



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



Monthly Renewable Energy Generation Report
मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

JULY 2022/जुलाई 2022

नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग
Renewable Energy Project Monitoring Division

वितरण सूची/Distribution List

1. सचिव, विद्युत मंत्रालय, श्रम शक्ति भवन, रफी मार्ग, नई दिल्ली- 110001
Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-01
2. सचिव, नवीन और नवीकरणीय ऊर्जा मंत्रालय, ब्लॉक -14, सीजीओ कॉम्प्लेक्स, लोधी रोड, नई दिल्ली -110003
Secretary, Ministry of New and Renewable Energy, , CGO Complex, Lodhi Road, New Delhi-03
3. अध्यक्ष, के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Chairperson, CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
4. सदस्य (योजना), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (Planning), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
5. सदस्य (ई & सी), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (E&C), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
6. सदस्य (जी.ओ.डी.), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (GO&D), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
7. सलाहकार (उर्जा), नीति आयोग, संसद मार्ग, नई दिल्ली, दिल्ली 110001
Adviser (Energy), Niti Aayog, Sansad Marg, New Delhi, Delhi 110001
8. मुख्य अभियंता (जी.एम.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (GM), CEA, Sewa Bhawan, New Delhi-110066
9. मुख्य अभियंता (आई.टी.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (IT), CEA, Sewa Bhawan, New Delhi-110066
10. मुख्य अभियंता (ओ.पी.एम.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (OPM), CEA, Sewa Bhawan, New Delhi-110066
11. मुख्य अभियंता (समन्वय), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (Coord.), CEA, Sewa Bhawan, New Delhi-110066
12. निदेशालय (अर्थशास्त्र और सांख्यिकी), विकास भवन- II, तीसरी मंजिल, B 'विंग, मेटकाफ हाउस, न. दि -110054
Directorate of Economics & Statistics, Vikas Bhawan-II, Illrd Floor, 'B' Wing, Metcalfe House, ND-54.

Table of Contents	
Highlights of RE generation during July 2022.....	01
Summary of report for the month of July 2022.....	04
All India Summary of Renewable Generation.....	13
Renewable Energy Curtailment During July 2022	21

Table List:

Table 1 All India Summary of Renewable Energy Generation	13
Table 2: Renewable Energy Generation by ISGS Stations	14
Table 3 Renewable Energy Generation by CPSU Owned stations	18
Table 4 RE Curtailment Data as available from SLDCs	21
Table 5 Deviation Data for ISGS	22
Table 6 Fossil and Non-Fossil Generation	24
Table 7 Renewable Energy as % of Total Electricity Generated	26
Table 8 Monthly Source wise RE generation July 2022	28
Table 9 Cumulative Source wise RE generation year 2022-23(up to July 2022)	31

List of Figures:

Figure 1 RE capacity added during the Month	02
Figure 2 Addition in RE Installed Capacity-Source wise	02
Figure 3 Installed Capacity in India as on 31.07.2022	03
Figure 4 Renewable Energy Generation	04
Figure 5 Cumulative Renewable Energy Generation (Including Large Hydro)	04
Figure 6 Additional RE Generation during July 22	05
Figure 7 Month Wise Growth of RE Generation	05
Figure 8 Month Wise RE Generation	06
Figure 9 Source wise breakup of Monthly RE Generation	06
Figure 10 Monthly Energy Generation in India and RE Share	07
Figure 11 Month Wise Wind Power Generation	07
Figure 12 Month Wise Solar Power Generation	08
Figure 13 Month Wise Biomass Power Generation	08
Figure 14 Month Wise bagasse Power Generation	09
Figure 15 Month Wise Small Hydro Power Generation	09
Figure 16 Month Other RE (Waste Heat etc.) Power Generation	10
Figure 17: Source wise breakup of Cumulative RE Generation	10
Figure 18 Cumulative Total Energy Generation in India and Share	11
Figure 19 .Yearly RE generation	11
Figure 20. Daily Solar and wind Power Generation	12
Trend in the month of July -22	

Note- the RE Generation indicating Excluding Large hydro.

Highlights of RE GENERATION (Excluding Large Hydro) during July 2022

1. RE capacity addition during July 2022 was 373.36 MW (Solar -268.06 MW and Wind – 105.3MW).
2. RE generation during July 2022 has been increased by 00.91 % as compared to July 2021.
3. Solar Power generation during July 2022 as compared to July 2021 has increased (about 34.74% on All India basis) in all states except Madhya Pradesh, Andhra Pradesh and Karnataka.
4. Power generation through waste to energy during July 2022 as compared to July 2021 has increased (about 31.71 % on All India basis) in all states except Telangana.

Summary of Installed capacity (IC) of the Month of JULY 22

Decreased by 80.62 % as compared to July 21.

Decreased by 55.42 % as compared to June 22.

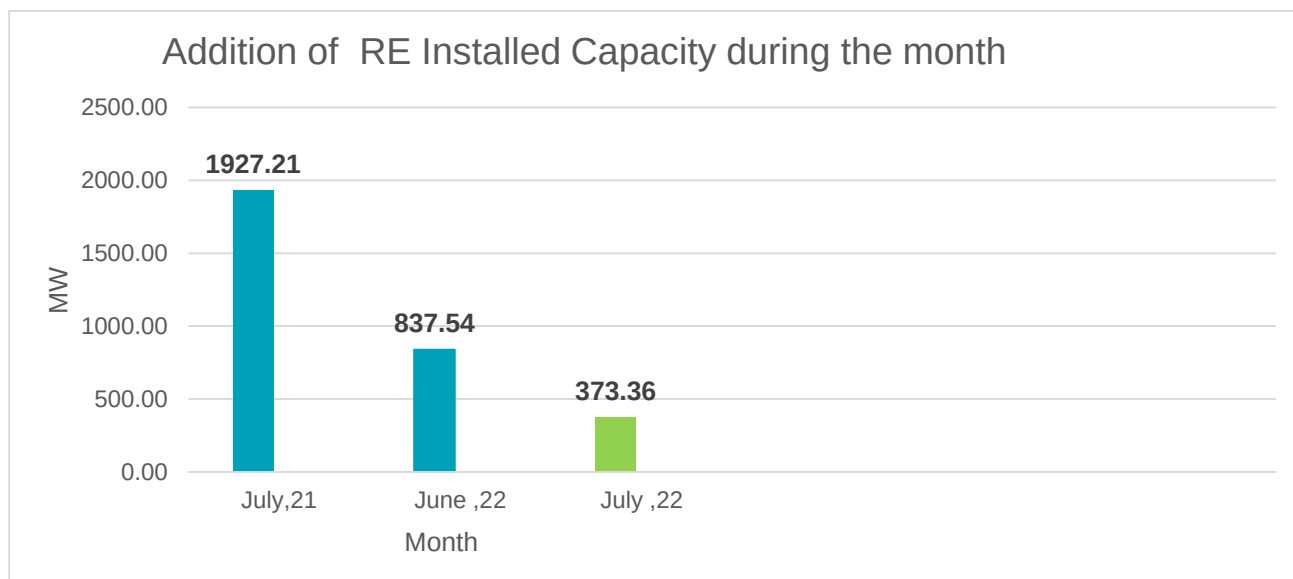


Figure 1: RE capacity added during the Month

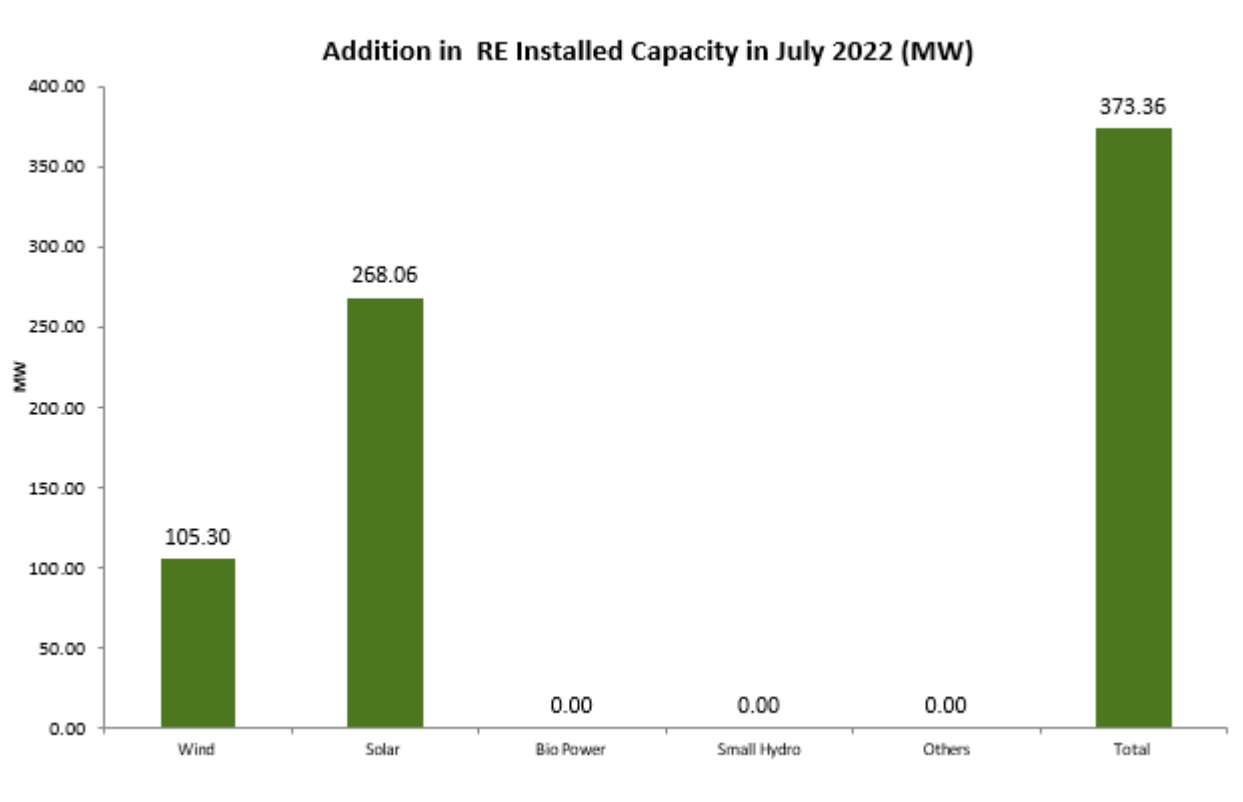


Figure 2: Source wise addition in RE Installed Capacity in July 22

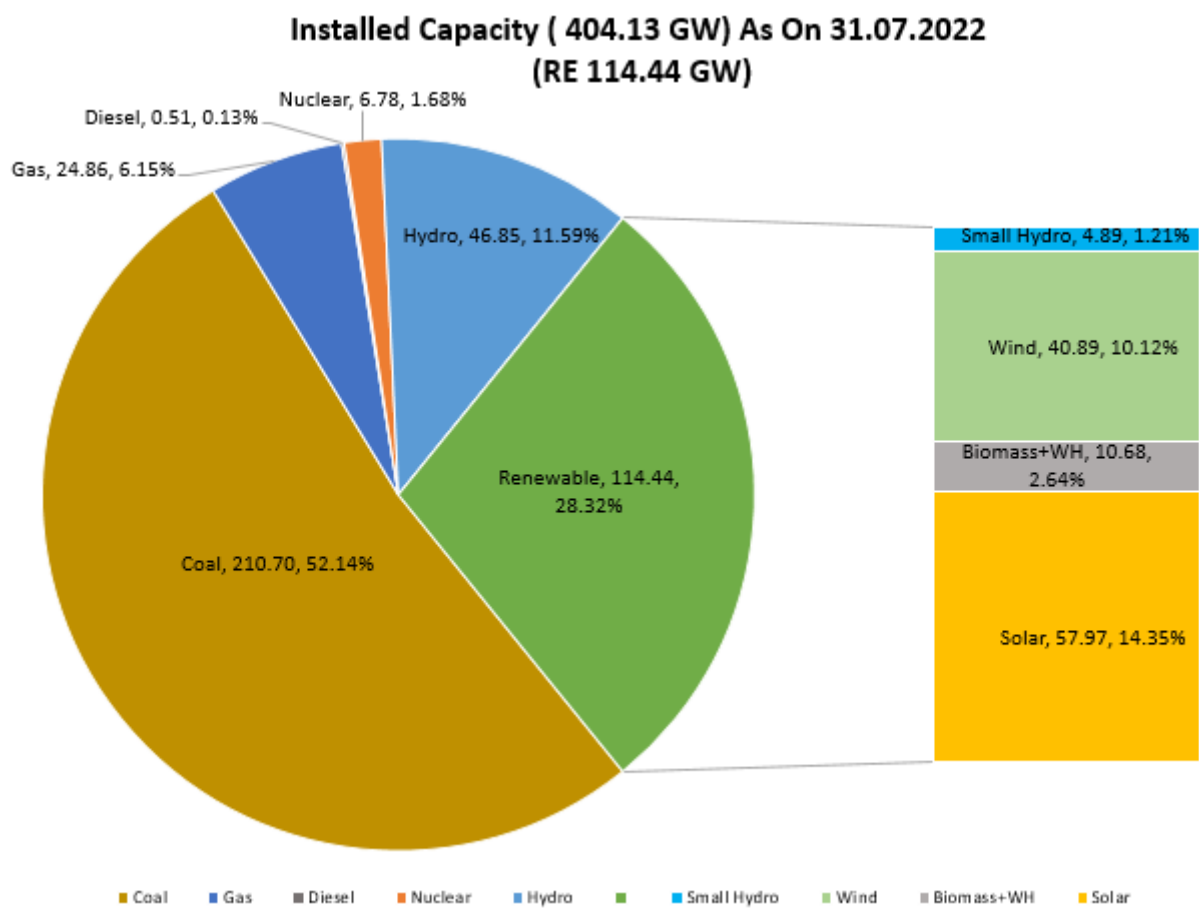


Figure 3: Installed Capacity in India as on 31.07.2022

Summary of Generation, Report for the Month of July 2022

Increased by .91% as compared to July 21.

