



सत्यमेव जयते

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



Broad Overview of
Monthly Renewable Energy Generation
मासिक नवीकरणीय ऊर्जा उत्पादन का व्यापक दृष्टिकोण

February-2024/ फ़रवरी-2024

नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable 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, अटल अक्षय ऊर्जा भवन, सीजीओ कॉम्प्लेक्स, लोधी रोड, नई दिल्ली -03
Secretary, Ministry of New and Renewable Energy, Atal Akshay Urja Bhawan, 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. सदस्य (ताप-विद्युत), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (Thermal), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
8. सदस्य (जल-विद्युत), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (Hydro), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
9. सदस्य (विद्युत प्रणाली), के.वि.प्रा. सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Member (Power System), CEA, Sewa Bhawan, R. K. Puram, New Delhi-110066
10. सलाहकार (उर्जा), नीति आयोग, संसद मार्ग, नई दिल्ली, दिल्ली 110001
Adviser (Energy), Niti Aayog, Sansad Marg, New Delhi, Delhi 110001
11. मुख्य अभियंता (जी.एम.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (GM), CEA, Sewa Bhawan, New Delhi-110066
12. मुख्य अभियंता (आई.टी.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (IT), CEA, Sewa Bhawan, New Delhi-110066
13. मुख्य अभियंता (ओ.पी.एम.), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (OPM), CEA, Sewa Bhawan, New Delhi-110066
14. मुख्य अभियंता (आईसी & सी), के.वि.प्रा. सेवा भवन, नई दिल्ली- 110066
Chief Engineer (IC&C), CEA, Sewa Bhawan, New Delhi-110066
15. निदेशालय (अर्थशास्त्र और सांख्यिकी), विकास भवन- II, तीसरी मंजिल, B 'विंग, मेटकाफ हाउस, न. दि -110054
Directorate of Economics & Statistics, Vikas Bhawan-II, IIIrd Floor, 'B' Wing, Metcalfe House, ND-54.

Contents	Page No.
Highlights of RE generation during February 2024	01
Summary of Renewable Energy Generation	09
All India summary of source wise Renewable Generation	16

Table List:

Contents	Page No.
Table 1: All India Summary of Renewable Energy Generation	16
Table 2: Renewable Energy Generation by ISGS Stations	17
Table 3: Renewable Energy Generation by CPSU Owned stations	21
Table 4: Deviation Data for ISGS	25
Table 5: Fossil and Non-Fossil Generation for the Month of February 2024	29
Table 6: Fossil and Non-Fossil for the period of April 2023- February 2024	31
Table 7: Renewable Energy as % of Total Electricity Generated	33
Table 8: Cumulative Renewable Energy as % of Total Electricity Generated	35
Table 9: Monthly Source wise RE generation February 2024 and February 2023	37
Table10: Cumulative Source wise RE generation April 23- February 24 and April 22- February 23	40

List of Figures	Page No.
Figure 1: All India Month wise RE Capacity Addition	02
Figure 2: All India Month wise Solar Capacity Addition	03
Figure 3: All India Month wise Wind Capacity Addition	03
Figure 4: RE capacity added during the Month	04
Figure 5: Source wise addition in RE Installed Capacity	04
Figure 6: Installed Capacity in India as on 29.02.2024	05
Figure 7: Cumulative Total Energy Generation in India and Share of RE Generation	05
Figure 8: Total Energy Generation in India and Share of RE in the month of February 2024	06
Figure 9: RE Generation Region Wise of February -2024	06
Figure 10: RE Cumulative Generation Region Wise Upto (April 2023 to February 2024)	07
Figure 11: Source wise breakup of RE Generation in the month of February 2024)	07
Figure 12: Source wise breakup of Cumulative RE Generation for 2023-24 (Upto February 2024)	08
Figure 13: Summary of Renewable Energy Generation	09
Figure 14: Additional RE Generation in February 2024 as compared to February 2023	09
Figure 15: Month Wise Growth of RE Generation in year 2023-24 w.r.t to previous year of same Month	10
Figure 16: Comparison of Month Wise RE Generation in year 2022-23 & in year 2023-24	10
Figure 17: Month Wise Wind Power Generation in 2022-23 & in year 2023-24	11
Figure 18: Month Wise Solar Power Generation in 2022-23 & in year 2023-24	11
Figure 19: Month Wise Biomass Power Generation in 2022-23 & in year 2023-24	12
Figure 20: Month Wise Bagasse Power Generation in 2022-23 & in year 2023-24	12
Figure 21: Month Wise Small Hydro Power Generation in 2022-23 & in year 2023-24	13
Figure 22: Month Wise Large Hydro Power Generation in 2022-23 & in year 2023-24	13
Figure 23: Month Other RE (Waste Heat etc.) Power Generation in 2022-23 & in year 2023-24	14
Figure 24: Year wise RE generation	14
Figure 25: Daily Solar and wind Power Generation Trend in the month of February 2024	15

Highlights of RE GENERATION

1. RE capacity addition during February 2024 has been 1453.73 MW (Solar – 1269.29 MW, Wind – 184.44 MW).
2. RE generation during February 2024 has decreased by 0.13 % as compared to February 2023.
3. Large Hydro Power generation during February 2024 as compared to February 2023 has decreased by 29.08 %.
4. Solar Power generation during February 2024 as compared to February 2023 has increased by 9.06 on All India Basis except Punjab, Uttar Pradesh and Telangana %.
5. Wind Power generation during February 2024 as compared to February 2023 has increased by 56.94 % on All India Basis.
6. Biomass Power generation during February 2024 as compared to February 2023 has decreased by 6.60 %.
7. Bagasse power generation during February 2024 as compared to February 2023 has decreased by 7.39 %.
8. Others (Waste to Energy) Power generation has increased by 13.68 % during February 2024 as compared to February 2023 on All India basis except Uttar Pradesh ,Madhya Pradesh, Haryana etc.
9. Small Hydro Power generation during February 2024 as compared to February 2023 has decreased by 21.07 %.
10. The generation from ISGS stations (Solar and wind plants) for the month of February 2024 is 4357.01 MUs which is 18.20 % of the Monthly RE generation during the month.
11. The generation from CPSUs for the month of February 2024 is 668.24 MUs which is 2.79 % of the Monthly RE generation during the month.

All India RE Capacity Addition

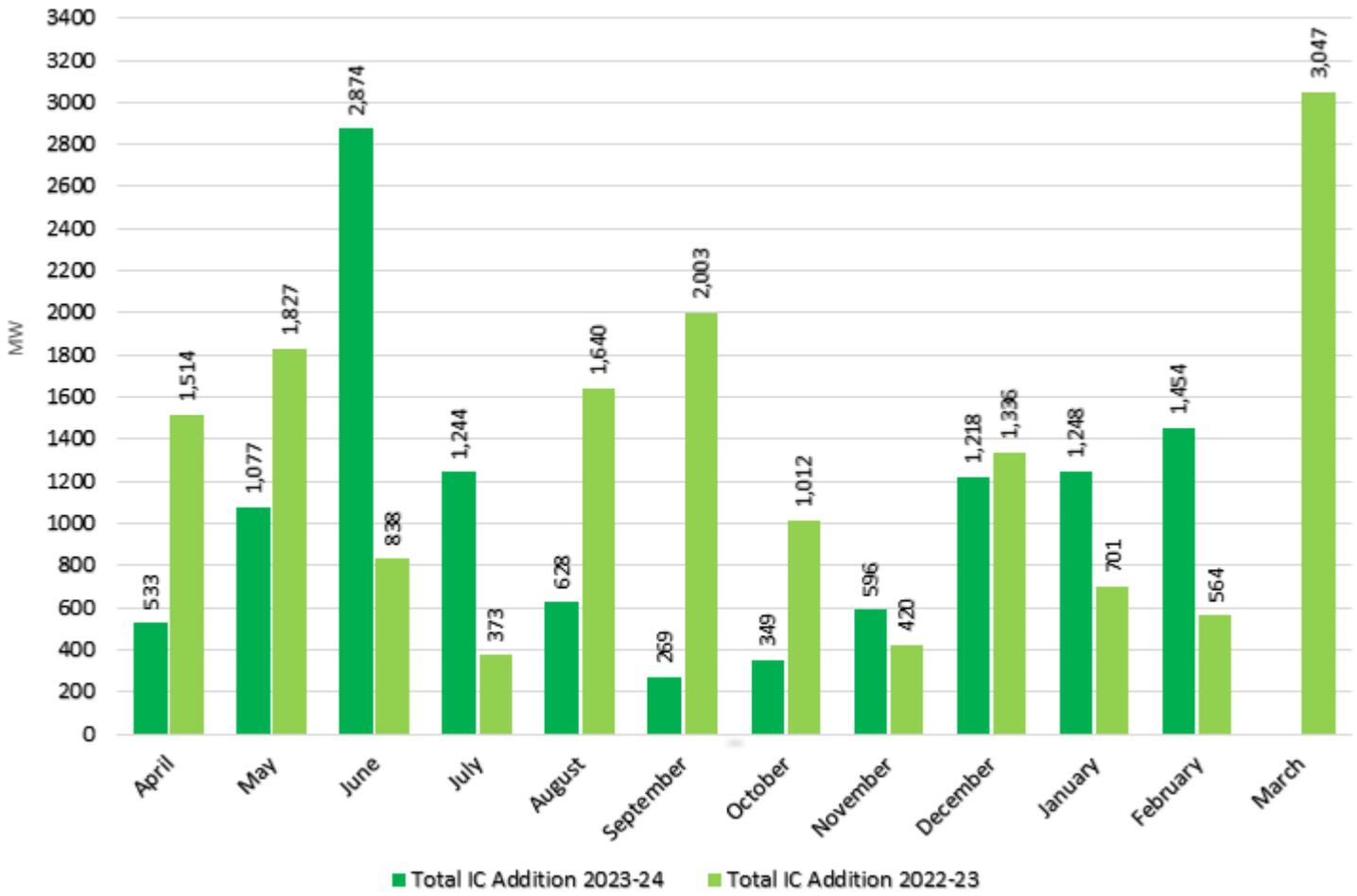


Figure 1: All India Month wise RE Capacity Addition

Month wise Solar IC addition

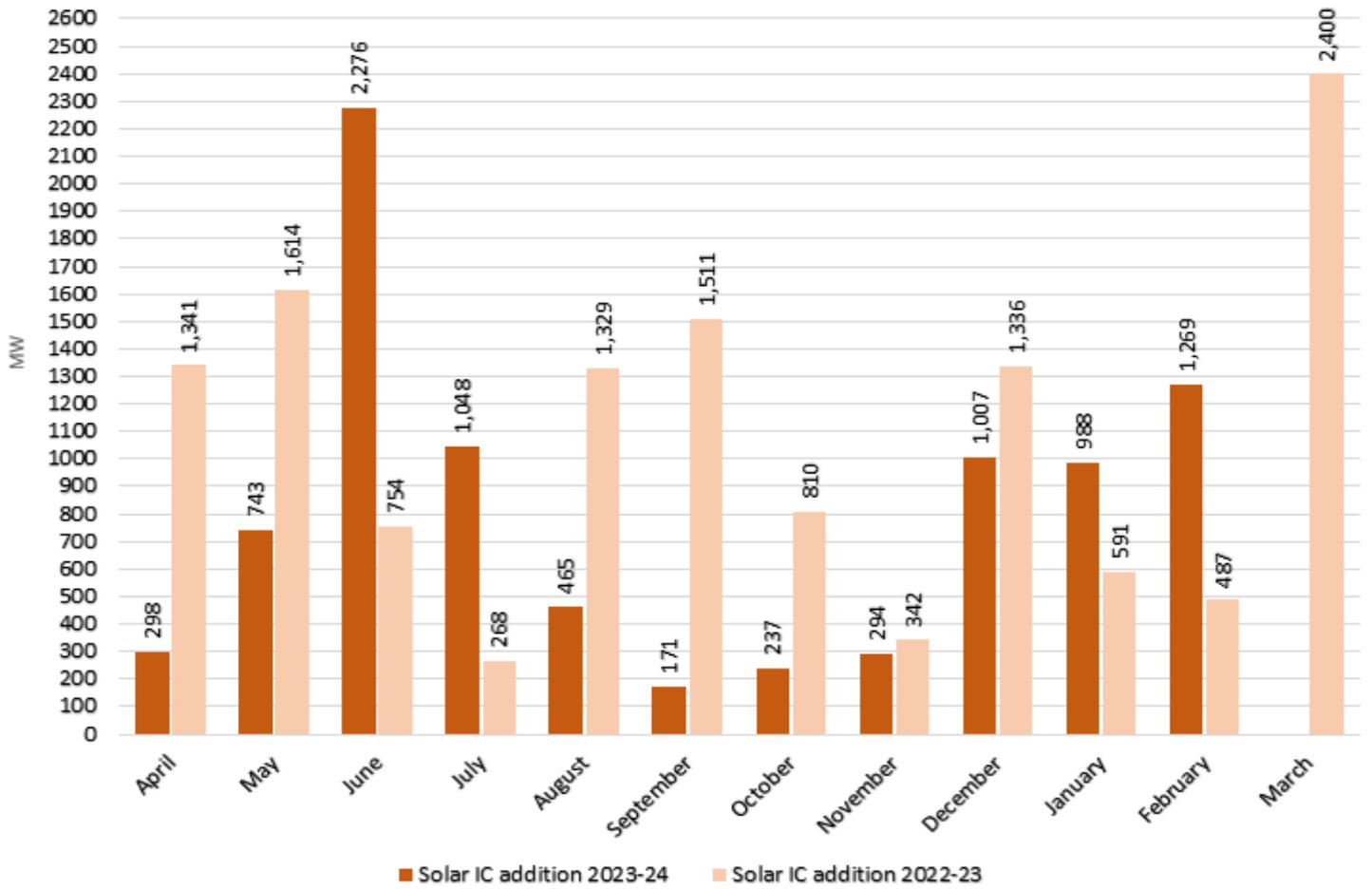


Figure 2: All India Month wise Solar Capacity Addition

Month wise Wind IC addition

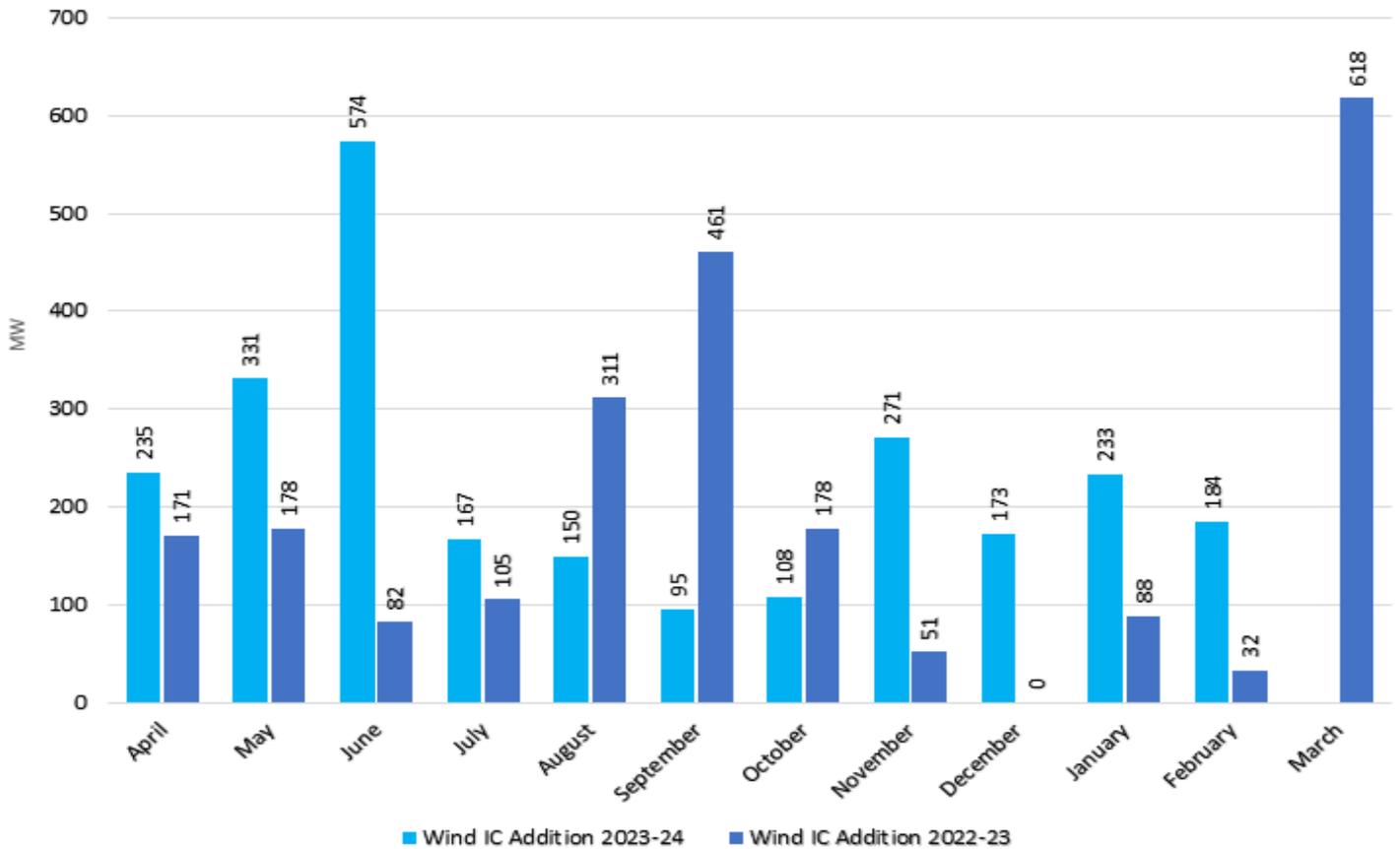


Figure 3: All India Month wise Wind Capacity Addition

Summary of RE Capacity Addition for the Month of February'24

Increased by 157.96% as compared to February 23.

Increased by 16.47 % as compared to January 24.

