.00	43.59	0.00
Total NTPC		2332.00		342.91	145.05	2502.51	1316.41
THDC							
THDC Patan Wind Power Project	Gujarat	50.00	Wind	1.99	3.53	56.00	56.42
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	5.86	12.72	96.26	109.13
THDC Solar Kasaragod	Kerala	50.00	Solar	7.94	6.73	56.63	51.73
THDCIL's premises at Rishikesh	Uttar Pradesh	0.50	Solar	0.04	4.88	0.35	5.10
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	3.52	0.04	52.57	30.03
Total THDC		187.50		19.35	27.90	261.81	252.40

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) November'20 22	RE Generation (MU)' November'20 21	RE Generation (MU) April'2022- November'20 22	RE Generation (MU) April'2021- November '2021
NHPC							
NHPC Wind Power Project	Rajasthan	50.00	Wind	2.93	3.47	58.70	60.47
NHPC Solar Power Project	Tamilnadu	50.00	Solar	5.78	4.76	59.25	57.41
Total NHPC		100.00		8.71	8.23	117.96	117.87
ONGC							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	0.00	0.00	11.63	20.05
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	4.56	4.70	104.93	116.22
ONGC Solar, Goa	Goa	1.00	Solar	0.09	0.08	0.66	0.58
ONGC Solar, Hazira	Gujarat	10.00	Solar	0.00	0.00	0.00	0.00
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.00	0.00	0.00	0.00
ONGC Solar,Rajahmundary	Andhra Pradesh	1.00	Solar	0.00	0.00	0.00	0.00
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.03	0.00	0.14	0.00
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.47	0.00	4.49	0.54
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.00	0.00	0.00	0.00
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.00	0.00	0.00	0.00
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.24	Solar	0.00	0.00	0.00	0.00
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.00	0.00	0.00	0.00
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.00	0.00
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.00	0.00	0.00	0.00
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00	0.00
Total ONGC		184.05		5.15	4.78	121.84	137.40
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	1.67	2.10	46.61	48.88
Sadla Wind Power	Gujarat	50.00	Solar	2.14	7.10	67.75	73.99
Charanka Solar Power	Gujarat	5.60	Solar	0.76	0.64	5.38	5.27
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.09	0.00	0.97	0.00
Total SJVN		75.00	Solar	4.02	0.00	4.02	0.00
Oil India Ltd		179.20		8.69	9.84	124.73	128.14
Oil India Ltd	Rajasthan	14.00	Solar	1.88	2.88	16.41	17.16
Oil India Ltd	Rajasthan	67.60	Wind	3.14	1.79	62.37	59.41

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) November'20 22	RE Generation (MU)' November'20 21	RE Generation (MU) April'2022- November'20 22	RE Generation (MU) April'2021- November '2021
Oil India Ltd	Gujarat	43.30	Wind	5.24	7.59	66.47	63.09
Oil India Ltd	Madhya Pradesh	63.20	Wind	2.68	8.20	73.59	90.51
Total Oil India Ltd		188.10		12.94	20.46	218.85	230.17
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.64	0.55	3.75	3.59
DVC							
DVC	West Bengal	0.08	Solar	0.01	0.01	0.05	2.97
DVC	Jharkhand	4.00	Small Hydro	0.00	2.56	0.00	12.23
Total DVC		4.08		0.01	2.57	0.05	15.20
All India Total		3179.93		398.40	219.38	3351.50	2201.19