Decreased by 1.83 % as compared to June 22.

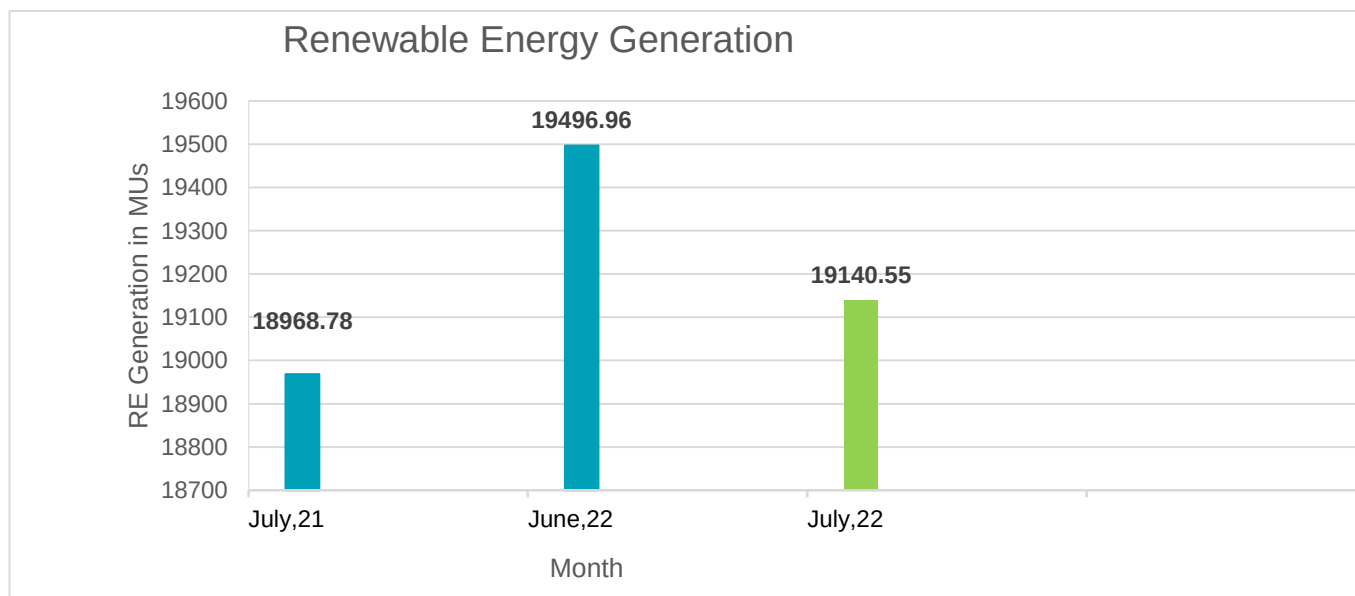


Figure 4: Renewable Energy Generation

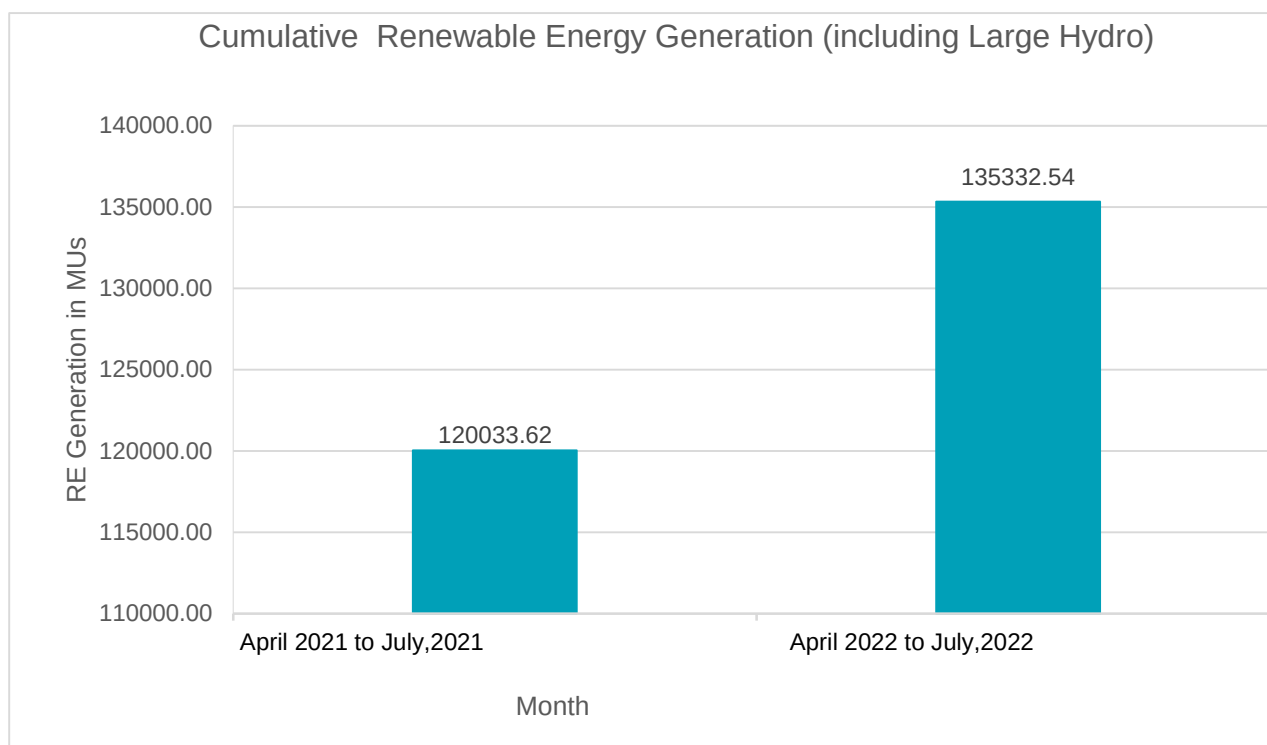


Figure 5: Cumulative Renewable Energy Generation (Including Large Hydro)

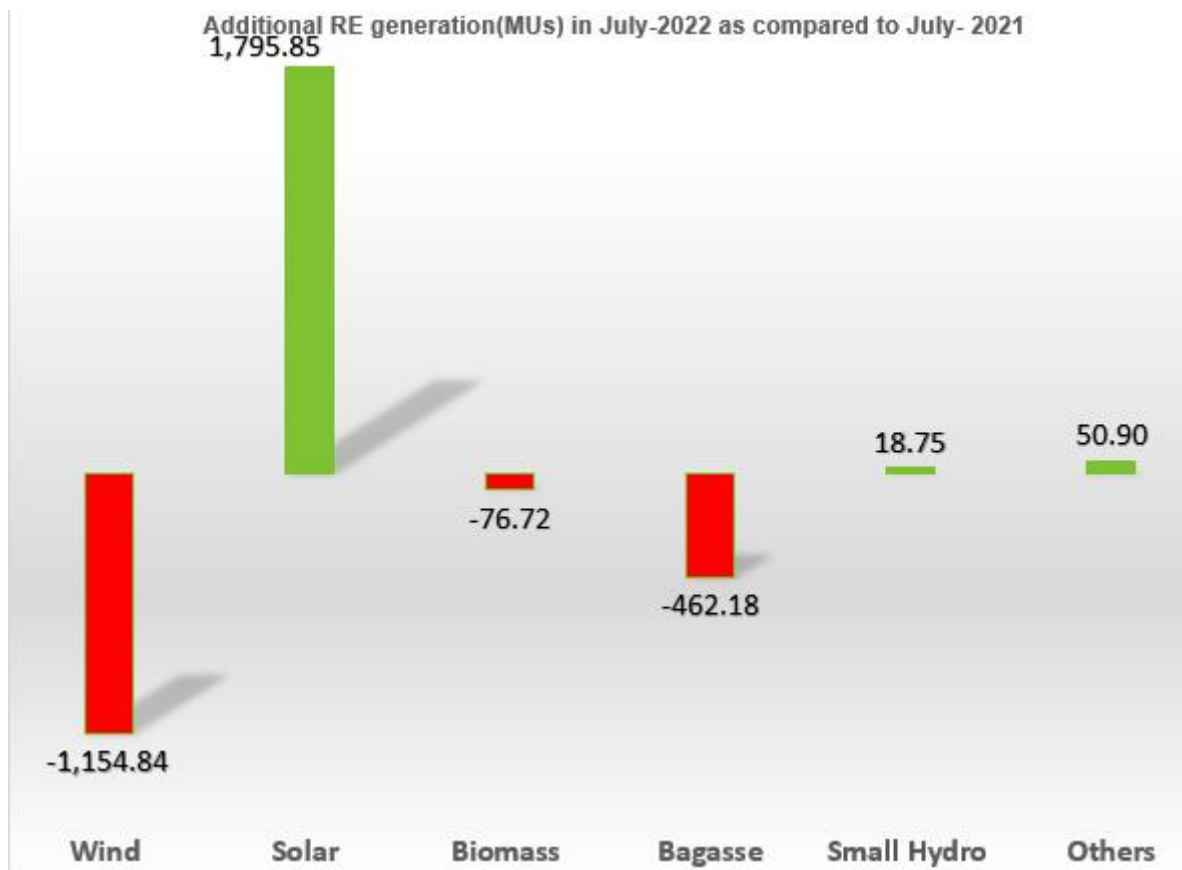


Figure 6: Additional RE Generation in July 22 as compared to July 21

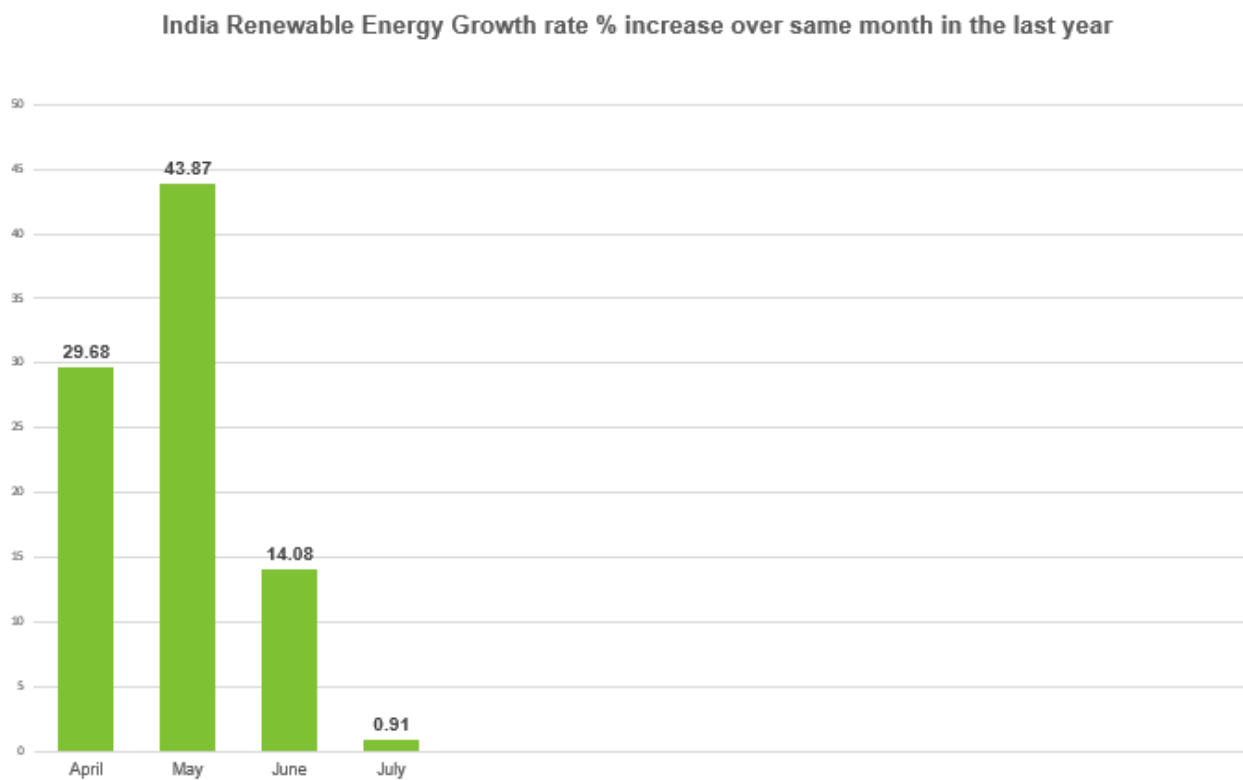


Figure 7: Month Wise Growth of RE Generation w.r.t to previous year.

