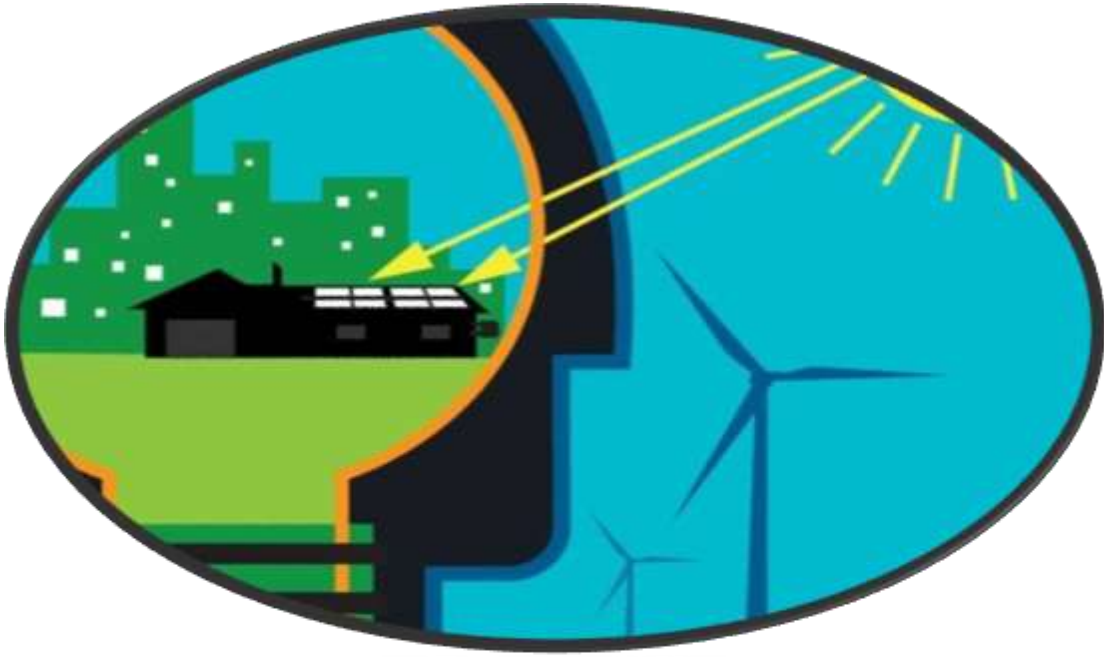




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

Monthly Renewable Energy Generation Report



सितम्बर 2022

September 2022

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Summary of All India Total Renewable Energy Generation

Source	Installed Capacity (MW) (As on 30 .09.2022)	RE Generation (MU) September '2022	RE Generation (MU) September '2021	% of same period Last Year	RE Generation (MU) April'2022-September '2022	RE Generation (MU) April'2021-September '2021	% of same period Last Year
पवन/Wind	41666.08	6654.49	6981.27	95.32	49624.91	48294.82	102.75
सौर/Solar	60813.9	8207.73	5409.09	151.74	48013.27	34151.69	140.59
बायोमास/Biomass	10205.61	172.31	252.72	68.18	1520.73	1764.43	86.19
बगास/Bagasse		164.80	138.70	118.82	3090.92	2421.87	127.63
लघु जल विद्युत्/Small Hydro	4899.50	1539.55	1525.11	100.95	6327.35	5943.59	106.46
अन्य/Others	495.23	204.41	181.98	112.33	1248.14	1042.31	119.75
कुल/Total	118080.32	16943.29	14488.86	116.94	109825.32	93618.70	117.31

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) September 2022	RE Generation(MU) September 2021	RE Generation(MU) April 2022- September 2022	RE Generation(MU) April 2021- September'2021
उत्तरी क्षेत्र / NORTHERN REGION				
चंडीगढ़/ Chandigarh	0.19	0.22	5.82	7.28
दिल्ली / Delhi #	44.87	44.71	266.56	216.47
हरियाणा / Haryana *	140.41	89.31	842.46	461.54
हिमाचल प्रदेश / Himachal Pradesh	418.00	338.49	1766.03	1265.04
जम्मू कश्मीर / Jammu & Kashmir	45.29	37.40	260.12	281.11
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	307.73	366.04	1766.15	1872.28
राजस्थान / Rajasthan	3572.86	1487.95	20783.03	11471.19
उत्तर प्रदेश / Uttar Pradesh	313.77	271.57	2585.66	2090.90
उत्तराखंड / Uttarakhand *	77.81	71.67	466.86	430.02
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	4920.93	2707.36	28742.69	18095.83
पश्चिमी क्षेत्र / WESTERN REGION				
छत्तीसगढ़ / Chhattisgarh	138.44	166.94	893.04	966.29
गुजरात / Gujarat	1956.22	1498.49	16437.55	13999.51
मध्य प्रदेश / Madhya Pradesh	686.28	572.73	5169.85	4954.70
महाराष्ट्र / Maharashtra	1035.84	1163.61	8771.02	7986.93
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	1.25	6.06	22.42	43.27
गोवा / Goa *	1.94	0.10	8.34	0.64
उप-कुल पश्चिमी क्षेत्र / Sub Total (WR)	3819.97	3407.92	31302.21	27951.35
दक्षिणी क्षेत्र / SOUTHERN REGION				
आन्ध्र प्रदेश / Andhra Pradesh	1443.09	1646.21	9841.90	9536.16
तेलंगाना / Telangana	525.59	548.11	3500.46	3530.12
कर्नाटक / Karnataka	2355.70	2783.60	15207.03	15512.18
केरल / Kerala	212.76	155.18	991.77	829.04
तमिल नाडू / Tamil Nadu	3291.43	2928.50	18253.92	16469.81
लक्षद्वीप /Lakshadweep *	0.01	0.02	0.06	0.15
पुडुचेरी / Puducherry*	1.02	1.02	6.12	6.12
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	7829.59	8062.65	47801.25	45883.57

