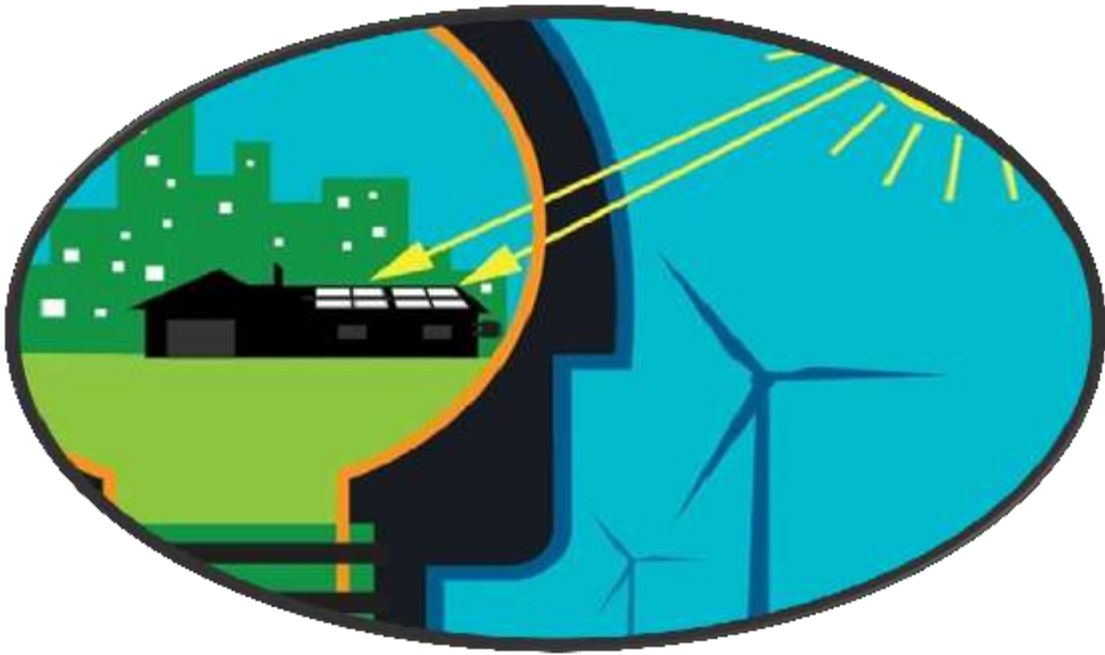




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग
Renewable Energy Project Monitoring Division

मासिक नवीकरणीय ऊर्जा उत्पादन रिपोर्ट

Monthly Renewable Energy Generation Report



March 2022

मार्च 2022

Date of Issue: - 28.04.2022

Sub Report: -1

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Summary of All India Total Renewable Energy Generation

Source	Installed Capacity (MW) (As on 31.03.2022)	RE Generation (MU) March'2022	RE Generation (MU) March '2021	% of same period Last Year	RE Generation (MU) April'2021-March '2022	RE Generation (MU) April'2020-March '2021	% of same period Last Year
पवन/Wind	40357.58	4006.84	3531.85	113.45	68640.07	60149.95	114.11
सौर/Solar	53996.54	8338.23	6754.25	123.45	73483.94	60402.25	121.66
बायोमास/Biomass	10205.61	339.70	324.62	104.65	3482.70	3512.98	99.14
बगास/Bagasse		2107.52	1532.39	137.53	12573.88	11302.85	111.25
लघु जल विद्युत्/Small Hydro	4848.90	639.07	450.52	141.85	10463.54	10258.41	102.00
अन्य/Others	476.75	211.71	175.53	120.61	2268.17	1621.06	139.92
कुल/Total	109885.38	15643.06	12769.16	122.51	170912.30	147247.51	116.07