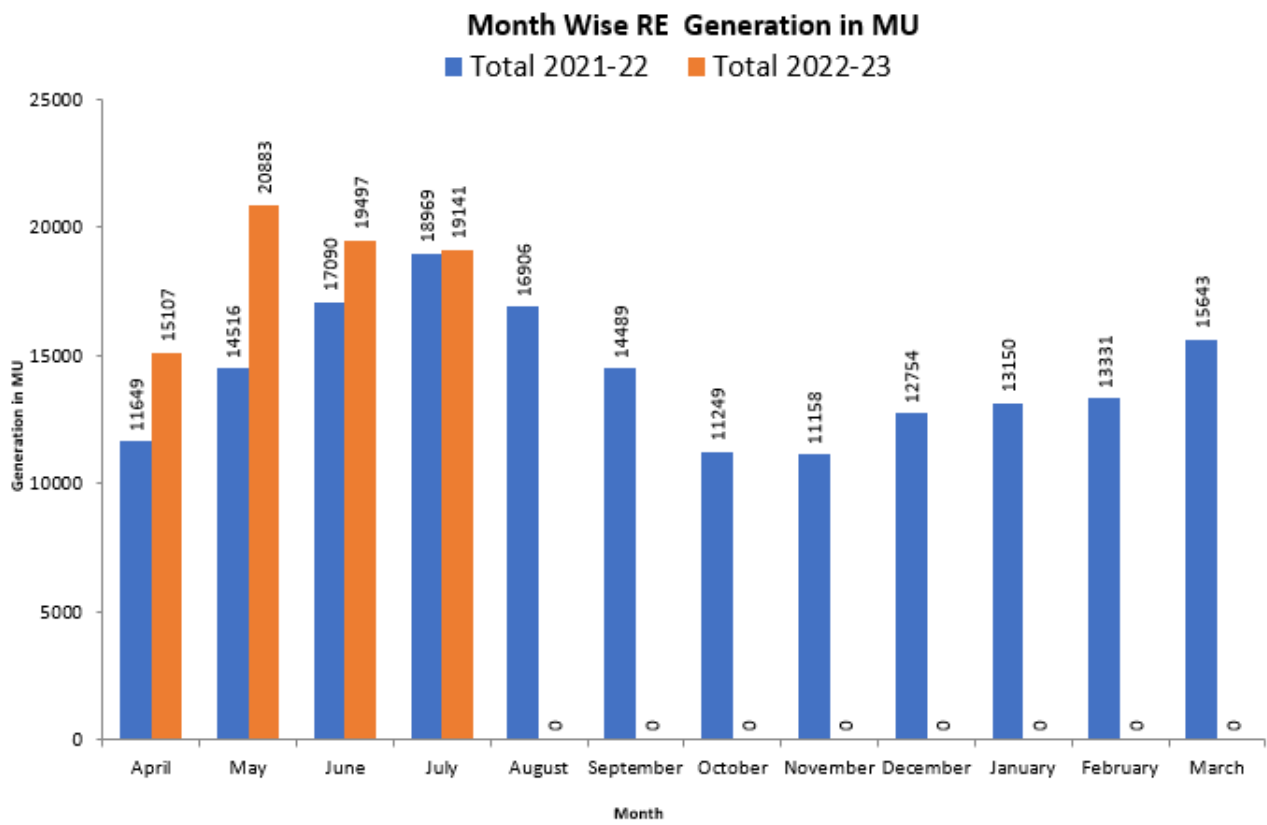


Figure 8: comparison of Month Wise RE Generation in year 2021-22 & in year 2022-23

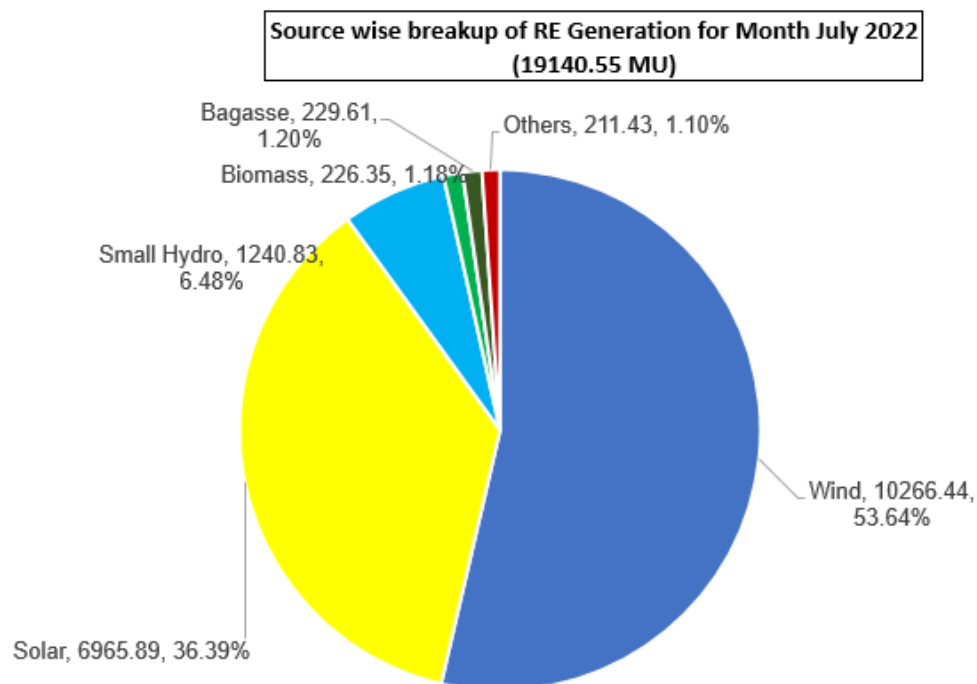


Figure 9: Source wise breakup of RE Generation in the month of July -2022

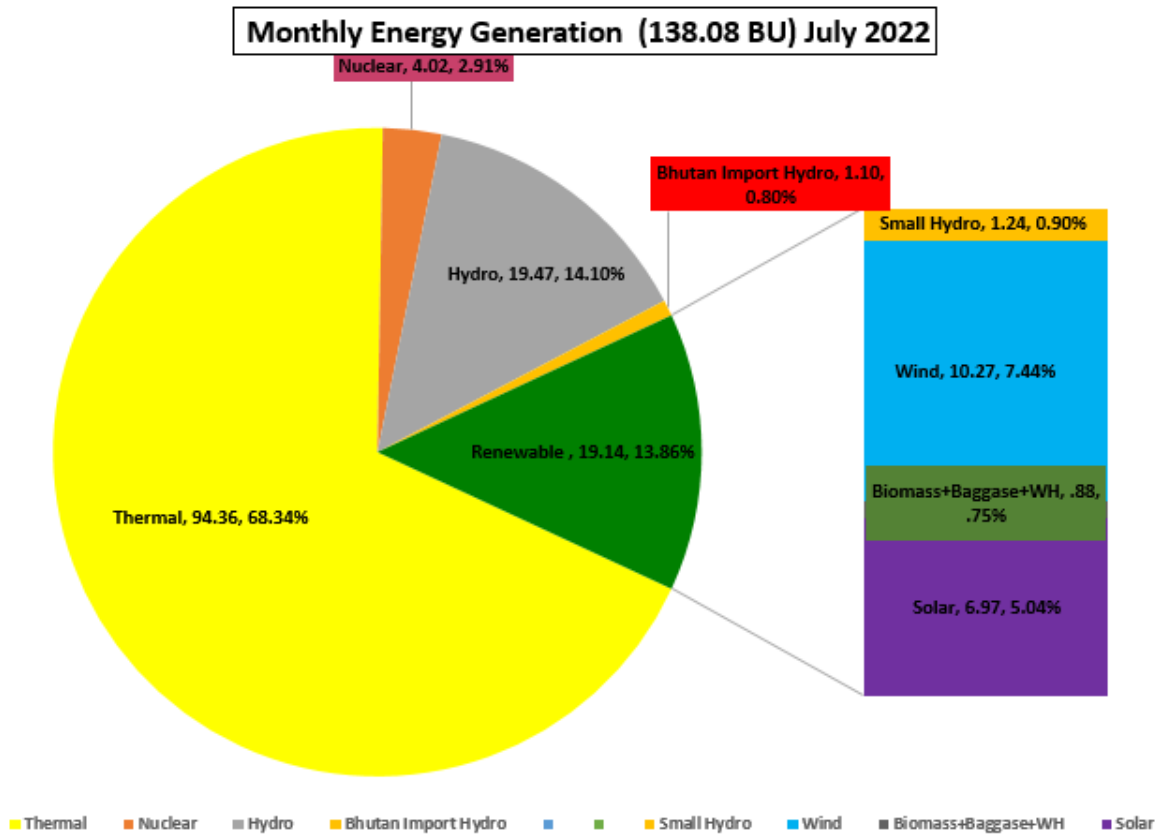


Figure 10: Total Energy Generation in India and Share of RE in the month of July -2022

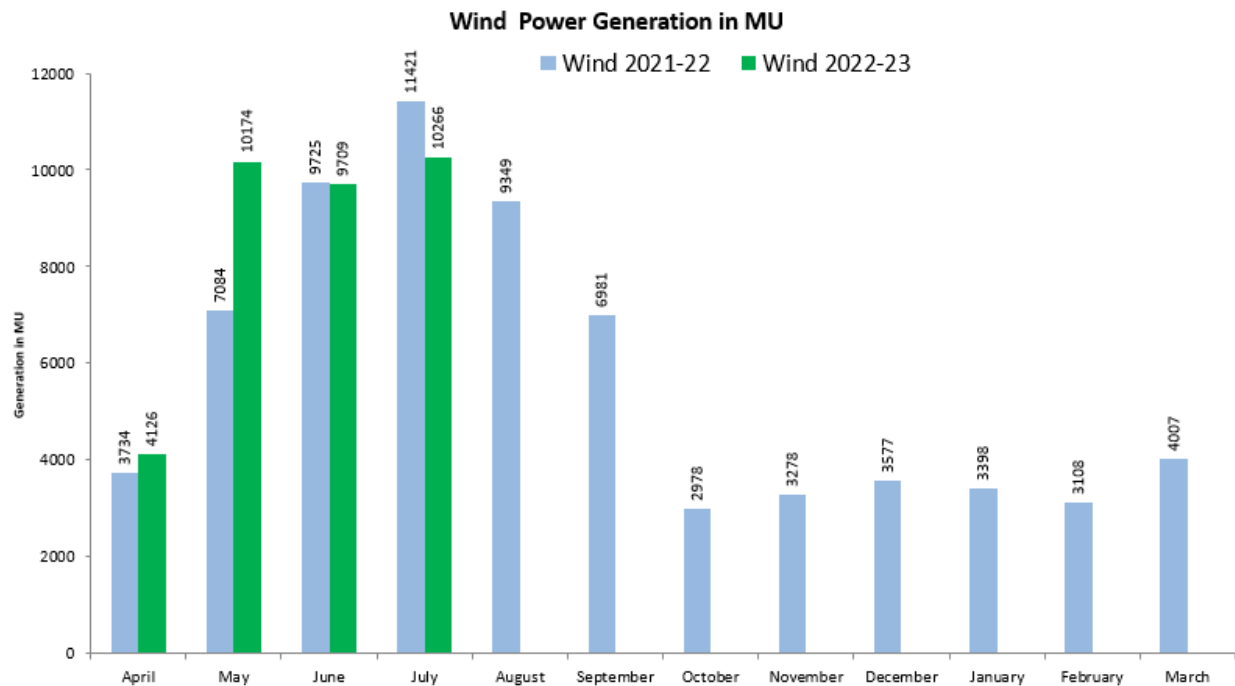


Figure 11: Month Wise Wind Power Generation for the year 2021-22 and year 2022-23.