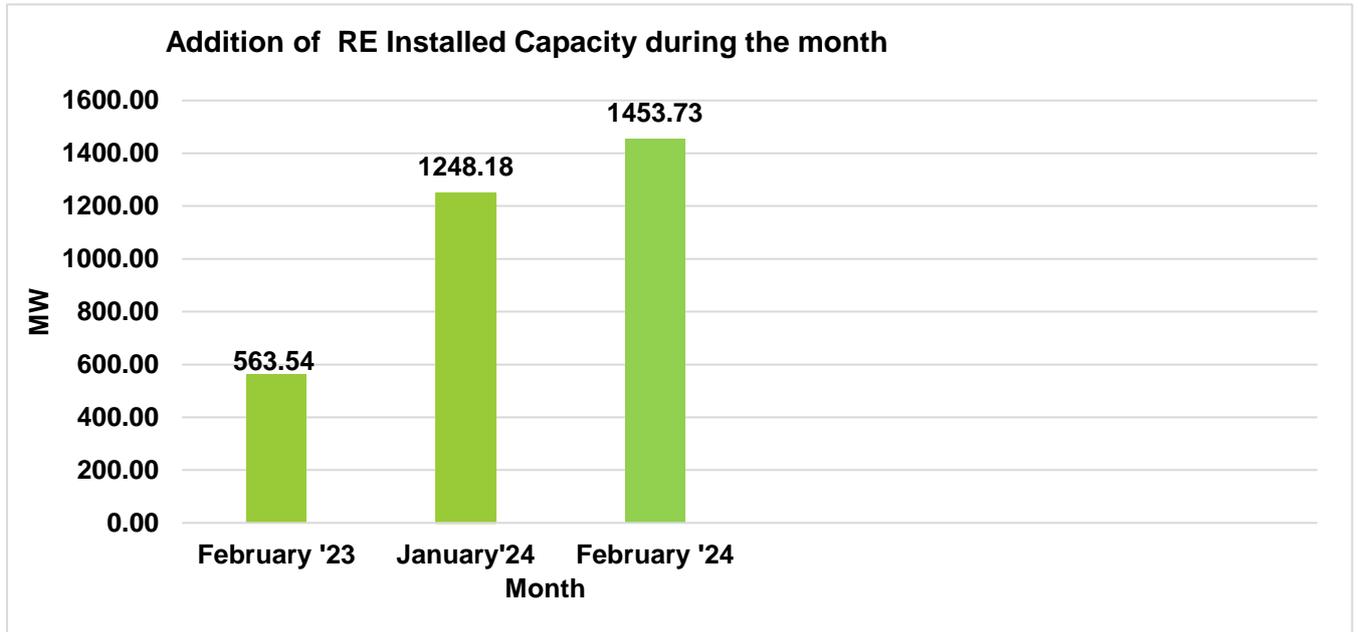


Figure 4: RE capacity added during the Month

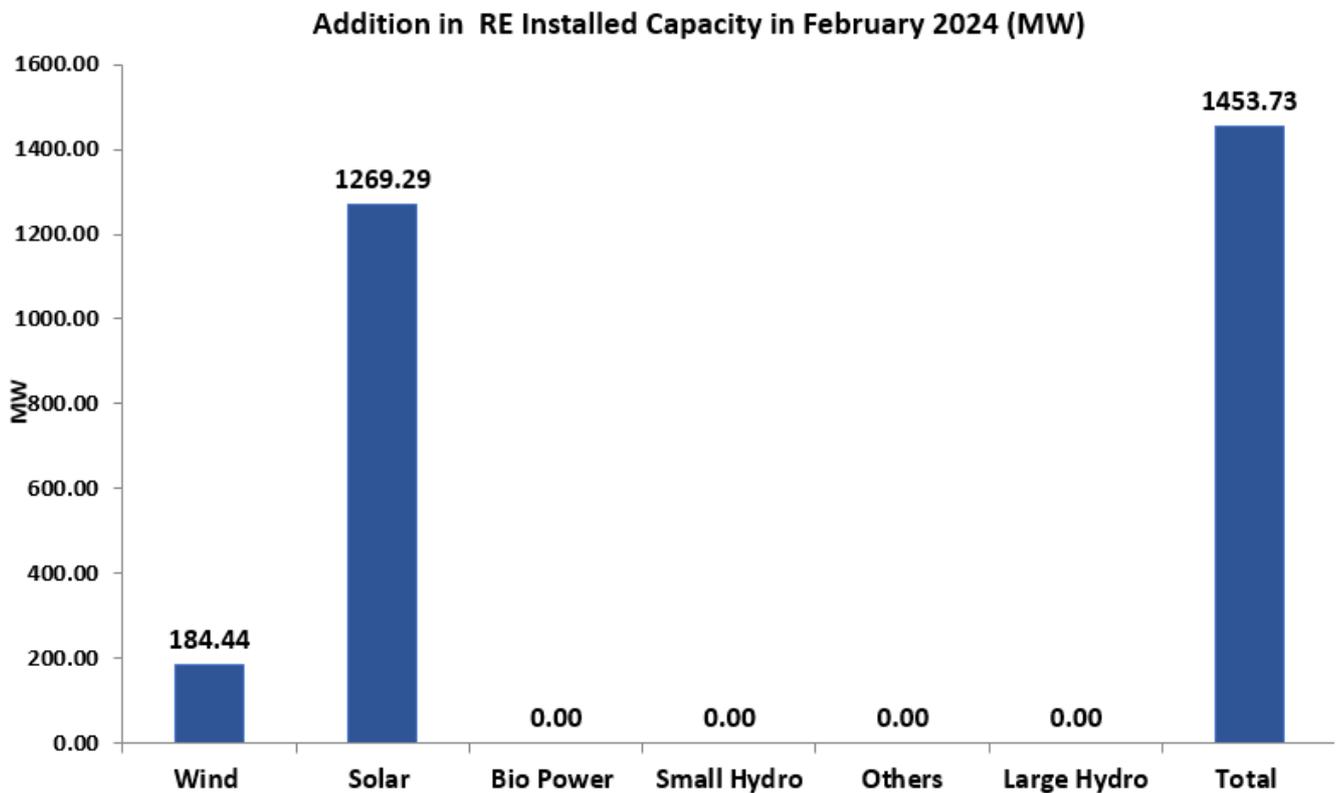


Figure 5: Source wise addition in RE Installed Capacity in February 24

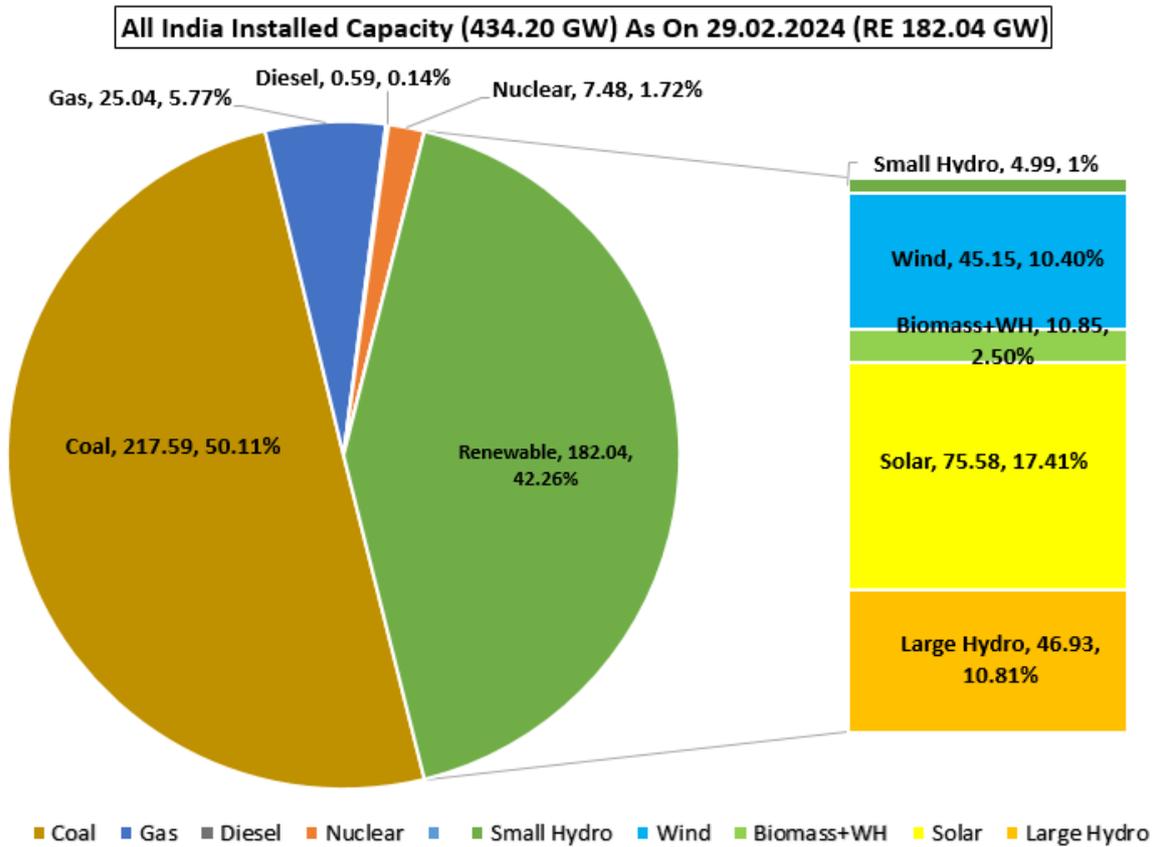


Figure 6: Installed Capacity in India as on 29.02.2024

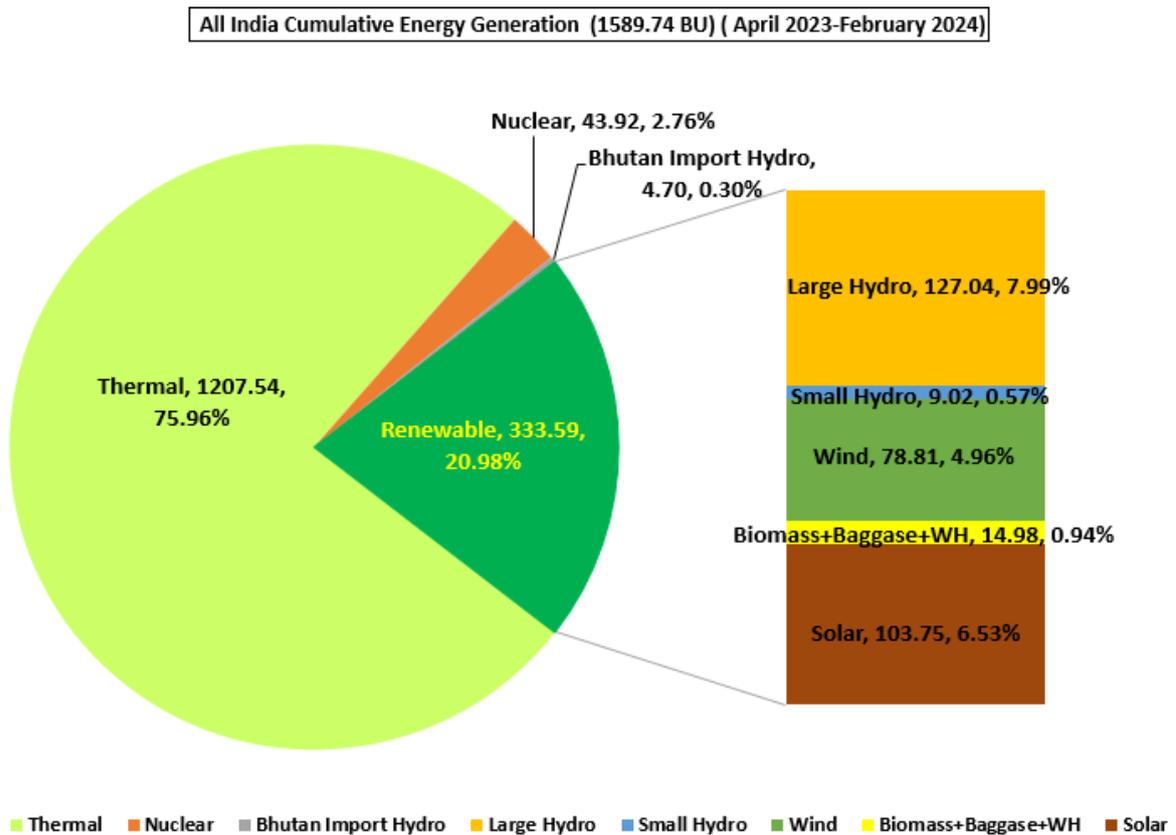


Figure 7: Cumulative Total Energy Generation in India and Share of RE for the year 2023-24

All India Monthly Energy Generation (136.70 BU) February 2024

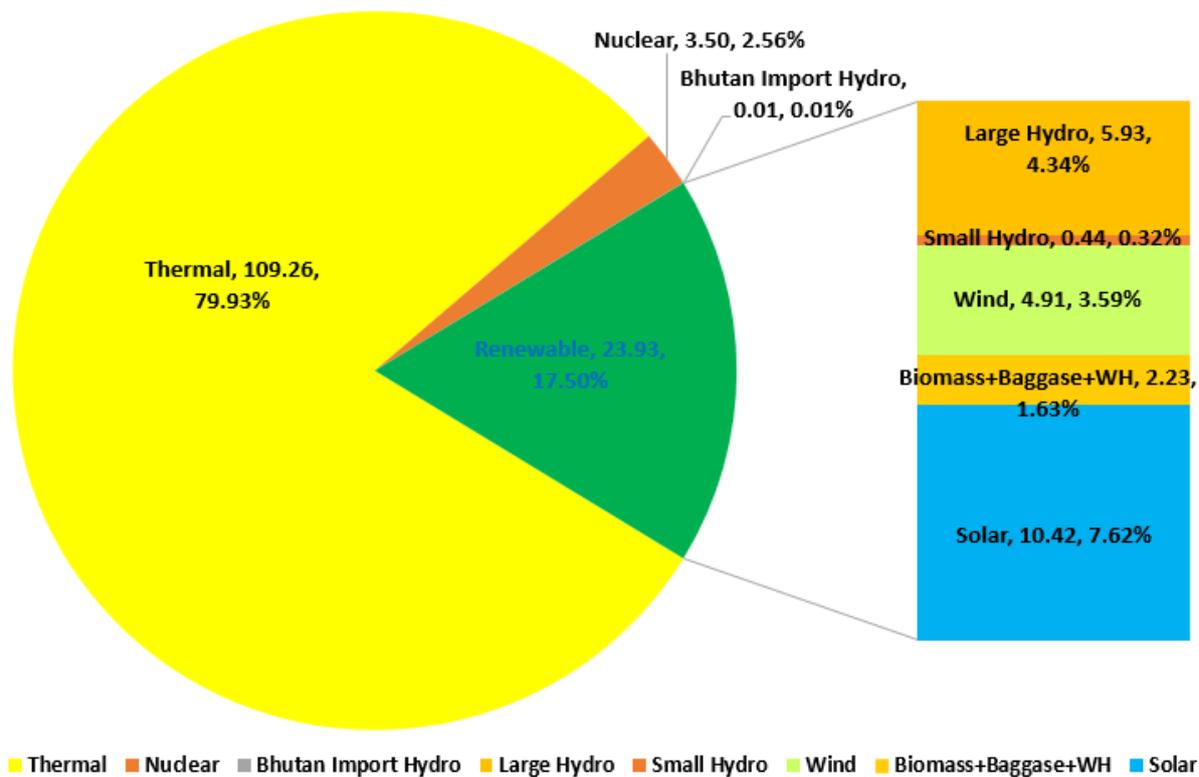


Figure 8: Total Energy Generation in India and Share of RE in the month of February 2024

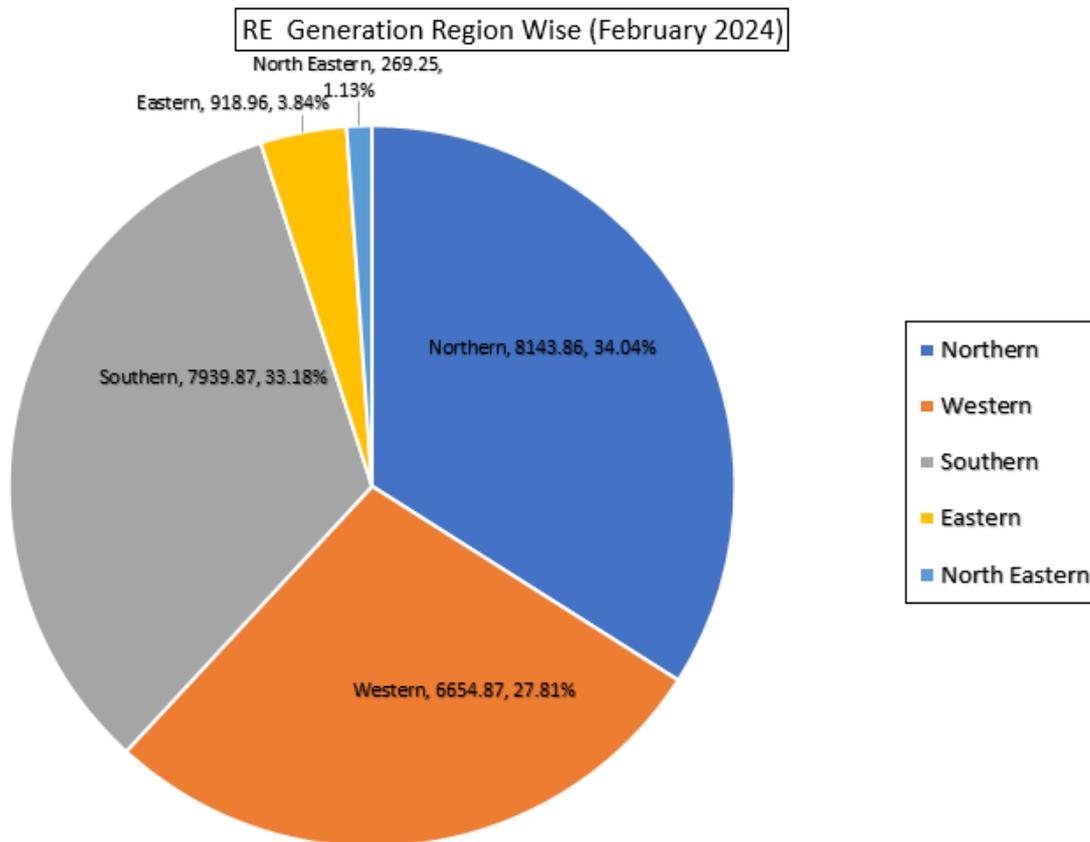


Figure 9: RE Generation Region Wise of February -2024

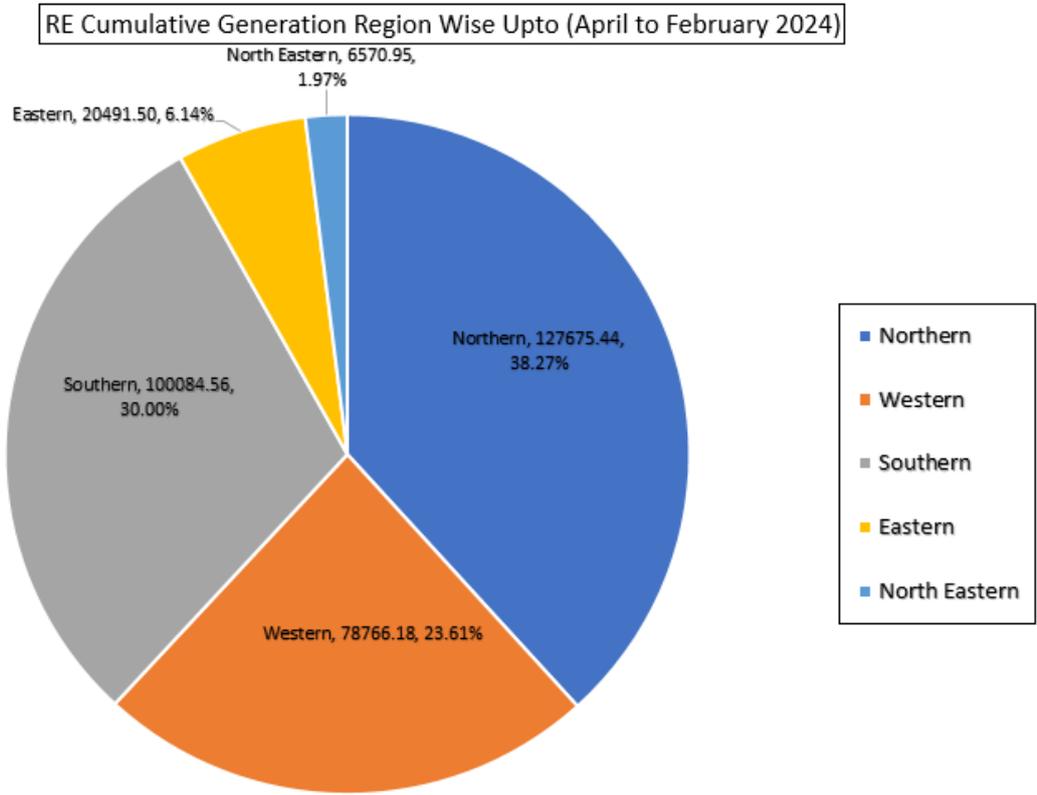


Figure 10: RE Cumulative Generation Region Wise Upto (April 2023 to February 2024)