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 November 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual- Schedule) in MU.
NORTHERN REGION				
ABC RENEWABLE ENERGY	Solar	57.72	56.74	-0.98
ACME HEERGARH POWERT	Solar	42.13	42.99	0.86
ACME CHITTORGARH ENERGY PVT LTD	Solar	40.31	40.07	-0.24
ADANI HYBRID	Solar	94.87	85.07	-9.81
ADANI HYBRID FOUR	Solar	177.70	177.28	-0.42
ADANI HYBRID THREE	Solar	68.11	69.26	1.15
ADANI HYBRID TWO	Solar	71.63	72.06	0.43
Adani RERJL	Solar	38.87	37.53	-1.34
Adani SE Jaisalmer One	Solar	46.41	41.06	-5.35
ADANI SE JODHPUR 2 L	Solar	9.73	9.66	-0.08
Adani SE4PL	Solar	9.71	9.06	-0.65
Adani SEJ5PL	Solar	36.06	36.63	0.57
Adani SERJ1PL	Solar	59.10	57.64	-1.46
AURAIYA SOLAR	Solar	4.76	4.43	-0.33
AVAADA RJHN	Solar	40.32	39.40	-0.92
AVAADA SUNCE	Solar	58.23	57.37	-0.86
AVAADA SUNRAYS	Solar	33.91	33.57	-0.34
AVAADA SUSTAINABLE	Solar	51.49	49.68	-1.81
AYANA RENEWABLE ONE	Solar	56.10	56.53	0.43
AZURE FORTY ONE	Solar	54.23	52.53	-1.70
AZURE FORTY THREE	Solar	111.24	114.18	2.95
AZURE POWER MAPLE	Solar	29.80	26.66	-3.14
AZURE POWER THIRTY Four	Solar	24.36	24.85	0.49
AZURE SOLAR	Solar	33.59	33.03	-0.56
CLEAN SOLAR POWER	Solar	46.20	46.54	0.34
CLEAN SOLAR POWER (BHADLA) PVT LTD	Solar	53.86	59.94	6.08
DADRI SOLAR	Solar	0.56	0.47	-0.09
EDEN RENEWABLE	Solar	59.73	60.80	1.07
KOLYAT SOLAR BIKANER	Solar	68.44	68.87	0.43
MAHINDRA RPL	Solar	48.34	48.55	0.20
MEGA SURYAURJA	Solar	43.41	43.39	-0.03
NIDAN SOLAR FATEHGAR	Solar	57.34	57.61	0.27
RENEW JHARKHAND	Solar	56.28	56.64	0.36
RENEW SOLAR	Solar	9.18	9.19	0.00
RENEW SOLAR URJA	Solar	56.17	56.23	0.00
RENEW SUN BRIGHT	Solar	55.12	56.92	1.80
RENEW SUN WAVES	Solar	56.98	57.42	0.44
RENEW SURYA RAVI	Solar	25.69	25.21	-0.47
RENEW SOLAR POWER PVT LTD. BIKANER	Solar	45.23	44.95	-0.29
SBSR POWER CLEANTECH	Solar	39.32	38.24	-1.08
SINGRAULI SOLAR	Solar	1.74	1.60	-0.14

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of November 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual- Schedule) in MU.
TATA POWER GREEN ENERGY	Solar	39.78	35.93	-3.85
TATA SOLAR	Solar	58.32	53.85	-4.46
THAR SURYA 1	Solar	32.09	31.77	-0.31
UNCHAHAH SOLAR	Solar	1.20	1.10	-0.10
WESTERN REGION				
ALFNAR WIND	Wind	21.14	16.91	-4.23
ARINSUN SOLAR (BARSITADESH)	Solar	41.15	41.88	0.74
AVIKIRAN SOLAR INDIA PRIVATE LIMITED (ASIPL)	Solar	5.57	5.29	-0.28
ACME SOLAR (RAMNAGAR)	Solar	38.31	41.51	3.20
ADANI WIND ENERGY	Wind	32.03	34.37	2.34
ESPL RSP SOLAR	Solar	39.95	40.03	0.08
GANDHAR_SOLAR	Solar	1.60	1.52	-0.08
GIPCL RSP SOLAR	Solar	19.22	20.08	0.87
GIWEL-III WIND (NARANPAR)	Wind	25.25	20.65	-4.60
GIWEL-II WIND (VADVA)	Wind	22.65	18.77	-3.89
GSECL	Solar	11.00	11.70	0.70
IWISL WIND (DAYAPAR)	Wind	0.00	0.00	0.00
NTPC KAWAS	Solar	8.07	8.02	-0.05
MAHINDRA SOLAR (BADWAR)	Solar	38.19	40.67	2.47
OSTRO WIND (KUTCH)	Wind	32.93	27.25	-5.68
POWERICA	Wind	5.14	4.14	-1.00
RENEW SOLAR (BHUVAD)	Wind	27.64	20.55	-7.10
RENEW AP2 WIND(GHADSISA)	Wind	40.93	35.39	-5.53
SITAC WIND	Wind	20.42	16.43	-3.98
SRIJAN WIND	Wind	5.70	3.73	-1.98
TPREL RSP SOLAR	Solar	19.41	20.13	0.72
SOUTHERN REGION				
BEETAM	Wind	12.79	11.60	-1.19
GIREL	Wind	21.84	18.37	-3.47
MYTRAH	Wind	7.07	9.35	2.28
ORANGE	Wind	17.96	13.06	-4.90
SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)	Wind	12.53	11.72	-0.82
GRTJIPL	Wind	21.73	21.74	0.01