पूर्वी क्षेत्र/ EASTERN REGION				
अण्डमान एवं निकोबार/ Andaman Nicobar*	3.54	3.02	20.21	16.33
बिहार / Bihar	12.66	14.77	95.14	86.05
झारखण्ड / Jharkhand	1.25	1.34	10.57	9.18
ओडिशा/ Odisha	127.72	105.75	587.94	555.21
सिक्किम / Sikkim *	1.03	1.03	6.18	6.18
पश्चिम बंगाल / West Bengal	166.54	158.87	984.13	891.10
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	312.75	284.78	1704.16	1564.06
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION				
अरुणाचल प्रदेश / Arunachal Pradesh *	4.61	0.17	23.28	1.03
असम / Assam	25.76	10.31	125.60	53.39
मणिपुर / Manipur	0.75	0.46	4.24	3.42
मेघालय / Meghalaya	5.42	4.56	49.60	21.75
मिज़ोरम / Mizoram	8.26	3.23	12.71	9.11
नागालैंड / Nagaland	14.73	6.90	56.47	30.89
त्रिपुरा / Tripura	0.51	0.51	3.11	4.31
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	60.05	26.14	275.00	123.89
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	16943.29	14488.86	109825.32	93618.70

1. Data as received from SLDC of the respective states or from the electricity department.

2. Figure given above indicates gross 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 August 2022 .

Generation from other sources has been received .However solar power generation considered as on August 2022 .

NOTE:

1. Generation from ISGS and CPSU owned RE generating stations is included in respective state 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 September 2022

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

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Azure Power Forty One Private Limited	Rajasthan	Private	IPP	Solar	58.08
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	128.56
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	39.64
Azure Power Maple	Rajasthan	Private	IPP	Solar	35.19
Azure Power Thirty Four Private Ltd	Rajasthan	Private	IPP	Solar	29.20
Clean Solar Power	Rajasthan	Private	IPP	Solar	53.21
Clean Solar Power (Bhadla) Pvt Ldt	Rajasthan	Private	IPP	Solar	66.21
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	67.13
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	11.51
Mahindra Renewable Private Limited	Rajasthan	Private	IPP	Solar	53.45
Mega Surya Urja	Rajasthan	Private	IPP	Solar	52.90
Nindan Solar Fatehgar	Rajasthan	Private	IPP	Solar	66.00
Renew Jharkhand	Rajasthan	Private	IPP	Solar	65.09
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	10.94
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	52.79
Renew Solar Urja	Rajasthan	Private	IPP	Solar	64.55
Renew Sun Bright	Rajasthan	Private	IPP	Solar	64.68
Renew Sun Waves Private Limited	Rajasthan	Private	IPP	Solar	64.78
Renew Surya Ravi	Rajasthan	Private	IPP	Solar	31.77
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	44.54

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Tata Power Green Energy	Rajasthan	Private	IPP	Solar	42.61
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	62.49
Thar Surya1	Rajasthan	Private	IPP	Solar	32.48
Northern Region					2317.10
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	35.21
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	35.91
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	35.82
ESPL RSP Solar	Gujarat	Private	IPP	Solar	43.02
TPREL RSP Solar	Gujarat	Private	IPP	Solar	21.96
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	21.53
Powerica	Gujarat	Private	IPP	Solar	3.31
NTPC Kawas	Gujarat	Central	NTPC	Solar	6.76
GSECL	Gujarat	Private	IPP	Solar	3.31
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	39.13
Alfnar Wind	Gujarat	Private	IPP	Wind	53.16
Adani Green Energy Mp Ltd(Dayapar)	Gujarat	Private	IPP	Wind	109.93
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	47.41
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	56.89
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	0.00
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	52.03
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	63.39
Avikiran Solar India Private Limited (ASIPL)	Gujarat	Private	IPP	Wind	38.16
SITAC Wind	Gujarat	Private	IPP	Wind	48.37