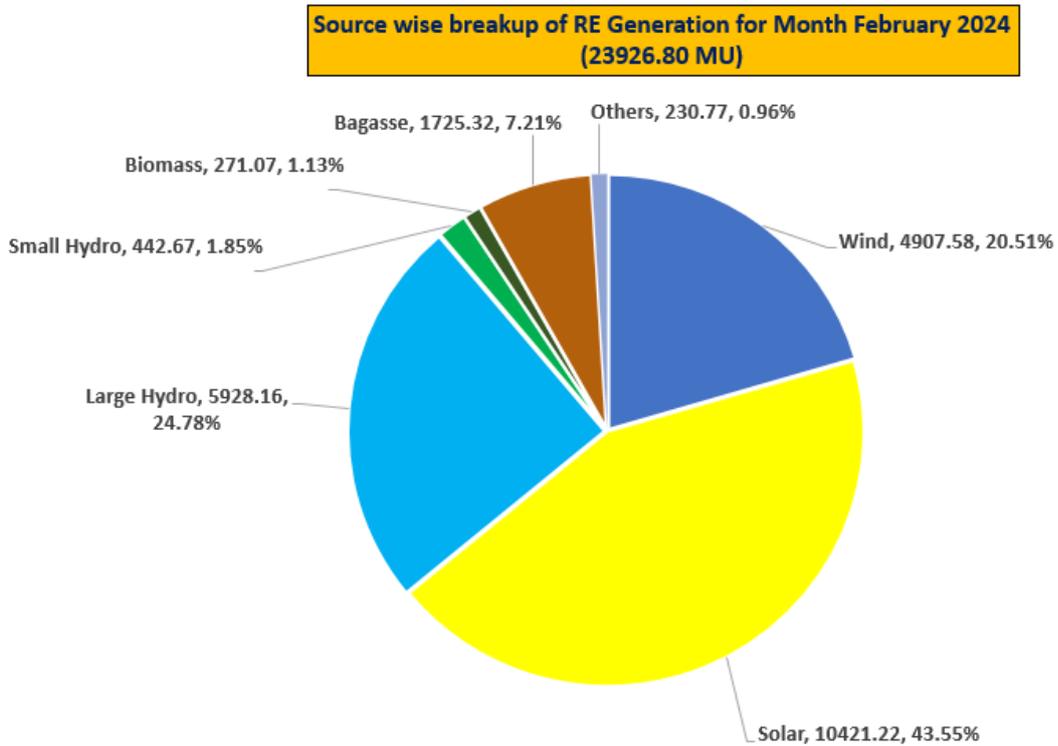


Figure 11: Source wise breakup of RE Generation in the month of February -2024

Source wise breakup of cumulative RE Generation for April 23- February 24
(333588.64 MU)

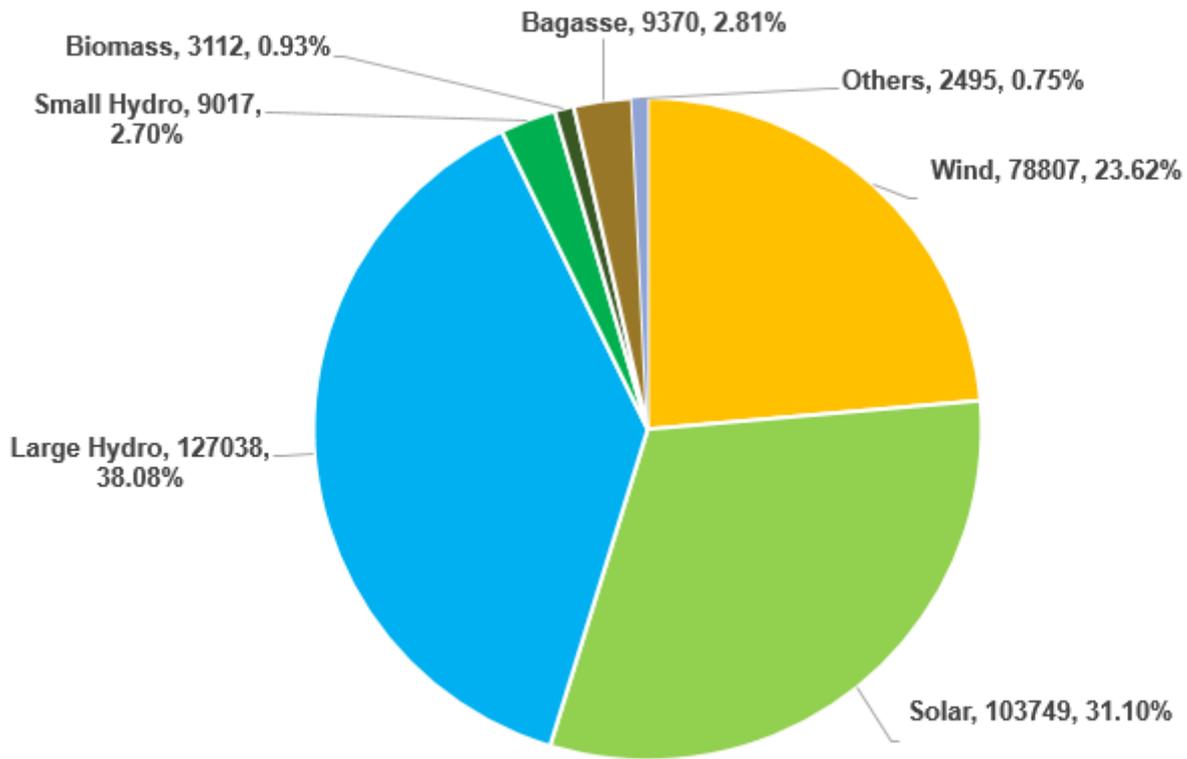


Figure 12: Source wise breakup of Cumulative RE Generation for the year 2023-24.

Summary of Renewable Energy Generation

Decreased by 0.13 % as compared to February ' 23

Increased by 6.74 % as compared to January '24

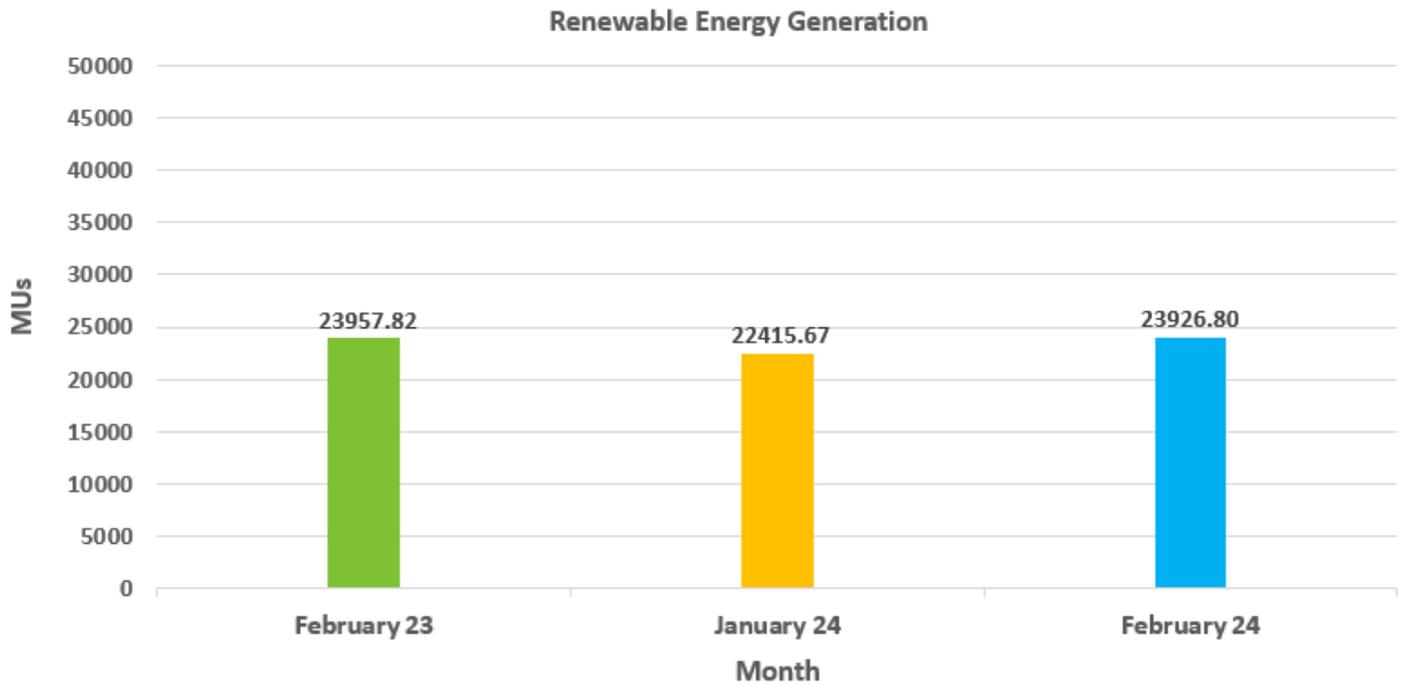


Figure 13: Renewable Energy Generation

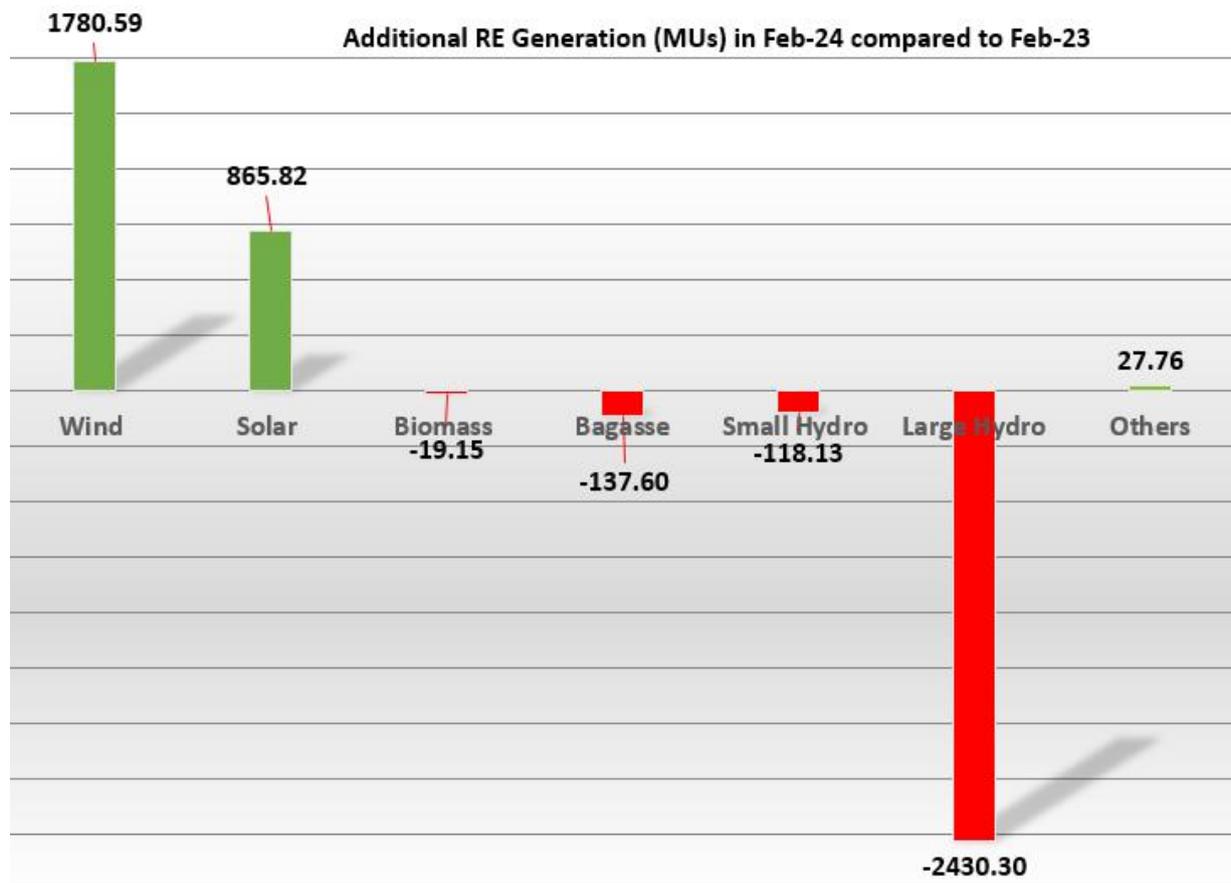


Figure 14: Additional RE Generation in February -24 as compared to February-23

India Renewable Energy Growth rate % increase over same Month in the last year

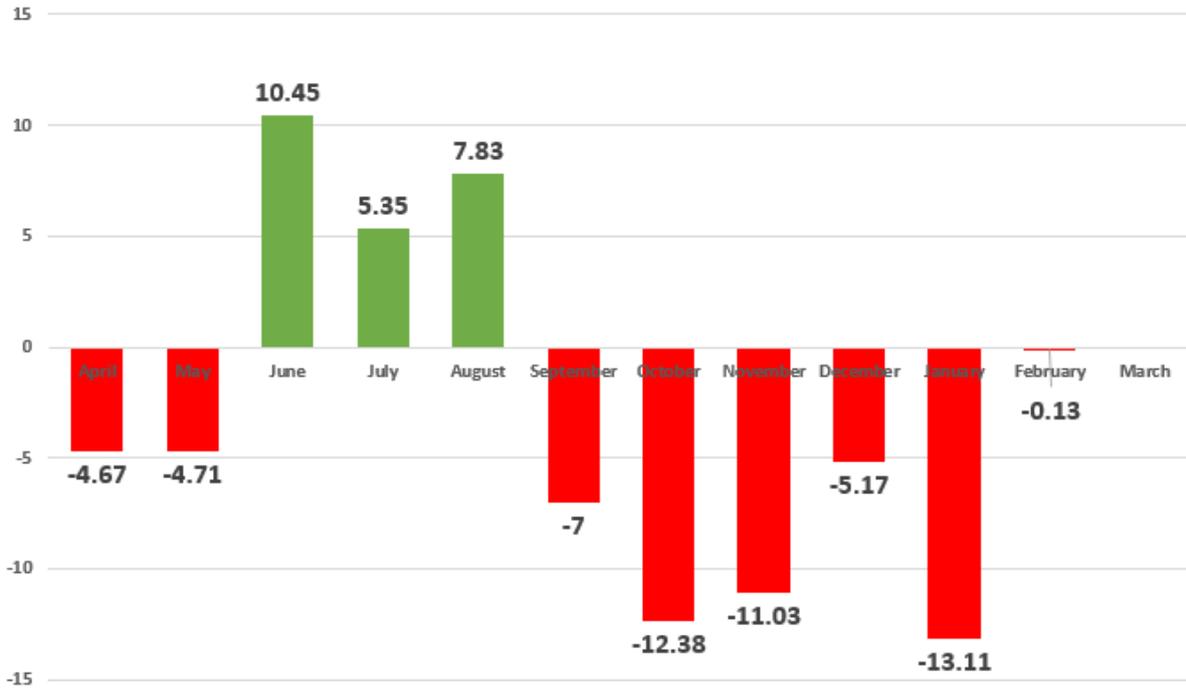


Figure 15: Month Wise % Growth of RE Generation in year 2023-24 w.r.t to previous year Same Month.

