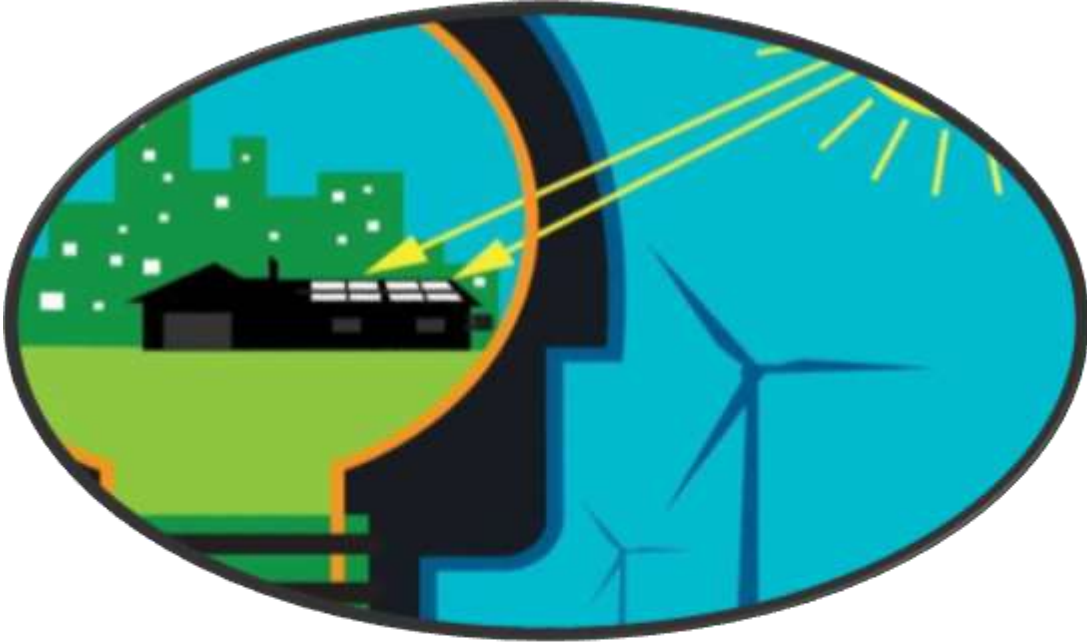




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

Monthly Renewable Energy Generation Report



अप्रैल 2023

April 2023

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Summary of All India Total Renewable Energy Generation

Category	Installed Capacity (MW) (as on 30.04.2023)	Monitored Capacity (MW) (as on 30.04.2023) for which generation data is available	RE Generation (MU) April'2023	RE Generation (MU) April'2022	% of same Month Last Year
पवन/Wind	42868.08	42756.68	4249.20	4126.22	102.98
सौर/Solar	67077.88	54955.16(*)	10318.69	8323.92	123.96
बायोमास/Biomass	10248.01	8705.95	295.62	317.66	93.06
बगास/Bagasse			1000.32	1441.05	69.42
लघु जल विद्युत्/Small Hydro	4944.3	4271.00	586.21	682.40	85.90
बृहत् जल विद्युत् /Large Hydro (\$)		46850.17	8728.97	11540.96	75.63
अन्य/Others	554.03	642.68	225.12	215.57	104.43
कुल/Total	172542.47	158181.64	25404.11	26647.78	95.33

(*) Solar Installed capacity including 1.8GW rooftop solar.

(\$) Large Hydro Generation data excluding import from Bhutan.