State wise Renewable Energy Generation

Name of State/UT	RE Generation(MU) March'2022	RE Generation(MU) March'2021	RE Generation(MU) April'2021- March 2022	RE Generation(MU) April'2020- March 2021
उत्तरी क्षेत्र / Northern Region				
चंडीगढ़/ Chandigarh	0.99	1.71	14.19	10.16
दिल्ली / Delhi	38.64	37.11	458.74	426.70
हरियाणा / Haryana	140.41	76.46	1135.42	760.75
हिमाचल प्रदेश / Himachal Pradesh	112.56	59.43	2043.76	2160.30
जम्मू कश्मीर / Jammu & Kashmir	40.27	22.76	415.81	439.29
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	294.89	240.77	3242.15	2864.47
राजस्थान / Rajasthan	2941.35	1505.72	24099.31	16516.35
उत्तर प्रदेश / Uttar Pradesh	928.22	813.95	6328.93	5747.78
उत्तराखंड / Uttarakhand	77.81	71.67	872.32	1236.85
उप-कुल / Sub Total	4575.13	2829.58	38610.64	30162.65
पश्चिमी क्षेत्र / Western Region				
छत्तीसगढ़ / Chhattisgarh	193.48	167.77	1938.21	1633.89
गुजरात / Gujarat	2160.22	1553.31	24839.53	17976.99
मध्य प्रदेश / Madhya Pradesh	773.06	800.77	8716.73	8517.85
महाराष्ट्र / Maharashtra	1595.33	1749.73	15845.65	14232.49
दमन और दिउ / Daman & Diu	5.79	0.74	49.16	11.96
दादर व नगर हवेली / Dadra & Nagar Haveli	4.40	5.70	47.67	40.04
गोवा / Goa	2.78	0.15	16.82	1.46
उप-कुल / Sub Total	4735.05	4278.16	51453.77	42414.69
दक्षिणी क्षेत्र / Southern Region				
आन्ध्र प्रदेश / Andhra Pradesh	1231.39	1306.58	15662.61	14133.82
तेलंगाना / Telangana	742.00	707.64	7345.90	6933.09
कर्नाटक / Karnataka	2382.79	2157.44	28634.28	27850.31
केरल / Kerala	131.35	68.32	1614.62	1092.11
तमिल नाडू / Tamil Nadu	1529.85	1160.43	24061.28	21658.97
लक्षद्वीप /Lakshadweep	0.01	0.02	0.30	0.45
पुडुचेरी / Puducherry	1.02	1.02	12.24	6.39
उप-कुल / Sub Total	6018.41	5401.45	77331.23	71675.14

Name of State/UT	RE Generation(MU) March'2022	RE Generation(MU) March'2021	RE Generation(MU) April'2021- March 2022	RE Generation(MU) April'2020- March 2021
पूर्वी क्षेत्र/ Eastern Region				
अण्डमान एवं निकोबार/ Andaman Nicobar	3.03	3.43	34.77	39.51
बिहार / Bihar	27.91	13.69	239.83	226.61
झारखण्ड / Jharkhand	2.04	1.89	28.71	26.47
ओडिशा/ Odisha	90.50	77.91	1081.10	877.77
पश्चिम बंगाल / West Bengal	164.41	144.64	1845.08	1530.69
सिक्किम / Sikkim*	1.03	1.03	12.35	55.96
उप-कुल / Sub Total	288.92	242.60	3241.85	2757.01
उत्तर-पूर्वी क्षेत्र / North-Eastern Region				
अरुणाचल प्रदेश / Arunachal Pradesh	0.24	0.20	2.13	2.10
असम / Assam	13.98	7.34	122.10	51.51
मणिपुर / Manipur	0.68	0.46	6.72	7.71
मेघालय / Meghalaya	3.77	4.03	44.68	56.79
मिज़ोरम / Mizoram	3.10	0.24	28.09	33.52
नागालैंड / Nagaland	3.22	3.15	63.47	70.77
त्रिपुरा / Tripura	0.57	1.97	7.62	15.62
उप-कुल / Sub Total	25.56	17.39	274.81	238.02
सम्पूर्ण भारत (कुल)/ All India Total	15643.06	12769.16	170912.30	147247.51