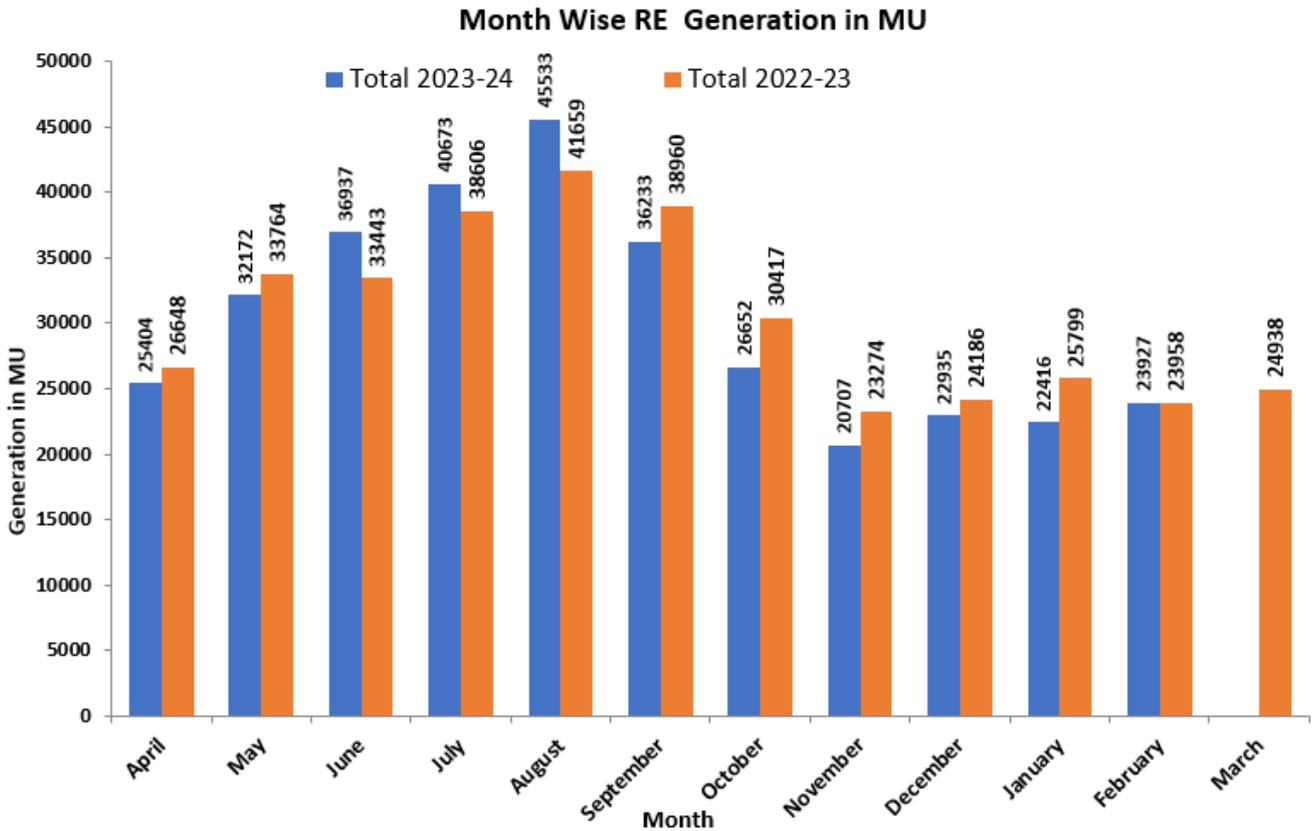


Figure 16: Comparison of Month Wise RE Generation in year 2022-23 & in year 2023-24

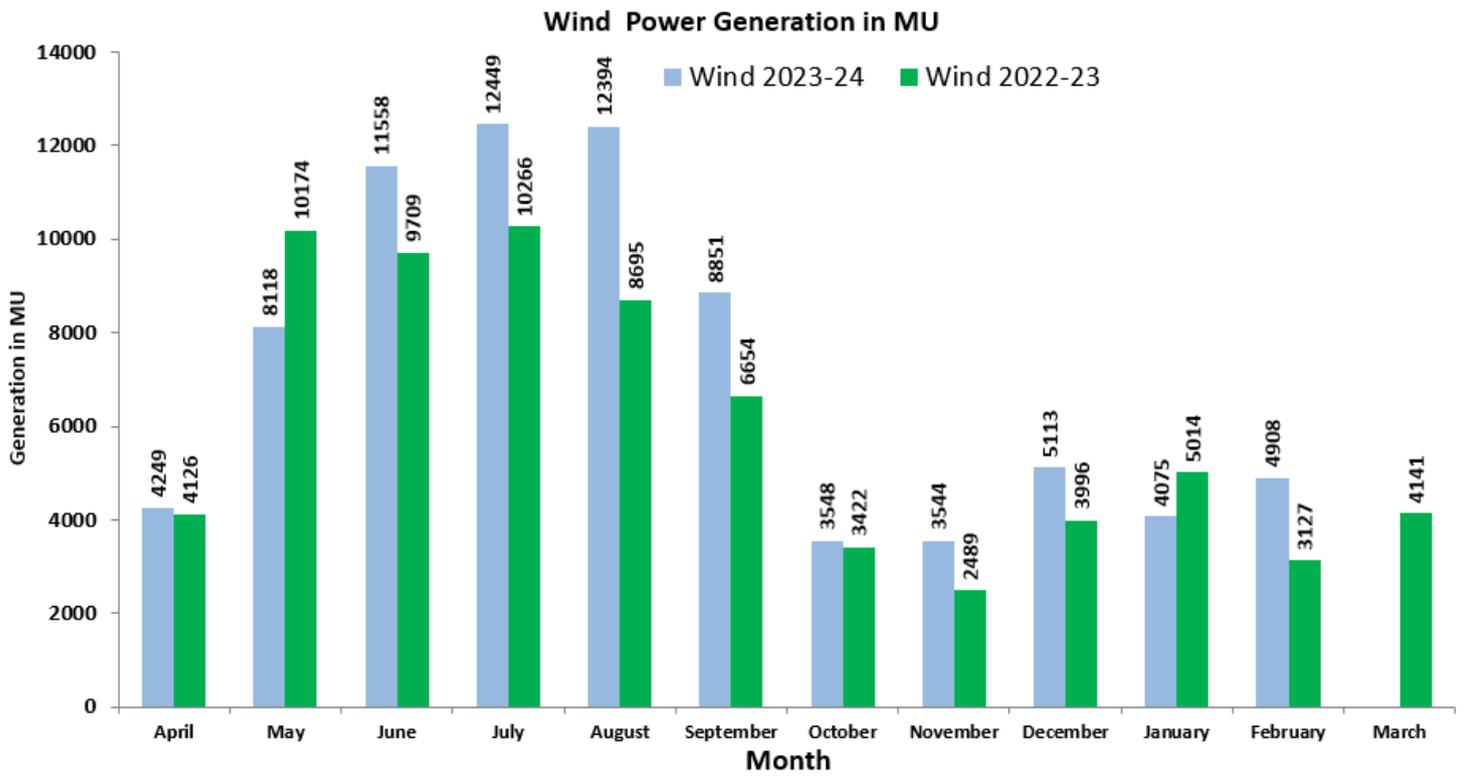


Figure 17: Month Wise Wind Power Generation for the year 2022-23 and year 2023-24.

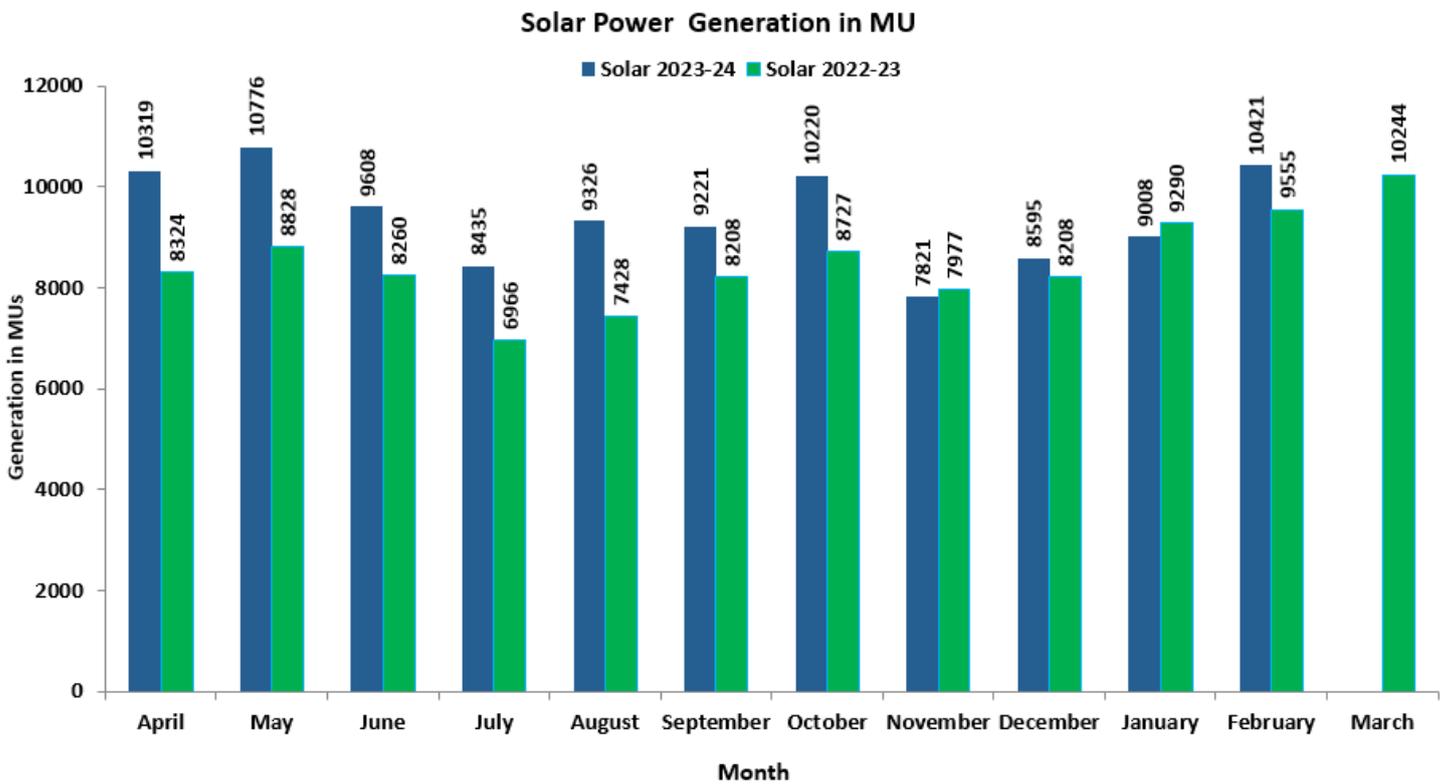


Figure 18: Month Wise Solar Power Generation for the year 2022-23 and year 2023-24.

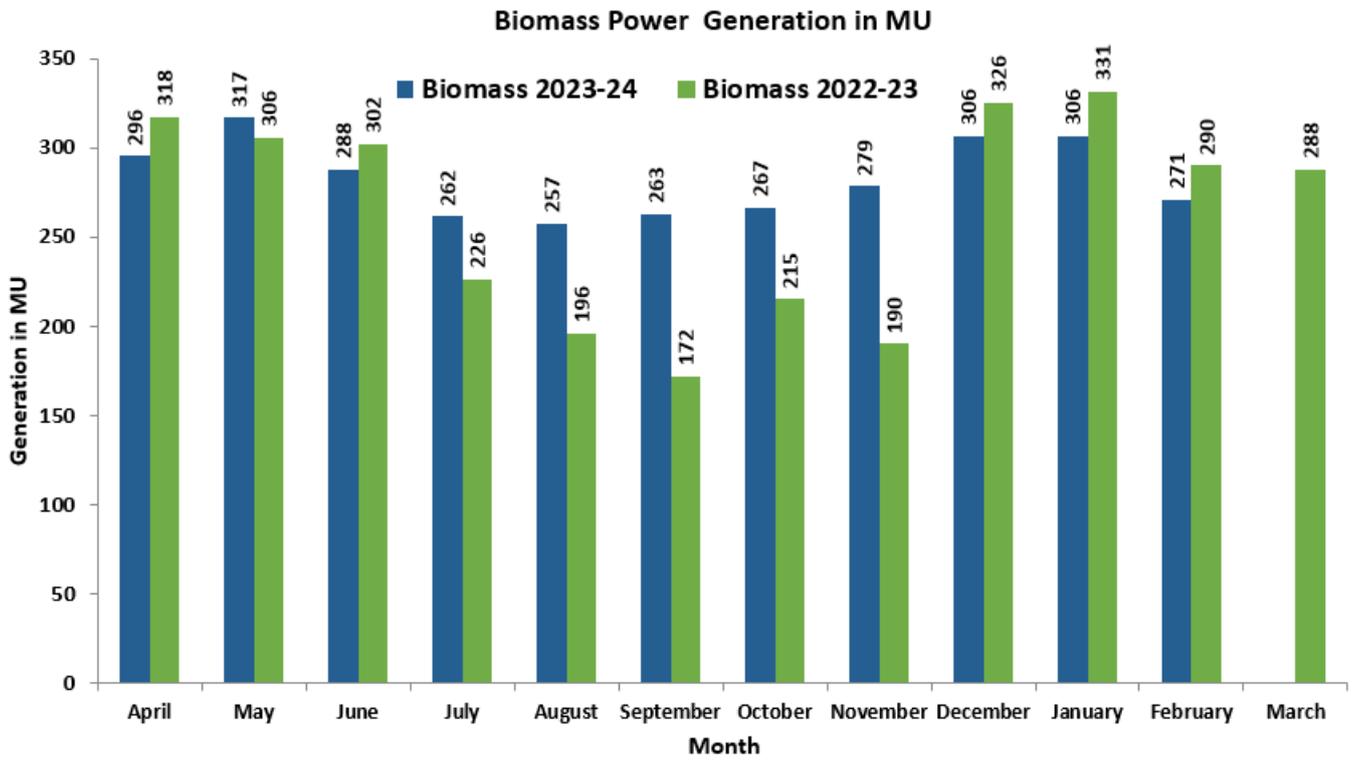


Figure 19: Month Wise Biomass Power Generation for the year 2022-23 and year 2023-24.

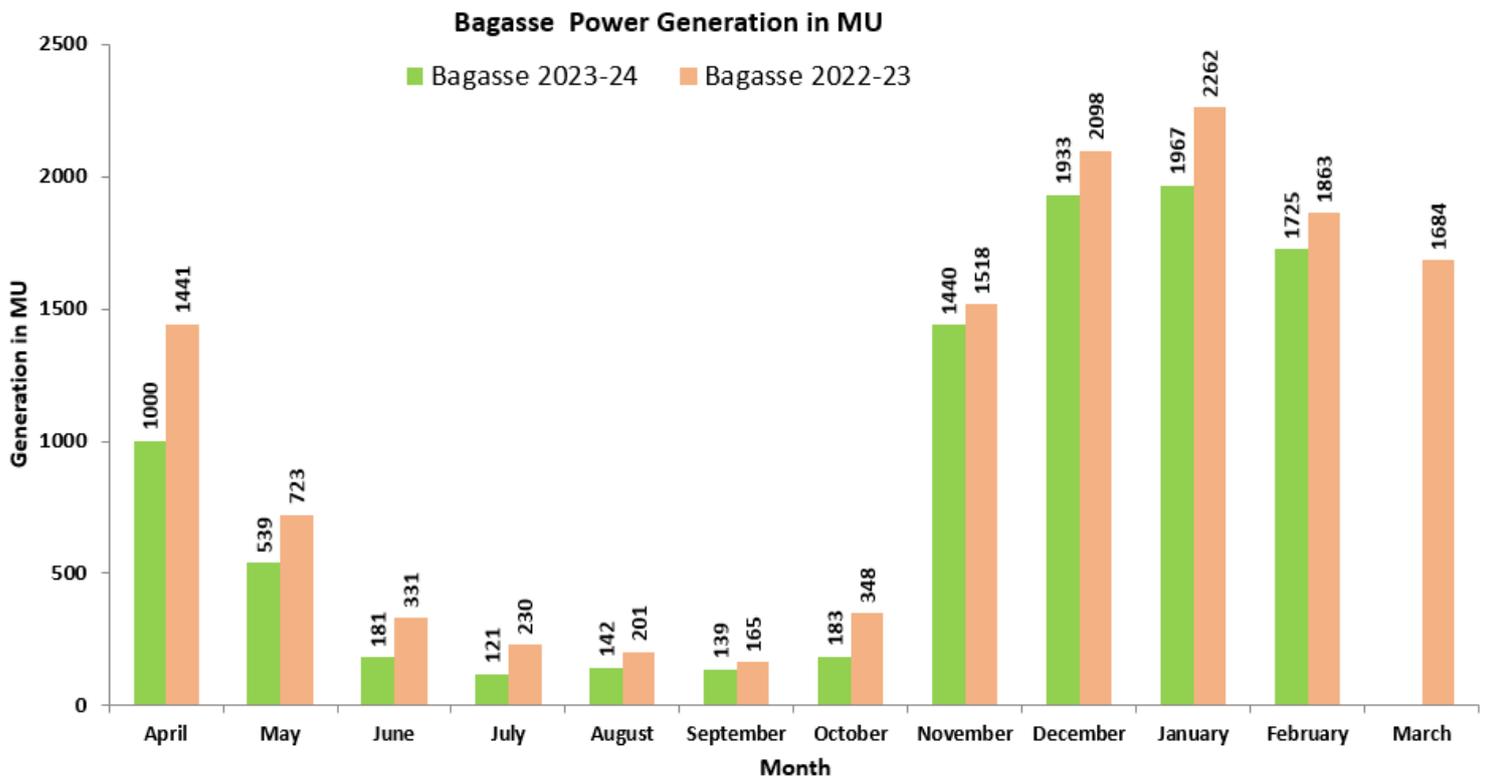


Figure 20: Month Wise Bagasse Power Generation for the year 2022-23 and year 2023-24.