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 November 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	0.20	0.20	100.00
Delhi	0.00	233.18	0.00	0.00	37.93	271.11	13.99
Haryana	2178.60	0.00	0.00	0.00	68.05	2246.65	3.03
HP	0.00	0.00	0.00	1844.65	349.73	2194.38	100.00
J & K	0.00	0.00	0.00	697.28	23.02	720.30	100.00
Ladakh	0.00	0.00	0.00	20.34	0.00	20.34	100.00
Punjab	2270.65	0.00	0.00	330.76	370.83	2972.24	23.60
Rajasthan	4589.27	122.73	475.10	125.04	3022.98	8335.12	43.47
Uttar Pradesh	10932.70	50.12	308.06	42.09	670.73	12003.70	8.50
Uttarakhand	0.00	0.00	0.00	863.16	77.81	940.97	100.00
Northern Region Total	19971.22	406.03	783.16	3923.32	4621.28	29705.01	31.40
WESTERN REGION							
Chhattisgarh	11687.02	0.00	0.00	3.19	124.45	11814.66	1.08
Gujarat	4260.87	237.40	204.80	282.45	1550.06	6535.58	31.17
Madhya Pradesh	11044.65	0.00	0.00	402.49	487.50	11934.64	7.46
Maharashtra	10255.37	105.41	719.55	349.25	1430.44	12860.02	19.43
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	37247.91	342.81	924.35	1037.38	3595.74	43148.19	12.88
SOUTHERN REGION							
Andhra Pradesh	4596.03	0.00	0.18	417.63	860.60	5874.44	21.76
Telangana	4050.74	0.00	0.00	582.30	614.98	5248.02	22.81
Karnataka	2420.98	0.00	604.66	1024.03	2176.36	6226.03	61.12
Kerala	0.00	0.00	0.00	535.25	181.38	716.63	100.00
Tamil Nadu	4950.24	115.00	1557.50	625.00	987.47	8235.21	38.49
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	21.01	0.00	0.00	1.02	22.03	4.63
Southern Region Total	16017.99	136.01	2162.34	3184.21	4821.81	26322.36	38.63
EASTERN REGION							
Andaman Nicobar	25.01	0.00	0.00	0.00	3.28	28.29	11.59
Bihar	4539.52	0.00	0.00	0.00	23.56	4563.08	0.52
Jharkhand	2507.39	0.00	0.00	6.89	1.57	2515.85	0.34
Orissa	5057.48	0.00	0.00	428.08	101.43	5586.99	9.48
Sikkim	0.00	0.00	0.00	582.92	1.03	583.95	100.00
West Bengal	7023.65	0.00	0.00	230.35	169.60	7423.60	5.39
Eastern Region Total	19153.05	0.00	0.00	1248.24	300.47	20701.76	7.48