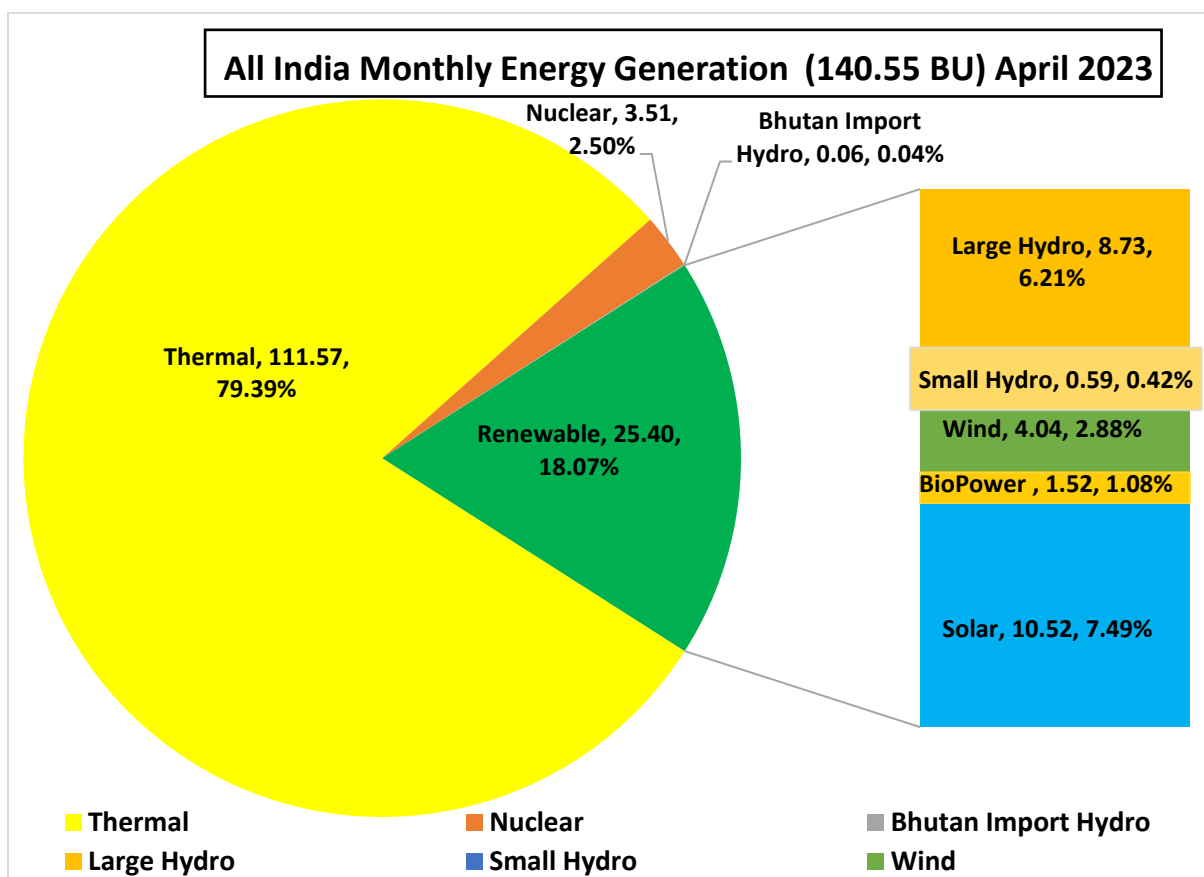


Figure1:All India Monthly Energy Generation in India and Share of RE

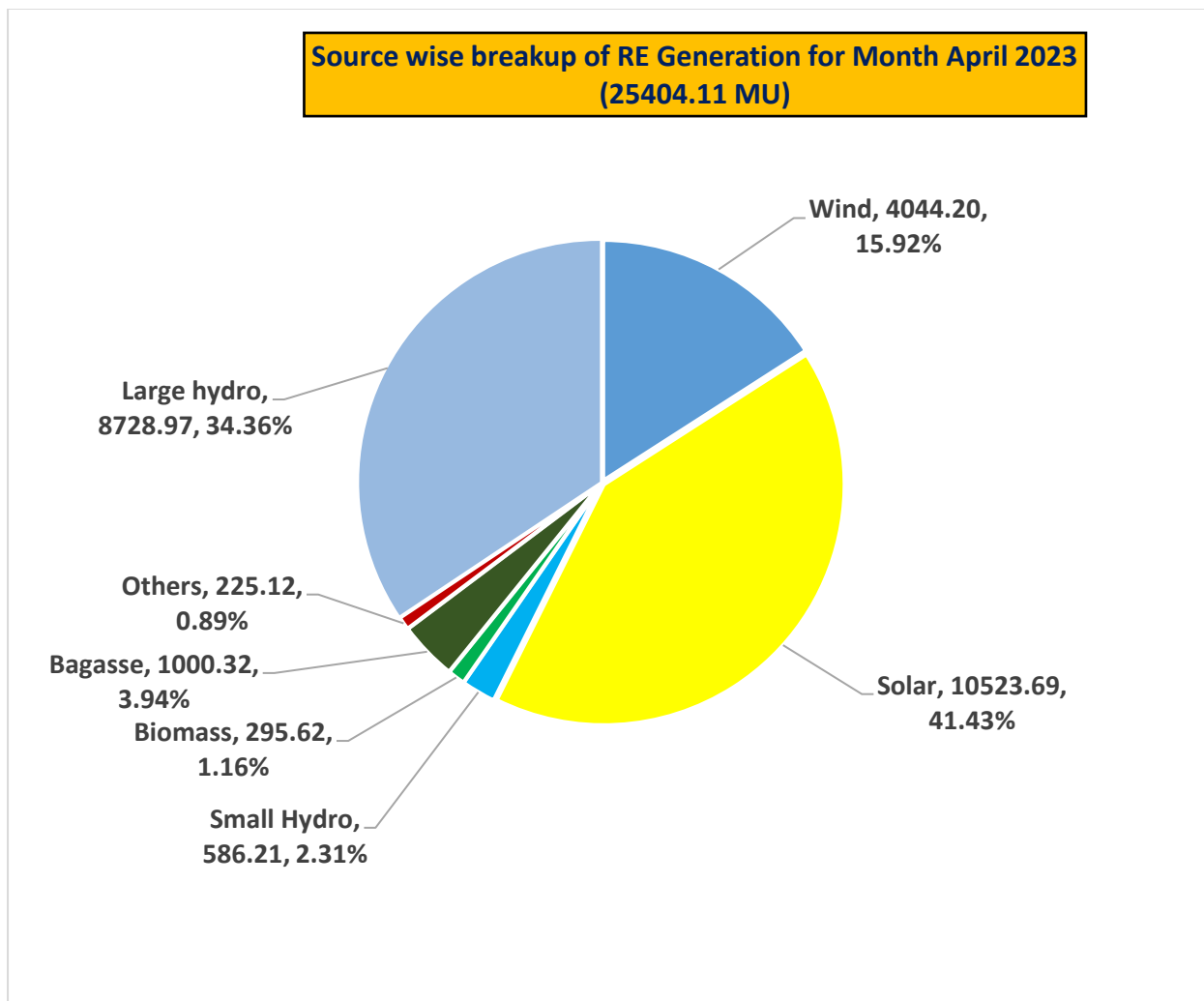


Figure2: Source wise breakup of RE Generation of April 2023.