Small Hydro Power Generation in MU

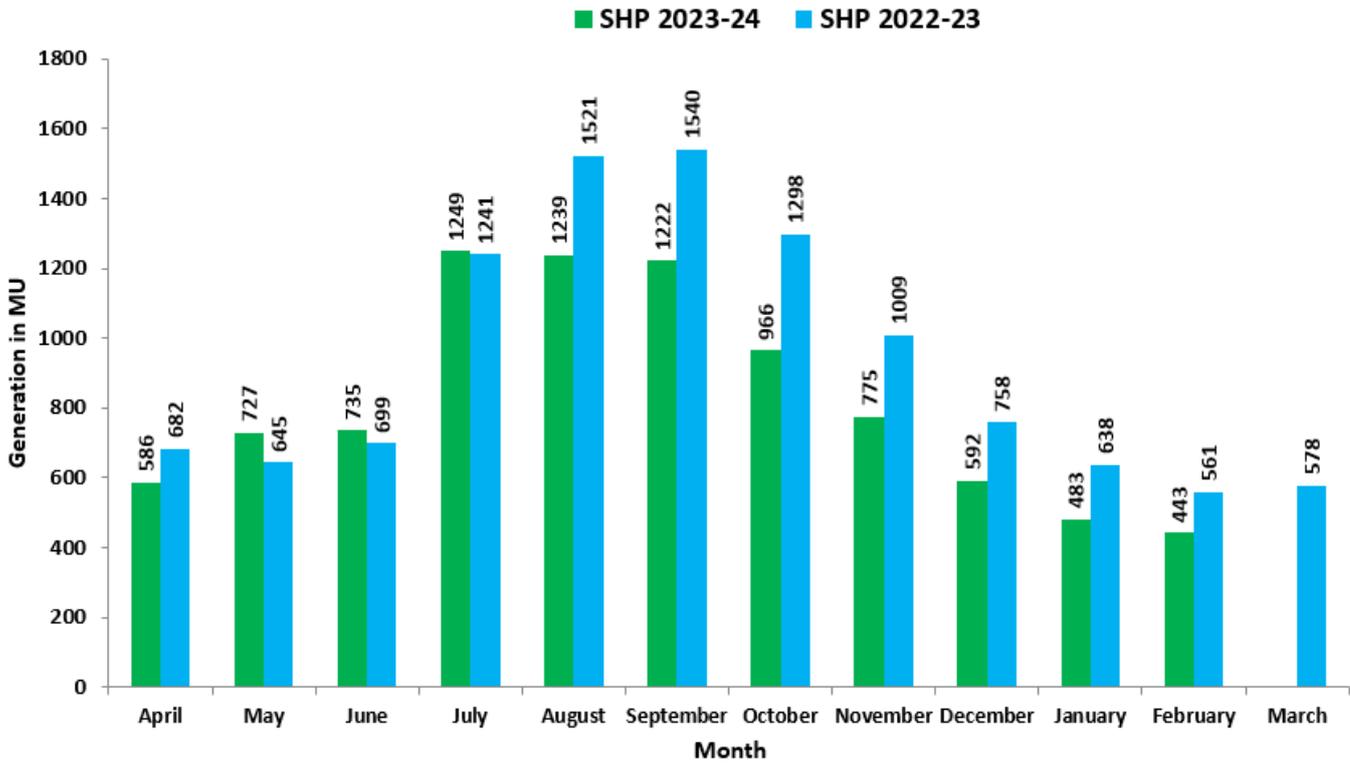


Figure 21: Month Wise Small Hydro Power Generation for the year 2022-23 and year 2023-24.

Large Hydro Power Generation MU

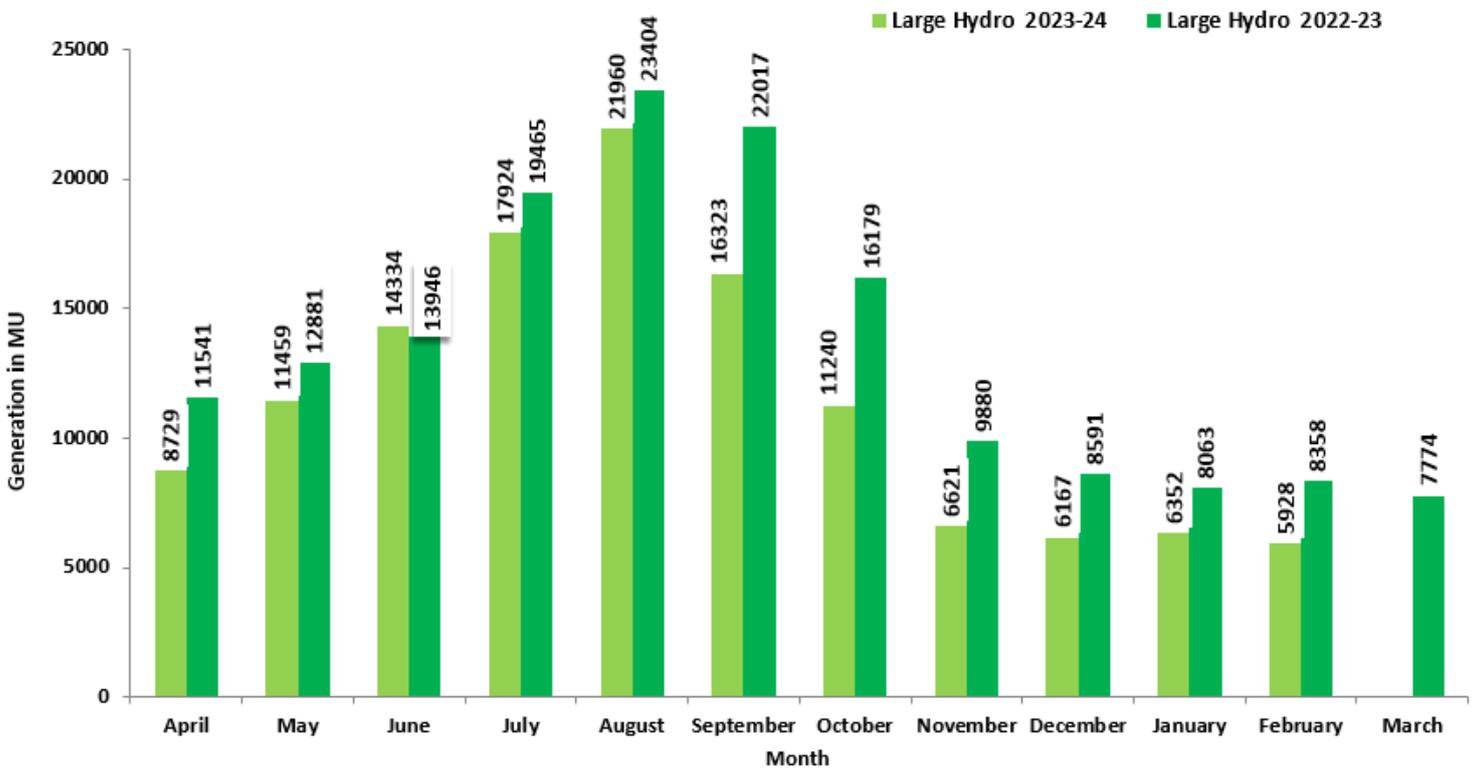


Figure 22: Month Wise Large Hydro Power Generation for the year 2022-23 and year 2023-24.

Power Generation from other RE sources in MU

■ Other 2023-24 ■ Other 2022-23

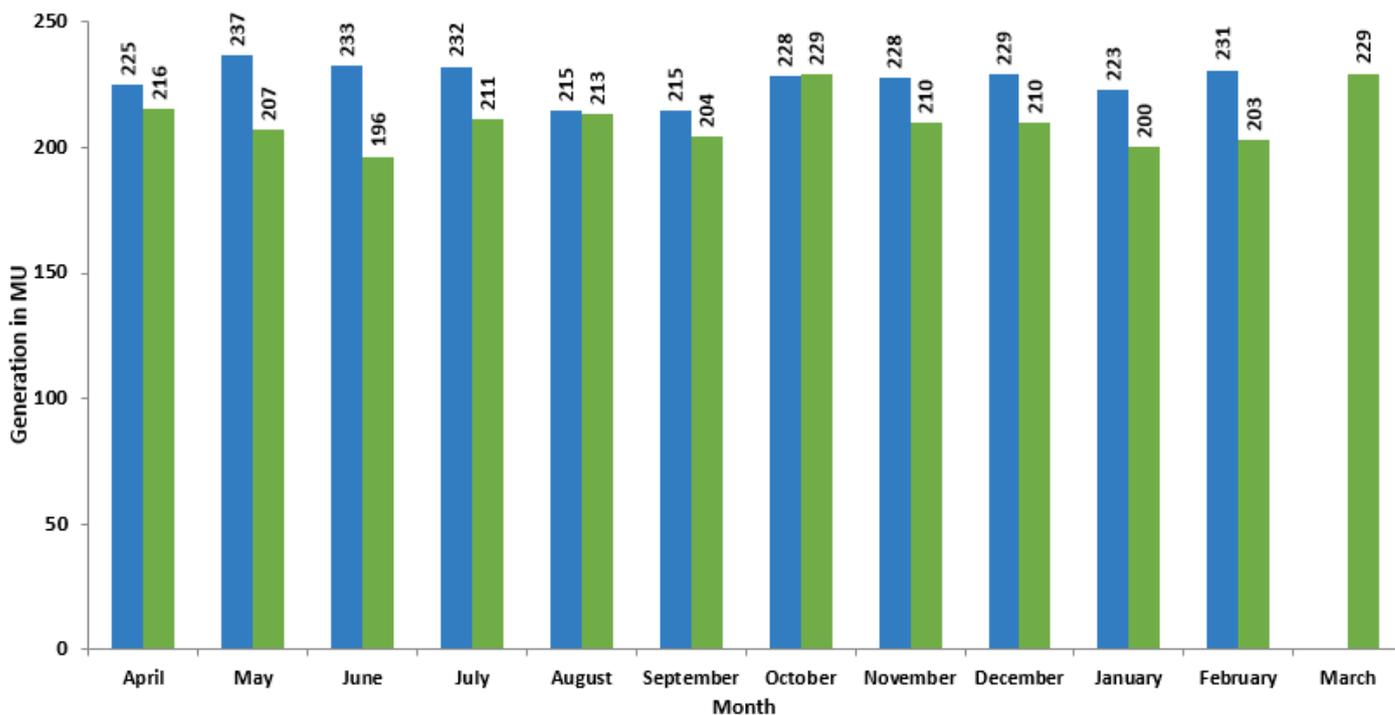


Figure 23: Month Wise Other RE (Waste Heat etc.) Power for the year 2022-23 and year 2023-24.

Year wise Generation of RE in MU

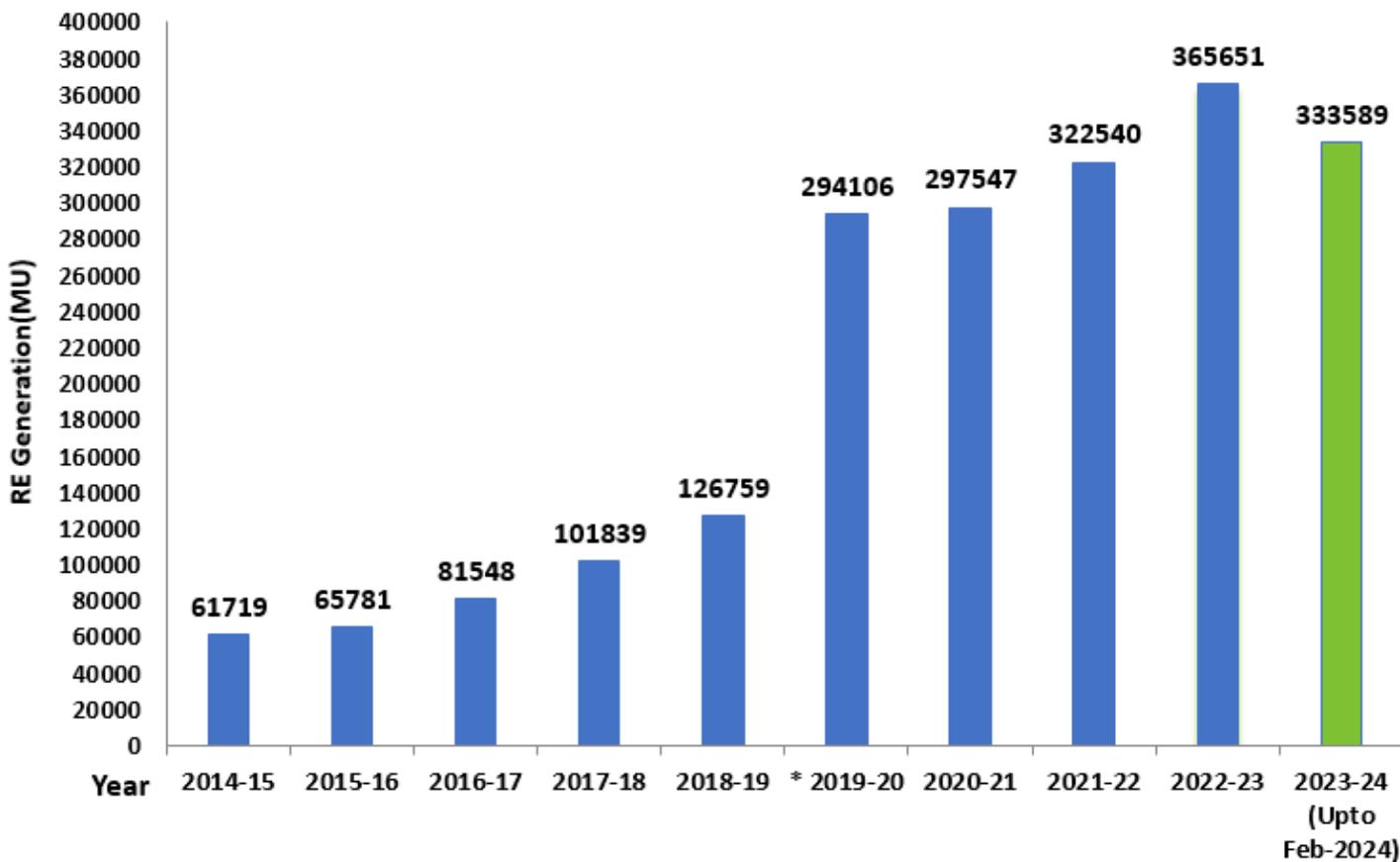


Figure 24: Year Wise RE Generation

(*) Note:- As per Ministry of Power’s Order dated 8th March, 2019 large hydro power project (above 25MW) are also being considered as Renewable Energy Source.

All India Wind & Solar Power Daily Generation Report (February,2024)

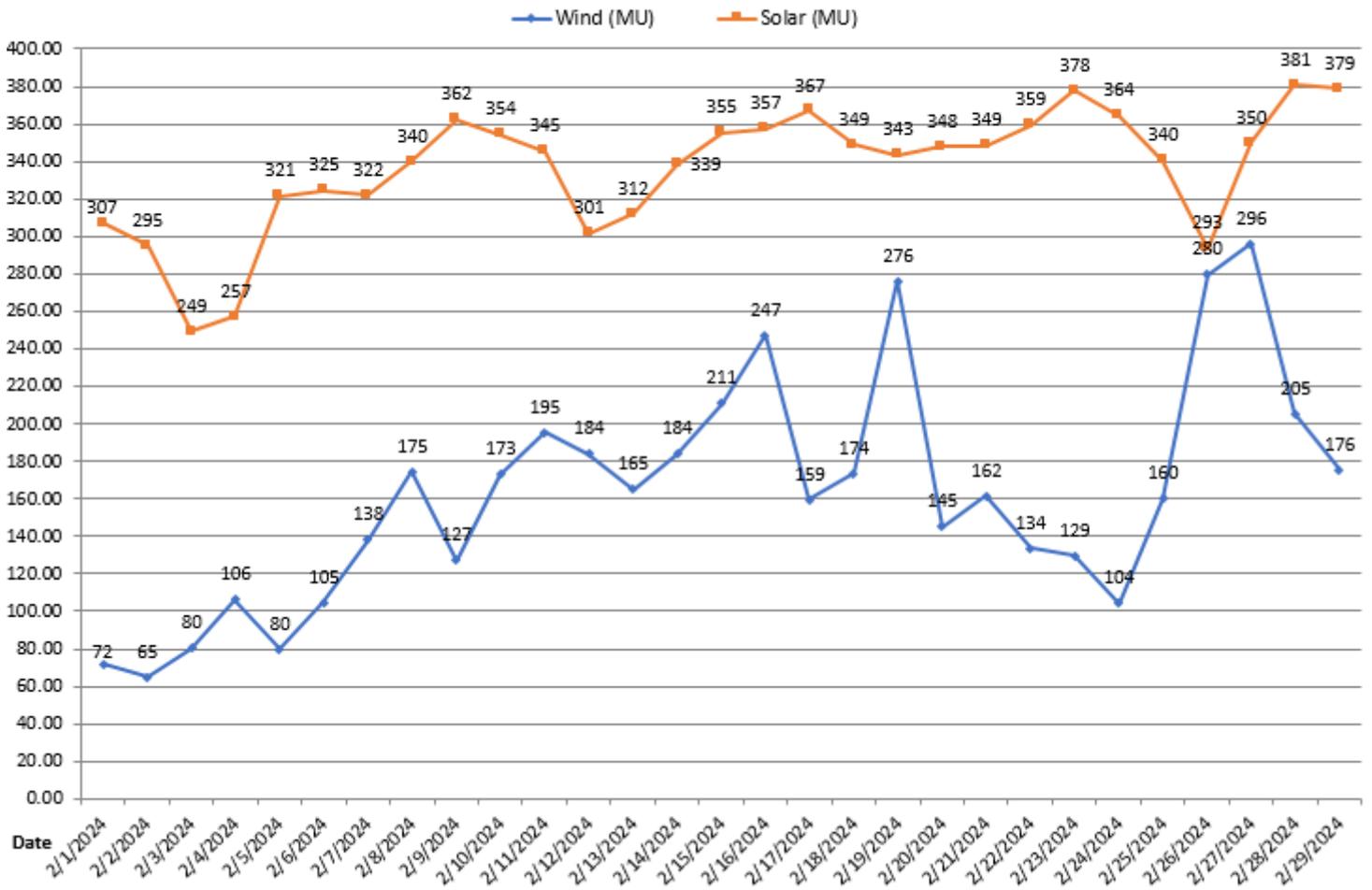


Figure 25: Daily solar and wind power generation trend in the month of February -2024

Summary of All India Total Renewable Energy Generation

Table 1 All India Summary of Renewable Energy Generation

Category	Installed Capacity (MW) (as on 29.02.2024)	Monitored Capacity (MW) (as on 29.02.2024) for which generation data is available	RE Generation(MU) February'2024	RE Generation(MU) February'2023	% of same Month Last Year	RE Generation (MU) April'2023- February'2024	RE Generation (MU) April'2022- February'2023	% of same period Last Year
पवन/Wind	45153.67	45100.00	4907.58	3126.99	156.94	78807.28	67673.09	116.45
सौर/Solar	75575.81	65011.22(*)	10421.22	9555.41	109.06	103749.27	91769.91	113.05
बायोमास/Biomass	10261.81	9564.47	271.07	290.22	93.40	3112.04	2873.39	108.31
बगास/Bagasse			1725.32	1862.92	92.61	9369.88	11179.51	83.81
लघु जल विद्युत्/Small Hydro	4994.75	4207.32	442.67	560.81	78.93	9016.82	10591.79	85.13
बृहत् जल विद्युत्/ Large Hydro(\$)	46928.17	46928.17	5928.16	8358.46	70.92	127038.22	154325.22	82.32
अन्य/Others	584.05	790.16	230.77	203.01	113.68	2495.13	2299.77	108.49
कुल/Total	183498.26	171601.34	23926.80	23957.82	99.87	333588.64	340712.68	97.91

(*) Solar Installed capacity including 3 GW rooftop solar.