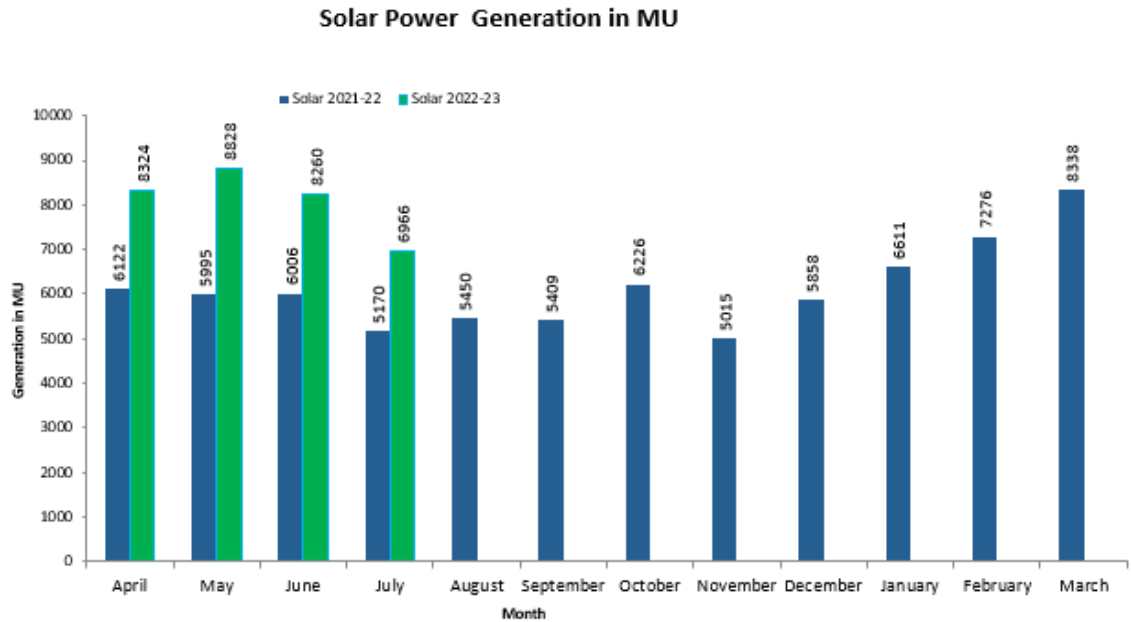


Figure 12: Month Wise Solar Power Generation for the year 2021-22 and year 2022-23.

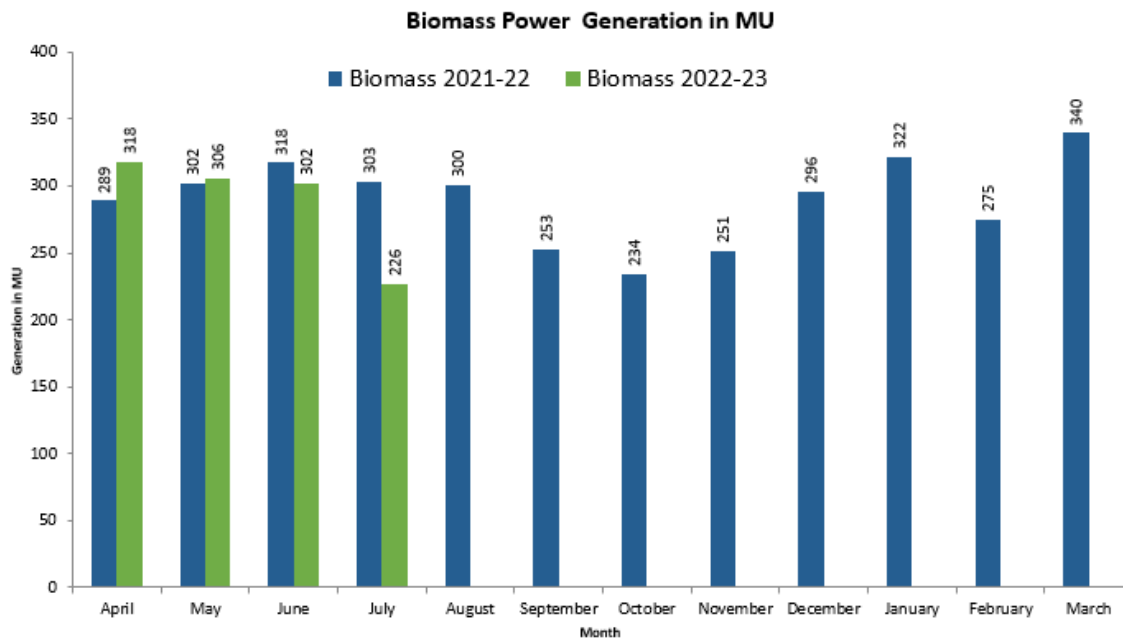


Figure 13: Month Wise Biomass Power Generation for the year 2021-22 and year 2022-23.

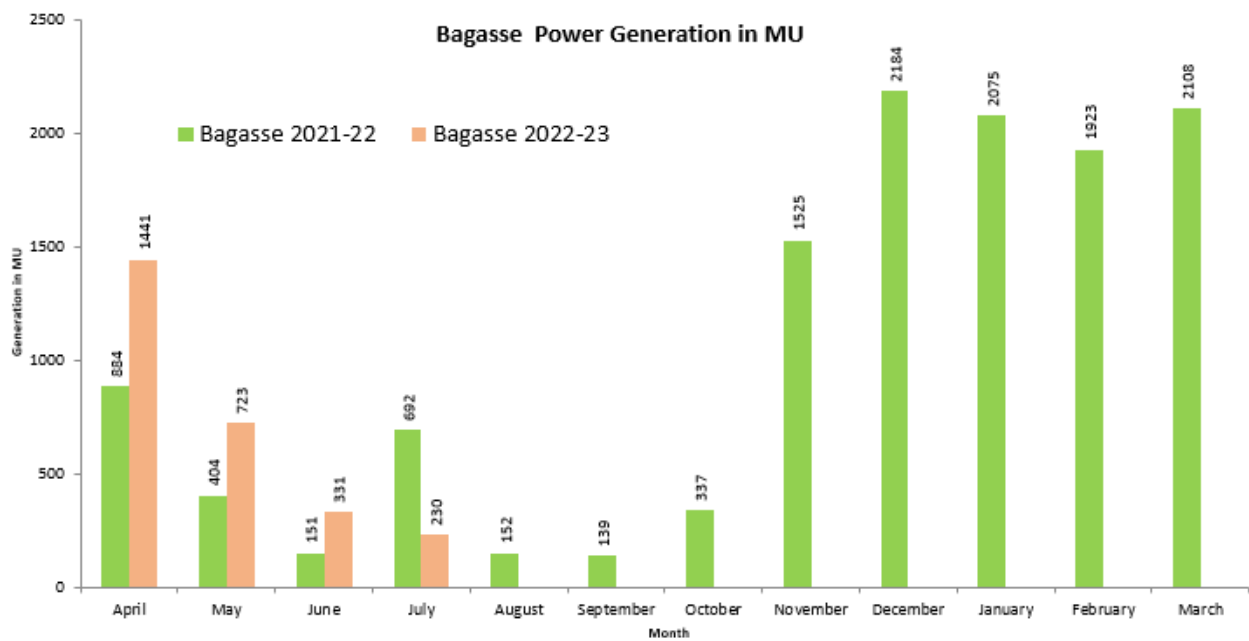


Figure 14: Month Wise Bagasse Power Generation for the year 2021-22 and year 2022-23.

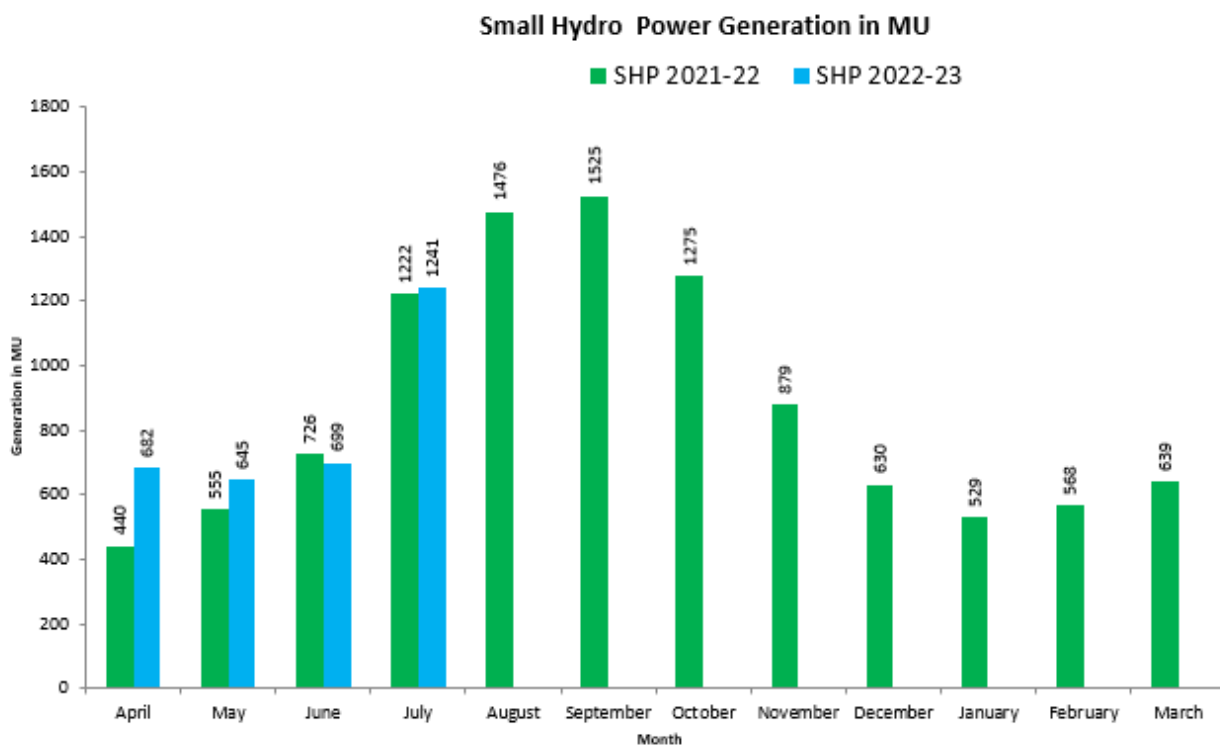


Figure 15: Month Wise Small Hydro Power Generation for the year 2021-22 and year 2022-23.

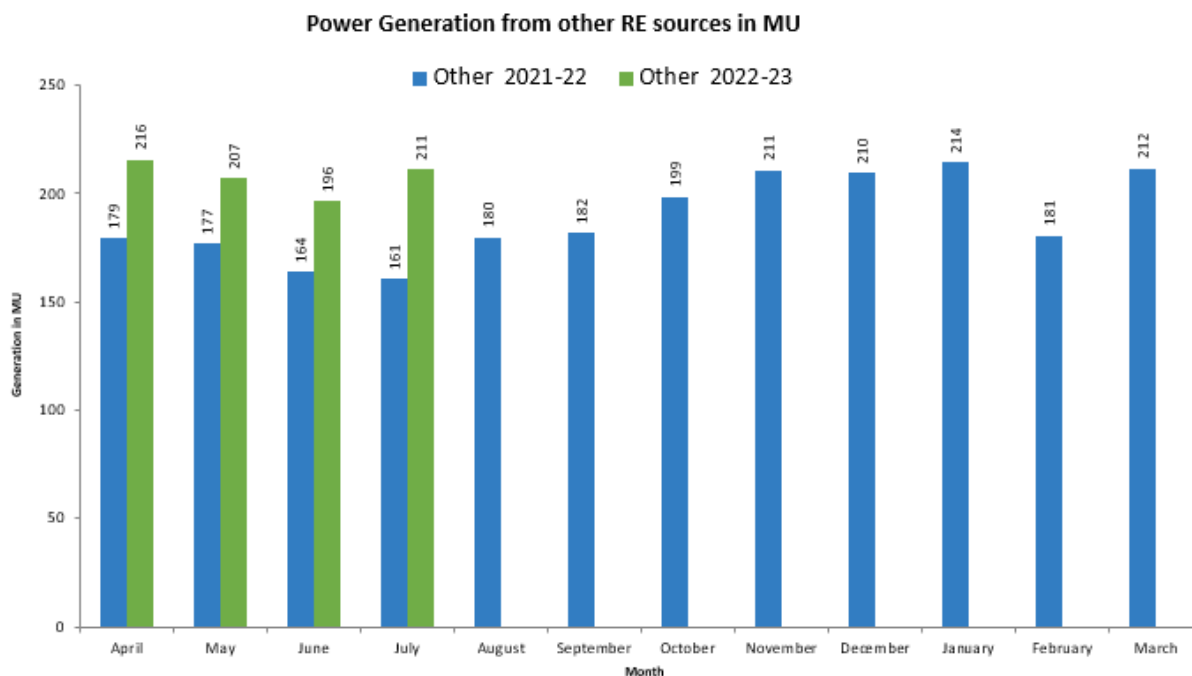


Figure 16: Month Wise Other RE (Waste Heat etc.) Power for the year 2021-22 and year 2022-23.