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 January 2022

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

State wise Wind Power Generation

Name of State/UT	Wind Power Generation(MU) March'2022	Wind Power Generation(MU) March'2021	Wind Power Generation(MU) April'2021- March'2022	Wind Power Generation(MU) April'2020- March'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	435.42	486.81	6493.19	5708.24
उत्तर प्रदेश / Uttar Pradesh	0.00	0.00	0.00	0.00
उत्तराखंड / Uttarakhand	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	435.42	486.81	6493.19	5708.24
पश्चिमी क्षेत्र / Western Region				
छत्तीसगढ़ / Chhattisgarh	0.00	0.00	0.00	0.00
गुजरात / Gujarat	1375.64	1000.05	17854.77	13058.12
मध्य प्रदेश / Madhya Pradesh	289.10	345.19	4346.66	3913.44
महाराष्ट्र / Maharashtra	344.59	315.61	7085.98	6384.56
दमन और दिउ / Daman & Diu	0.00	0.00	0.00	0.00
दादर व नगर हवेली / Dadra & Nagar	0.00	0.00	0.00	0.00
गोवा / Goa	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	2009.33	1660.84	29287.41	23356.13
दक्षिणी क्षेत्र / Southern Region				
आन्ध्र प्रदेश / Andhra Pradesh	387.94	447.82	7134.58	6557.74
तेलंगाना / Telangana	17.40	16.20	275.69	220.64
कर्नाटक / Karnataka	514.19	532.01	9491.62	9610.89
केरल / Kerala	13.10	5.35	136.41	130.41
तमिल नाडू / Tamil Nadu	629.46	382.83	15821.18	14564.91
लक्षद्वीप /Lakshadweep	0.00	0.00	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00

Name of State/UT	Wind Power Generation(MU) March'2022	Wind Power Generation(MU) March'2021	Wind Power Generation(MU) April'2021- March'2022	Wind Power Generation(MU) April'2020- March'2021
उप-कुल / Sub Total	1562.09	1384.20	32859.47	31084.59
पूर्वी क्षेत्र/ Eastern Region			0.00	
अण्डमान एवं निकोबार/ Andaman	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
पश्चिम बंगाल / West Bengal	0.00	0.00	0.00	0.00
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	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	1.00
त्रिपुरा / Tripura	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	0.00	0.00	0.00	1.00
सम्पूर्ण भारत (कुल)/ All India Total	4006.84	3531.85	68640.07	60149.95

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

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Solar Power Generation

Name of State/UT	Solar Power Generation(MU) March'2022	Solar Power Generation(MU) March'2021	Solar Power Generation(MU) April'2021-March'2022	Solar Power Generation(MU) April'2020-March'2021
उत्तरी क्षेत्र / Northern Region				
चंडीगढ़/ Chandigarh	0.99	1.71	14.19	10.16
दिल्ली / Delhi	20.04	15.16	225.84	189.99
हरियाणा / Haryana	63.04	34.78	572.85	162.95
हिमाचल प्रदेश / Himachal Pradesh	4.40	3.20	44.29	36.52
जम्मू कश्मीर / Jammu & Kashmir	0.00	1.59	1.71	9.42
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	169.36	126.22	1473.41	1356.48
राजस्थान / Rajasthan	2469.90	987.16	17219.88	10384.24
उत्तर प्रदेश / Uttar Pradesh	348.38	257.81	2900.41	1856.19
उत्तराखंड / Uttarakhand	27.65	24.63	301.60	329.64
उप-कुल / Sub Total	3103.76	1452.27	22754.17	14335.59
पश्चिमी क्षेत्र / Western Region				
छत्तीसगढ़ / Chhattisgarh	48.89	34.95	436.56	370.80
गुजरात / Gujarat	760.42	531.71	6774.50	4633.81
मध्य प्रदेश / Madhya Pradesh	441.02	414.97	4006.70	4202.03
महाराष्ट्र / Maharashtra	299.08	779.38	3187.18	3089.46
दमन और दिउ / Daman & Diu	5.79	0.74	49.16	11.96
दादर व नगर हवेली / Dadra & Nagar Haveli	3.22	4.60	35.35	29.52
गोवा / Goa	2.30	0.15	15.93	1.46
उप-कुल / Sub Total	1560.72	1766.51	14505.37	12339.03
दक्षिणी क्षेत्र / Southern Region				
आन्ध्र प्रदेश / Andhra Pradesh	764.52	794.43	7832.51	6956.10
तेलंगाना / Telangana	671.68	654.41	6536.94	6351.04
कर्नाटक / Karnataka	1305.30	1307.01	13169.43	13238.86
केरल / Kerala	54.58	36.29	496.93	275.44
तमिल नाडू / Tamil Nadu	763.90	654.88	7172.88	6115.48
लक्षद्वीप /Lakshadweep	0.01	0.02	0.30	0.45
पुडुचेरी / Puducherry	1.02	1.02	12.24	6.39