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
SRIJAN Wind	Gujarat	Private	IPP	Wind	14.77
Western Region					730.06
Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	62.89
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	98.25
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	49.89
Mytra	Tamil Nadu	Private	IPP	Wind	63.38
Orange	Tamil Nadu	Private	IPP	Wind	62.00
Green Infra	Tamil Nadu	Private	IPP	Wind	78.12
Rstps Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	14.35
simhadri Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	3.83
Biwadi	Andhra Pradesh	Private	IPP	Solar	8.79
Hisar	Andhra Pradesh	Private	IPP	Solar	8.82
Karnal	Andhra Pradesh	Private	IPP	Solar	8.92
Ayana	Andhra Pradesh	Private	IPP	Solar	45.31
Azure	Andhra Pradesh	Private	IPP	Solar	7.05
FRV2	Andhra Pradesh	Private	IPP	Solar	8.30
FRV	Andhra Pradesh	Private	IPP	Solar	8.51
NTPC	Andhra Pradesh	Private	IPP	Solar	29.45
SBG	Andhra Pradesh	Private	IPP	Solar	46.08
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	44.74
Tata	Andhra Pradesh	Private	IPP	Solar	15.55
Adyah10	Karnataka	Private	IPP	Solar	52.39
Adyah13	Karnataka	Private	IPP	Solar	
Adyah1	Karnataka	Private	IPP	Solar	

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Generation (MU)
Adyah2	Karnataka	Private	IPP	Solar	
Adyah3	Karnataka	Private	IPP	Solar	
Adyah6	Karnataka	Private	IPP	Solar	
Amplus Tumkur	Karnataka	Private	IPP	Solar	8.16
Amplus	Karnataka	Private	IPP	Solar	7.99
Avaada	Karnataka	Private	IPP	Solar	25.06
Avaada Solarise	Karnataka	Private	IPP	Solar	25.17
Azure Power	Karnataka	Private	IPP	Solar	17.93
Fortum Finsurya	Karnataka	Private	IPP	Solar	15.21
Fortum	Karnataka	Private	IPP	Solar	41.81
Kredl	Karnataka	Private	IPP	Solar	7.92
Parampujya	Karnataka	Private	IPP	Solar	16.13
Renew	Karnataka	Private	IPP	Solar	8.06
SBG	Karnataka	Private	IPP	Solar	35.09
Tata	Karnataka	Private	IPP	Solar	65.95
Yarrow	Karnataka	Private	IPP	Solar	8.13
Southern Region					999.26
All India Total					4046.42

Note -

1. Generation from ISGS Projects is prepared from block wise data received from RPCs.

*Generation including self-consumption and Injection into grid.

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

Renewable Energy Generation from CPSU Plants

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September'2022	RE Generation (MU)' September 2021	RE Generation (MU) April'2022-September2022	RE Generation (MU) April'2021-September '2021
NTPC							
NTPC Faridabad_Solar	Haryana	5.00	Solar	0.40	0.53	3.39	3.54
NTPC Bhadla	Rajasthan	260.00	Solar	37.86	31.97	219.84	225.92
NTPC Jetsar	Rajasthan	160.00	Solar	32.23	0.00	193.20	0.00
NTPC Fatehgarh	Rajasthan	296.00	Solar	68.01	0.00	324.40	0.00
NTPC Dadri_Solar *	Uttar Pradesh	5.00	Solar	0.44	0.46	3.34	3.41
NTPC Unchahar_Solar *	Uttar Pradesh	10.00	Solar	1.00	0.91	7.14	6.17
NTPC Singrauli_Solar *	Uttar Pradesh	15.00	Solar	1.44	1.54	10.43	10.01
NTPC Auraiya	Uttar Pradesh	40.00	Solar	4.45	2.59	19.82	17.31
NTPC Singrauli	Uttar Pradesh	8.00	Small Hydro	3.22	0.00	16.47	13.72
NTPC Rojmal	Gujarat	50.00	Wind	6.06	7.16	67.26	57.09
NTPC Rajgarh_Solar	Madhya Pradesh	50.00	Solar	5.55	4.63	36.05	34.76
NTPC Mandsaur	Madhya Pradesh	250.00	Solar	29.05	24.08	187.96	181.60
NTPC Anantapuram	Andhra Pradesh	250.00	Solar	28.32	30.71	188.09	192.30
NTPC Ramagundam	Telangana	110.00	Solar	15.28	0.86	75.18	5.97
NTPC Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.40	0.34	2.61	2.44
NTPC Talchar_Solar	Orissa	10.00	Solar	0.98	0.92	6.53	6.53
NTPC Solar_Bilhaur	Uttar Pradesh	225.00	Solar	37.57	37.47	262.87	232.86
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	3.84	2.91	24.73	5.60
Kayamkulam	Kerala	92.00	Solar	17.06	0.00	64.96	0.00
Kawas	Gujarat	35.00	Solar	6.76	0.00	21.91	0.00
Gandhar	Gujarat	10.00	Solar	0.80	0.00	1.00	0.00
Shambu ki Burj-I	Rajasthan	250.00	Solar	51.43	0.00	88.34	0.00