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) April 2023	RE Generation(MU) April 2022
उत्तरी क्षेत्र / NORTHERN REGION		
चंडीगढ़/ Chandigarh	2.20	2.81
दिल्ली / Delhi #	60.95	41.85
हरियाणा / Haryana	118.52	140.41
हिमाचल प्रदेश / Himachal Pradesh	2019.30	2653.29
जम्मू कश्मीर / Jammu & Kashmir	1538.38	1740.73
लद्दाख / Ladakh*	15.61	18.24
पंजाब / Punjab	672.29	537.11
राजस्थान / Rajasthan	4106.22	3100.90
उत्तर प्रदेश / Uttar Pradesh	800.27	823.04
उत्तराखंड / Uttarakhand *	777.56	1124.38
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	10111.30	10182.76
पश्चिमी क्षेत्र / WESTERN REGION		
छत्तीसगढ़ / Chhattisgarh	221.71	212.56
गुजरात / Gujarat	2799.97	2679.61
मध्य प्रदेश / Madhya Pradesh	974.08	1319.91
महाराष्ट्र / Maharashtra	1833.70	2193.00
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu*	2.43	8.32
गोवा / Goa *	1.94	0.84
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	5833.83	6414.26
दक्षिणी क्षेत्र / SOUTHERN REGION		
आन्ध्र प्रदेश / Andhra Pradesh	1331.34	1395.59
तेलंगाना / Telangana	731.29	719.52
कर्नाटक / Karnataka	3262.43	3406.78
केरल / Kerala	716.52	900.52
तमिल नाडू / Tamil Nadu	1690.32	1396.90
लक्षद्वीप /Lakshadweep *	0.01	0.01
पुडुचेरी / Puducherry*	1.02	1.02
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	7732.93	7820.35
पूर्वी क्षेत्र/ EASTERN REGION		
अण्डमान एवं निकोबार/ Andaman Nicobar	2.82	3.42
बिहार / Bihar	28.26	15.85
झारखण्ड / Jharkhand*	12.14	9.03
ओडिशा/ Odisha	463.51	569.03

Name of State/UT	RE Generation(MU) April 2023	RE Generation(MU) April 2022
सिक्किम / Sikkim *	546.28	873.92
पश्चिम बंगाल / West Bengal	334.46	403.35
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	1387.48	1874.61
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION		
अरुणाचल प्रदेश / Arunachal Pradesh *	220.16	236.17
असम / Assam	41.05	24.23
मणिपुर / Manipur*	8.33	12.18
मेघालय / Meghalaya	45.15	73.69
मिज़ोरम / Mizoram *	18.69	3.78
नागालैंड / Nagaland*	4.65	5.17
त्रिपुरा / Tripura *	0.54	0.59
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	338.57	355.81
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	25404.11	26647.78

1. Data as received from SLDC of the respective states or from the electricity department.
 2. Figure given above indicates injected generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.
- * Data has been taken provisionally as of RE generation report of March 2023 .

Generation from other sources has been received .However solar power generation considered as on March 2023.

NOTE:

1. Generation from ISGS and CPSU owned RE generating stations according to physical location is included in respective State in Renewable Energy Generation Sheet in the above Renewable Energy Generation Sheet.
2. Lakshadweep and Andaman Nicobar Islands are operating as isolated systems.

Renewable Energy Generation from ISGS Plants for April 2023

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Unchahar Solar	Uttar Pradesh	Central	Solar	1.32
Dadri Solar	Uttar Pradesh	Central	Solar	0.60
Singrauli Solar	Uttar Pradesh	Central	Solar	1.78
Auraiya	Uttar Pradesh	Central	Solar	6.46
Kolayat	Rajasthan	Central	Solar	90.65
Nokhra	Rajasthan	Central	Solar	58.21
Devikot	Rajasthan	Central	Solar	49.24
ABC Renewable Energy	Rajasthan	Private	Solar	68.18
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	Solar	54.56
Acme Heerghar Powertech Pvt Ltd	Rajasthan	Private	Solar	52.08
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Solar	139.11
Adani Hybrid Energy	Rajasthan	Private	Solar	82.88
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Solar	75.97
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Solar	78.60
Adani RERJL	Rajasthan	Private	Solar	42.79
Adani SE Jaisalmer One	Rajasthan	Private	Solar	99.64
Adani SE4PL(Kilaj Solar)	Rajasthan	Private	Solar	11.36
Adani SEJ5PL(SB Energy)	Rajasthan	Private	Solar	42.67
Adani SERJ1PL(SB Energy Six)	Rajasthan	Private	Solar	66.43
Avaada Sunrays	Rajasthan	Private	Solar	72.51
Avaada RJHN	Rajasthan	Private	Solar	51.66
Avaada Sunce	Rajasthan	Private	Solar	75.49
Avaada Sustainable	Rajasthan	Private	Solar	65.95
Ayana Renewable One	Rajasthan	Private	Solar	70.71
Azure Power Forty One Private Limited	Rajasthan	Private	Solar	65.13
Azure Power Forty Three Private Ltd	Rajasthan	Private	Solar	134.72
Azure Power India Pvt Ltd	Rajasthan	Private	Solar	38.83
Azure Power Maple	Rajasthan	Private	Solar	51.99
Azure Power Thirty Four Private Ltd	Rajasthan	Private	Solar	26.85
Clean Solar Power	Rajasthan	Private	Solar	45.28
Clean Solar Power (Bhadla) Pvt Ldt	Rajasthan	Private	Solar	66.29
Eden Renewable Cite Private Limited	Rajasthan	Private	Solar	68.33
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	Solar	11.66