Name of State/UT	Solar Power Generation(MU) March'2022	Solar Power Generation(MU) March'2021	Solar Power Generation(MU)) April'2021- March'2022	Solar Power Generation(MU)) April'2020- March'2021
उप-कुल / Sub Total	3561.01	3448.06	35221.23	32943.75
पूर्वी क्षेत्र/ Eastern Region				
अण्डमान एवं निकोबार/ Andaman Nicobar	2.21	2.84	21.51	24.82
बिहार / Bihar	18.17	11.55	163.08	160.63
झारखण्ड / Jharkhand	2.04	1.62	18.21	17.16
ओडिशा/ Odisha	65.98	55.25	603.71	476.27
पश्चिम बंगाल / West Bengal	11.28	10.15	98.24	73.90
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	99.68	81.40	904.75	752.77
उत्तर-पूर्वी क्षेत्र / North-Eastern Region				
अरुणाचल प्रदेश / Arunachal Pradesh	0.19	0.15	1.72	1.54
असम / Assam	11.54	4.65	81.64	13.37
मणिपुर / Manipur	0.68	0.46	6.72	7.71
मेघालय / Meghalaya	0.00	0.00	0.47	0.00
मिज़ोरम / Mizoram	0.09	0.23	1.68	2.45
नागालैंड / Nagaland	0.00	0.00	0.00	0.00
त्रिपुरा / Tripura	0.57	0.53	6.18	6.04
उप-कुल / Sub Total	13.07	6.02	98.41	31.11
सम्पूर्ण भारत (कुल)/ All India Total	8338.23	6754.25	73483.94	60402.25

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

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Biomass Power Generation

Name of State/UT	Biomass Power Generation(MU) March'2022	Biomass Power Generation(MU) March'2021	Biomass Power Generation(MU) April'2021-March'2022	Biomass Power Generation(MU) April'2020-March'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	14.81	171.60	178.88
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	44.36	49.86	576.83	585.99
राजस्थान / Rajasthan	34.25	30.75	378.40	413.24
उत्तर प्रदेश / Uttar Pradesh	9.50	8.76	85.20	135.82
उत्तराखंड / Uttarakhand	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	117.81	104.17	1212.03	1313.92
पश्चिमी क्षेत्र / Western Region				
छत्तीसगढ़ / Chhattisgarh	137.39	118.76	1307.27	1089.32
गुजरात / Gujarat	0.00	0.00	0.00	43.15
मध्य प्रदेश / Madhya Pradesh	7.08	0.00	25.35	0.48
महाराष्ट्र / Maharashtra	27.33	25.43	316.79	328.23
दमन और दिउ / Daman & Diu	0.00	0.00	0.00	0.00
दादर व नगर हवेली / Dadra & Nagar Haveli	1.18	1.10	12.32	10.53
गोवा / Goa	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	172.97	145.29	1661.73	1471.71
दक्षिणी क्षेत्र / Southern Region				
आन्ध्र प्रदेश / Andhra Pradesh	8.06	13.76	104.85	135.21
तेलंगाना / Telangana	9.09	12.24	111.13	164.11
कर्नाटक / Karnataka	12.26	19.67	174.08	211.79
केरल / Kerala	0.00	0.00	0.00	0.00
तमिल नाडू / Tamil Nadu	10.85	17.34	116.66	152.23
लक्षद्वीप /Lakshadweep	0.00	0.00	0.00	0.00

Name of State/UT	Biomass Power Generation(MU) March'2022	Biomass Power Generation(MU) March'2021	Biomass Power Generation(MU) April'2021- March'2022	Biomass Power Generation(MU) April'2020- March'2021
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	40.26	63.01	506.71	663.34
पूर्वी क्षेत्र/ Eastern Region				
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00	0.00	0.00
बिहार / Bihar	0.00	2.14	2.14	21.30
झारखण्ड / Jharkhand	0.00	0.00	0.00	0.00
ओडिशा/ Odisha	8.66	10.01	100.08	42.71
पश्चिम बंगाल / West Bengal	0.00	0.00	0.00	0.00
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	8.66	12.15	102.22	64.01
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 / Sub Total	0.00	0.00	0.00	0.00
सम्पूर्ण भारत (कुल)/ All India Total	339.70	324.62	3482.70	3512.98