(\$) Large Hydro Generation data excludes import from Bhutan. However, the import from Bhutan during February 2024 and April 23 - February 24 are 9.90 MUs and 4697.80 MU respectively.

Table 2: Renewable Energy Generation (Wind and Solar) by ISGS Stations for the Month of February 2024.

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	Solar	0.73
Dadri Solar	Uttar Pradesh	Central	Solar	0.49
Singrauli Solar	Uttar Pradesh	Central	Solar	1.10
Auraiya	Uttar Pradesh	Central	Solar	4.82
Kolayat	Rajasthan	Central	Solar	80.46
Nokhra	Rajasthan	Central	Solar	56.07
Devikot	Rajasthan	Central	Solar	47.23
ABC Renewable Energy	Rajasthan	Private	Solar	59.95
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar	46.76
Acme Heergharh Powertech Pvt Ltd	Rajasthan	Private	Solar	57.65
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	134.08
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Solar	71.87
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	60.19
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	64.65
ADANI SEJ2PL M	Rajasthan	Private	Solar	27.12
ADANI SEJ2PL P	Rajasthan	Private	Solar	28.57
AEGSPL	Rajasthan	Private	Solar	17.03
ALTRA XERGI	Rajasthan	Private	Solar	66.06
AMPLUS_AGES	Rajasthan	Private	Solar	17.79
Adani Renewable Energy RJ Limited (RERJL)	Rajasthan	Private	Solar	37.94
Adani Jaisalmer One SEPL Solar	Rajasthan	Private	Solar	81.52
Adani SB Energy Four Pvt. Ltd.(SE4PL(Kilaj Solar))	Rajasthan	Private	Solar	9.29
M/S Adani Solar Energy Four PVT. LTD.L(Adani SEJ5PL)	Rajasthan	Private	Solar	36.97
Adani SB Energy Four Pvt. Ltd. (SERJ1PL)	Rajasthan	Private	Solar	58.14
Avaada Sunrays Energy Private Limited	Rajasthan	Private	Solar	62.35
Avaada RJHN Private Limited	Rajasthan	Private	Solar	43.36
Avaada Sunce Energy Private Limited	Rajasthan	Private	Solar	62.86
Avaada Sustainable RJ Project Private Ltd.	Rajasthan	Private	Solar	55.86
Ayana Renewable Power One Private Limited	Rajasthan	Private	Solar	58.08
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	56.46
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	113.19
Azure Power India Pvt Ltd	Rajasthan	Private	Solar	31.52

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Azure Power Maple Pvt Ltd	Rajasthan	Private	Solar	41.23
Azure Power Thirty Four Private Ltd	Rajasthan	Private	Solar	23.70
Clean Solar Power (Jodhpur) Pvt Ltd	Rajasthan	Private	Solar	47.82
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	Solar	58.10
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	60.46
GRIAN ENERGY	Rajasthan	Private	Solar	17.84
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	Solar	9.80
RENEW_SP	Rajasthan	Private	Solar	30.74
MEGA SOILS RENEWABLE PRIVATE LIMITED	Rajasthan	Private	Solar	48.11
Mega Surya Urja Pvt. Ltd	Rajasthan	Private	Solar	44.77
M/S. ONEVOLT Energy Private Limited	Rajasthan	Private	Solar	17.22
Nindan Solar Fatehgar	Rajasthan	Private	Solar	59.08
RSVPL	Rajasthan	Private	Solar	16.35
Renew Solar Energy (Jharkhand Three) Pvt Ltd	Rajasthan	Private	Solar	57.65
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	9.59
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar	46.10
Renew Solar Urja Pvt Ltd	Rajasthan	Private	Solar	57.07
Renew Sun Bright Pvt Ltd	Rajasthan	Private	Solar	57.40
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	57.86
Renew Surya Ravi Pvt Ltd	Rajasthan	Private	Solar	52.31
Rising Sun Energy	Rajasthan	Private	Solar	32.86
Renew Surya Roshni	Rajasthan	Private	Solar	4.39
Renew Surya Ayaan	Rajasthan	Private	Solar	26.13
Tata Power Green Energy Limited	Rajasthan	Private	Solar	39.02
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	56.37
Tata Power Saurya 1	Rajasthan	Private	Solar	18.31
Thar Surya1 Private Limited	Rajasthan	Private	Solar	56.26
Transition Clean	Rajasthan	Private	Solar	8.82
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	91.29
Adani Hybrid Energy Jaisalmer One Limited	Rajasthan	Private	Wind	21.56
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	18.88
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	15.55
Adani Jaisalmer One SEPL Wind	Rajasthan	Private	Wind	23.22
Northern Region				2776.01
Acme_RUMS	Madhya Pradesh	Private	Solar	39.66
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	40.30
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	39.18

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Masaya BWSRA_KNDW	Madhya Pradesh	Private	Solar	42.43
Sherisha Raipur	Chhattisgarh	Private	Solar	7.37
Solapur Solar	Maharashtra	Central	Solar	1.53
AREH4L_PSS1	Gujarat	Private	Solar	90.51
Electro Solaire Private Limited (ESPL RSP Solar)	Gujarat	Private	Solar	36.75
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Gujarat	Private	Solar	18.52
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Gujarat	Private	Solar	18.12
Powerica Wind	Gujarat	Private	Solar	8.99
NTPC Kawas	Gujarat	Central	Solar	9.50
Gandhar_Solar	Gujarat	Private	Solar	3.65
GSECL RSP	Gujarat	Private	Solar	12.34
RPL_SECI-II	Gujarat	Private	Solar	45.24
AWEK1L WIND (RATADIYA)	Gujarat	Private	Wind	81.06
Adani Wind Energy Kutchh Four Limited (AWEK4L)	Gujarat	Private	Wind	53.83
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Gujarat	Private	Wind	77.26
Alfnar Wind (Nanavalka)	Gujarat	Private	Wind	43.84
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Gujarat	Private	Wind	45.93
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Gujarat	Private	Wind	49.05
GSECL_PH2	Gujarat	Private	Wind	13.62
Ostro Kutch Wind Private Limited (OKWPL)	Gujarat	Private	Wind	59.08
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Gujarat	Private	Wind	65.38
Avikiran Solar India Private Limited (ASIPL), Baranda	Gujarat	Private	Wind	32.41
Apraava Khkrda Jam	Gujarat	Private	Wind	34.67
IGESL Dayapar	Gujarat	Private	Wind	37.25
Netra Kotda	Gujarat	Private	Wind	21.45
NTPC REL Dayapur	Gujarat	Private	Wind	
Torrent Sidpur Jam	Gujarat	Private	Wind	26.64
SITAC	Gujarat	Private	Wind	52.37
SRIJAN	Gujarat	Private	Wind	17.52
Western Region				1125.45

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	40.79
GRTJIPL	Tamil Nadu	Private	Solar	26.65
Mytra	Tamil Nadu	Private	Wind	30.82
Orange	Tamil Nadu	Private	Wind	33.71
Green Infra	Tamil Nadu	Private	Wind	46.79
Hiriyur Ostro	Tamil Nadu	Private	Wind	51.52
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	27.14
JSW Renew Energy Two Limited (Tuticorin)	Tamil Nadu	Private	Wind	60.61
JSW Savlaperi	Tamil Nadu	Private	Wind	11.39
Ettayapuram	Tamil Nadu	Central	Solar	42.55
Roshini Renew, Koppal	Karnataka	Private	Wind	29.30
KOPPAL AYANASIX	Karnataka	Private	Wind	10.82
Ramagundam Floating Solar	Telangana	Central	Solar	16.32
Simhadri Floating Solar	Andhra Pradesh	Central	Solar	27.14
Southern Region				455.55
All India Total				4357.01

Source: - 1.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 (Excluding Large Hydro) by CPSU Owned stations

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) February 2024	RE Generation (MU) February 2023	RE Generation (MU) April 2023-February 2024	RE Generation (MU) April 2022-February 2023
NTPC							
Faridabad_Solar	Haryana	5	Solar	0.45	0.58	5.36	5.62
Bhadla	Rajasthan	260	Solar	33.49	36.18	377.27	393.51
Jetsar	Rajasthan	160	Solar	29.48	28.77	308.32	312.14
Fatehgarh	Rajasthan	296	Solar	59.08	60.65	673.50	620.82
Devikot	Rajasthan	240	Solar	47.23	13.22	514.42	96.00
Nokhra	Rajasthan	300	Solar	56.07	4.11	618.51	53.44
Dadri_Solar	Uttar Pradesh	5	Solar	0.49	0.55	5.22	5.47
Unchahar_Solar	Uttar Pradesh	10	Solar	0.73	1.27	11.46	12.42
Singrauli_Solar	Uttar Pradesh	15	Solar	1.10	2.00	17.60	18.69
Auraiya	Uttar Pradesh	40	Solar	4.82	6.33	59.12	45.91
Small Hydro Vindhyachal	Uttar Pradesh	8	Small Hydro	2.91	2.70	34.77	28.01
Ayodhya	Uttar Pradesh	14	Solar	0.67	0.00	0.67	0.00
Chattargarh	Rajasthan	70	Solar	1.70	0.00	1.70	0.00
Rojmal	Gujarat	50	Wind	7.50	6.34	93.83	96.34
Dayapar	Gujarat	50	Wind	4.64	0.00	13.62	0.00
Rajgarh_Solar	Madhya Pradesh	50	Solar	6.26	7.00	61.51	67.20
Mandsaur	Madhya Pradesh	250	Solar	29.35	37.52	320.37	346.79
Solapur	Maharashtra	10	Solar	1.47	1.16	15.50	2.10
Anantapuram	Andhra Pradesh	250	Solar	40.12	36.56	345.61	341.36
Ramagundam	Telangana	110	Solar	16.63	19.02	181.79	157.53
Andaman & Nicobar	Andaman & Nicobar	5	Solar	0.64	0.44	5.27	4.80
Talchar_Solar	Orissa	10	Solar	1.08	1.21	11.07	12.41
Solar_Bilhaur	Uttar Pradesh	225	Solar	37.98	42.44	394.96	434.15
Simhadri Floating Project	Andhra Pradesh	25	Solar	4.12	4.09	45.85	41.39
Kayamkulam	Kerala	92	Solar	19.25	17.94	193.74	150.35
Kawas	Gujarat	56	Solar	9.46	10.10	81.25	65.18
Gandhar	Gujarat	20	Solar	3.78	2.53	31.19	10.33
Shambu ki Burj-I	Rajasthan	250	Solar	49.66	43.78	551.77	324.07

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) February 2024	RE Generation (MU) February 2023	RE Generation (MU) April 2023-February 2024	RE Generation (MU) April 2022-February 2023
Shambu ki Burj-II	Rajasthan	150	Solar	30.93	24.21	347.52	122.61
Ettayapuram	Tamil Nadu	230	Solar	44.53	16.67	444.11	96.68
Total NTPC		3256		545.62	427.37	5766.88	3865.32
THDC							
Patan Wind Power Project	Gujarat	50.00	Wind	6.03	3.08	70.03	73.13
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	10.46	7.24	129.93	132.78
Solar Kasaragod	Kerala	50.00	Solar	9.34	9.06	87.65	84.27
Rishikesh office Premises	Uttarakhand	0.50	Solar	0.04	0.04	0.45	0.45
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	10.43	8.62	71.10	78.54
Total THDC		187.50		36.30	28.04	359.16	369.17
NHPC							
Wind Power Project	Rajasthan	50.00	Wind	4.34	3.71	57.24	72.61
Solar Power Project	Tamilnadu	50.00	Solar	7.84	8.06	66.22	81.65
Total NHPC		100.00		12.18	11.76	123.45	154.26
ONGC							
Bhuj	Gujarat	51.00	Wind	2.87	1.71	21.42	70.15
Jaisalmer	Rajasthan	102.00	Wind	7.42	5.86	95.42	124.60
Assam	Assam	1.66	Roof Top	0.11	0.14	0.52	1.53
Assam	Assam	1.09	Ground Mounted	0.12	0.09	1.96	1.33
Tripura	Tripura	0.25	Roof Top	0.02	0.02	0.77	0.25
Rajahmundry,Base Complex	Andhra Pradesh	1.00	Ground Mounted	0.10	0.10	1.11	0.94
Tati Paka, Rajahmundry	Andhra Pradesh	5.00	Ground Mounted	0.65	0.56	4.59	5.99
Cauvery	Tamil Nadu	0.46	Ground Mounted	0.03	0.01	0.22	0.06
Vagara, Ankleshwar	Gujarat	5.00	Ground Mounted	0.83	0.91	6.53	8.38
Gujarat	Gujarat	4.23	Roof Top	0.41	0.45	1.66	4.71
Jodhpur	Rajasthan	0.16	Ground Mounted	0.02	0.00	0.21	0.00

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) February 2024	RE Generation (MU) February 2023	RE Generation (MU) April 2023-February 2024	RE Generation (MU) April 2022-February 2023
Jaisalmer	Rajasthan	0.16	Ground Mounted	0.02	0.00	0.17	0.00
Uttarakhand	Uttarakhand	1.24	Roof Top	0.10	0.13	0.29	1.33
Goa	Goa	1.00	Ground Mounted	0.00	0.14	0.26	1.22
Hazira	Gujarat	10.00	Ground Mounted	1.36	1.43	3.79	13.31
Hazira	Gujarat	5.00	Ground Mounted	0.84	0.16	2.39	0.26
Mumbai (Uran & NBP Green Heights)	Maharashtra	0.29	Roof Top	0.03	0.00	0.21	0.03
DDU, Bhawan, Delhi	Delhi	0.30	Roof Top	0.03	0.03	0.10	0.28
ONGC Colony Noida	Uttar Pradesh	0.06	Roof Top	0.05	0.01	0.06	0.01
EOA Logistics Park, Kakinada	Andhra Pradesh	1.00	Roof Top	0.07	0.00	0.46	0.00
Cambay	Gujarat	2.00	Ground Mounted SPP	0.35	0.01	0.22	0.07
Total ONGC		192.89		15.43	11.75	142.36	234.47
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	1.05	0.85	46.92	49.10
Sadla Wind Power	Gujarat	50.00	Wind	6.27	4.81	95.16	86.82
Charanka Solar Power	Gujarat	5.60	Solar	0.80	0.88	7.89	7.88
Wadhal Solar Power Project	Himachal Pradesh	1.00	Solar	0.09	0.10	0.94	1.20
Gurhah	Uttar Pradesh	75.00	Solar	12.39	0.00	19.33	0.00
Gujari		50.00	Solar	0.45	0.00	0.45	0.00
Parasan Solar Power	Uttar Pradesh	75.00	Solar	12.84	14.04	135.38	35.74
Total SJVN		304.20		33.89	20.67	306.07	180.75
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	1.94	1.96	21.65	22.44
Oil India Ltd	Rajasthan	67.60	Wind	5.14	3.63	55.41	76.57
Oil India Ltd	Gujarat	43.30	Wind	7.43	5.41	102.43	88.71

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) February 2024	RE Generation (MU) February 2023	RE Generation (MU) April 2023-February 2024	RE Generation (MU) April 2022-February 2023
Oil India Ltd	Madhya Pradesh	63.20	Wind	9.73	3.49	92.90	92.27
Total Oil India Ltd		188.10		24.24	14.49	272.39	279.99
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.53	0.54	5.63	5.53
NEEPCO	Assam	25.00	Small Hydro	0.00	0.00	124.46	0.00
NEEPCO Total		30.00		0.53	0.54	130.09	5.53
DVC							
DVC	West Bengal	0.08	Solar	0.01	0.01	0.06	0.07
DVC	Jharkhand	4.00	Small Hydro	0.06	1.09	5.52	2.39
Total DVC		4.08		0.07	1.10	5.58	2.47
All India Total		4262.79		668.24	515.73	7105.99	5091.95

Note: 1.Generation of CPSU owned RE generating stations is included in respective State in Renewable Energy Generation Sheet according to physical location so their generation should not be considered additional generation.