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of November 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	345.77	0.28	346.05	100.00
Assam	313.82	269.59	0.00	43.22	25.76	652.39	10.57
Manipur	0.00	0.00	0.00	31.34	0.65	31.99	100.00
Meghalaya	0.00	0.00	0.00	46.96	3.31	50.27	100.00
Mizoram	0.00	0.00	0.00	13.83	8.26	22.09	100.00
Nagaland	0.00	0.00	0.00	6.13	15.20	21.33	100.00
Tripura	0.00	604.23	0.00	0.00	0.64	604.87	0.11
North Eastern Region Total	313.82	873.82	0.00	487.25	54.11	1729.00	31.31
All India Total	92703.99	1758.67	3869.85	9880.40	13393.41	121606.32	22.32

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 November 2022							
State/UT	Thermal	Gas	Nuclear	(Large Hydro)	Renewable Energy	Grand Total	RE as % of Total
NORTHERN REGION							
Chandigarh	0.00	0.00	0.00	0.00	0.20	0.20	100.00
Delhi	0.00	233.18	0.00	0.00	37.93	271.11	13.99
Haryana	2178.60	0.00	0.00	0.00	68.05	2246.65	3.03
HP	0.00	0.00	0.00	1844.65	349.73	2194.38	15.94
J & K	0.00	0.00	0.00	697.28	23.02	720.30	3.20
Ladakh	0.00	0.00	0.00	20.34	0.00	20.34	0.00
Punjab	2270.65	0.00	0.00	330.76	370.83	2972.24	12.48
Rajasthan	4589.27	122.73	475.10	125.04	3022.98	8335.12	36.27
Uttar Pradesh	10932.70	50.12	308.06	42.09	670.73	12003.70	5.59
Uttarakhand	0.00	0.00	0.00	863.16	77.81	940.97	8.27
Northern Region Total	19971.22	406.03	783.16	3923.32	4621.28	29705.01	15.56
WESTERN REGION							
Chhattisgarh	11687.02	0.00	0.00	3.19	124.45	11814.66	1.05
Gujarat	4260.87	237.40	204.80	282.45	1550.06	6535.58	23.72
Madhya Pradesh	11044.65	0.00	0.00	402.49	487.50	11934.64	4.08
Maharashtra	10255.37	105.41	719.55	349.25	1430.44	12860.02	11.12
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	37247.91	342.81	924.35	1037.38	3595.74	43148.19	8.33
SOUTHERN REGION							
Andhra Pradesh	4596.03	0.00	0.18	417.63	860.60	5874.44	14.65
Telangana	4050.74	0.00	0.00	582.30	614.98	5248.02	11.72
Karnataka	2420.98	0.00	604.66	1024.03	2176.36	6226.03	34.96
Kerala	0.00	0.00	0.00	535.25	181.38	716.63	25.31
Tamil Nadu	4950.24	115.00	1557.50	625.00	987.47	8235.21	11.99
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	21.01	0.00	0.00	1.02	22.03	4.63
Southern Region Total	16017.99	136.01	2162.34	3184.21	4821.81	26322.36	18.32
EASTERN REGION							
Andaman Nicobar	25.01	0.00	0.00	0.00	3.28	28.29	11.59
Bihar	4539.52	0.00	0.00	0.00	23.56	4563.08	0.52
Jharkhand	2507.39	0.00	0.00	6.89	1.57	2515.85	0.06
Orissa	5057.48	0.00	0.00	428.08	101.43	5586.99	1.82
Sikkim	0.00	0.00	0.00	582.92	1.03	583.95	0.18
West Bengal	7023.65	0.00	0.00	230.35	169.60	7423.60	2.28
Eastern Region Total	19153.05	0.00	0.00	1248.24	300.47	20701.76	1.45
NORTH-EASTERN REGION							
Arunachal Pradesh	0.00	0.00	0.00	345.77	0.28	346.05	0.08