1. Data as received from SLDC of the respective states or from the electricity department.
2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Bagasse Power Generation

Name of State/UT	Bagasse Power Generation(MU) March'2022	Bagasse Power Generation(MU) March'2021	Bagasse Power Generation(MU) April'2021- March'2022	Bagasse Power Generation(MU) April'2020- March'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	20.71	96.75	142.34
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	42.11	42.00	208.30	231.50
राजस्थान / Rajasthan	0.00	0.00	0.00	0.00
उत्तर प्रदेश / Uttar Pradesh	549.00	536.79	3160.39	3590.87
उत्तराखंड / Uttarakhand	20.71	20.26	244.02	85.33
उप-कुल / Sub Total	632.78	619.76	3709.46	4050.03
पश्चिमी क्षेत्र / Western Region				
छत्तीसगढ़ / Chhattisgarh	2.08	6.37	8.70	28.25
गुजरात / Gujarat	0.87	1.20	18.16	19.37
मध्य प्रदेश / Madhya Pradesh	18.01	19.72	82.20	82.57
महाराष्ट्र / Maharashtra	840.64	540.02	4468.31	3627.43
दमन और दिउ / Daman & Diu	0.00	0.00	0.00	0.00
दादर व नगर हवेली / Dadra & Nagar Haveli	0.00	0.00	0.00	0.00
गोवा / Goa	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	861.60	567.30	4577.38	3757.61
दक्षिणी क्षेत्र / Southern Region				
आन्ध्र प्रदेश / Andhra Pradesh	12.78	9.91	72.70	67.66
तेलंगाना / Telangana	19.41	10.02	103.95	61.00
कर्नाटक / Karnataka	453.35	227.37	3338.24	2589.09
केरल / Kerala	4.29	4.36	48.92	45.68
तमिल नाडू / Tamil Nadu	115.19	93.66	657.40	581.57
लक्षद्वीप /Lakshadweep	0.00	0.00	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00

Name of State/UT	Bagasse Power Generation(MU) March'2022	Bagasse Power Generation(MU) March'2021	Bagasse Power Generation(MU) April'2021- March'2022	Bagasse Power Generation(MU) April'2020- March'2021
उप-कुल / Sub Total	605.02	345.32	4221.20	3344.99
पूर्वी क्षेत्र/ Eastern Region				
अण्डमान एवं निकोबार/ Andaman Nicobar	0.00	0.00	0.00	0.00
बिहार / Bihar	8.12	0.00	65.84	1.48
झारखण्ड / Jharkhand	0.00	0.00	0.00	0.00
ओडिशा/ Odisha	0.00	0.00	0.00	0.00
पश्चिम बंगाल / West Bengal	0.00	0.00	0.00	148.73
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	8.12	0.00	65.84	150.21
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 / Sub Total	0.00	0.00	0.00	0.00
सम्पूर्ण भारत (कुल)/ All India Total	2107.52	1532.39	12573.88	11302.85