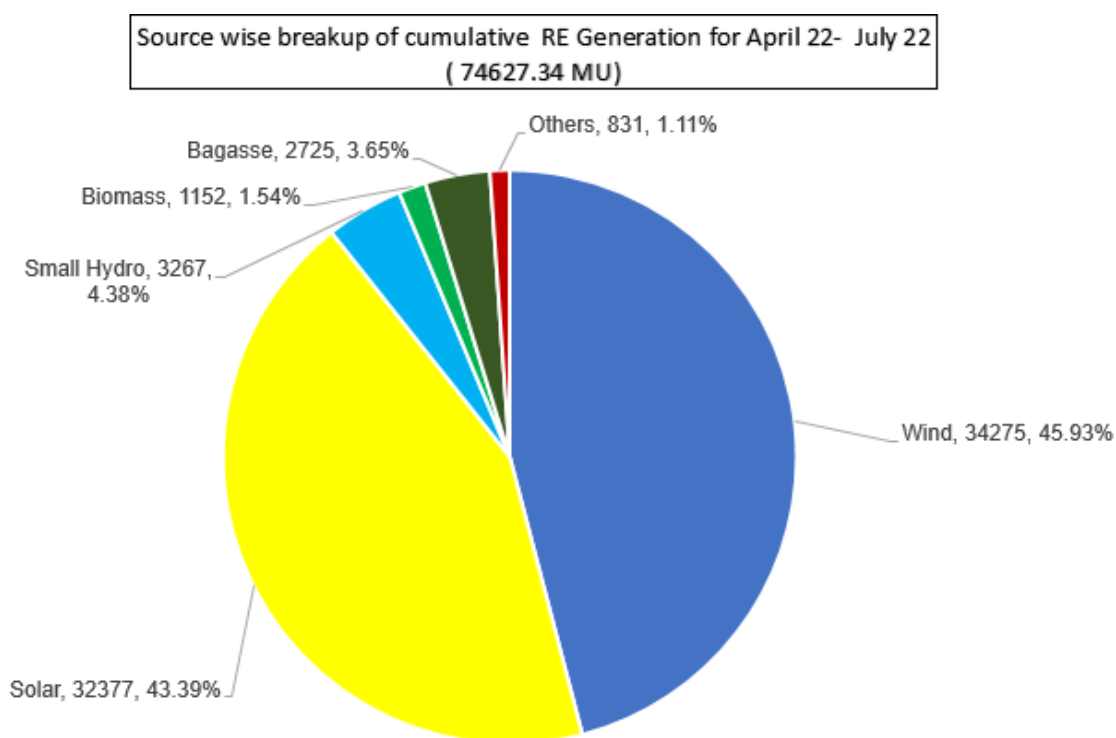


Figure 17: Source wise breakup of Cumulative RE Generation for the year 2022-23.

Cumulative Energy Generation (570.24 BU) April - July 2022

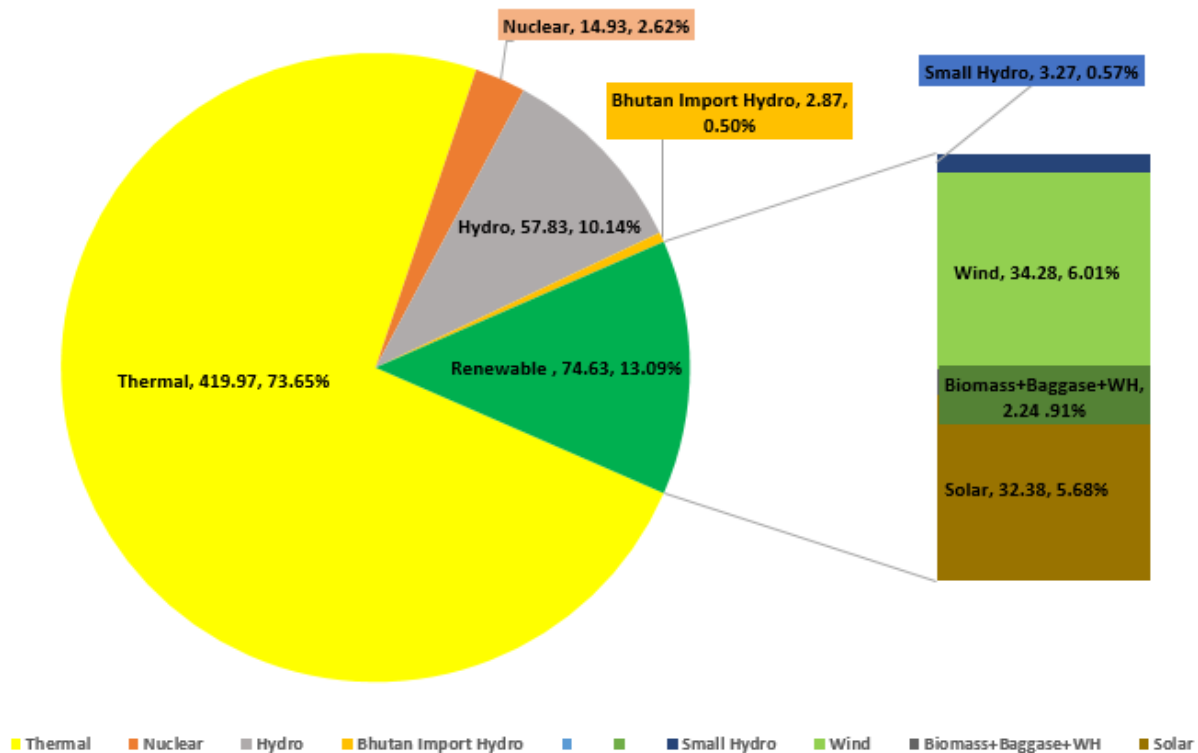
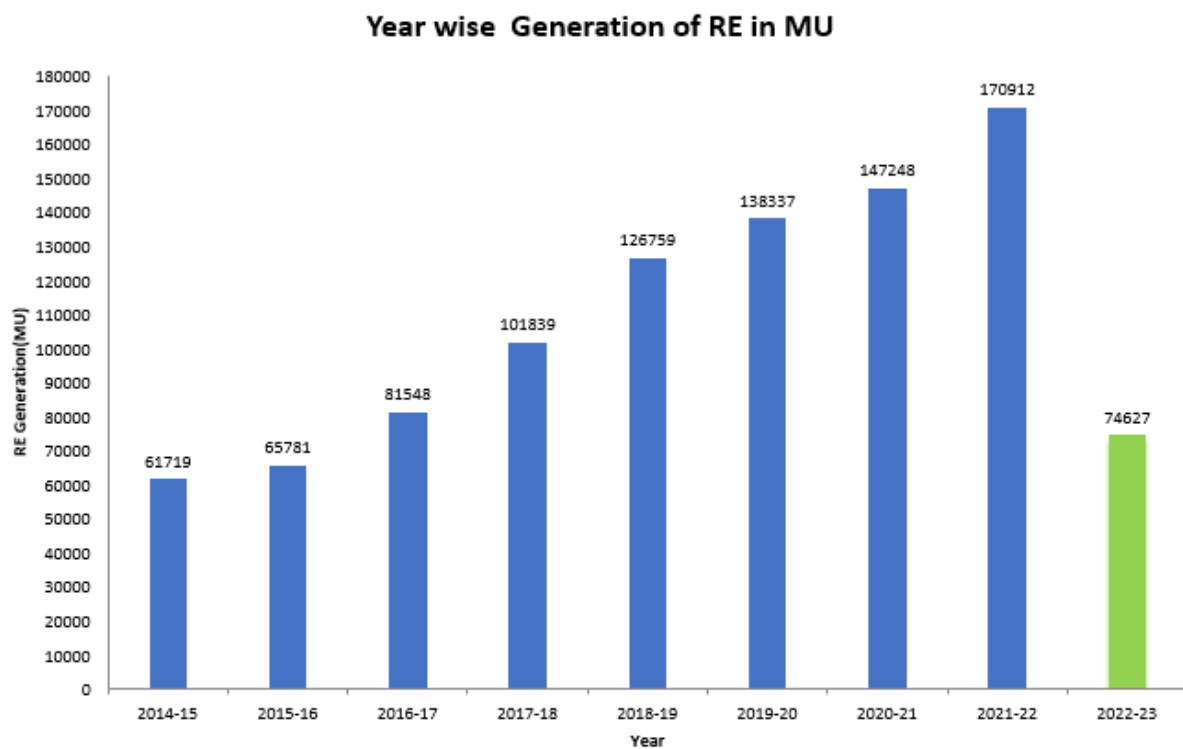


Figure 18 Cumulative Total Energy Generation in India and Share of RE for the year 2022-23.



2022-23 Generation up to July 2022.

Figure 19 Year Wise RE Generation

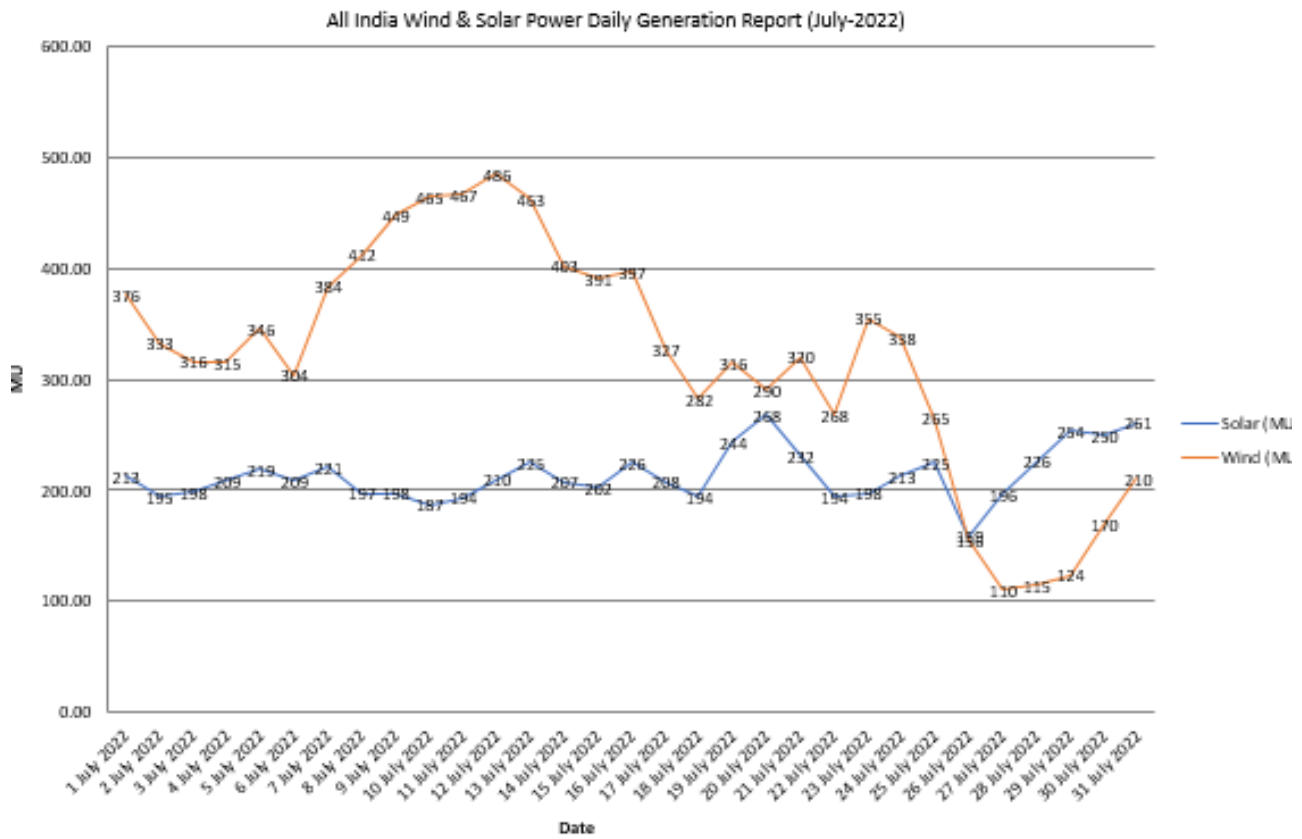


Figure 20: Daily solar and wind power generation trend in the month of July -2022