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September'2022	RE Generation (MU)' September 2021	RE Generation (MU) April'2022-September2022	RE Generation (MU) April'2021-September '2021
Shambu ki Burj-II	Rajasthan	150.00	Solar	0.57	0.00	0.57	0.00
Total NTPC		2311.00		352.72	147.08	1826.09	999.23
THDC							
THDC Patan Wind Power Project	Gujarat	50.00	Wind	4.49	3.22	51.61	50.52
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	6.88	10.47	85.36	90.71
THDC Solar Kasaragod	Kerala	50.00	Solar	7.53	7.22	39.96	37.30
THDCIL's premises at Rishikesh	Uttar Pradesh	0.50	Solar	0.04	0.03	0.28	0.18
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	12.73	11.64	38.14	25.37
Total THDC		187.50		31.67	32.58	215.35	204.08
NHPC							
NHPC Wind Power Project	Rajasthan	50.00	Wind	6.10	3.21	52.72	52.56
NHPC Solar Power Project	Tamilnadu	50.00	Solar	8.03	7.67	46.53	46.26
Total NHPC		100.00		14.12	10.88	99.24	98.81
ONGC							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	5.02	6.12	55.15	66.01
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	10.12	5.23	95.41	103.77
ONGC Solar, Goa	Goa	1.00	Solar	0.11	0.12	0.63	0.66
ONGC Solar, Hazira	Gujarat	10.00	Solar	0.94	0.79	6.91	6.86
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.66	0.21	4.36	3.15
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.07	0.08	0.46	0.56
ONGS Solar, SPP of Assam	Assam	1.09	Solar	0.13	0.12	0.71	0.65
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.52	0.00	3.53	0.54

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September'2022	RE Generation (MU)' September 2021	RE Generation (MU) April'2022-September2022	RE Generation (MU) April'2021-September '2021
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.44	0.52	2.54	2.79
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.14	0.14	0.83	0.83
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.24	Solar	0.11	0.09	0.75	0.70
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.02	0.02	0.14	0.14
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.10	0.01
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.01	0.04	0.04
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.03	0.00	0.15	0.00
Total ONGC		184.05		18.30	13.45	171.72	186.71
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	3.13	8.07	42.75	38.72
Sadla Wind Power	Gujarat	50.00	Solar	5.59	6.07	61.92	60.82
Charanka Solar Power	Gujarat	5.60	Solar	0.63	0.56	3.80	4.06
Wadhal Solar Power Project	Gujarat	1.00	Solar	0.09	0.00	0.77	0.00
Total SJVN		104.20		9.44	14.70	109.24	103.60
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.09	1.85	12.37	12.31
Oil India Ltd	Rajasthan	67.60	Wind	6.71	3.30	55.64	52.79
Oil India Ltd	Gujarat	43.30	Wind	5.56	6.95	56.07	50.99
Oil India Ltd	Madhya Pradesh	63.20	Wind	8.67	6.92	66.10	78.41
Total Oil India Ltd		188.10		23.03	19.02	190.17	194.50
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.51	0.50	3.11	2.78
DVC							

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) September'2022	RE Generation (MU)' September 2021	RE Generation (MU) April'2022-September2022	RE Generation (MU) April'2021-September '2021
DVC	West Bangal	0.08	Solar	0.01	2.81	0.05	2.85
DVC	Jharkhand	4.00	Small Hydro	0.00	0.01	0.00	6.92
Total DVC		4.08		0.01	2.81	0.05	9.77
All India Total		2865.13		457.15	241.02	2596.89	1799.50

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

*Generation including self consumption and Injection into grid.

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) September 2022	Wind Power Generation(MU) September 2021	Wind Power Generation(MU) April 2022-	Wind Power Generation(MU) April 2021-
उत्तरी क्षेत्र / NORTHERN REGION				
चंडीगढ़/ Chandigarh	0.00	0.00	0.00	0.00
दिल्ली / Delhi	0.00	0.00	0.00	0.00
हरियाणा / Haryana	0.00	0.00	0.00	0.00
हिमाचल प्रदेश / Himachal Pradesh	0.00	0.00	0.00	0.00
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00	0.00	0.00
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	0.00	0.00	0.00	0.00
राजस्थान / Rajasthan	488.82	296.85	4222.25	4519.09
उत्तर प्रदेश / Uttar Pradesh	0.00	0.00	0.00	0.00
उत्तराखंड / Uttarakhand	0.00	0.00	0.00	0.00
उप-कुल उत्तरी क्षेत्र / SUB TOTAL (NR)	488.82	296.85	4222.25	4519.09
पश्चिमी क्षेत्र / WESTERN REGION				
छत्तीसगढ़ / Chhattisgarh	0.00	0.00	0.00	0.00
गुजरात / Gujarat	1157.07	1106.05	11680.04	10974.24
मध्य प्रदेश / Madhya Pradesh	363.77	256.65	3016.76	2859.81
महाराष्ट्र / Maharashtra	625.75	827.32	5323.69	5246.35
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00
गोवा / Goa	0.00	0.00	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / SUB TOTAL (WR)	2146.59	2190.02	20020.49	19080.40
दक्षिणी क्षेत्र / SOUTHERN REGION				
आन्ध्र प्रदेश / Andhra Pradesh	741.12	983.12	5478.54	5309.93
तेलंगाना / Telangana	21.65	26.74	170.59	164.99
कर्नाटक / Karnataka	893.04	1270.42	6448.73	6760.97
केरल / Kerala	16.59	16.92	87.62	92.46
तमिल नाडू / Tamil Nadu	2346.68	2197.20	13196.68	12366.99
लक्षद्वीप /Lakshadweep	0.00	0.00	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL (SR)	4019.08	4494.40	25382.17	24695.33