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Mahindra Renewable Private Limited	Rajasthan	Private	Solar	55.31
Mega Surya Urja	Rajasthan	Private	Solar	55.05
Nindan Solar Fatehgar	Rajasthan	Private	Solar	66.50
Renew Jharkhand	Rajasthan	Private	Solar	67.22
Renew Solar Power Pvt Ltd	Rajasthan	Private	Solar	10.97
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	Solar	55.40
Renew Solar Urja	Rajasthan	Private	Solar	65.85
Renew Sun Bright	Rajasthan	Private	Solar	66.57
Renew Sun Waves Private Limited	Rajasthan	Private	Solar	66.74
Renew Surya Ravi	Rajasthan	Private	Solar	50.71
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	Solar	49.31
Tata Power Green Energy	Rajasthan	Private	Solar	47.71
Tata Power Renewable Energy Ltd	Rajasthan	Private	Solar	64.11
Thar Surya1	Rajasthan	Private	Solar	61.76
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Private	Wind	118.25
Adani Hybrid Energy	Rajasthan	Private	Wind	23.25
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Private	Wind	19.05
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Private	Wind	19.65
Adani SE Jaisalmer One	Rajasthan	Private	Wind	24.79
Northern Region Total				2856.13
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	Solar	48.24
Acme Solar (Ramnagar)	Madhya Pradesh	Private	Solar	0.00
Mahindra Solar (Badwar)	Madhya Pradesh	Private	Solar	48.85
Solapur_Solar	Maharashtra	Private	Solar	1.67
ESPL RSP Solar	Gujarat	Private	Solar	46.79
TPREL RSP Solar	Gujarat	Private	Solar	23.32
GIPCL RSP Solar	Gujarat	Private	Solar	23.69
Powerica Wind	Gujarat	Private	Solar	10.61
NTPC Kawas	Gujarat	Central	Solar	10.58
GSECL	Gujarat	Private	Solar	15.18
Athen_RUM	Gujarat	Private	Solar	49.29
Gandhar_Solar	Gujarat	Private	Solar	2.45
RPL_SECI-II	Gujarat	Private	Solar	44.44
AWEK4L	Gujarat	Private	Wind	0.00
AWEK11L	Gujarat	Private	Wind	113.08
AWEMP1PL	Gujarat	Private	Wind	74.25
Alfnar Wind	Gujarat	Private	Wind	63.67

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Adani Green Energy Mp Ltd(Dayapar)(CPTTNPL)	Gujarat	Private	Wind	0.00
Giwel-II Wind (Vadva)	Gujarat	Private	Wind	51.06
Giwel-III Wind (Naranpar)	Gujarat	Private	Wind	65.71
IWISL Wind (Dayapar)	Gujarat	Private	Wind	0.00
Ostro Wind (Kutch)	Gujarat	Private	Wind	62.70
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	Wind	69.05
Avikiran Solar India Private Limited (ASIPL)	Gujarat	Private	Wind	37.27
SITAC	Gujarat	Private	Wind	69.01
SRIJAN	Gujarat	Private	Wind	17.36
NETRA KOTDA BHUJ	Gujarat	Private	Wind	5.66
Western Region Total				953.93
Beetam(Tuticorin)	Tamil Nadu	Private	Wind	15.24
GRTJIPL	Tamil Nadu	Private	Wind	26.73
Mytra	Tamil Nadu	Private	Wind	12.26
Orange	Tamil Nadu	Private	Wind	13.63
Green Infra	Tamil Nadu	Private	Wind	18.34
Hiritur Ostro	Tamil Nadu	Private	Wind	36.05
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	Wind	20.23
JSW_Renew2 Tuticorin	Tamil Nadu	Private	Wind	6.46
Ettayapuram	Tamil Nadu	Central	Solar	40.23
Rstps Floating Solar	Andhra Pradesh	Private	Solar	18.39
simhadri Floating Solar	Andhra Pradesh	Private	Solar	4.96
Adani7	Telangana	Private	Solar	-0.46
Biwadi	Andhra Pradesh	Private	Solar	10.65
Hisar	Andhra Pradesh	Private	Solar	10.32
Karnal	Andhra Pradesh	Private	Solar	10.57
Ayana	Andhra Pradesh	Private	Solar	56.22
Azure	Andhra Pradesh	Private	Solar	9.04
FRV2	Andhra Pradesh	Private	Solar	10.76
FRV	Andhra Pradesh	Private	Solar	9.91
NTPC	Andhra Pradesh	Private	Solar	35.96
Sprng Agnitra	Andhra Pradesh	Private	Solar	51.02
Tata	Andhra Pradesh	Private	Solar	18.49
Adyah10	Karnataka	Private	Solar	65.55
Adyah13	Karnataka	Private	Solar	
Adyah1	Karnataka	Private	Solar	
Adyah2	Karnataka	Private	Solar	
Adyah3	Karnataka	Private	Solar	
Adyah6	Karnataka	Private	Solar	
Amplus	Karnataka	Private	Solar	10.54
Avaada	Karnataka	Private	Solar	30.72
Avaada Solarise	Karnataka	Private	Solar	31.62

Station	State/ Region	Sector (Central/State/ Private)	Type	Generation (MU)
Azure Power	Karnataka	Private	Solar	22.80
Fortum Finsurya	Karnataka	Private	Solar	19.21
Fortum	Karnataka	Private	Solar	53.99
Kredl	Karnataka	Private	Solar	9.80
Parampujya	Karnataka	Private	Solar	30.40
Renew	Karnataka	Private	Solar	10.94
SBG	Karnataka	Private	Solar	44.59
Tata	Karnataka	Private	Solar	83.32
Yarrow	Karnataka	Private	Solar	10.06
Southern Region Total				858.54
All India Total				4668.60

Note – 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.