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

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

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

Name of State/UT	small Hydro Power Generation(MU) March'2022	small Hydro Power Generation(MU) March'2021	small Hydro Power Generation(MU) April'2021-March'2022	small Hydro Power Generation(MU) April'2020-March'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	6.16	270.13	276.58
हिमाचल प्रदेश / Himachal Pradesh	108.16	56.23	1999.47	2123.78
जम्मू कश्मीर / Jammu & Kashmir	40.27	21.17	414.10	429.88
लद्दाख / Ladakh	0.00	0.00	0.00	0.00
पंजाब / Punjab	39.06	22.63	983.37	690.33
राजस्थान / Rajasthan	1.78	1.00	7.85	10.64
उत्तर प्रदेश / Uttar Pradesh	21.34	10.59	162.54	164.91
उत्तराखंड / Uttarakhand	29.45	26.78	326.70	821.88
उप-कुल / Sub Total	262.22	144.56	4164.16	4518.00
पश्चिमी क्षेत्र / Western Region				
छत्तीसगढ़ / Chhattisgarh	5.12	7.69	185.67	145.52
गुजरात / Gujarat	23.29	20.35	192.10	211.94
मध्य प्रदेश / Madhya Pradesh	13.78	16.09	221.43	281.76
महाराष्ट्र / Maharashtra	83.64	89.26	787.16	802.71
दमन और दिउ / Daman & Diu	0.00	0.00	0.00	0.00
दादर व नगर हवेली / Dadra & Nagar Haveli	0.00	0.00	0.00	0.00
गोवा / Goa	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	125.83	133.38	1386.36	1441.93
दक्षिणी क्षेत्र / Southern Region				
आन्ध्र प्रदेश / Andhra Pradesh	35.74	30.77	384.08	351.23
तेलंगाना / Telangana	7.12	6.78	91.00	67.27
कर्नाटक / Karnataka	97.69	71.37	2460.91	2199.68
केरल / Kerala	59.38	22.32	932.37	640.58
तमिल नाडू / Tamil Nadu	10.45	11.72	293.17	244.77
लक्षद्वीप / Lakshadweep	0.00	0.00	0.00	0.00
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	210.38	142.96	4161.53	3503.54

Name of State/UT	small Hydro Power Generation(MU) March'2022	small Hydro Power Generation(MU) March'2021	small Hydro Power Generation(MU) April'2021-March'2022	small Hydro Power Generation(MU) April'2020-March'2021
पूर्वी क्षेत्र/ Eastern Region				
अण्डमान एवं निकोबार/ Andaman Nicobar	0.82	0.60	13.26	16.69
बिहार / Bihar	1.62	0.00	8.77	43.20
झारखण्ड / Jharkhand	0.00	0.27	10.49	7.32
ओडिशा/ Odisha	15.86	12.66	377.31	358.80
पश्चिम बंगाल / West Bengal	8.83	3.70	152.89	107.06
सिक्किम / Sikkim	1.03	1.03	12.35	55.96
उप-कुल / Sub Total	28.15	18.25	575.08	589.04
उत्तर-पूर्वी क्षेत्र / North-Eastern Region				
अरुणाचल प्रदेश / Arunachal Pradesh	0.05	0.05	0.41	0.55
असम / Assam	2.44	2.69	40.46	38.15
मणिपुर / Manipur	0.00	0.00	0.00	0.00
मेघालय / Meghalaya	3.77	4.03	44.21	56.79
मिज़ोरम / Mizoram	3.01	0.01	26.41	31.07
नागालैंड / Nagaland	3.22	3.15	63.47	69.77
त्रिपुरा / Tripura	0.00	1.44	1.44	9.58
उप-कुल / Sub Total	12.49	11.37	176.40	205.91
सम्पूर्ण भारत (कुल)/ All India Total	639.07	450.52	10463.54	10258.41

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

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

State wise Others* Power Generation

Name of State/UT	Others Power Generation(MU) March'2022	Others Power Generation(MU) March'2021	Others Power Generation(MU) April'2021- March'2022	Others Power Generation(MU) April'2020- March'2021
उत्तरी क्षेत्र / Northern Region				
चंडीगढ़/ Chandigarh	0.00	0.00	0.00	0.00
दिल्ली / Delhi	18.60	21.95	232.89	236.71
हरियाणा / Haryana	4.55	0.00	24.09	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	0.06	0.24	0.17
राजस्थान / Rajasthan	0.00	0.00	0.00	0.00
उत्तर प्रदेश / Uttar Pradesh	0.00	0.00	20.40	0.00
उत्तराखंड / Uttarakhand	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	23.15	22.02	277.62	236.88
पश्चिमी क्षेत्र / Western Region				
छत्तीसगढ़ / Chhattisgarh	0.00	0.00	0.00	0.00
गुजरात / Gujarat	0.00	0.00	0.00	10.61
मध्य प्रदेश / Madhya Pradesh	4.07	4.80	34.40	37.57
महाराष्ट्र / Maharashtra	0.05	0.03	0.22	0.10
दमन और दिउ / Daman & Diu	0.00	0.00	0.00	0.00
दादर व नगर हवेली / Dadra & Nagar Haveli	0.00	0.00	0.00	0.00
गोवा / Goa	0.48	0.00	0.89	0.00
उप-कुल / Sub Total	4.59	4.84	35.51	48.27
दक्षिणी क्षेत्र / Southern Region				
आन्ध्र प्रदेश / Andhra Pradesh	22.35	9.89	133.88	65.88
तेलंगाना / Telangana	17.31	7.99	227.20	69.05
कर्नाटक / Karnataka	0.00	0.00	0.00	0.00
केरल / Kerala	0.00	0.00	0.00	0.01
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 / Sub Total	39.66	17.89	361.08	134.93