Table 4:- RE Deviation Data for ISGS

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of February 2024					
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Northern Region					
ABC RENEWABLE ENERGY	Solar	59.26	59.95	0.69	1.16
ACME HEERGARH POWERT	Solar	55.09	57.65	2.56	4.65
ACSEPL_BHADLA	Solar	45.30	46.76	1.46	3.22
ADANI HYBRID	Solar	96.04	93.43	-2.61	-2.72
ADANI HYBRID FOUR	Solar	226.92	225.37	-1.55	-0.68
ADANI HYBRID THREE	Solar	81.70	79.07	-2.63	-3.22
ADANI HYBRID TWO	Solar	80.91	80.20	-0.71	-0.88
Adani RERJL	Solar	37.84	37.94	0.10	0.26
Adani SE Jaisalmer One	Solar	108.96	104.74	-4.22	-3.87
ADANI SE JODHPUR 2 L	Solar	9.82	9.80	-0.02	-0.20
ADANI SE4L	Solar	9.21	9.29	0.08	0.87
ADANI SEJ2PL M	Solar	27.36	27.12	-0.24	-0.88
ADANI SEJ2PL P	Solar	27.67	28.57	0.90	3.25
ADANI SEJ5PL	Solar	36.10	36.97	0.87	2.41
ADANI SERJ1PL	Solar	58.83	58.14	-0.69	-1.17
ADEPT RENEWABLE	Solar	11.27	11.52	0.25	2.22
AEGSPL	Solar	17.74	17.03	-0.71	-4.00
ALTRA XERGI	Solar	64.73	66.06	1.33	2.05
AMPLUS_AGES	Solar	17.83	17.79	-0.04	-0.22
ASERJ2PL	Solar	10.82	10.25	-0.57	-5.27
AURAIYA SOLAR	Solar	4.98	5.06	0.08	1.61
AVAADA RJHN	Solar	44.28	43.36	-0.92	-2.08
AVAADA SUNCE	Solar	64.48	62.86	-1.62	-2.51
AVAADA SUNRAYS	Solar	63.05	62.35	-0.70	-1.11
AVAADA SUSTAINABLE	Solar	56.46	55.86	-0.60	-1.06

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of February 2024

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
AYANA RENEWABLE ONE	Solar	55.53	58.08	2.55	4.59
AZURE FORTY ONE	Solar	54.12	56.46	2.34	4.32
AZURE FORTY THREE	Solar	111.58	113.19	1.61	1.44
AZURE POWER MAPLE	Solar	40.45	41.23	0.78	1.93
AZURE POWER THIRTY F	Solar	23.67	23.70	0.03	0.13
AZURE SOLAR	Solar	31.70	31.52	-0.18	-0.57
CLEAN SOLAR POWER	Solar	47.02	47.82	0.80	1.70
CSP_BHADLA	Solar	58.85	58.10	-0.75	-1.27
DADRI SOLAR	Solar	0.54	0.49	-0.05	-9.26
DEVIKOT SOLAR	Solar	45.10	46.64	1.54	3.41
EDEN RENEWABLE	Solar	58.43	60.46	2.03	3.47
GRIAN ENERGY	Solar	17.62	17.84	0.22	1.25
KOLYAT SOLAR BIKANER	Solar	75.57	80.46	4.89	6.47
MEGA SURYAURJA	Solar	42.76	44.77	2.01	4.70
MSRPL_BHDL	Solar	46.94	48.11	1.17	2.49
NIDAN SOLAR FATEHGAR	Solar	55.98	58.65	2.67	4.77
NOKHRA SOLAR	Solar	54.13	55.56	1.43	2.64
ONEVOLT	Solar	17.57	17.22	-0.35	-1.99
RENEW JHARKHAND	Solar	56.54	57.65	1.11	1.96
RENEW SOLAR	Solar	9.39	9.59	0.20	2.13
RENEW SOLAR URJA	Solar	53.88	57.07	3.19	5.92
RENEW SUN BRIGHT	Solar	54.80	57.40	2.60	4.74
RENEW SUN WAVES	Solar	56.24	57.86	1.62	2.88
RENEW SURYA RAVI	Solar	48.89	52.31	3.42	7.00
RENEW SURYA ROSHNI	Solar	1.52	4.39	2.87	188.82
RENEW_SP	Solar	30.04	30.74	0.70	2.33
RENEW SURYA AYAAN	Solar	18.87	26.13	7.26	38.47
RISING SUN ENERGY	Solar	32.05	32.86	0.81	2.53
RSPPL_BKN	Solar	44.68	46.10	1.42	3.18

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of February 2024

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
RSVPL	Solar	15.50	16.35	0.85	5.48
SINGRAULI SOLAR	Solar	1.68	1.60	-0.08	-4.76
TATA POWER GREEN ENERGY	Solar	38.36	39.02	0.66	1.72
TATA SOLAR	Solar	56.36	56.37	0.01	0.02
THAR SURYA 1	Solar	55.04	56.26	1.22	2.22
TP SAURYA	Solar	18.08	18.31	0.23	1.27
TRANSITION CLEAN	Solar	5.27	8.82	3.55	67.36
UNCHA HAR SOLAR	Solar	0.70	0.84	0.14	20.00
Total		2752.10	2797.11		
Western Region					
AREH4L_PSS1_KPS1_S	Solar	94.48	90.51	-3.97	-4.20
Arinsun Solar (Barsaitadesh)	Solar	40.19	40.30	0.11	0.27
Mahindra Solar (Badwar)	Solar	39.36	39.18	-0.18	-0.46
Masaya BWSPRA_KNDW	Solar	43.32	42.43	-0.89	-2.05
Sherisha Raipur	Solar	7.61	7.37	-0.24	-3.15
Solapur Solar	Solar	1.54	1.53	-0.01	-0.65
Electro Solaire Private Limited (ESPL RSP Solar)	Solar	37.14	36.75	-0.39	-1.05
Tata Power Renewable Energy Limited (TPREL RSP Solar)	Solar	18.89	18.52	-0.37	-1.96
Gujarat Industries Power Company Limited (GIPCL RSP Solar)	Solar	18.24	18.12	-0.12	-0.66
Powerica Wind	Solar	10.27	8.99	-1.28	-12.46
NTPC Kawas	Solar	9.77	9.50	-0.27	-2.76
GSECL RSP	Solar	11.23	12.34	1.11	9.88
RPL_SECI-II	Solar	55.40	45.24	-10.16	-18.34
Gandhar_Solar	Solar	3.71	3.65	-0.06	-1.62
SITAC_CHUGGER_BHJ2_W	Solar	60.84	52.37	-8.47	-13.92
SRIJAN_MORJAR_BHJ2_W	Solar	22.48	17.52	-4.96	-22.06
AWEK1L	Wind	99.00	81.06	-17.94	-18.12
Adani Wind Energy Kutclh Four Limited (AWEK4L)	Wind	59.17	53.83	-5.34	-9.02

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of February 2024

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
Adani Wind Energy MP One Private Limited (AWEMP1PL)	Wind	83.58	77.26	-6.32	-7.56
Alfnar Wind (Nanavalka)	Wind	54.36	43.84	-10.52	-19.35
Green Infra Wind Energy Limited SECI-II (Giwel-II Wind (Vadva))	Wind	53.90	45.93	-7.97	-14.79
Green Infra Wind Energy Limited SECI-III (Giwel-III Wind (Naranpar))	Wind	58.42	49.05	-9.37	-16.04
GSECL_ph2_RSP_S	Wind	12.46	13.62	1.16	9.31
Ostro Kutch Wind Private Limited (OKWPL)	Wind	71.05	59.08	-11.97	-16.85
Renew Wind Energy (AP2) Private Limited (Ghadsisa)	Wind	76.16	65.38	-10.78	-14.15
Avikiran Solar India Private Limited (ASIPL), Baranda	Wind	35.62	32.41	-3.21	-9.01
Apraava Khkrda Jam	Wind	35.91	34.67	-1.24	-3.45
IGESL Dayapar	Wind	48.59	37.25	-11.34	-23.34
Netra Kotda	Wind	24.26	21.45	-2.81	-11.58
Torrent Sidpur Jam	Wind	28.84	26.64	-2.20	-7.63
Athena_RUMS	Wind	39.71	39.66	-0.05	-0.13
Total		1255.50	1125.45		
Southern Region					
Beetam(Tuticorin)	Wind	46.41	40.79	-5.62	-12.11
GIREL	Wind	52.84	46.97	-5.87	-11.11
Mytra	Wind	38.26	30.82	-7.44	-19.45
Orange	Wind	37.23	33.71	-3.52	-9.45
Sprng Renewable Energy Pvt Ltd(Pugalur)	Wind	39.24	27.14	-12.10	-30.84
GRTJIPL	Wind	27.13	26.65	-0.48	-1.77
JSW Renew Energy Two Limited (Tuticorin)	Wind	64.13	60.61	-3.52	-5.49
Ostro Hiriyur	Wind	62.25	51.52	-10.73	-17.24
NTPC-Ettayapuram,(Solar PV), Tuticorin	Solar	42.33	42.55	0.22	0.52
JSW Savlaperi	Wind	12.38	11.39	-0.99	-8.00
Roshini Renew, Koppal	Wind	12.73	10.82	-1.91	-15.00

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of February 2024

Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.	% Deviation of Schedule
KOPPAL_AYANASIX_W	Wind	37.83	29.30	-8.53	-22.55
Ramagundam Floating Solar	Solar	16.26	16.32	0.06	0.36
Simhadri Floating Solar	Solar	3.58	4.17	0.59	16.48
Total		492.60	432.76		

Source:- Deviation data for ISGS Projects is prepared from block wise data received from RPCs

Table 5:-Fossil and Non-Fossil Generation for the Month of February 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of February 2024								
State/UT	Fossil =((1)+(2))		Non Fossil =((3)+(4)+(5))			Total Non-Fossil (6)=((3)+((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	0.63	0.63	0.63	100.00
Delhi	0.00	278.36	0.00	0.00	63.64	63.64	342.00	18.61
Haryana	1972.84	0.00	0.00	0.00	146.51	146.51	2119.35	6.91
HP	0.00	0.00	0.00	1214.49	58.22	1272.71	1272.71	100.00
J & K	0.00	0.00	0.00	511.40	15.03	526.43	526.43	100.00
Ladakh	0.00	0.00	0.00	12.11	0.00	12.11	12.11	100.00
Punjab	2428.35	0.00	0.00	256.51	214.09	470.60	2898.95	16.23
Rajasthan	5245.12	37.81	614.97	137.38	3891.97	4644.32	9927.25	46.78
Uttar Pradesh	11281.97	10.16	310.92	67.52	843.16	1221.60	12513.73	9.76
Uttarakhand	0.00	45.30	0.00	633.39	77.81	711.20	756.50	94.01
Northern Region Total	20928.28	371.63	925.89	2832.80	5311.06	9069.75	30369.66	29.86
WESTERN REGION								
Chhattisgarh	13408.65	0.00	0.00	21.56	220.08	241.64	13650.29	1.77
Gujarat	6582.67	565.24	675.81	304.61	2979.06	3959.48	11107.39	35.65
Madhya Pradesh	11593.00	0.00	0.00	383.30	872.69	1255.99	12848.99	9.77
Maharashtra	11639.34	497.76	415.99	240.07	1625.43	2281.49	14418.59	15.82
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.63	2.63	2.63	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	43223.66	1063.00	1091.80	949.54	5705.33	7746.67	52033.33	14.89
SOUTHERN REGION								
Andhra Pradesh	5987.62	0.00	0.00	36.16	1352.60	1388.76	7376.38	18.83

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of February 2024

State/UT	Fossil =((1)+(2))		Non Fossil =((3)+(4)+(5))			Total Non-Fossil (6)=((3)+((4)+(5)))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Telangana	4891.79	0.00	0.00	45.79	692.54	738.33	5630.12	13.11
Karnataka	3950.43	0.00	636.31	580.40	2451.73	3668.44	7618.87	48.15
Kerala	0.00	0.00	0.00	402.37	162.71	565.08	565.08	100.00
Tamil Nadu	6679.97	165.07	847.79	241.66	1972.88	3062.33	9907.37	30.91
Lakshadweep	5.30	0.00	0.00	0.00	0.01	0.01	5.31	0.14
Puducherry	0.00	14.28	0.00	0.00	1.02	1.02	15.30	6.67
Southern Region Total	21515.11	179.35	1484.10	1306.38	6633.49	9423.97	31118.43	30.28
EASTERN REGION								
Andaman Nicobar	27.46	0.00	0.00	0.00	3.84	3.84	31.30	12.27
Bihar	5183.23	0.00	0.00	0.00	40.61	40.61	5223.84	0.78
Jharkhand	3005.20	0.00	0.00	6.63	1.53	8.16	3013.36	0.27
Odisha	5508.65	0.00	0.00	431.14	98.09	529.23	6037.88	8.77
Sikkim	0.00	0.00	0.00	29.67	1.03	30.70	30.70	100.00
West Bengal	7259.40	0.00	0.00	146.24	160.18	306.42	7565.82	4.05
Eastern Region Total	20983.94	0.00	0.00	613.68	305.28	918.96	21902.90	4.20
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	149.86	0.14	150.00	150.00	100.00
Assam	288.82	265.82	0.00	20.03	26.17	46.20	600.84	7.69
Manipur	0.00	0.00	0.00	11.00	0.61	11.61	11.61	100.00
Meghalaya	0.00	0.00	0.00	30.06	4.98	35.04	35.04	100.00
Mizoram	0.00	0.00	0.00	11.74	8.26	20.00	20.00	100.00
Nagaland	0.00	0.00	0.00	3.07	2.80	5.87	5.87	100.00
Tripura	0.00	445.21	0.00	0.00	0.53	0.53	445.74	0.12
North Eastern Region Total	288.82	711.03	0.00	225.76	43.49	269.25	1269.10	21.22
All India Total	106939.81	2325.01	3501.79	5928.16	17998.64	27428.59	136693.41	20.07

Table 6:-Fossil and Non-Fossil Generation for the period of April 2023- February 2024

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2023 - February 2024								
State/UT	Fossil		Non Fossil			Total Non Fossil (6)=\$((3)+(4)+(5))	Grand Total (7)=\$((1)+(2)+(3) + (4)+(5))	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	11.07	11.07	11.07	100.00
Delhi	0.00	3545.15	0.00	0.00	664.24	664.24	4209.39	15.78
Haryana	26139.16	137.28	0.00	0.00	1494.80	1494.80	27771.24	5.38
HP	0.00	0.00	0.00	34725.25	2489.71	37214.96	37214.96	100.00
J & K	0.00	0.00	0.00	14778.34	375.66	15154.00	15154.00	100.00
Ladakh	0.00	0.00	0.00	373.48	0.00	373.48	373.48	100.00
Punjab	29908.96	0.00	0.00	4411.63	3850.05	8261.68	38170.64	21.64
Rajasthan	54851.05	1114.59	6453.87	888.31	42449.82	49792.00	105757.64	47.08
Uttar Pradesh	139688.23	1619.52	2547.03	815.57	6283.12	9645.72	150953.47	6.39
Uttarakhand	0.00	490.71	0.00	13208.48	855.91	14064.39	14555.10	96.63
Northern Region Total	250587.40	6907.25	9000.90	69201.06	58474.38	136676.34	394170.99	34.67
WESTERN REGION								
Chhattisgarh	148099.75	0.00	0.00	296.48	2236.94	2533.42	150633.17	1.68
Gujarat	69884.74	7287.75	6856.48	4334.63	35133.53	46324.64	123497.13	37.51
Madhya Pradesh	135588.10	0.00	0.00	6197.06	8520.66	14717.72	150305.82	9.79
Maharashtra	120803.55	3641.96	7331.91	4919.04	17039.45	29290.40	153735.91	19.05
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	25.88	25.88	25.88	100.00
Goa	0.00	0.00	0.00	0.00	62.51	62.51	62.51	100.00
Western Region Total	474376.14	10929.71	14188.39	15747.21	63018.97	92954.57	578260.42	16.07
SOUTHERN REGION								
Andhra Pradesh	64562.10	0.00	0.00	1282.61	16201.20	17483.81	82045.91	21.31
Telangana	51286.45	0.00	0.00	1215.84	6762.40	7978.24	59264.69	13.46
Karnataka	40126.80	0.00	6824.89	8328.51	28261.72	43415.12	83541.92	51.97
Kerala	0.00	0.00	0.00	4693.20	2025.19	6718.39	6718.39	100.00

Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Period of April 2023 - February 2024

State/UT	Fossil		Non Fossil			Total Non Fossil (6)=((3)+(4)+(5))	Grand Total (7)=((1)+(2)+(3) + (4)+(5))	Non Fossil as % of Total Generation
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Tamil Nadu	66035.86	1752.32	13903.29	3379.38	27923.21	45205.88	112994.06	40.01
Lakshadweep	58.50	0.00	0.00	0.00	0.08	0.08	58.58	0.14
Puducherry	0.00	207.76	0.00	0.00	11.22	11.22	218.98	5.12
Southern Region Total	222069.71	1960.08	20728.18	18899.54	81185.02	120812.74	344842.53	35.03
EASTERN REGION								
Andaman Nicobar	309.10	0.00	0.00	0.00	35.01	35.01	344.11	10.17
Bihar	53036.52	0.00	0.00	0.00	300.11	300.11	53336.63	0.56
Jharkhand	32517.22	0.00	0.00	191.14	18.91	210.05	32727.27	0.64
Odisha	59896.53	0.00	0.00	5773.24	1162.05	6935.29	66831.82	10.38
Sikkim	0.00	0.00	0.00	8569.18	11.34	8580.52	8580.52	100.00
West Bengal	81356.75	0.00	0.00	2684.78	1745.76	4430.54	85787.29	5.16
Eastern Region Total	227116.12	0.00	0.00	17218.34	3273.16	20491.50	247607.62	8.28
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	4051.43	2.42	4053.85	4053.85	100.00
Assam	4619.16	3086.60	0.00	578.40	350.78	929.18	8634.94	10.76
Manipur	0.00	0.00	0.00	284.87	8.24	293.11	293.11	100.00
Meghalaya	0.00	0.00	0.00	784.25	63.56	847.81	847.81	100.00
Mizoram	0.00	0.00	0.00	109.79	90.85	200.64	200.64	100.00
Nagaland	0.00	0.00	0.00	163.33	78.52	241.85	241.85	100.00
Tripura	0.00	5888.10	0.00	0.00	4.51	4.51	5892.61	0.08
North Eastern Region Total	4619.16	8974.70	0.00	5972.07	598.88	6570.95	20164.81	32.59
All India Total	1178768.53	28771.74	43917.47	127038.22	206550.43	377506.12	1585046.39	23.82

Table 7:- Renewable Energy as % of Total Electricity Generated

Renewable Energy (State Wise) Generation(MU) for the Month of February 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	0.63	0.63	0.63	100.00
Delhi	0.00	278.36	0.00	0.00	63.64	63.64	342.00	18.61
Haryana	1972.84	0.00	0.00	0.00	146.51	146.51	2119.35	6.91
HP	0.00	0.00	0.00	1214.49	58.22	1272.71	1272.71	100.00
J & K	0.00	0.00	0.00	511.40	15.03	526.43	526.43	100.00
Ladakh	0.00	0.00	0.00	12.11	0.00	12.11	12.11	100.00
Punjab	2428.35	0.00	0.00	256.51	214.09	470.60	2898.95	16.23
Rajasthan	5245.12	37.81	614.97	137.38	3891.97	4644.32	9927.25	40.59
Uttar Pradesh	11281.97	10.16	310.92	67.52	843.16	1221.60	12513.73	7.28
Uttarakhand	0.00	45.30	0.00	633.39	77.81	711.20	756.50	94.01
Northern Region Total	20928.28	371.63	925.89	2832.80	5311.06	9069.75	30369.66	26.82
WESTERN REGION								
Chhattisgarh	13408.65	0.00	0.00	21.56	220.08	241.64	13650.29	1.77
Gujarat	6582.67	565.24	675.81	304.61	2979.06	3959.48	11107.39	29.56
Madhya Pradesh	11593.00	0.00	0.00	383.30	872.69	1255.99	12848.99	9.77
Maharashtra	11639.34	497.76	415.99	240.07	1625.43	2281.49	14418.59	12.94
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	2.63	2.63	2.63	100.00
Goa	0.00	0.00	0.00	0.00	5.44	5.44	5.44	100.00
Western Region Total	43223.66	1063.00	1091.80	949.54	5705.33	7746.67	52033.33	12.79
SOUTHERN REGION								
Andhra Pradesh	5987.62	0.00	0.00	36.16	1352.60	1388.76	7376.38	18.83
Telangana	4891.79	0.00	0.00	45.79	692.54	738.33	5630.12	13.11
Karnataka	3950.43	0.00	636.31	580.40	2451.73	3668.44	7618.87	39.80