Renewable Energy Generation from CPSU Plants

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) Apr'2023	RE Generation(MU) Apr'2022
NTPC					
Faridabad_Solar	Haryana	5.00	Solar	0.62	0.67
Bhadla	Rajasthan	260.00	Solar	37.52	39.39
Jetsar	Rajasthan	160.00	Solar	34.28	30.52
Fatehgarh	Rajasthan	296.00	Solar	67.04	48.06
Devikot	Rajasthan	240.00	Solar	49.68	0.00
Nokhra	Rajasthan	150.00	Solar	59.62	0.00
Dadri_Solar	Uttar Pradesh	5.00	Solar	0.60	0.62
Unchahar_Solar	Uttar Pradesh	10.00	Solar	1.33	1.25
Singrauli_Solar	Uttar Pradesh	15.00	Solar	2.39	1.70
Auraiya	Uttar Pradesh	40.00	Solar	6.46	3.18
Singrauli_SH	Uttar Pradesh	8.00	Small Hydro	3.52	3.15
Rojmal	Gujarat	50.00	Wind	6.83	273.87
Rajgarh_Solar	Madhya Pradesh	50.00	Solar	6.52	7.37
Mandsaur	Madhya Pradesh	250.00	Solar	34.17	37.57
Solapur	Maharashtra	10.00	Solar	1.64	0.00
Anantapuram	Andhra Pradesh	250.00	Solar	36.25	35.47
Ramagundam	Telangana	110.00	Solar	19.46	7.75
Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.57	0.60
Talchar_Solar	Orissa	10.00	Solar	1.14	1.20
Solar_Bilhaur	Uttar Pradesh	225.00	Solar	43.91	50.01
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	4.90	4.95
Kayamkulam	Kerala	92.00	Solar	20.03	3.56
Kawas	Gujarat	56.00	Solar	10.48	0.00
Gandhar	Gujarat	10.00	Solar	2.37	0.00
Shambu ki Burj-I	Rajasthan	250.00	Solar	56.50	0.00
Shambu ki Burj-II	Rajasthan	150.00	Solar	34.19	0.00
Ettayapuram	Tamil Nadu	230.00	Solar	40.10	0.00
Total NTPC		2962.00		582.12	550.89
THDC					
Patan Wind Power Project	Gujarat	50.00	Wind	5.50	6.94
Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	7.77	9.98
Solar Kasaragod	Kerala	50.00	Solar	9.67	8.13

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) Apr'2023	RE Generation(MU) Apr'2022
Rishikesh office Premises	Uttar Pradesh	0.50	Solar	0.06	0.05
Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	0.00	1.35
Total THDC		187.50		23.00	26.45
NHPC					
Wind Power Project	Rajasthan	50.00	Wind	5.96	6.27
Solar Power Project	Tamilnadu	50.00	Solar	9.02	8.48
Total NHPC		100.00		14.98	14.75
ONGC					
Wind, Bhuj	Gujarat	51.00	Wind	5.02	4.73
Wind, Jaisalmer	Rajasthan	102.00	Wind	9.61	10.40
Solar, Goa	Goa	1.00	Solar	0.15	0.12
Solar, Hazira	Gujarat	10.00	Solar	1.51	1.57
Solar, Hazira	Gujarat	5.00	Solar	0.72	0.00
Solar, Ankleshwar	Gujarat	5.00	Solar	0.82	0.87
Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.12	0.09
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.13	0.12
Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.63	0.71
Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.48	0.59
Solar, Assam (RTS)	Assam	1.65	Solar	0.15	0.18
Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.15	0.16
Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.02
Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.01	0.00
Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.00
Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.04	0.00
ONGC Colony Noida	Uttar Pradesh	0.06	Solar	0.01	0.00
ONCG Jodhpur	Rajasthan	0.16	Solar	0.03	0.00
ONCG Jaisalmer	Rajasthan	0.16	Solar	0.00	0.00

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation(MU) Apr'2023	RE Generation(MU) Apr'2022
Total ONGC		189.05		19.57	19.56
SJVN Limited					
Khirvire Wind Power	Maharashtra	47.60	Wind	2.03	3.75
Sadla Wind Power	Gujarat	50.00	Wind	7.35	10.15
Charanka Solar Power	Gujarat	5.60	Solar	0.86	0.84
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.13	0.16
Parasan Solar Power	Gujarat	75.00	Solar	15.37	0.00
Total SJVN		179.20		25.74	14.89
Oil India Ltd					
Oil India Ltd	Rajasthan	14.00	Solar	2.10	2.22
Oil India Ltd	Rajasthan	67.60	Wind	5.10	5.62
Oil India Ltd	Gujarat	43.30	Wind	7.94	8.28
Oil India Ltd	Madhya Pradesh	63.20	Wind	11.26	7.07
Total Oil India Ltd		188.10		26.40	23.20
NEEPCO					
NEEPCO	Tripura	5.00	Solar	0.54	0.59
DVC					
DVC	West Bangal	0.08	Solar	0.01	0.01
DVC	Jharkhand	4.00	Small Hydro	0.00	0.00
Total DVC		4.08		0.01	0.01
All India Total		3814.93		692.36	650.34

Note:

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

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) Apr'2023	Wind Power Generation(MU) Apr'2022
उत्तरी क्षेत्र / NORTHERN REGION		
चंडीगढ़/ Chandigarh	0.00	0.00
दिल्ली / Delhi	0.00	0.00
हरियाणा / Haryana	0.00	0.00
हिमाचल प्रदेश / Himachal Pradesh	0.00	0.00
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00
लद्दाख / Ladakh	0.00	0.00
पंजाब / Punjab	0.00	0.00
राजस्थान / Rajasthan	676.56	467.46
उत्तर प्रदेश / Uttar Pradesh	0.00	0.00
उत्तराखंड / Uttarakhand	0.00	0.00
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	676.56	467.46
पश्चिमी क्षेत्र / WESTERN REGION		
छत्तीसगढ़ / Chhattisgarh	0.00	0.00
गुजरात / Gujarat	1478.24	1644.49
मध्य प्रदेश / Madhya Pradesh	442.25	481.72
महाराष्ट्र / Maharashtra	387.52	387.44
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00
गोवा / Goa	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	2308.01	2513.64
दक्षिणी क्षेत्र / SOUTHERN REGION		
आन्ध्र प्रदेश / Andhra Pradesh	365.83	361.40
तेलंगाना / Telangana	19.11	15.97
कर्नाटक / Karnataka	496.73	403.01
केरल / Kerala	4.15	4.36
तमिल नाडू / Tamil Nadu	378.80	360.39
लक्षद्वीप /Lakshadweep	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00