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

State/UT	Thermal	Gas	Nuclear	(Large Hydro)	Renewable Energy	Grand Total	RE as % of Total
Assam	313.82	269.59	0.00	43.22	25.76	652.39	3.95
Manipur	0.00	0.00	0.00	31.34	0.65	31.99	2.04
Meghalaya	0.00	0.00	0.00	46.96	3.31	50.27	6.59
Mizoram	0.00	0.00	0.00	13.83	8.26	22.09	37.39
Nagaland	0.00	0.00	0.00	6.13	15.20	21.33	71.26
Tripura	0.00	604.23	0.00	0.00	0.64	604.87	0.11
North Eastern Region Total	313.82	873.82	0.00	487.25	54.11	1729.00	3.13
All India Total	92703.99	1758.67	3869.85	9880.40	13393.41	121606.32	11.01

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21
NORTHERN REGION														
Chandigarh	0.00	0.00	0.20	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.22
Delhi	0.00	0.00	17.08	20.04	0.00	0.00	0.00	0.00	0.00	0.00	20.86	24.27	37.93	44.31
Haryana	0.00	0.00	26.07	49.26	28.62	12.26	2.13	0.00	0.64	24.95	10.59	4.24	68.05	90.71
Himachal Pradesh	0.00	0.00	4.40	4.10	0.00	0.00	0.00	0.00	345.33	177.50	0.00	0.00	349.73	181.60
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.02	15.59	0.00	0.00	23.02	15.59
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	248.47	265.21	2739.45	1375.56	34.07	28.01	0.00	0.00	0.99	0.45	0.00	0.00	3022.98	1669.23
Uttar Pradesh	0.00	0.00	291.58	215.16	0.16	1.64	363.15	341.88	11.06	10.70	4.78	6.25	670.73	575.62
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	248.47	265.21	3389.91	1813.97	100.13	91.11	385.99	362.38	460.55	290.72	36.23	34.76	4621.28	2858.15
WESTERN REGION														
Chhattisgarh	0.00	0.00	52.21	35.41	59.32	106.25	2.36	0.00	10.55	11.54	0.00	0.00	124.45	153.20
Gujarat	712.15	1066.48	821.67	575.19	0.00	0.00	0.00	3.49	16.23	18.63	0.00	0.00	1550.06	1663.79
Madhya Pradesh	138.72	273.69	309.32	211.59	0.00	0.00	3.39	3.04	33.17	21.71	2.90	2.16	487.50	512.18
Maharashtra	346.61	415.51	391.45	229.25	2.54	20.63	645.04	645.37	44.78	35.98	0.02	0.00	1430.44	1346.74
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.36	7.73	0.00	1.08	0.00	0.00	0.00	0.00	0.00	0.00	1.36	8.80
Goa	0.00	0.00	1.51	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	1.94	0.11
Western Region	1197.48	1755.67	1577.53	1059.28	61.86	127.96	650.80	651.90	104.73	87.86	3.34	2.16	3595.74	3684.82
SOUTHERN REGION														

RE generation(MUs) data (source wise) for the month of November 2022 and November 2021														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21
Andhra Pradesh	207.39	273.20	573.19	410.68	2.85	5.60	6.48	3.99	49.97	34.58	20.72	15.06	860.60	743.11
Telangana	18.18	22.60	555.29	429.20	1.50	7.19	16.25	5.02	12.00	9.14	11.76	12.90	614.98	486.06
Karnataka	524.55	506.41	1042.55	785.91	6.22	9.42	399.57	441.36	203.46	258.83	0.00	0.00	2176.36	2001.92
Kerala	56.04	5.22	62.80	35.46	0.00	0.00	5.49	4.13	57.05	94.28	0.00	0.00	181.38	139.08
Tamil Nadu	237.39	449.19	663.18	400.70	10.42	2.03	42.52	45.45	33.96	38.23	0.00	0.00	987.47	935.60
Lakshadweep	0.00	0.00	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09
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	1043.55	1256.62	2898.03	2063.05	20.99	24.24	470.32	499.95	356.44	435.05	32.48	27.96	4821.81	4306.88
EASTERN REGION														
Andaman Nicobar	0.00	0.00	1.83	1.88	0.00	0.00	0.00	0.00	1.45	1.46	0.00	0.00	3.28	3.34
Bihar	0.00	0.00	12.99	12.92	0.00	0.00	10.53	10.59	0.04	0.11	0.00	0.00	23.56	23.62
Jharkhand	0.00	0.00	1.57	1.48	0.00	0.00	0.00	0.00	0.00	2.56	0.00	0.00	1.57	4.04
Orissa	0.00	0.00	61.95	45.45	7.21	8.15	0.00	0.00	32.26	32.23	0.00	0.00	101.43	85.83
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	11.22	7.51	0.00	0.00	0.00	0.00	20.51	12.28	137.86	145.77	169.60	165.56
Eastern Region	0.00	0.00	89.57	69.24	7.21	8.15	10.53	10.59	55.29	49.67	137.86	145.77	300.47	283.42
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.22	0.13	0.00	0.00	0.00	0.00	0.06	0.04	0.00	0.00	0.28	0.17