Name of State/UT	Wind Power Generation(MU) September 2022	Wind Power Generation(MU) September 2021	Wind Power Generation(MU) April 2022-	Wind Power Generation(MU) April 2021-
पूर्वी क्षेत्र/ EASTERN REGION				
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00	0.00	0.00
बिहार / Bihar	0.00	0.00	0.00	0.00
झारखण्ड / Jharkhand	0.00	0.00	0.00	0.00
ओडिशा/ Odisha	0.00	0.00	0.00	0.00
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
पश्चिम बंगाल / West Bengal	0.00	0.00	0.00	0.00
उप-कुल पूर्वी क्षेत्र / SUB TOTAL ER	0.00	0.00	0.00	0.00
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION				
अरुणाचल प्रदेश / Arunachal Pradesh	0.00	0.00	0.00	0.00
असम / Assam	0.00	0.00	0.00	0.00
मणिपुर / Manipur	0.00	0.00	0.00	0.00
मेघालय / Meghalaya	0.00	0.00	0.00	0.00
मिज़ोरम / Mizoram	0.00	0.00	0.00	0.00
नागालैंड / Nagaland	0.00	0.00	0.00	0.00
त्रिपुरा / Tripura	0.00	0.00	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	0.00	0.00	0.00	0.00
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	6654.49	6981.27	49624.91	48294.82

State wise Solar Power Generation

Name of State/UT	Solar Power Generation(MU) September'2022	Solar Power Generation(MU) September'2021	Solar Power Generation(MU) April'2022-September'2022	Solar Power Generation(MU) April'2021-September'2021
उत्तरी क्षेत्र / NORTHERN REGION				
चंडीगढ़/ Chandigarh	0.19	0.22	5.82	7.28
दिल्ली / Delhi	22.64	20.04	133.26	105.60
हरियाणा / Haryana	63.04	50.57	378.24	233.10
हिमाचल प्रदेश / Himachal Pradesh	6.42	3.41	33.56	22.35
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00	0.00	1.71
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	219.73	111.89	1111.96	781.41
राजस्थान / Rajasthan	3049.90	1166.27	16370.13	6753.54
उत्तर प्रदेश / Uttar Pradesh	273.12	232.72	1814.76	1389.23
उत्तराखंड / Uttarakhand	27.65	24.63	165.90	147.78
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	3662.69	1609.75	20013.63	9442.00
पश्चिमी क्षेत्र / WESTERN REGION				
छत्तीसगढ़ / Chhattisgarh	43.98	32.96	243.22	190.97
गुजरात / Gujarat	775.12	381.07	4662.77	2952.34
मध्य प्रदेश / Madhya Pradesh	265.66	280.36	1959.09	1971.92
महाराष्ट्र / Maharashtra	302.70	204.64	1810.39	1571.27
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	1.25	5.00	19.20	37.54
गोवा / Goa	1.51	0.10	5.80	0.64
उप-कुल पश्चिमी क्षेत्र / SUB TOTAL (WR)	1390.23	904.14	8700.46	6724.68
दक्षिणी क्षेत्र / SOUTHERN REGION				
आन्ध्र प्रदेश / Andhra Pradesh	622.19	608.91	4003.89	3969.59
तेलंगाना / Telangana	478.56	478.74	3181.09	3140.89
कर्नाटक / Karnataka	1045.53	1051.03	6671.21	6521.54
केरल / Kerala	66.16	39.01	326.29	229.13
तमिल नाडू / Tamil Nadu	839.18	645.21	4491.82	3648.66
लक्षद्वीप / Lakshadweep	0.01	0.02	0.06	0.15
पुडुचेरी / Puducherry	1.02	1.02	6.12	6.12
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL (SR)	3052.64	2823.94	18680.48	17516.08