Name of State/UT	Wind Power Generation(MU) Apr'2023	Wind Power Generation(MU) Apr'2022
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	1264.63	1145.12
पूर्वी क्षेत्र/ EASTERN REGION		
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00
बिहार / Bihar	0.00	0.00
झारखण्ड / Jharkhand	0.00	0.00
ओडिशा/ Odisha	0.00	0.00
सिक्किम / Sikkim	0.00	0.00
पश्चिम बंगाल / West Bengal	0.00	0.00
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	0.00	0.00
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION		
अरुणाचल प्रदेश / Arunachal Pradesh	0.00	0.00
असम / Assam	0.00	0.00
मणिपुर / Manipur	0.00	0.00
मेघालय / Meghalaya	0.00	0.00
मिज़ोरम / Mizoram	0.00	0.00
नागालैंड / Nagaland	0.00	0.00
त्रिपुरा / Tripura	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	0.00	0.00
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	4249.20	4126.22

Name of State/UT	Solar Power Generation (MU) Apr' 2023	Solar Power Generation(MU) Apr'2022
उत्तरी क्षेत्र / NORTHERN REGION		
चंडीगढ़/ Chandigarh	2.20	2.81
दिल्ली / Delhi	17.21	20.04
हरियाणा / Haryana	57.14	63.04
हिमाचल प्रदेश / Himachal Pradesh	5.11	6.57
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00
लद्दाख / Ladakh	0.00	0.00
पंजाब / Punjab	338.65	165.42
राजस्थान / Rajasthan	3395.19	2589.56
उत्तर प्रदेश / Uttar Pradesh	376.83	332.97
उत्तराखंड / Uttarakhand	27.65	27.65
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	4219.97	3208.06
पश्चिमी क्षेत्र / WESTERN REGION		
छत्तीसगढ़ / Chhattisgarh	72.10	43.50
गुजरात / Gujarat	1147.51	841.65
मध्य प्रदेश / Madhya Pradesh	327.15	422.59
महाराष्ट्र / Maharashtra	502.49	317.19
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	1.64	6.71
गोवा / Goa	1.51	0.42
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	2052.40	1632.07
दक्षिणी क्षेत्र / SOUTHERN REGION		
आन्ध्र प्रदेश / Andhra Pradesh	800.19	786.31
तेलंगाना / Telangana	634.38	601.94
कर्नाटक / Karnataka	1405.50	1229.97
केरल / Kerala	103.14	56.10
तमिल नाडू / Tamil Nadu	970.18	701.01
लक्षद्वीप /Lakshadweep	0.01	0.01
पुडुचेरी / Puducherry	1.02	1.02

उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	3914.41	3376.37
पूर्वी क्षेत्र/ EASTERN REGION		
अण्डमान एवं निकोबार/ Andaman Nicobar	2.81	2.69
बिहार / Bihar	16.37	15.85
झारखण्ड / Jharkhand	1.47	1.86
ओडिशा/ Odisha	68.95	61.61
सिक्किम / Sikkim	0.00	0.00
पश्चिम बंगाल / West Bengal	13.13	10.35
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	102.74	92.37
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION		
अरुणाचल प्रदेश / Arunachal Pradesh	0.19	4.19
असम / Assam	27.51	9.28
मणिपुर / Manipur	0.67	0.66
मेघालय / Meghalaya	0.00	0.00
मिज़ोरम / Mizoram	0.27	0.33
नागालैंड / Nagaland	0.00	0.00
त्रिपुरा / Tripura	0.54	0.59
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	29.17	15.04
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	10318.69	8323.92

Name of State/UT	Biomass Power Generation (MU) Apr'2023	Biomass Power Generation(MU) Apr'2022
उत्तरी क्षेत्र /NORTHERN REGION		
चंडीगढ़ /Chandigarh	0.00	0.00
दिल्ली /Delhi	0.00	0.00
हरियाणा /Haryana	24.27	29.70
हिमाचल प्रदेश /Himachal Pradesh	0.00	0.00
जम्मू कश्मीर /Jammu & Kashmir	0.00	0.00
लद्दाख /Ladakh	0.00	0.00
पंजाब /Punjab	53.04	51.11
राजस्थान /Rajasthan	31.34	32.96
उत्तर प्रदेश /Uttar Pradesh	5.67	8.15
उत्तराखंड /Uttarakhand	0.00	0.00
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	114.32	121.92
पश्चिमी क्षेत्र /WESTERN REGION		
छत्तीसगढ़ /Chhattisgarh	119.40	123.11
गुजरात /Gujarat	0.00	0.00
मध्य प्रदेश /Madhya Pradesh	8.98	0.17
महाराष्ट्र /Maharashtra	25.93	28.97
दादर व नगर हवेली और दमन और दिउ /Dadra and Nagar Haveli and Daman and Diu	0.80	1.61
गोवा /Goa	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	155.11	153.86
दक्षिणी क्षेत्र /SOUTHERN REGION		
आन्ध्र प्रदेश /Andhra Pradesh	4.20	7.74
तेलंगाना /Telangana	0.04	6.54
कर्नाटक /Karnataka	5.38	11.50
केरल /Kerala	0.00	0.00
तमिल नाडू /Tamil Nadu	10.56	8.93
लक्षद्वीप /Lakshadweep	0.00	0.00
पुडुचेरी /Puducherry	0.00	0.00

उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	20.18	34.70
पूर्वी क्षेत्र /EASTERN REGION		
अण्डमान एवं निकोबार /Andaman Nicobar	0.00	0.00
बिहार /Bihar	0.00	0.00
झारखण्ड /Jharkhand	0.00	0.00
ओडिशा /Odisha	6.00	7.18
सिक्किम /Sikkim	0.00	0.00
पश्चिम बंगाल /West Bengal	0.00	0.00
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	6.00	7.18
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION		
अरुणाचल प्रदेश /Arunachal Pradesh	0.00	0.00
असम /Assam	0.00	0.00
मणिपुर /Manipur	0.00	0.00
मेघालय /Meghalaya	0.00	0.00
मिज़ोरम /Mizoram	0.00	0.00
नागालैंड /Nagaland	0.00	0.00
त्रिपुरा /Tripura	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	0.00	0.00
सम्पूर्ण भारत (कुल /)(ALL INDIA TOTAL	295.62	317.66

Name of State/UT	Bagasse Power Generation(MU) Apr'2023	Bagasse Power Generation(MU) Apr'2022
उत्तरी क्षेत्र / NORTHERN REGION		
चंडीगढ़/ Chandigarh	0.00	0.00
दिल्ली / Delhi	0.00	0.00
हरियाणा / Haryana	25.62	20.96
हिमाचल प्रदेश / Himachal Pradesh	0.00	0.00
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00
लद्दाख / Ladakh	0.00	0.00
पंजाब / Punjab	26.90	31.43
राजस्थान / Rajasthan	0.00	0.00
उत्तर प्रदेश / Uttar Pradesh	378.65	397.29
उत्तराखंड / Uttarakhand	20.71	20.71
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	451.88	470.39
पश्चिमी क्षेत्र / WESTERN REGION		
छत्तीसगढ़ / Chhattisgarh	1.92	0.60
गुजरात / Gujarat	0.00	2.07
मध्य प्रदेश / Madhya Pradesh	9.93	16.65
महाराष्ट्र / Maharashtra	199.38	542.69
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00
गोवा / Goa	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	211.23	562.01
दक्षिणी क्षेत्र / SOUTHERN REGION		
आन्ध्र प्रदेश / Andhra Pradesh	5.79	29.77
तेलंगाना / Telangana	11.43	6.69
कर्नाटक / Karnataka	224.43	292.34
केरल / Kerala	7.12	2.43
तमिल नाडू / Tamil Nadu	76.55	77.41
लक्षद्वीप /Lakshadweep	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00

Name of State/UT	Bagasse Power Generation(MU) Apr'2023	Bagasse Power Generation(MU) Apr'2022
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	325.32	408.64
पूर्वी क्षेत्र/ EASTERN REGION		
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00
बिहार / Bihar	11.89	0.00
झारखण्ड / Jharkhand	0.00	0.00
ओडिशा/ Odisha	0.00	0.00
सिक्किम / Sikkim	0.00	0.00
पश्चिम बंगाल / West Bengal	0.00	0.00
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	11.89	0.00
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION		
अरुणाचल प्रदेश / Arunachal Pradesh	0.00	0.00
असम / Assam	0.00	0.00
मणिपुर / Manipur	0.00	0.00
मेघालय / Meghalaya	0.00	0.00
मिज़ोरम / Mizoram	0.00	0.00
नागालैंड / Nagaland	0.00	0.00
त्रिपुरा / Tripura	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	0.00	0.00
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	1000.32	1441.05

State wise Small Hydro Power (up to 25 MW Installed Capacity) Generation

Name of State/UT	Small Hydro Power Generation(MU) Apr'2023	Small Hydro Power Generation(MU) Apr'2022
उत्तरी क्षेत्र / NORTHERN REGION		
चंडीगढ़/ Chandigarh	0.00	0.00
दिल्ली / Delhi	0.00	0.00
हरियाणा / Haryana	6.36	22.16
हिमाचल प्रदेश / Himachal Pradesh	181.44	199.55
जम्मू कश्मीर / Jammu & Kashmir	39.96	43.23
लद्दाख / Ladakh	0.00	0.00
पंजाब / Punjab	36.25	59.17
राजस्थान / Rajasthan	0.00	0.10
उत्तर प्रदेश / Uttar Pradesh	7.40	7.89
उत्तराखंड / Uttarakhand	29.45	29.45
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	300.85	361.55
पश्चिमी क्षेत्र / WESTERN REGION		
छत्तीसगढ़ / Chhattisgarh	5.97	6.86
गुजरात / Gujarat	19.68	15.12
मध्य प्रदेश / Madhya Pradesh	28.20	12.38
महाराष्ट्र / Maharashtra	69.94	76.89
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00
गोवा / Goa	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	123.79	111.25
दक्षिणी क्षेत्र / SOUTHERN REGION		
आन्ध्र प्रदेश / Andhra Pradesh	12.99	17.10
तेलंगाना / Telangana	2.82	3.57
कर्नाटक / Karnataka	47.09	78.62
केरल / Kerala	36.42	62.09
तमिल नाडू / Tamil Nadu	8.28	8.02
लक्षद्वीप /Lakshadweep	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00