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.07.2022)	RE Generation (MU) July '2022	RE Generation (MU) July '2021	% of same period Last Year	RE Generation (MU) April'2022-July '2022	RE Generation (MU) April'2021-July '2021	% of same period Last Year
पवन/Wind	40893.33	10266.44	11421.28	89.89	34275.46	31964.63	107.23
सौर/Solar	57973.8	6965.89	5170.03	134.74	32377.29	23293.10	139.00
बायोमास/Biomass	10205.61	226.35	303.07	74.69	1152.19	1211.27	95.12
बगास/Bagasse		229.61	691.79	33.19	2725.06	2131.60	127.84
लघु जल विद्युत्/Small Hydro	4887.90	1240.83	1222.07	101.53	3266.81	2942.33	111.03
अन्य/Others	476.75	211.43	160.53	131.71	830.53	680.67	122.02
कुल/Total	114437.39	19140.55	18968.78	100.91	74627.34	62223.61	119.93

Table 2: Renewable Energy Generation by ISGS Stations

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Unchahar Solar*	Uttar Pradesh	Central	NTPC	Solar	1.26
Dadri Solar*	Uttar Pradesh	Central	NTPC	Solar	0.51
Singrauli Solar*	Uttar Pradesh	Central	NTPC	Solar	1.88
Auraiya	Uttar Pradesh	Central	NTPC	Solar	2.98
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	54.10
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	53.20
Clean Solar Power	Rajasthan	Private	IPP	Solar	43.12
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	109.44
Adani SE4PL(Kilaj Solar)	Rajasthan	Private	IPP	Solar	9.58
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	52.37
Mahoba Solar (Up) Private Ltd(Adani RERJL)	Rajasthan	Private	IPP	Solar	35.37
ABC Renewable Energy	Rajasthan	Private	IPP	Solar	56.29
Acme Heerghar Powertech Pvt Ltd	Rajasthan	Private	IPP	Solar	42.66
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	45.02
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	31.50
Azure Power Maple	Rajasthan	Private	IPP	Solar	29.37
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	9.40
Azure Power Forty One Private Limited	Rajasthan	Private	IPP	Solar	44.97
Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	44.23
Mega Surya Urja	Rajasthan	Private	IPP	Solar	42.47
Adani SEJ5PL	Rajasthan	Private	IPP	Solar	33.14
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	44.90
Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	90.08

Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	9.27
Adani SERJ1PL	Rajasthan	Private	IPP	Solar	51.33
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	36.06
Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	24.14
Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	51.09
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	IPP	Solar	197.84
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	IPP	Solar	76.20
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	IPP	Solar	73.65
Avaada RJHN	Rajasthan	Private	IPP	Solar	37.23
Avaada Sunce	Rajasthan	Private	IPP	Solar	55.17
Avaada Sustainable	Rajasthan	Private	IPP	Solar	42.47
Ayana Renewable One	Rajasthan	Private	IPP	Solar	55.11
Nindan Solar Fatehgar	Rajasthan	Private	IPP	Solar	49.12
Renew Jharkhand	Rajasthan	Private	IPP	Solar	51.68
Renew Solar Urja	Rajasthan	Private	IPP	Solar	50.03
Renew Surya Ravi	Rajasthan	Private	IPP	Solar	26.06
Thar Surya1	Rajasthan	Private	IPP	Solar	18.54
Renew Sun Bright	Rajasthan	Private	IPP	Solar	51.71
Northern Region					1834.54
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	32.33
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	39.97
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	40.78
ESPL RSP Solar	Gujarat	Private	IPP	Solar	26.71
TPREL RSP Solar	Gujarat	Private	IPP	Solar	13.65
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	13.53
Powerica	Gujarat	Private	IPP	Solar	9.36
NTPC Kawas	Gujarat	Central	NTPC	Solar	2.44
GSECL	Gujarat	Private	IPP	Solar	3.76
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	71.63

Alfnar Wind	Gujarat	Private	IPP	Wind	90.50
Adani Green Energy Mp Ltd(Dayapar)	Gujarat	Private	IPP	Wind	184.34
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	76.90
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	82.00
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	17.50
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	87.69
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	95.00
Avikiran Solar India Private Limited (AS IPL)	Gujarat	Private	IPP	Wind	41.79
Western Region					929.87
Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	78.98
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	134.53
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	61.53
Mytra	Tamil Nadu	Private	IPP	Wind	71.99
Orange	Tamil Nadu	Private	IPP	Wind	68.93
Green Infra	Tamil Nadu	Private	IPP	Wind	86.38
Rstps Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	8.37
simhadri Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	3.35
Biwadi	Andhra Pradesh	Private	IPP	Solar	8.28
Hisar	Andhra Pradesh	Private	IPP	Solar	8.04
Karnal	Andhra Pradesh	Private	IPP	Solar	8.10
Ayana	Andhra Pradesh	Private	IPP	Solar	42.48
Azure	Andhra Pradesh	Private	IPP	Solar	6.34
FRV2	Andhra Pradesh	Private	IPP	Solar	7.73
FRV	Andhra Pradesh	Private	IPP	Solar	8.22
NTPC	Andhra Pradesh	Private	IPP	Solar	27.01
SBG	Andhra Pradesh	Private	IPP	Solar	42.23
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	42.20
Tata	Andhra Pradesh	Private	IPP	Solar	14.15
Adyah10	Karnataka	Private	IPP	Solar	46.95
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	Karnataka	Private	IPP	Solar	7.58
Avaada	Karnataka	Private	IPP	Solar	22.61
Avaada Solarise	Karnataka	Private	IPP	Solar	21.88
Azure Power	Karnataka	Private	IPP	Solar	16.09
Fortum Finsurya	Karnataka	Private	IPP	Solar	13.07
Fortum	Karnataka	Private	IPP	Solar	36.82
Kredl	Karnataka	Private	IPP	Solar	6.94
Parampujya	Karnataka	Private	IPP	Solar	21.53
Renew	Karnataka	Private	IPP	Solar	6.89
SBG	Karnataka	Private	IPP	Solar	30.96
Tata	Karnataka	Private	IPP	Solar	59.69
Yarrow	Karnataka	Private	IPP	Solar	7.50
Southern Region					1027.37
All India Total					3791.77

Table 3: Renewable Energy Generation by CPSU Owned stations

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) July'2022	RE Generation (MU)' July 2021	RE Generation (MU) April'2022-July2022	RE Generation (MU) April'2021-July '2021
NTPC							
NTPC Faridabad_Solar	Haryana	5.00	Solar	0.57	0.55	2.43	2.42
NTPC Bhadla	Rajasthan	260.00	Solar	32.17	37.75	148.54	154.92
NTPC Jetsar	Rajasthan	160.00	Solar	30.04	0.00	129.84	0.00
NTPC Fatehgarh	Rajasthan	247.20	Solar	50.09	0.00	202.14	0.00
NTPC Dadri_Solar *	Uttar Pradesh	5.00	Solar	0.51	0.52	2.35	2.43
NTPC Unchahar_Solar *	Uttar Pradesh	10.00	Solar	1.26	0.95	5.05	4.39
NTPC Singrauli_Solar *	Uttar Pradesh	15.00	Solar	1.88	1.48	7.38	6.85
NTPC Auraiya	Uttar Pradesh	20.00	Solar	2.98	2.82	12.61	12.04
NTPC Singrauli_SH	Uttar Pradesh	8.00	Small Hydro	2.70	2.72	10.33	12.69
NTPC Rojmal	Gujarat	50.00	Wind	13.05	15.68	51.54	39.80
NTPC Rajgarh_Solar	Madhya Pradesh	50.00	Solar	4.87	4.93	26.02	26.02
NTPC Mandsaur	Madhya Pradesh	250.00	Solar	23.76	26.93	134.13	135.09
NTPC Anantapuram	Andhra Pradesh	250.00	Solar	27.81	28.72	127.44	133.57
NTPC Ramagundam	Telangana	110.00	Solar	8.71	0.77	44.00	4.23
NTPC Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.37	0.40	1.81	1.68
NTPC Talchar_Solar	Orissa	10.00	Solar	0.91	0.96	4.59	4.57
NTPC Solar_Bilhaur	Uttar Pradesh	225.00	Solar	41.39	34.88	184.84	160.23
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	3.38	0.81	16.97	0.81
Kayamkulam	Kerala	92.00	Solar	15.19	0.00	31.31	0.00
Kawas	Gujarat	35.00	Solar	2.44	0.00	8.02	0.00
Total NTPC		1832.20		264.08	160.87	1151.34	701.74
THDC							
THDC Patan Wind Power Project	Gujarat	50.00	Wind	9.11	13.04	39.61	38.18
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	20.01	24.60	64.72	65.12
THDC Solar Kasaragod	Kerala	50.00	Solar	5.52	5.20	26.24	23.75
THDCIL's premises at Rishikesh	Uttar Pradesh	0.50	Solar	0.04	0.03	0.19	0.12
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	4.28	5.23	13.90	11.39
Total THDC		187.50		38.96	48.09	144.66	138.56
NHPC							

NHPC Wind Power Project	Rajasthan	50.00	Wind	6.03	11.40	32.13	38.13
NHPC Solar Power Project	Tamilnadu	50.00	Solar	7.02	7.22	30.40	31.44
Total NHPC		100.00		13.05	18.62	62.53	69.57
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	8.41	19.30	39.47	47.76
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	11.99	24.31	73.59	76.05
ONGC Solar, Goa	Goa	1.00	Solar	0.08	0.08	0.43	0.43
ONGC Solar, Hazira	Gujarat	10.00	Solar	0.72	1.00	5.00	5.08
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.56	0.65	3.08	2.42
ONGC Solar, Rajahmundry	Andhra Pradesh	1.00	Solar	0.05	0.07	0.33	0.39
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.12	0.11	0.46	0.41
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.49	0.01	2.42	0.54
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.37	0.42	1.82	1.89
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.14	0.14	0.55	0.56
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.11	0.12	0.54	0.53
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.03	0.02	0.09	0.09
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.10	0.00
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.01	0.03	0.03
ONGC Solar, DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.03	0.00	0.09	0.00
Total ONGC		184.05		23.12	46.24	128.00	136.19
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	9.82	10.53	29.34	25.31
Sadla Wind Power	Gujarat	50.00	Solar	11.03	16.77	47.14	45.83
Charanka Solar Power	Gujarat	5.60	Solar	0.48	0.56	2.80	2.84
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.13	0.00	0.57	0.00
Total SJVN		104.20		21.45	27.86	79.85	73.98
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	1.82	2.13	8.54	8.29
Oil India Ltd	Rajasthan	67.60	Wind	7.94	12.43	41.97	37.77
Oil India Ltd	Gujarat	43.30	Wind	10.23	13.45	41.51	35.22
Oil India Ltd	Madhya Pradesh	63.20	Wind	9.13	16.85	47.51	56.19
Total Oil India Ltd		188.10		29.12	44.86	139.53	137.47
NEEPCO							

NEEPCO	Tripura	5.00	Solar	0.54	0.35	2.03	1.97
DVC							
DVC	West Bangal	0.08	Solar	0.01	0.01	0.03	0.04
DVC	Jharkhand	4.00	Small Hydro	0.00	2.70	0.00	4.16
Total DVC		4.08		0.01	2.70	0.03	4.20
All India Total		2605.13		390.33	349.59	1707.97	1263.68

Renewable Energy Curtailment during June 2022

(As Available on SLDCs web site or informed furnished by respective SLDC)

Table 4 RE Curtailment Data as available from SLDCs

Renewable Energy Curtailment for the month of June -2022			
S.No.	States	Curtailment (MU)	Source
1.	Andhra Pradesh		APTRANSCO Website- http://apps.aptransco.co.in/sldcreports/forms/BackDownWind.aspx
2.	Telangana		Information furnished by SLDC, TSTransco through email.
3.	Tamil Nadu	-	No information is available on website.
4.	Karnataka		SLDC, KPTCL Website- http://kptclsldc.com/recurtail.aspx
5.	Maharashtra	-	No information is available on website.
6.	Gujarat	-	No information is available on website.
7.	Rajasthan	—	SLDC, RRVPNL Website- https://sldc.rajasthan.gov.in/mis/monthlyReDsmReports
8.	Madhya Pradesh	—	SLDC, MP Power Transmission Corporation Ltd.- http://223.31.122.117/mpsldc/RE_DATA