पूर्वी क्षेत्र/ EASTERN REGION				
अण्डमान एवं निकोबार/ Andaman Nicobar	1.94	1.34	12.52	9.73
बिहार / Bihar	9.98	12.77	86.75	79.75
झारखण्ड / Jharkhand	1.25	1.34	10.57	8.91
ओडिशा/ Odisha	54.08	41.91	327.72	282.32
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
पश्चिम बंगाल / West Bengal	9.13	7.23	59.78	49.10
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	76.37	64.59	497.34	429.82
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION				
अरुणाचल प्रदेश / Arunachal Pradesh	4.19	0.13	21.13	0.89
असम / Assam	20.07	5.48	91.27	30.76
मणिपुर / Manipur	0.75	0.46	4.23	3.42
मेघालय / Meghalaya	0.00	0.00	0.00	0.00
मिज़ोरम / Mizoram	0.27	0.09	1.62	1.17
नागालैंड / Nagaland	0.00	0.00	0.00	0.00
त्रिपुरा / Tripura	0.51	0.51	3.11	2.87
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	25.79	6.67	121.36	39.10
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	8207.73	5409.09	48013.27	34151.69

State wise Biomass Power Generation

Name of State/UT	Biomass Power Generation(MU) September'2022	Biomass Power Generation(MU) September'2021	Biomass Power Generation(MU) April'2022- September'2022	Biomass Power Generation(MU) April'2021- September'2021
उत्तरी क्षेत्र / NORTHERN REGION				
चंडीगढ़/ Chandigarh	0.00	0.00	0.00	0.00
दिल्ली / Delhi	0.00	0.00	0.00	0.00
हरियाणा / Haryana	29.70	12.45	178.20	85.28
हिमाचल प्रदेश / Himachal Pradesh	0.00	0.00	0.00	0.00
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00	0.00	0.00
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	13.28	29.76	208.60	269.93
राजस्थान / Rajasthan	34.13	24.71	190.41	198.22
उत्तर प्रदेश / Uttar Pradesh	0.00	8.31	41.25	45.56
उत्तराखंड / Uttarakhand	0.00	0.00	0.00	0.00
उप-कुल उत्तरी क्षेत्र / SUB TOTAL(NR)	77.11	75.23	618.46	598.99
पश्चिमी क्षेत्र / WESTERN REGION				
छत्तीसगढ़ / Chhattisgarh	56.58	96.63	552.91	652.48
गुजरात / Gujarat	0.00	0.00	0.00	0.00
मध्य प्रदेश / Madhya Pradesh	0.00	0.72	6.94	0.89
महाराष्ट्र / Maharashtra	14.59	26.43	132.66	167.87
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	1.05	3.22	5.73
गोवा / Goa	0.00	0.00	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / SUB TOTAL(WR)	71.17	124.83	695.72	826.97
दक्षिणी क्षेत्र / SOUTHERN REGION				
आन्ध्र प्रदेश / Andhra Pradesh	2.92	8.15	37.93	58.18
तेलंगाना / Telangana	2.16	8.70	19.51	60.87
कर्नाटक / Karnataka	8.25	16.85	67.32	102.38
केरल / Kerala	0.00	0.00	0.00	0.00
तमिल नाडू / Tamil Nadu	10.31	10.27	64.09	63.63
लक्षद्वीप /Lakshadweep	0.00	0.00	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	23.64	43.97	188.85	285.07

पूर्वी क्षेत्र/ EASTERN REGION				
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00	0.00	0.00
बिहार / Bihar	0.00	0.00	0.00	2.14
झारखण्ड / Jharkhand	0.00	0.00	0.00	0.00
ओडिशा/ Odisha	0.39	8.69	17.69	51.26
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
पश्चिम बंगाल / West Bengal	0.00	0.00	0.00	0.00
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	0.39	8.69	17.69	53.40
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION				
अरुणाचल प्रदेश / Arunachal Pradesh	0.00	0.00	0.00	0.00
असम / Assam	0.00	0.00	0.00	0.00
मणिपुर / Manipur	0.00	0.00	0.00	0.00
मेघालय / Meghalaya	0.00	0.00	0.00	0.00
मिज़ोरम / Mizoram	0.00	0.00	0.00	0.00
नागालैंड / Nagaland	0.00	0.00	0.00	0.00
त्रिपुरा / Tripura	0.00	0.00	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	0.00	0.00	0.00	0.00
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	172.31	252.72	1520.73	1764.43