Name of State/UT	Small Hydro Power Generation(MU) Apr'2023	Small Hydro Power Generation(MU) Apr'2022
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	107.59	169.40
पूर्वी क्षेत्र/ EASTERN REGION		
अण्डमान एवं निकोबार/ Andaman Nicobar	0.01	0.73
बिहार / Bihar	0.00	0.00
झारखण्ड / Jharkhand	0.00	0.00
ओडिशा/ Odisha	19.82	15.84
सिक्किम / Sikkim	1.03	1.03
पश्चिम बंगाल / West Bengal	14.42	12.39
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	35.28	29.98
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION		
अरुणाचल प्रदेश / Arunachal Pradesh	0.08	0.42
असम / Assam	2.65	2.41
मणिपुर / Manipur	0.00	0.00
मेघालय / Meghalaya	4.73	4.26
मिज़ोरम / Mizoram	7.99	0.00
नागालैंड / Nagaland	3.24	3.13
त्रिपुरा / Tripura	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	18.69	10.22
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	586.21	682.40

State wise Others (Waste to energy) Power Generation

Name of State/UT	Others Power Generation(MU) Apr'2023	Others Power Generation(MU) Apr'2022
उत्तरी क्षेत्र / NORTHERN REGION		
चंडीगढ़/ Chandigarh	0.00	0.00
दिल्ली / Delhi	43.74	21.81
हरियाणा / Haryana	5.13	4.55
हिमाचल प्रदेश / Himachal Pradesh	0.00	0.00
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00
लद्दाख / Ladakh	0.00	0.00
पंजाब / Punjab	0.00	0.00
राजस्थान / Rajasthan	0.00	0.00
उत्तर प्रदेश / Uttar Pradesh	6.70	7.90
उत्तराखंड / Uttarakhand	0.00	0.00
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	55.57	34.26
पश्चिमी क्षेत्र / WESTERN REGION		
छत्तीसगढ़ / Chhattisgarh	0.00	0.00
गुजरात / Gujarat	0.00	2.24
मध्य प्रदेश / Madhya Pradesh	2.80	3.33
महाराष्ट्र / Maharashtra	0.01	0.07
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00
गोवा / Goa	0.42	0.42
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	3.23	6.07
दक्षिणी क्षेत्र / SOUTHERN REGION		
आन्ध्र प्रदेश / Andhra Pradesh	25.39	19.77
तेलंगाना / Telangana	11.60	14.90
कर्नाटक / Karnataka	0.00	0.00
केरल / Kerala	0.00	0.00
तमिल नाडू / Tamil Nadu	0.00	0.00
लक्षद्वीप /Lakshadweep	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00

Name of State/UT	Others Power Generation(MU) Apr'2023	Others Power Generation(MU) Apr'2022
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	36.99	34.67
पूर्वी क्षेत्र/ EASTERN REGION		
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00
बिहार / Bihar	0.00	0.00
झारखण्ड / Jharkhand	0.00	0.00
ओडिशा/ Odisha	0.00	0.00
सिक्किम / Sikkim	0.00	0.00
पश्चिम बंगाल / West Bengal	128.71	140.57
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	128.71	140.57
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION		
अरुणाचल प्रदेश / Arunachal Pradesh	0.00	0.00
असम / Assam	0.00	0.00
मणिपुर / Manipur	0.62	0.00
मेघालय / Meghalaya	0.00	0.00
मिज़ोरम / Mizoram	0.00	0.00
नागालैंड / Nagaland	0.00	0.00
त्रिपुरा / Tripura	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	0.62	0.00
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	225.12	215.57

State wise Large Hydro Power Generation

Name of State/UT	Large Hydro Power Generation(MU) Apr'2023	Large Hydro Power Generation(MU) Apr'2022
उत्तरी क्षेत्र / NORTHERN REGION		
चंडीगढ़/ Chandigarh	0.00	0.00
दिल्ली / Delhi	0.00	0.00
हरियाणा / Haryana	0.00	0.00
हिमाचल प्रदेश / Himachal Pradesh	1832.75	2447.17
जम्मू कश्मीर / Jammu & Kashmir	1498.42	1697.50
लद्दाख / Ladakh	15.61	18.24
पंजाब / Punjab	217.46	229.98
राजस्थान / Rajasthan	3.13	10.82
उत्तर प्रदेश / Uttar Pradesh	25.03	68.84
उत्तराखंड / Uttarakhand	699.75	1046.57
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	4292.15	5519.12
पश्चिमी क्षेत्र / WESTERN REGION		
छत्तीसगढ़ / Chhattisgarh	22.33	38.48
गुजरात / Gujarat	154.53	174.04
मध्य प्रदेश / Madhya Pradesh	154.77	383.08
महाराष्ट्र / Maharashtra	648.43	839.75
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00
गोवा / Goa	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	980.06	1435.35
दक्षिणी क्षेत्र / SOUTHERN REGION		
आन्ध्र प्रदेश / Andhra Pradesh	116.95	173.50
तेलंगाना / Telangana	51.92	69.90
कर्नाटक / Karnataka	1083.31	1391.34
केरल / Kerala	565.69	775.55
तमिल नाडू / Tamil Nadu	245.95	241.15
लक्षद्वीप /Lakshadweep	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00

Name of State/UT	Large Hydro Power Generation(MU) Apr'2023	Large Hydro Power Generation(MU) Apr'2022
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	2063.82	2651.44
पूर्वी क्षेत्र/ EASTERN REGION		
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00
बिहार / Bihar	0.00	0.00
झारखण्ड / Jharkhand	10.67	7.17
ओडिशा/ Odisha	368.73	484.40
सिक्किम / Sikkim	545.25	872.89
पश्चिम बंगाल / West Bengal	178.20	240.05
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	1102.85	1604.51
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION		
अरुणाचल प्रदेश / Arunachal Pradesh	219.89	231.56
असम / Assam	10.89	12.54
मणिपुर / Manipur	7.05	11.52
मेघालय / Meghalaya	40.42	69.43
मिज़ोरम / Mizoram	10.43	3.45
नागालैंड / Nagaland	1.41	2.04
त्रिपुरा / Tripura	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	290.09	330.54
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	8728.97	11540.96



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