Name of State/UT	Others Power Generation(MU) March'2022	Others Power Generation(MU) March'2021	Others Power Generation(MU) April'2021- March'2022	Others Power Generation(MU) April'2020- March'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
पश्चिम बंगाल / West Bengal	144.31	130.79	1593.96	1200.99
सिक्किम / Sikkim	0.00	0.00	0.00	0.00
उप-कुल / Sub Total	144.31	130.79	1593.96	1200.99
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 / Sub Total	0.00	0.00	0.00	0.00
सम्पूर्ण भारत (कुल)/ All India Total	211.71	175.53	2268.17	1621.06

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

2. Figure given above indicates RE generation of all power stations (Central, State & Private Sector) located geographically in the respective State/UT.

*Others include electricity generation from waste (Municipal solid Waste) to heat.

Renewable Energy Generation from ISGS Plants for March 2022

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Unchahar Solar*	Uttar Pradesh	Central	NTPC	Solar	10	1.28
Dadri Solar*	Uttar Pradesh	Central	NTPC	Solar	5	0.66
Singrauli Solar*	Uttar Pradesh	Central	NTPC	Solar	15	1.95
Auraiya	Uttar Pradesh	Central	NTPC	Solar	20	3.44
Eden Renewable Cite Private Limited	Rajasthan	Private	IPP	Solar	300	71.37
Clean Solar Power (Bhadla) Pvt Ltd	Rajasthan	Private	IPP	Solar	350	58.31
Azure Power Forty Three Private Ltd	Rajasthan	Private	IPP	Solar	600	137.19
Adani SE4PL(Kilaj Solar)	Rajasthan	Private	IPP	Solar	300	11.86
Tata Power Renewable Energy Ltd	Rajasthan	Private	IPP	Solar	300	67.30
Mahoba Solar (Up) Private Ltd(Adani RERJL)	Rajasthan	Private	IPP	Solar	200	46.28
Acme Chittorgarh Energy Pvt Ltd.	Rajasthan	Private	IPP	Solar	300	56.54
Azure Power India Pvt Ltd	Rajasthan	Private	IPP	Solar	200	42.49
Azure Power Maple	Rajasthan	Private	IPP	Solar	257	7.05
M/S Adani Solar Energy Jodhpur Two Ltd	Rajasthan	Private	IPP	Solar	300	12.43
Azure Power Forty One Private Limited	Rajasthan	Central	IPP	Solar	175	46.15
Mahindra Renewable Private Limited	Rajasthan	Central	IPP	Solar	250	59.08
SB Energy Four Pvt Ltd	Rajasthan	Central	IPP	Solar	150	42.60
Renew Solar Power Pvt Ltd. Bikaner	Rajasthan	Private	IPP	Solar	250	57.55
Adani Hybrid Energy Jaisalmer One Limited Solar	Rajasthan	Private	IPP	Solar	360	99.45