State wise Bagasse Power Generation

Name of State/UT	Bagasse Power Generation(MU) September'2022	Bagasse Power Generation(MU) September'2021	Bagasse Power Generation(MU) April'2022- September'2022	Bagasse Power Generation(MU) April'2021- September'2021
उत्तरी क्षेत्र / NORTHERN REGION				
चंडीगढ़/ Chandigarh	0.00	0.00	0.00	0.00
दिल्ली / Delhi	0.00	0.00	0.00	0.00
हरियाणा / Haryana	20.96	0.00	125.76	14.75
हिमाचल प्रदेश / Himachal Pradesh	0.00	0.00	0.00	0.00
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00	0.00	0.00
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	0.00	0.00	44.78	36.72
राजस्थान / Rajasthan	0.00	0.00	0.00	0.00
उत्तर प्रदेश / Uttar Pradesh	3.74	3.62	590.12	580.95
उत्तराखंड / Uttarakhand	20.71	20.26	124.26	121.56
उप-कुल उत्तरी क्षेत्र / SUB TOTAL (NR)	45.41	23.88	884.92	753.98
पश्चिमी क्षेत्र / WESTERN REGION				
छत्तीसगढ़ / Chhattisgarh	0.00	0.00	0.60	0.00
गुजरात / Gujarat	0.00	0.00	2.86	2.04
मध्य प्रदेश / Madhya Pradesh	0.00	0.00	22.15	2.86
महाराष्ट्र / Maharashtra	2.03	7.94	1077.71	567.33
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00
गोवा / Goa	0.00	0.00	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / SUB TOTAL (WR)	2.03	7.94	1103.32	572.23
दक्षिणी क्षेत्र / SOUTHERN REGION				
आन्ध्र प्रदेश / Andhra Pradesh	3.08	1.04	50.00	18.27
तेलंगाना / Telangana	0.00	0.00	7.17	0.00
कर्नाटक / Karnataka	48.00	52.52	645.53	802.53
केरल / Kerala	4.29	3.96	31.18	24.12
तमिल नाडू / Tamil Nadu	61.99	49.35	368.80	250.75
लक्षद्वीप /Lakshadweep	0.00	0.00	0.00	0.00
पुडुचेरी / Puducherr	0.00	0.00	0.00	0.00
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL(SR)	117.36	106.87	1102.68	1095.66

पूर्वी क्षेत्र/ EASTERN REGION				
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00	0.00	0.00
बिहार / Bihar	0.00	0.00	0.00	0.00
झारखण्ड / Jharkhand	0.00	0.00	0.00	0.00
ओडिशा/ Odisha	0.00	0.00	0.00	0.00
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
पश्चिम बंगाल / West Bengal	0.00	0.00	0.00	0.00
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	0.00	0.00	0.00	0.00
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION				
अरुणाचल प्रदेश / Arunachal Pradesh	0.00	0.00	0.00	0.00
असम / Assam	0.00	0.00	0.00	0.00
मणिपुर / Manipur	0.00	0.00	0.00	0.00
मेघालय / Meghalaya	0.00	0.00	0.00	0.00
मिज़ोरम / Mizoram	0.00	0.00	0.00	0.00
नागालैंड / Nagaland	0.00	0.00	0.00	0.00
त्रिपुरा / Tripura	0.00	0.00	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	0.00	0.00	0.00	0.00
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	164.80	138.70	3090.92	2421.87

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

Name of State/UT	small Hydro Power Generation(MU) September'2022	small Hydro Power Generation(MU) September'2021	small Hydro Power Generation(MU) April'2022-September'2022	small Hydro Power Generation(MU) April'2021-September'2021
उत्तरी क्षेत्र / NORTHERN REGION				
चंडीगढ़/ Chandigarh	0.00	0.00	0.00	0.00
दिल्ली / Delhi	0.00	0.00	0.00	0.00
हरियाणा / Haryana	22.16	26.29	132.96	128.41
हिमाचल प्रदेश / Himachal Pradesh	411.58	335.08	1732.47	1242.69
जम्मू कश्मीर / Jammu & Kashmir	45.29	37.40	260.12	279.40
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	74.72	224.39	400.81	784.00
राजस्थान / Rajasthan	0.01	0.12	0.25	0.33
उत्तर प्रदेश / Uttar Pradesh	31.31	26.92	109.87	75.18
उत्तराखंड / Uttarakhand	29.45	26.78	176.70	160.68
उप-कुल उत्तरी क्षेत्र / SUB TOTAL (NR)	614.52	676.98	2813.18	2670.69
पश्चिमी क्षेत्र / WESTERN REGION				
छत्तीसगढ़ / Chhattisgarh	37.88	37.35	96.31	122.85
गुजरात / Gujarat	24.03	11.37	89.63	70.90
मध्य प्रदेश / Madhya Pradesh	54.75	33.50	146.97	103.78
महाराष्ट्र / Maharashtra	90.76	97.28	426.26	434.05
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00
गोवा / Goa	0.00	0.00	0.00	0.00
उप-कुल पश्चिमी क्षेत्र / SUB TOTAL (WR)	207.41	179.50	759.18	731.57
दक्षिणी क्षेत्र / SOUTHERN REGION				
आन्ध्र प्रदेश / Andhra Pradesh	47.79	40.00	135.27	139.80
तेलंगाना / Telangana	16.42	11.62	43.91	34.44
कर्नाटक / Karnataka	360.89	392.79	1374.23	1324.76
केरल / Kerala	125.72	95.29	546.67	483.33
तमिल नाडू / Tamil Nadu	33.27	26.47	132.53	139.78
लक्षद्वीप /Lakshadweep	0.00	0.00	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL (SR)	584.08	566.17	2232.61	2122.11