Table 5 Deviation Data for ISGS

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of July 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
ABC RENEWABLE ENERGY	Solar	54.20	56.29	2.09
ACME HEERGARH POWERT	Solar	44.34	42.66	-1.68
ACSEPL_BHADLA	Solar	46.30	45.02	-1.28
ADANI HYBRID	Solar	96.96	90.08	-6.88
ADANI HYBRID FOUR	Solar	225.15	197.84	-27.31
ADANI HYBRID THREE	Solar	69.38	76.20	6.82
ADANI HYBRID TWO	Solar	70.19	73.65	3.46
Adani RERJL	Solar	34.90	35.37	0.47
ADANI SE JODHPUR 2 L	Solar	9.35	9.40	0.05
Adani SE4PL	Solar	9.13	9.58	0.45
Adani SEJ5PL	Solar	33.22	33.14	-0.08
Adani SERJ1PL	Solar	52.65	51.33	-1.32
AURAIYA SOLAR	Solar	3.19	2.94	-0.25
AVAADA RIHN	Solar	38.88	37.23	-1.65
AVAADA SUNCE	Solar	58.08	55.17	-2.91
AVAADA SUSTAINABLE	Solar	43.56	42.47	-1.10
AYANA RENEWABLE ONE	Solar	52.19	55.11	2.92
AZURE FORTY ONE	Solar	44.97	44.97	0.00
AZURE FORTY THREE	Solar	108.39	109.44	1.05
AZURE POWER MAPLE	Solar	28.00	29.37	1.37
AZURE POWER THIRTY F	Solar	24.30	24.14	-0.16
AZURE SOLAR	Solar	29.49	31.50	2.01
CLEAN SOLAR POWER	Solar	43.42	43.12	-0.30
CSP_BHADLA	Solar	64.11	53.20	-10.91
DADRI SOLAR	Solar	0.60	0.51	-0.09
EDEN RENEWABLE	Solar	53.49	54.10	0.61
MAHINDRA RPL	Solar	44.19	44.23	0.04
MEGA SURYAURJA	Solar	43.02	42.47	-0.55
NIDAN SOLAR FATEHGAR	Solar	51.11	49.12	-1.99
RENEW JHARKHAND	Solar	51.50	51.68	0.19
RENEW SOLAR	Solar	9.55	9.27	-0.28
RENEW SOLAR URJA	Solar	52.40	50.03	-2.37
RENEW SUN BRIGHT	Solar	52.21	51.71	-0.49
RENEW SUN WAVES	Solar	51.90	51.09	0.00
RENEW SURYA RAVI	Solar	23.87	26.06	0.00
RSPL_BKN	Solar	44.42	44.90	0.48
SBSR POWER CLEANTECH	Solar	34.86	36.06	1.20
SINGRAULI SOLAR	Solar	1.84	1.79	-0.05
TATA SOLAR	Solar	53.26	52.37	-0.89

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of July 2022				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
THAR SURYA 1	Solar	19.49	18.54	-0.95
UNCHA HAR SOLAR	Solar	1.34	1.24	-0.09
WESTERN REGION				
Renew Solar (Bhuvad)	Solar	74.51	71.63	-2.88
Ostro Wind (Kutch)	Wind	94.03	87.69	-6.35
Mahindra Solar (Badwar)	Solar	39.97	40.78	0.81
Arinsun Solar (Barsaitadesh)	Solar	31.62	32.33	0.72
ACME Solar (Ramnagar)	Solar	39.44	39.97	0.52
GIWEL - III Wind (Naranpar)	Wind	86.97	82.00	-4.97
GIWEL - II Wind (Vadva)	Wind	79.92	76.90	-3.02
IWISL Wind (Dayapar)	Wind	15.77	17.50	1.73
Adani Green Energy	Wind	154.86	184.34	29.48
AlfanarWind_SECI-III	Wind	93.03	90.50	-2.53
Renew Wind Energy AP2 SECI-III	Wind	94.76	95.00	0.24
Avikiran Solar India Private Limited (AS IPL)	Solar	43.37	41.79	-1.59
SOUTHERN REGION				
Betam Tuticorin	Wind	77.94	78.98	1.05
Girel Tuticorin	Wind	86.78	86.38	-0.40
GRTJIPL Tuticorin	Wind	16.89	16.80	-0.09
Mytrah Tuticorin	Wind	73.27	71.99	-1.28
Orange Tuticorin	Wind	70.54	68.93	-1.61
Biwadi Npkunta	Solar	8.04	8.28	0.24
Hisar Npkunta	Solar	8.03	8.04	0.01
Karnal Npkunta	Solar	8.02	8.10	0.09
Ayana Npkunta	Solar	40.24	42.48	2.24
Azure Npkunta	Solar	6.16	6.34	0.18
igs1 Npkunta	Solar	7.34	7.73	0.38
igs2 Npkunta	Solar	7.58	8.22	0.64
NTPC Npkunta	Solar	29.20	27.01	-2.19
SBG Npkunta	Solar	41.91	42.23	0.32
Sprng Agnitra Npkunta	Solar	41.52	42.20	0.68
Tata Npkunta	Solar	14.82	14.15	-0.67
All_Adyah Pavagada	Solar	46.02	46.95	0.94
Amplus Pavagada	Solar	7.46	7.58	0.12
Avaada Pavagada	Solar	22.28	22.61	0.33
Avaada Solarise Pavagada	Solar	22.53	21.88	-0.65
Azure Power Pavagada	Solar	15.68	16.09	0.42
Fortum Finsurya Pavagada	Solar	13.01	13.07	0.06
Fortum Pavagada	Solar	37.22	36.82	-0.40
Kredl Pavagada	Solar	7.04	6.94	-0.09

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of July 2022

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Parampujya Pavagada	Solar	21.67	21.53	-0.14
Renew Pavagada	Solar	7.36	6.89	-0.47
SBG Pavagada_	Solar	32.59	30.96	-1.62
Tata Pavagada_	Solar	60.61	59.69	-0.92
Yarrow Pavagada_	Solar	7.52	7.50	-0.01

+ve Deviation Means Actual generation is greater than Schedule Generation.

Table 6 Fossil and Non-Fossil Generation

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

State/UT	Fossil		Non Fossil			Grand Total	Non Fossil as % of Total Generation
	Thermal	Gas	Nuclear	Hydro (Large)	Renewable Energy		
Chandigarh	0.00	0.00	0.00	0.00	0.20	0.20	100.00
Delhi	0.00	374.81	0.00	0.00	44.60	419.41	10.63
Haryana	2960.94	0.00	0.00	0.00	140.41	3101.35	4.53
HP	0.00	0.00	0.00	6180.21	369.84	6550.05	100.00
J & K	0.00	0.00	0.00	2340.55	42.65	2383.20	100.00
Ladakh	0.00	0.00	0.00	64.79	0.00	64.79	100.00
Punjab	2577.82	0.00	0.00	399.27	256.86	3233.95	20.29
Rajasthan	4442.78	135.24	623.04	19.97	2995.31	8216.34	44.28
Uttar Pradesh	13496.05	289.39	50.97	60.43	334.79	14231.63	3.14
Uttarakhand	0.00	0.00	0.00	1765.50	77.81	1843.31	100.00
Northern Region Total	23477.59	799.44	674.01	10830.72	4262.47	40044.23	39.37
Chhattisgarh	10747.24	0.00	0.00	10.10	112.86	10870.20	1.13
Gujarat	3628.90	334.02	171.62	497.82	2858.31	7490.67	47.10
Madhya Pradesh	11229.95	0.00	0.00	760.74	727.13	12717.82	11.70
Maharashtra	8472.63	122.64	700.93	456.73	1663.93	11416.86	24.71
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00	0.75	0.75	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	34078.72	456.66	872.55	1725.39	5364.91	42498.23	18.74
Andhra Pradesh	4591.49	92.87	0.00	270.37	1993.72	6948.45	32.58
Telangana	3166.31	0.00	0.00	475.20	480.74	4122.25	23.19
Karnataka	1990.60	0.00	675.59	1181.38	2835.42	6682.99	70.21
Kerala	0.00	0.00	0.00	765.57	198.62	964.19	100.00
Tamil Nadu	5184.47	172.68	1393.96	683.29	3672.07	11106.47	51.77
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	16.18	0.00	0.00	1.02	17.20	5.93
Southern Region Total	14932.87	281.73	2069.55	3375.81	9181.59	29841.55	49.02
Andaman Nicobar	10.34	0.00	0.00	0.00	3.12	13.46	23.18
Bihar	4604.15	0.00	0.00	0.00	17.90	4622.05	0.39
Jharkhand	2499.06	0.00	0.00	13.17	1.86	2514.09	0.60
Orissa	5175.92	0.00	0.00	463.86	104.91	5744.69	9.90
Sikkim	0.00	0.00	0.00	1722.73	1.03	1723.76	100.00
West Bengal	7104.79	0.00	0.00	383.07	162.14	7650.00	7.13
Eastern Region Total	19394.26	0.00	0.00	2582.83	290.97	22268.06	12.91
Arunachal Pradesh	0.00	0.00	0.00	595.44	0.24	595.68	100.00
Assam	470.13	288.30	0.00	60.23	16.77	835.43	9.22
Manipur	0.00	0.00	0.00	75.97	0.69	76.66	100.00
Meghalaya	0.00	0.00	0.00	152.63	13.28	165.91	100.00

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

State/UT	Fossil		Nuclear	Non Fossil		Grand Total	Non Fossil as % of Total Generation
	Thermal	Gas		Hydro (Large)	Renewable Energy		
Mizoram	0.00	0.00	0.00	25.14	1.27	26.41	100.00
Nagaland	0.00	0.00	0.00	40.95	7.83	48.78	100.00
Tripura	0.00	577.00	0.00	0.00	0.54	577.54	0.09
North Eastern Region Total	470.13	865.30	0.00	950.36	40.61	2326.40	42.60
All India Total	92353.57	2403.13	3616.11	19465.11	19140.55	136978.47	30.82

Table 7 Renewable Energy as % of Total Electricity Generated

RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of July 2022							
State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Chandigarh	0.00	0.00	0.00	0.00	0.20	0.20	100
Delhi	0.00	374.81	0.00	0.00	44.60	419.41	10.63
Haryana	2960.94	0.00	0.00	0.00	140.41	3101.35	4.53
HP	0.00	0.00	0.00	6180.21	369.84	6550.05	5.65
J & K	0.00	0.00	0.00	2340.55	42.65	2383.20	1.79
Ladakh	0.00	0.00	0.00	64.79	0.00	64.79	0.00
Punjab	2577.82	0.00	0.00	399.27	256.86	3233.95	7.94
Rajasthan	4442.78	135.24	623.04	19.97	2995.31	8216.34	36.46
Uttar Pradesh	13496.05	289.39	50.97	60.43	334.79	14231.63	2.35
Uttarakhand	0.00	0.00	0.00	1765.50	77.81	1843.31	4.22
Northern Region Total	23477.59	799.44	674.01	10830.72	4262.47	40044.23	10.64
Chhattisgarh	10747.24	0.00	0.00	10.10	112.86	10870.20	1.04
Gujarat	3628.90	334.02	171.62	497.82	2858.31	7490.67	38.16
Madhya Pradesh	11229.95	0.00	0.00	760.74	727.13	12717.82	5.72
Maharashtra	8472.63	122.64	700.93	456.73	1663.93	11416.86	14.57
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00	0.75	0.75	100.00
Goa	0.00	0.00	0.00	0.00	1.94	1.94	100.00
Western Region Total	34078.72	456.66	872.55	1725.39	5364.91	42498.23	12.62
Andhra Pradesh	4591.49	92.87	0.00	270.37	1993.72	6948.45	28.69
Telangana	3166.31	0.00	0.00	475.20	480.74	4122.25	11.66
Karnataka	1990.60	0.00	675.59	1181.38	2835.42	6682.99	42.43
Kerala	0.00	0.00	0.00	765.57	198.62	964.19	20.60
Tamil Nadu	5184.47	172.68	1393.96	683.29	3672.07	11106.47	33.06
Lakshadweep	0.00	0.00	0.00	0.00	0.01	0.01	100.00
Puducherry	0.00	16.18	0.00	0.00	1.02	17.20	5.93
Southern Region Total	14932.87	281.73	2069.55	3375.81	9181.59	29841.55	30.77
Andaman Nicobar	10.34	0.00	0.00	0.00	3.12	13.46	23.18
Bihar	4604.15	0.00	0.00	0.00	17.90	4622.05	0.39
Jharkhand	2499.06	0.00	0.00	13.17	1.86	2514.09	0.07
Orissa	5175.92	0.00	0.00	463.86	104.91	5744.69	1.83
Sikkim	0.00	0.00	0.00	1722.73	1.03	1723.76	0.06
West Bengal	7104.79	0.00	0.00	383.07	162.14	7650.00	2.12
Eastern Region Total	19394.26	0.00	0.00	2582.83	290.97	22268.06	1.31
Arunachal Pradesh	0.00	0.00	0.00	595.44	0.24	595.68	0.04
Assam	470.13	288.30	0.00	60.23	16.77	835.43	2.01
Manipur	0.00	0.00	0.00	75.97	0.69	76.66	0.90
Meghalaya	0.00	0.00	0.00	152.63	13.28	165.91	8.00
Mizoram	0.00	0.00	0.00	25.14	1.27	26.41	4.79

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

State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Nagaland	0.00	0.00	0.00	40.95	7.83	48.78	16.05
Tripura	0.00	577.00	0.00	0.00	0.54	577.54	0.09
North Eastern Region Total	470.13	865.30	0.00	950.36	40.61	2326.40	1.75
All India Total	92353.57	2403.13	3616.11	19465.11	19140.55	136978.47	13.97