Renewable Energy (State Wise) Generation(MU) for the Month of February 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Kerala	0.00	0.00	0.00	402.37	162.71	565.08	565.08	100.00
Tamil Nadu	6679.97	165.07	847.79	241.66	1972.88	3062.33	9907.37	22.35
Lakshadweep	5.30	0.00	0.00	0.00	0.01	0.01	5.31	0.14
Puducherry	0.00	14.28	0.00	0.00	1.02	1.02	15.30	6.67
Southern Region Total	21515.11	179.35	1484.10	1306.38	6633.49	9423.97	31118.43	25.52
EASTERN REGION								
Andaman Nicobar	27.46	0.00	0.00	0.00	3.84	3.84	31.30	12.27
Bihar	5183.23	0.00	0.00	0.00	40.61	40.61	5223.84	0.78
Jharkhand	3005.20	0.00	0.00	6.63	1.53	8.16	3013.36	0.27
Odisha	5508.65	0.00	0.00	431.14	98.09	529.23	6037.88	8.77
Sikkim	0.00	0.00	0.00	29.67	1.03	30.70	30.70	100.00
West Bengal	7259.40	0.00	0.00	146.24	160.18	306.42	7565.82	4.05
Eastern Region Total	20983.94	0.00	0.00	613.68	305.28	918.96	21902.90	4.20
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	149.86	0.14	150.00	150.00	100.00
Assam	288.82	265.82	0.00	20.03	26.17	46.20	600.84	7.69
Manipur	0.00	0.00	0.00	11.00	0.61	11.61	11.61	100.00
Meghalaya	0.00	0.00	0.00	30.06	4.98	35.04	35.04	100.00
Mizoram	0.00	0.00	0.00	11.74	8.26	20.00	20.00	100.00
Nagaland	0.00	0.00	0.00	3.07	2.80	5.87	5.87	100.00
Tripura	0.00	445.21	0.00	0.00	0.53	0.53	445.74	0.12
North Eastern Region Total	288.82	711.03	0.00	225.76	43.49	269.25	1269.10	21.22
All India Total	106939.81	2325.01	3501.79	5928.16	17998.64	27428.59	136693.41	17.50

Table 8:- Cumulative Renewable Energy as % of Total Electricity Generated

Renewable Energy (State Wise Generation (MU) for the Period of April 2023- February 2024)								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
NORTHERN REGION								
Chandigarh	0.00	0.00	0.00	0.00	11.07	11.07	11.07	100.00
Delhi	0.00	3545.15	0.00	0.00	664.24	664.24	4209.39	15.78
Haryana	26139.16	137.28	0.00	0.00	1494.80	1494.80	27771.24	5.38
HP	0.00	0.00	0.00	34725.25	2489.71	37214.96	37214.96	100.00
J & K	0.00	0.00	0.00	14778.34	375.66	15154.00	15154.00	100.00
Ladakh	0.00	0.00	0.00	373.48	0.00	373.48	373.48	100.00
Punjab	29908.96	0.00	0.00	4411.63	3850.05	8261.68	38170.64	21.64
Rajasthan	54851.05	1114.59	6453.87	888.31	42449.82	49792.00	105757.64	40.98
Uttar Pradesh	139688.23	1619.52	2547.03	815.57	6283.12	9645.72	150953.47	4.70
Uttarakhand	0.00	490.71	0.00	13208.48	855.91	14064.39	14555.10	96.63
Northern Region Total	250587.40	6907.25	9000.90	69201.06	58474.38	136676.34	394170.99	32.39
WESTERN REGION								
Chhattisgarh	148099.75	0.00	0.00	296.48	2236.94	2533.42	150633.17	1.68
Gujarat	69884.74	7287.75	6856.48	4334.63	35133.53	46324.64	123497.13	31.96
Madhya Pradesh	135588.10	0.00	0.00	6197.06	8520.66	14717.72	150305.82	9.79
Maharashtra	120803.55	3641.96	7331.91	4919.04	17039.45	29290.40	153735.91	14.28
Daman and Diu Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	25.88	25.88	25.88	100.00
Goa	0.00	0.00	0.00	0.00	62.51	62.51	62.51	100.00
Western Region Total	474376.14	10929.71	14188.39	15747.21	63018.97	92954.57	578260.42	13.62
SOUTHERN REGION								
Andhra Pradesh	64562.10	0.00	0.00	1282.61	16201.20	17483.81	82045.91	21.31
Telangana	51286.45	0.00	0.00	1215.84	6762.40	7978.24	59264.69	13.46
Karnataka	40126.80	0.00	6824.89	8328.51	28261.72	43415.12	83541.92	43.80

Renewable Energy (State Wise Generation (MU) for the Period of April 2023- February 2024								
State/UT	Fossil		Non Fossil			Total Renewable (RE) (6)=((4)+(5))	Grand Total (7)=((1)+(2)+(3)+(4)+(5))	RE as % of Total
	Thermal (1)	Gas (2)	Nuclear (3)	Large Hydro (4)	Renewable (Excluding Large Hydro) (5)			
Kerala	0.00	0.00	0.00	4693.20	2025.19	6718.39	6718.39	100.00
Tamil Nadu	66035.86	1752.32	13903.29	3379.38	27923.21	45205.88	112994.06	27.70
Lakshadweep	58.50	0.00	0.00	0.00	0.08	0.08	58.58	0.14
Puducherry	0.00	207.76	0.00	0.00	11.22	11.22	218.98	5.12
Southern Region Total	222069.71	1960.08	20728.18	18899.54	81185.02	120812.74	344842.53	29.02
EASTERN REGION								
Andaman Nicobar	309.10	0.00	0.00	0.00	35.01	35.01	344.11	10.17
Bihar	53036.52	0.00	0.00	0.00	300.11	300.11	53336.63	0.56
Jharkhand	32517.22	0.00	0.00	191.14	18.91	210.05	32727.27	0.64
Odisha	59896.53	0.00	0.00	5773.24	1162.05	6935.29	66831.82	10.38
Sikkim	0.00	0.00	0.00	8569.18	11.34	8580.52	8580.52	100.00
West Bengal	81356.75	0.00	0.00	2684.78	1745.76	4430.54	85787.29	5.16
Eastern Region Total	227116.12	0.00	0.00	17218.34	3273.16	20491.50	247607.62	8.28
NORTH-EASTERN REGION								
Arunachal Pradesh	0.00	0.00	0.00	4051.43	2.42	4053.85	4053.85	100.00
Assam	4619.16	3086.60	0.00	578.40	350.78	929.18	8634.94	10.76
Manipur	0.00	0.00	0.00	284.87	8.24	293.11	293.11	100.00
Meghalaya	0.00	0.00	0.00	784.25	63.56	847.81	847.81	100.00
Mizoram	0.00	0.00	0.00	109.79	90.85	200.64	200.64	100.00
Nagaland	0.00	0.00	0.00	163.33	78.52	241.85	241.85	100.00
Tripura	0.00	5888.10	0.00	0.00	4.51	4.51	5892.61	0.08
North Eastern Region Total	4619.16	8974.70	0.00	5972.07	598.88	6570.95	20164.81	32.59
All India Total	1178768.53	28771.74	43917.47	127038.22	206550.43	377506.12	1585046.39	21.05

Table 9: Monthly Source wise RE generation February -2024 and February -2023

RE generation(MUs) data (source wise) for the month of February -2024 and February -2023														
Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23
NORTHERN REGION														
Chandigarh	0.00	0.00	0.63	1.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	17.21	17.21	0.00	0.00	0.00	0.00	0.00	0.00	46.43	32.44	0.00	0.00
Haryana	0.00	0.00	96.90	45.23	20.79	27.46	3.11	9.14	21.14	15.47	4.57	5.09	0.00	0.00
Himachal Pradesh	0.00	0.00	4.22	3.45	0.00	0.00	0.00	0.00	54.00	84.17	0.00	0.00	1214.49	1398.84
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.03	22.17	0.00	0.00	511.40	784.43
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	12.11	12.13
Punjab	0.00	0.00	99.87	285.01	52.99	49.92	37.79	43.83	23.44	51.56	0.00	0.00	256.51	342.17
Rajasthan	565.72	274.53	3292.16	2999.11	32.37	33.02	0.00	0.00	1.71	1.21	0.00	0.00	137.38	118.57
Uttar Pradesh	0.00	0.00	340.29	354.58	7.48	7.04	470.61	511.23	21.80	24.91	2.99	5.66	67.52	90.72
Uttarakhand	0.00	0.00	27.65	27.65	0.00	0.00	20.71	20.71	29.45	29.45	0.00	0.00	633.39	733.40
Northern Region	565.72	274.53	3878.93	3733.67	113.63	117.43	532.22	584.91	166.57	228.94	53.99	43.19	2832.80	3480.26
WESTERN REGION														
Chhattisgarh	0.00	0.00	111.53	77.82	98.86	114.12	4.90	3.68	4.79	3.30	0.00	0.00	21.56	15.54
Gujarat	1745.66	975.78	1210.11	1052.57	0.00	0.00	0.00	0.00	23.28	24.42	0.00	0.00	304.61	417.21
Madhya Pradesh	405.54	186.31	395.63	351.49	6.45	9.58	24.58	27.56	38.09	35.68	2.40	3.22	383.30	692.12
Maharashtra	316.09	272.80	553.79	493.01	26.89	22.78	651.36	657.44	72.16	53.41	5.14	0.01	240.07	512.28
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	1.49	1.44	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	4.76	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.42	0.00	0.00

RE generation(MUs) data (source wise) for the month of February -2024 and February -2023

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23
Western Region	2467.30	1434.89	2277.30	1977.84	133.35	146.48	680.84	688.68	138.33	116.81	8.22	3.66	949.54	1637.15
SOUTHERN REGION														
Andhra Pradesh	479.38	305.86	823.87	754.85	1.62	2.63	12.97	10.19	9.08	42.26	25.68	21.93	36.16	206.77
Telangana	18.99	14.56	630.73	642.13	3.00	0.04	23.65	24.90	2.98	2.73	13.19	12.28	45.79	162.27
Karnataka	591.26	531.65	1464.92	1331.63	0.40	6.15	375.55	415.35	19.61	77.85	0.00	0.00	580.40	1084.37
Kerala	7.90	6.75	119.59	85.37	0.00	0.00	5.43	3.49	29.78	23.61	0.00	0.00	402.37	490.15
Tamil Nadu	777.03	558.75	1090.68	911.00	11.04	9.85	70.10	110.61	24.03	16.98	0.00	0.00	241.66	312.97
Lakshadweep	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00
Southern Region	1874.56	1417.57	4130.81	3726.01	16.06	18.66	487.70	564.53	85.48	163.44	38.88	34.21	1306.38	2256.53
EASTERN REGION														
Andaman Nicobar	0.00	0.00	2.97	1.94	0.00	0.00	0.00	0.00	0.87	0.83	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	15.90	14.21	0.00	0.00	24.57	24.80	0.13	0.57	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	1.47	1.47	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	6.63	12.75
Odisha	0.00	0.00	70.64	69.38	8.03	7.65	0.00	0.00	19.42	21.46	0.00	0.00	431.14	342.75
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	29.67	226.14
West Bengal	0.00	0.00	17.98	11.09	0.00	0.00	0.00	0.00	12.60	10.22	129.59	121.94	146.24	185.91
Eastern Region	0.00	0.00	108.97	98.09	8.03	7.65	24.57	24.80	34.12	34.11	129.59	121.94	613.68	767.55

RE generation(MUs) data (source wise) for the month of February -2024 and February -2023

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23	Feb'24	Feb'23
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	0.09	0.16	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.00	149.86	154.20
Assam	0.00	0.00	23.71	18.26	0.00	0.00	0.00	0.00	2.36	2.99	0.10	0.00	20.03	13.44
Manipur	0.00	0.00	0.61	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00	8.91
Megh alaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.98	3.51	0.00	0.00	30.06	22.71
Mizoram	0.00	0.00	0.27	0.27	0.00	0.00	0.00	0.00	7.99	7.99	0.00	0.00	11.74	13.18
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	2.95	0.00	0.00	3.07	4.53
Tripura	0.00	0.00	0.53	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	25.21	19.80	0.00	0.00	0.00	0.00	18.18	17.51	0.10	0.00	225.76	216.97
All India Total	4907.58	3126.99	10421.22	9555.41	271.07	290.22	1725.32	1862.92	442.67	560.81	230.77	203.01	5928.16	8358.46

Table 10: Cumulative Source wise RE generation April 2023-February 2024 and April 2022-February 2023

RE generation(MUs) data (source wise) for the period of April 2023 -February 2024 and April 2022 -February 2023

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23
NORTHERN REGION														
Chandigarh	0.00	0.00	11.07	11.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	189.32	218.90	0.00	0.00	0.00	0.00	0.00	0.00	474.92	257.81	0.00	0.00
Haryana	0.00	0.00	895.42	505.90	260.57	331.11	63.68	170.32	221.08	232.97	54.05	58.80	0.00	0.00
Himachal Pradesh	0.00	0.00	53.61	54.14	0.00	0.00	0.00	0.00	2436.10	2737.32	0.00	0.00	34725.25	37204.23
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	375.66	365.32	0.00	0.00	14778.34	15673.72
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	373.48	385.96
Punjab	0.00	0.00	2541.90	2450.75	553.56	447.48	158.73	167.22	595.86	638.59	0.00	0.00	4411.63	4095.32
Rajasthan	7762.09	5741.60	34334.38	31103.25	347.20	364.45	0.00	0.00	6.15	6.30	0.00	0.00	888.31	892.41
Uttar Pradesh	0.00	0.00	3512.48	3300.57	39.48	61.41	2484.85	2655.36	163.51	220.05	82.80	52.15	815.57	917.30
Uttarakhand	0.00	0.00	304.15	304.15	0.00	0.00	227.81	227.81	323.95	323.95	0.00	0.00	13208.48	14763.04
Northern Region	7762.09	5741.60	41842.33	37948.84	1200.81	1204.46	2935.06	3220.71	4122.31	4524.51	611.77	368.75	69201.06	73931.98
WESTERN REGION														
Chhattisgarh	0.00	0.00	812.75	560.79	1263.82	1068.47	16.54	14.70	143.84	144.26	0.00	0.00	296.48	209.54
Gujarat	23005.56	18038.60	11936.07	9268.41	0.00	0.00	2.13	5.76	189.78	189.53	0.00	2.24	4334.63	5841.69
Madhya Pradesh	4521.78	4186.59	3381.28	3507.41	79.22	30.42	77.99	97.02	436.33	336.77	24.08	32.43	6197.05	7038.78
Maharashtra	7785.64	6826.68	5188.20	3934.25	277.04	217.20	2932.87	4060.00	829.24	701.59	26.46	0.39	4919.04	5441.12

RE generation(MUs) data (source wise) for the period of April 2023 -February 2024 and April 2022 -February 2023

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	13.98	25.90	11.90	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	0.00	0.00	55.23	13.36	0.00	0.00	0.00	0.00	0.00	0.00	7.28	4.66	0.00	0.00
Western Region	35312.98	29051.86	21387.50	17310.12	1631.98	1319.30	3029.52	4177.48	1599.18	1372.15	57.82	39.72	15747.20	18531.13
SOUTHERN REGION														
Andhra Pradesh	8218.79	6997.52	7507.93	7356.59	17.17	52.01	56.07	90.91	120.17	374.86	281.07	253.53	1282.61	3549.98
Telangana	284.74	259.17	6194.28	6070.53	7.26	21.45	84.52	112.05	56.82	88.94	134.78	146.05	1215.84	5933.43
Karnataka	10440.66	9188.65	13898.65	12694.72	46.61	102.71	2526.95	2696.60	1348.85	2231.88	0.00	0.00	8328.51	12164.44
Kerala	210.95	171.94	1066.50	783.04	0.00	0.00	72.05	55.57	675.64	791.07	0.04	0.00	4693.20	7549.27
Tamil Nadu	16577.08	16262.35	10494.82	8416.74	118.21	115.94	543.84	738.51	189.27	285.71	0.00	0.00	3379.38	5708.02
Lakshadweep	0.00	0.00	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Puducherry	0.00	0.00	11.22	11.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Region	35732.22	32879.63	39173.48	35332.92	189.25	292.11	3283.43	3693.63	2390.76	3772.45	415.89	399.58	18899.54	34905.14
EASTERN REGION														
Andaman Nicobar	0.00	0.00	23.94	21.43	0.00	0.00	0.00	0.00	11.07	13.77	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	172.46	153.74	0.00	0.00	121.87	87.69	5.78	11.47	0.00	0.00	0.00	0.00

RE generation(MUs) data (source wise) for the period of April 2023 -February 2024 and April 2022 -February 2023

Name of State/UT	Wind		Solar		Biomass		Bagasse		Small Hydro		Others (Waste to Energy)		Large Hydro	
	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23	Apr'23-Feb'24	Apr'22-Feb'23
Jharkhand	0.00	0.00	16.17	18.23	0.00	0.00	0.00	0.00	2.74	0.00	0.00	0.00	191.14	297.60
Odisha	0.00	0.00	681.70	641.00	90.00	57.52	0.00	0.00	390.35	404.96	0.00	0.00	5773.24	5145.22
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.33	11.33	0.00	0.00	8569.19	11364.66
West Bengal	0.00	0.00	146.79	112.59	0.00	0.00	0.00	0.00	191.20	191.78	1407.77	1491.68	2684.78	3284.83
Eastern Region	0.00	0.00	1041.06	947.00	90.00	57.52	121.87	87.69	612.46	633.30	1407.77	1491.68	17218.35	20092.31
NORTH-EASTERN REGION														
Arunachal Pradesh	0.00	0.00	1.81	22.08	0.00	0.00	0.00	0.00	0.61	2.47	0.00	0.03	4051.43	4617.31
Assam	0.00	0.00	288.65	192.46	0.00	0.00	0.00	0.00	61.48	59.71	0.64	0.00	578.40	467.46
Manipur	0.00	0.00	7.01	7.50	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.01	284.87	469.40
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.56	67.43	0.00	0.00	784.25	940.91
Mizoram	0.00	0.00	2.92	2.95	0.00	0.00	0.00	0.00	87.93	51.06	0.00	0.00	109.79	195.81
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.52	108.71	0.00	0.00	163.33	173.77
Tripura	0.00	0.00	4.51	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
North Eastern Region	0.00	0.00	304.90	231.02	0.00	0.00	0.00	0.00	292.11	289.38	1.87	0.04	5972.07	6864.66
All India Total	75897.29	67673.09	103749.27	91769.90	3112.04	2373.39	9369.88	11179.51	9016.82	10591.79	2495.12	2299.77	127038.22	154325.22



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

For any query, please contact at:

011-26732320

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