पूर्वी क्षेत्र/ EASTERN REGION				
अण्डमान एवं निकोबार/ Andaman Nicobar	1.60	1.69	7.69	6.60
बिहार / Bihar	2.68	2.00	8.39	4.16
झारखण्ड / Jharkhand	0.00	0.00	0.00	0.27
ओडिशा/ Odisha	73.26	55.14	242.52	221.63
सिक्किम / Sikkim	1.03	1.03	6.18	6.18
पश्चिम बंगाल / West Bengal	20.71	23.13	103.97	95.59
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	99.28	82.99	368.74	334.43
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION				
अरुणाचल प्रदेश / Arunachal Pradesh	0.42	0.04	2.15	0.14
असम / Assam	5.69	4.83	34.33	22.63
मणिपुर / Manipur	0.00	0.00	0.00	0.00
मेघालय / Meghalaya	5.42	4.56	49.60	21.75
मिज़ोरम / Mizoram	7.99	3.15	11.09	7.94
नागालैंड / Nagaland	14.73	6.90	56.47	30.89
त्रिपुरा / Tripura	0.00	0.00	0.00	1.44
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	34.26	19.48	153.64	84.79
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	1539.55	1525.11	6327.35	5943.59

State wise Others(Waste to energy) Power Generation

Name of State/UT	Others Power Generation(MU) September'2022	Others Power Generation(MU) September'2021	Others Power Generation(MU) April'2022-September'2022	Others Power Generation(MU) April'2021-September'2021
उत्तरी क्षेत्र / NORTHERN REGION				
चंडीगढ़/ Chandigarh	0.00	0.00	0.00	0.00
दिल्ली / Delhi	22.23	24.67	133.30	110.87
हरियाणा / Haryana	4.55	0.00	27.30	0.00
हिमाचल प्रदेश / Himachal Pradesh	0.00	0.00	0.00	0.00
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00	0.00	0.00
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	0.00	0.00	0.00	0.22
राजस्थान / Rajasthan	0.00	0.00	0.00	0.00
उत्तर प्रदेश / Uttar Pradesh	5.59	0.00	29.66	0.00
उत्तराखंड / Uttarakhand	0.00	0.00	0.00	0.00
उप-कुल उत्तरी क्षेत्र / SUB TOTAL (NR)	32.37	24.67	190.26	111.09
पश्चिमी क्षेत्र / WESTERN REGION				
छत्तीसगढ़ / Chhattisgarh	0.00	0.00	0.00	0.00
गुजरात / Gujarat	0.00	0.00	2.24	0.00
मध्य प्रदेश / Madhya Pradesh	2.10	1.50	17.94	15.45
महाराष्ट्र / Maharashtra	0.01	0.00	0.32	0.05
दादर व नगर हवेली और दमन और दिउ / Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	0.00
गोवा / Goa	0.42	0.00	2.54	0.00
उप-कुल पश्चिमी क्षेत्र / SUB TOTAL (WR)	2.54	1.50	23.04	15.49
दक्षिणी क्षेत्र / SOUTHERN REGION				
आन्ध्र प्रदेश / Andhra Pradesh	25.99	4.99	136.27	40.39
तेलंगाना / Telangana	6.81	22.31	78.19	128.93
कर्नाटक / Karnataka	0.00	0.00	0.00	0.00
केरल / Kerala	0.00	0.00	0.00	0.00
तमिल नाडू / Tamil Nadu	0.00	0.00	0.00	0.00
लक्षद्वीप /Lakshadweep	0.00	0.00	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00
उप-कुल दक्षिणी क्षेत्र / SUB TOTAL (SR)	32.80	27.30	214.46	169.32

पूर्वी क्षेत्र/ EASTERN REGION				
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00	0.00	0.00
बिहार / Bihar	0.00	0.00	0.00	0.00
झारखण्ड / Jharkhand	0.00	0.00	0.00	0.00
ओडिशा/ Odisha	0.00	0.00	0.00	0.00
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
पश्चिम बंगाल / West Bengal	136.70	128.51	820.38	746.41
उप-कुल पूर्वी क्षेत्र / SUB TOTAL (ER)	136.70	128.51	820.38	746.41
उत्तर-पूर्वी क्षेत्र / NORTH-EASTERN REGION				
अरुणाचल प्रदेश / Arunachal Pradesh	0.00	0.00	0.00	0.00
असम / Assam	0.00	0.00	0.00	0.00
मणिपुर / Manipur	0.00	0.00	0.01	0.00
मेघालय / Meghalaya	0.00	0.00	0.00	0.00
मिज़ोरम / Mizoram	0.00	0.00	0.00	0.00
नागालैंड / Nagaland	0.00	0.00	0.00	0.00
त्रिपुरा / Tripura	0.00	0.00	0.00	0.00
उप-कुल उत्तर-पूर्वी क्षेत्र / SUB TOTAL (NER)	0.00	0.00	0.01	0.00
सम्पूर्ण भारत (कुल)/ ALL INDIA TOTAL	204.41	181.98	1248.14	1042.31



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