Table 8:- RE generation data (Source wise) for the month of July in the year 2022 & 2021

State/UTs	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		RE Total 2022	RE Total 2021
	July,22	July,21	July,22	July,21	July,22	July,21	July,22	July,21	July,22	July,21	July,22	July,21	July,22	July,21
उत्तरी क्षेत्र / Northern Region														
Chandigarh	0.00	0.00	0.20	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.24
Delhi	0.00	0.00	22.64	20.04	0.00	0.00	0.00	0.00	0.00	0.00	21.96	16.86	44.60	36.90
Haryana	0.00	0.00	63.04	30.77	29.70	13.30	20.96	0.00	22.16	23.73	4.55	0.00	140.41	67.80
Himachal Pradesh	0.00	0.00	4.91	3.88	0.00	0.00	0.00	0.00	364.93	282.37	0.00	0.00	369.84	286.25
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.65	52.90	0.00	0.00	42.65	52.90
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	157.78	125.02	32.89	46.71	0.10	2.12	66.09	178.35	0.00	0.03	256.86	352.23
Rajasthan	532.70	1002.98	2431.45	1121.04	31.16	34.46	0.00	0.00	0.00	0.09	0.00	0.00	2995.31	2158.57
Uttar Pradesh	0.00	0.00	293.09	217.26	7.08	8.26	11.24	5.65	14.74	11.31	8.64	0.00	334.79	242.48
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
उप-कुल / Sub Total	532.70	1002.98	3000.77	1542.88	100.82	102.73	53.01	28.03	540.02	575.53	35.15	16.89	4262.47	3269.04
पश्चिमी क्षेत्र / Western Region														
Chhattisgarh	0.00	0.00	30.73	26.37	70.94	107.53	0.00	0.00	11.19	26.80	0.00	0.00	112.86	160.69
Gujarat	2216.97	2769.60	633.18	471.44	0.00	0.00	0.00	0.00	8.16	15.02	0.00	0.00	2858.31	3256.06
Madhya Pradesh	424.02	622.57	276.51	292.28	0.55	0.00	0.00	0.00	23.56	13.51	2.49	2.77	727.13	931.13
Maharashtra	1301.28	1318.13	235.43	200.72	24.12	29.45	35.84	15.06	67.19	64.78	0.07	0.02	1663.93	1628.16
Daman and Diu	0.00	0.00	0.00	4.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.78
Dadra and Nagar Haveli	0.00	0.00	0.75	2.60	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.75	3.71
Goa	0.00	0.00	1.51	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	1.94	0.08
उप-कुल / Sub Total	3942.27	4710.30	1178.11	998.26	95.61	138.08	35.84	15.06	110.10	120.11	2.98	2.80	5364.91	5984.60

Table 8:- RE generation data (Source wise) for the month of July in the year 2022 & 2021

State/UTs	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		RE Total 2022	RE Total 2021
	July,22	July,21	July,22	July,21	July,22	July,21	July,22	July,21	July,22	July,21	July,22	July,21	July,22	July,21
दक्षिणी क्षेत्र / Southern Region														
Andhra Pradesh	1375.98	1107.30	571.47	546.56	6.12	11.52	0.40	1.26	15.59	17.04	24.16	7.93	1993.72	1691.61
Telangana	44.30	41.15	412.77	438.12	1.93	10.49	0.00	0.00	5.12	5.51	16.62	21.77	480.74	517.05
Karnataka	1533.70	1688.59	925.97	933.85	10.66	20.37	55.68	614.12	309.42	272.79	0.00	0.00	2835.42	3529.72
Kerala	18.81	19.47	57.29	33.10	0.00	0.00	10.25	4.23	112.26	105.42	0.00	0.00	198.62	162.22
Tamil Nadu	2818.68	2851.49	731.17	607.24	11.18	12.18	74.43	29.09	36.60	35.60	0.00	0.00	3672.07	3535.60
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
उप-कुल / Sub Total	5791.47	5708.01	2699.70	2559.91	29.89	54.56	140.76	648.70	478.99	436.36	40.78	29.70	9181.59	9437.23
पूर्वी क्षेत्र/ Eastern Region														
Andaman Nicobar	0.00	0.00	1.64	1.15	0.00	0.00	0.00	0.00	1.48	1.47	0.00	0.00	3.12	2.62
Bihar	0.00	0.00	15.28	12.21	0.00	0.00	0.00	0.00	2.62	1.08	0.00	0.00	17.90	13.29
Jharkhand	0.00	0.00	1.86	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	1.38
Orissa	0.00	0.00	45.69	40.06	0.03	7.70	0.00	0.00	59.19	46.72	0.00	0.00	104.91	94.48
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	9.86	7.67	0.00	0.00	0.00	0.00	19.76	23.15	132.52	111.14	162.14	141.96
उप-कुल / Sub Total	0.00	0.00	74.34	62.47	0.03	7.70	0.00	0.00	84.08	73.45	132.52	111.14	290.97	254.76
उत्तर-पूर्वी क्षेत्र / North-Eastern Region														
Arunachal Pradesh	0.00	0.00	0.19	0.16	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.24	0.16
Assam	0.00	0.00	11.33	5.34	0.00	0.00	0.00	0.00	5.44	4.52	0.00	0.00	16.77	9.86
Manipur	0.00	0.00	0.69	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.48
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.28	2.84	0.00	0.00	13.28	2.84
Mizoram	0.00	0.00	0.23	0.18	0.00	0.00	0.00	0.00	1.03	2.38	0.00	0.00	1.27	2.56
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	6.89	0.00	0.00	7.83	6.89
Tripura	0.00	0.00	0.54	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.37
उप-कुल / Sub Total	0.00	0.00	12.98	6.52	0.00	0.00	0.00	0.00	27.63	16.63	0.00	0.00	40.61	23.14

सम्पूर्ण भारत (कुल)/ All India Total	10266.44	11421.28	6965.89	5170.03	226.35	303.07	229.61	691.79	1240.83	1222.07	211.43	160.53	19140.55	18968.78
--	----------	----------	---------	---------	--------	--------	--------	--------	---------	---------	--------	--------	----------	----------

Table 9:- RE generation data (Source wise) for the year 2022(Up to July 2022) & 2021(Up to July 2021)

State/UTs	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		RE Total 2022	RE Total 2021
	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21
उत्तरी क्षेत्र / Northern Region														
Chandigarh	0.00	0.00	3.47	4.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	4.53
Delhi	0.00	0.00	87.97	65.52	0.00	0.00	0.00	0.00	0.00	0.00	88.12	61.53	176.09	127.05
Haryana	0.00	0.00	252.16	140.65	118.80	54.79	83.84	14.75	88.64	75.83	18.20	0.00	561.64	286.02
Himachal Pradesh	0.00	0.00	21.38	15.74	0.00	0.00	0.00	0.00	949.37	582.02	0.00	0.00	970.75	597.75
J & K	0.00	0.00	0.00	1.71	0.00	0.00	0.00	0.00	166.62	203.10	0.00	0.00	166.62	204.81
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	710.29	536.57	170.40	202.05	44.78	35.24	233.80	381.45	0.00	0.21	1159.26	1155.52
Rajasthan	3185.20	3218.72	10764.30	4307.93	122.12	140.82	0.00	0.00	0.24	0.12	0.00	0.00	14071.86	7667.60
Uttar Pradesh	0.00	0.00	1264.66	939.83	33.43	32.56	573.73	569.76	49.59	28.86	16.54	0.00	1937.94	1571.00
Uttarakhand	0.00	0.00	110.60	98.52	0.00	0.00	82.84	81.04	117.80	107.12	0.00	0.00	311.24	286.68
उप-कुल / Sub Total	3185.20	3218.72	13214.83	6111.00	444.74	430.23	785.19	700.79	1606.06	1378.48	122.86	61.74	19358.88	11900.97
पश्चिमी क्षेत्र / Western Region														
Chhattisgarh	0.00		159.70	122.48	435.98	436.09	0.60	0.00	24.21	42.97	0.00	0.00	620.49	601.54
Gujarat	0.00	0.00	3239.52	2095.50	0.00	0.00	2.86	2.04	43.81	44.37	2.24	0.00	12182.29	10063.17
Madhya Pradesh	8893.86	7921.26	1459.15	1434.96	5.91	0.00	22.15	2.86	50.93	46.55	13.57	11.68	3772.62	3548.78
Maharashtra	2220.92	2052.73	1215.26	1163.92	105.62	112.66	1064.45	551.43	239.87	266.23	0.23	0.05	6221.53	5657.14
Daman and Diu	3596.10	3562.85	10.07	14.63	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.49	14.63
Dadra and Nagar Haveli	0.00	0.00	6.88	12.80	0.81	3.76	0.00	0.00	0.00	0.00	0.00	0.00	7.69	16.57
Goa	0.00	0.00	2.77	0.43	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.00	4.47	0.43
उप-कुल / Sub Total	0.00	0.00	6093.36	4844.71	550.73	552.52	1090.06	556.33	358.82	400.11	17.74	11.72	22821.58	19902.26

Table 9:- RE generation data (Source wise) for the year 2022(Up to July 2022) & 2021(Up to July 2021)

State/UTs	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		RE Total 2022	RE Total 2021
	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21	April 22- July,22	April 21- July ,21
दक्षिणी क्षेत्र / Southern Region														
Andhra Pradesh	3674.74	3285.30	2742.33	2756.53	30.91	39.24	45.29	17.19	54.94	66.27	84.14	31.00	6632.35	6195.53
Telangana	114.41	111.50	2202.03	2183.41	17.34	43.47	7.16	0.00	11.61	11.19	59.49	84.32	2412.03	2433.89
Karnataka	4238.61	4354.19	4610.93	4529.88	49.35	68.96	545.11	699.89	613.90	518.20	0.00	0.00	10057.90	10171.10
Kerala	54.49	56.24	204.23	155.39	0.00	0.00	23.57	15.85	300.25	281.87	0.00	0.00	582.54	509.34
Tamil Nadu	8297.14	7401.84	2891.69	2390.35	41.84	42.30	228.68	141.55	62.66	81.58	0.00	0.00	11522.01	10057.63
Lakshadweep	0.00	0.00	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.12
Puducherry	0.00	0.00	4.08	4.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.08	4.08
उप-कुल / Sub Total	16379.38	15209.07	12655.34	12019.74	139.44	193.97	849.81	874.48	1043.35	959.11	143.63	115.32	31210.95	29371.69
पूर्वी क्षेत्र/ Eastern Region														
Andaman Nicobar	0.00	0.00	8.68	7.06	0.00	0.00	0.00	0.00	4.31	3.23	0.00	0.00	12.99	10.29
Bihar	0.00	0.00	61.49	50.78	0.00	2.14	0.00	0.00	3.08	1.08	0.00	0.00	64.57	54.00
Jharkhand	0.00	0.00	7.45	6.18	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	7.45	6.45
Orissa	0.00	0.00	226.20	193.77	17.27	32.41	0.00	0.00	100.05	107.08	0.00	0.00	343.52	333.26
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.12	4.12	0.00	0.00	4.12	4.12
West Bengal	0.00	0.00	41.45	34.63	0.00	0.00	0.00	0.00	62.83	48.76	546.30	491.89	650.58	575.29
उप-कुल / Sub Total	0.00	0.00	345.27	292.43	17.27	34.55	0.00	0.00	174.40	164.53	546.30	491.89	1083.24	983.41
उत्तर-पूर्वी क्षेत्र / North-Eastern Region														
Arunachal Pradesh	0.00	0.00	12.75	0.64	0.00	0.00	0.00	0.00	1.31	0.05	0.00	0.00	14.06	0.69
Assam	0.00	0.00	49.86	19.79	0.00	0.00	0.00	0.00	20.45	12.97	0.00	0.00	70.31	32.76
Manipur	0.00	0.00	2.74	1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.74	1.85
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.75	13.11	0.00	0.00	33.75	13.11
Mizoram	0.00	0.00	1.12	0.90	0.00	0.00	0.00	0.00	2.07	2.41	0.00	0.00	3.19	3.31
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.62	10.11	0.00	0.00	26.62	10.11
Tripura	0.00	0.00	2.03	2.02	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	2.03	3.46
उप-कुल / Sub Total	0.00	0.00	68.50	25.20	0.00	0.00	0.00	0.00	84.19	40.09	0.00	0.00	152.70	65.29
सम्पूर्ण भारत (कुल)/ All India Total	34275.46	31964.63	32377.29	23293.09	1152.19	1211.28	2725.06	2131.60	3266.81	2942.33	830.53	680.68	74627.34	62223.61



This report is published by
Renewable Energy Project Monitoring Division
Central Electricity Authority, New Delhi

For any query, please contact at:

011-26732058

ce-rpmcea@cea.nic.in / cerpmcea@gmail.com