RE generation(MUs) data (source wise) for the month of November 2022 and November 2021														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others(Waste to Heat etc.)		Total RE	
	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21	Nov'22	Nov'21
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	0.65	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.51
Meghalaya	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	3.31	3.15	0.00	0.00	3.31	3.62
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	6.37	0.00	0.00	15.20	6.37
Tripura	0.00	0.00	0.64	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.57
North Eastern Region	0.00	0.00	21.85	9.21	0.00	0.00	0.00	0.00	32.26	15.79	0.00	0.00	54.11	25.00
All India Total	2489.50	3277.50	7976.88	5014.75	190.21	251.46	1517.64	1524.82	1009.28	879.09	209.91	210.65	13393.41	11158.26

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

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

RE generation(MUs) data (Source wise) for the year 2022-23(up to Nov 22) & year 2021-22(up to Nov 21)														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-
NORTHERN REGION														
Chandigarh	0.00	0.00	8.03	9.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.03	9.54
Delhi	0.00	0.00	167.41	145.68	0.00	0.00	0.00	0.00	0.00	0.00	180.20	158.91	347.60	304.59
Haryana	0.00	0.00	429.01	335.40	238.23	110.00	127.89	14.75	171.41	188.78	43.24	8.35	1009.78	657.28
Himachal Pradesh	0.00	0.00	42.36	29.70	0.00	0.00	0.00	0.00	2423.13	1706.15	0.00	0.00	2465.49	1735.85
J & K	0.00	0.00	0.00	1.71	0.00	0.00	0.00	0.00	311.04	326.39	0.00	0.00	311.04	328.10
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	1678.92	1031.42	283.18	368.35	44.78	37.20	500.93	853.51	0.00	0.22	2507.81	2290.70
Rajasthan	4714.23	5140.47	22279.88	9684.87	259.04	250.33	0.00	0.00	1.28	0.90	0.00	0.00	27254.43	15076.58
Uttar Pradesh	0.00	0.00	2412.14	1880.74	41.78	53.74	967.86	928.84	144.69	104.67	37.51	6.25	3603.96	2974.23
Uttarakhand	0.00	0.00	221.20	197.04	0.00	0.00	165.68	162.08	235.60	214.24	0.00	0.00	622.48	573.36
Northern Region	4714.23	5140.47	27238.94	13316.10	822.22	782.41	1306.20	1142.87	3788.08	3394.63	260.95	173.73	38130.62	23950.22
WESTERN REGION														
Chhattisgarh	0.00	0.00	351.06	269.78	679.36	834.39	2.97	0.00	132.30	159.56	0.00	0.00	1165.69	1263.73
Gujarat	13351.54	12752.91	6374.98	4097.38	0.00	0.00	2.88	7.32	127.43	106.42	2.24	0.00	19859.07	16964.03
Madhya Pradesh	3392.45	3278.03	2590.30	2554.90	6.94	2.62	25.56	5.91	213.97	147.21	24.26	20.28	6253.48	6008.94
Maharashtra	6005.81	5938.02	2588.40	2080.17	151.80	210.08	1808.03	1314.73	542.77	538.58	0.35	0.05	11097.16	10081.63
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	21.92	52.23	3.22	7.89	0.00	0.00	0.00	0.00	0.00	0.00	25.14	60.12
Goa	0.00	0.00	8.82	0.85	0.00	0.00	0.00	0.00	0.00	0.00	3.39	0.00	12.21	0.85
Western Region	22749.80	20213.28	11935.48	9055.31	841.32	1054.98	1839.44	1327.96	1016.46	951.76	30.24	20.33	38412.75	34379.31
SOUTHERN REGION														

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-
Andhra Pradesh	5959.60	5778.51	5211.32	5012.79	42.33	72.73	61.87	26.03	235.10	222.67	184.27	63.70	11694.49	11176.43
Telangana	203.48	199.59	4277.24	4140.83	21.33	76.12	23.42	7.62	77.78	64.03	105.05	160.84	4708.29	4649.02
Karnataka	7401.17	7633.96	8834.50	8329.83	81.05	126.98	1222.35	1407.27	1895.53	1978.35	0.00	0.00	19434.59	19476.39
Kerala	150.77	105.32	460.90	303.82	0.00	0.00	40.17	32.37	685.64	685.93	0.00	0.00	1337.47	1127.44
Tamil Nadu	14357.17	13723.43	5909.98	4591.90	85.03	69.16	452.77	329.41	197.00	209.33	0.00	0.00	21001.94	18923.23
Lakshadweep	0.00	0.00	0.07	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.25
Puducherry	0.00	0.00	8.16	8.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.16	8.16
Southern Region	28072.18	27440.82	24702.16	22387.58	229.74	344.99	1800.57	1802.70	3091.04	3160.30	289.32	224.54	58185.01	55360.92
EASTERN REGION														
Andaman Nicobar	0.00	0.00	16.01	13.47	0.00	0.00	0.00	0.00	10.71	9.71	0.00	0.00	26.72	23.19
Bihar	0.00	0.00	114.63	106.85	0.00	2.14	10.53	10.59	9.91	4.27	0.00	0.00	135.07	123.85
Jharkhand	0.00	0.00	13.82	11.70	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	13.82	14.52
Orissa	0.00	0.00	448.93	380.29	32.84	65.52	0.00	0.00	342.67	311.13	0.00	0.00	824.43	756.93
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.24	8.24	0.00	0.00	8.24	8.24
West Bengal	0.00	0.00	81.88	64.11	0.00	0.00	0.00	0.00	148.38	131.59	1106.41	1033.01	1336.66	1228.71
Eastern Region	0.00	0.00	675.27	576.41	32.84	67.66	10.53	10.59	519.90	467.76	1106.41	1033.01	2344.95	2155.44
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	21.54	1.14	0.00	0.00	0.00	0.00	2.28	0.23	0.03	0.00	23.84	1.37

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

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Total RE	
	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-	Apr 22- Nov'22-	Apr 21- Nov '21-
Assam	0.00	0.00	131.41	45.65	0.00	0.00	0.00	0.00	45.71	28.79	0.00	0.00	177.12	74.44
Manipur	0.00	0.00	5.63	4.41	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	5.64	4.41
Meghalaya	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	56.87	29.16	0.00	0.00	56.87	29.63
Mizoram	0.00	0.00	2.15	1.34	0.00	0.00	0.00	0.00	27.08	14.23	0.00	0.00	29.23	15.57
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.87	49.63	0.00	0.00	86.87	49.63
Tripura	0.00	0.00	4.40	3.90	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	4.40	5.34
North Eastern Region	0.00	0.00	165.13	56.91	0.00	0.00	0.00	0.00	218.81	123.49	0.03	0.00	383.97	180.40
All India Total	55536.21	54550.25	64716.98	45392.31	1926.11	2250.05	4956.75	4284.13	8634.30	8097.94	1686.94	1451.61	137457.29	116026.28



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