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Renew Solar Power Pvt Ltd	Rajasthan	Private	IPP	Solar	300	11.78
SB Energy Six Private Ltd.	Rajasthan	Central	IPP	Solar	350	71.87
SBSR Power Cleantech Eleven Private Limited	Rajasthan	Private	IPP	Solar	150	16.64
Azure Power Thirty Four Private Ltd	Rajasthan	Central	IPP	Solar	300	31.25
Renew Sun Waves Private Limited	Rajasthan	Central	IPP	Solar	300	70.83
Adani Hybrid Energy Jaisalmer Four Limited	Rajasthan	Central	IPP	Solar	300	160.10
Adani Hybrid Energy Jaisalmer Three Limited	Rajasthan	Central	IPP	Solar	300	77.89
Adani Hybrid Energy Jaisalmer Two Limited	Rajasthan	Central	IPP	Solar	100	41.21
Avaada RJHN	Rajasthan	Central	IPP	Solar	300	27.61
Avaada Sunce	Rajasthan	Central	IPP	Solar	126	43.32
Avaada Sustainable	Rajasthan	Central	IPP	Solar	200	28.83
Ayana Renewable One	Rajasthan	Central	IPP	Solar	140	54.30
Nindan Solar Fatehgar	Rajasthan	Central	IPP	Solar	300	37.73
Renew Jharkhand	Rajasthan	Central	IPP	Solar	300	69.53
Renew Solar Urja	Rajasthan	Central	IPP	Solar	300	68.95
Renew Surya Ravi	Rajasthan	Central	IPP	Solar	150	27.65
Thar Suryal	Rajasthan	Central	IPP	Solar	54	3.63
Renew Sun Bright	Rajasthan	Central	IPP	Solar	300	70.42
Northern Region					8612.00	1736.52
Arinsun Solar (Barsaitadesh)	Madhya Pradesh	Private	IPP	Solar	250	53.45
Acme Solar (Ramnagar)	Madhya Pradesh	Private	IPP	Solar	250	53.48

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Mahindra Solar (Badwar)	Madhya Pradesh	Private	IPP	Solar	300	53.43
ESPL RSP Solar	Gujarat	Private	IPP	Solar	200	40.04
TPREL RSP Solar	Gujarat	Private	IPP	Solar	100	20.18
GIPCL RSP Solar	Gujarat	Private	IPP	Solar	100	20.71
Renew Solar (Bhuvad)	Gujarat	Private	IPP	Solar	250	52.09
Alfnar Wind	Gujarat	Private	IPP	Wind	400	67.03
Adani Green Energy Mp Ltd(Dayapar)	Gujarat	Private	IPP	Wind	250	110.88
Giwel-II Wind (Vadva)	Gujarat	Private	IPP	Wind	300	50.94
Giwel-III Wind (Naranpar)	Gujarat	Private	IPP	Wind	500	55.03
IWISL Wind (Dayapar)	Gujarat	Private	IPP	Wind	250	34.09
Ostro Wind (Kutch)	Gujarat	Private	IPP	Wind	250	67.88
Renew Ap2 Wind(Ghadsisa)	Gujarat	Private	IPP	Wind	300	74.69
Avikiran Solar India Private Limited (AS IPL)	Gujarat	Private	IPP	Wind	68.3	13.34
Western Region					3768.30	767.26
Beetam(Tuticorin)	Tamil Nadu	Private	IPP	Wind	300	29.84
Sprng Renewable Energy Pvt Ltd(Pugalur)	Tamil Nadu	Private	IPP	Wind	250	28.05
Hiritur Ostro	Tamil Nadu	Private	IPP	Wind	250	22.20
Mytra	Tamil Nadu	Private	IPP	Wind	200	22.46
Orange	Tamil Nadu	Private	IPP	Wind	200	27.96
Green Infra	Tamil Nadu	Private	IPP	Wind	279	39.54
Rstps Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	100	6.18
simhadri Floating Solar_act	Andhra Pradesh	Private	IPP	Solar	75	3.75
Biwadi	Andhra Pradesh	Private	IPP	Solar	50	10.56

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Hisar	Andhra Pradesh	Private	IPP	Solar	50	10.23
Karnal	Andhra Pradesh	Private	IPP	Solar	50	10.25
Ayana	Andhra Pradesh	Private	IPP	Solar	250	55.03
Azure	Andhra Pradesh	Private	IPP	Solar	50	8.39
FRV2	Andhra Pradesh	Private	IPP	Solar	50	9.72
FRV	Andhra Pradesh	Private	IPP	Solar	50	10.12
NTPC	Andhra Pradesh	Private	IPP	Solar	250	34.81
SBG	Andhra Pradesh	Private	IPP	Solar	250	54.59
Sprng Agnitra	Andhra Pradesh	Private	IPP	Solar	300	50.32
Tata	Andhra Pradesh	Private	IPP	Solar	250	18.21
Adyah10	Karnataka	Private	IPP	Solar	50	67.65
Adyah13	Karnataka	Private	IPP	Solar	50	
Adyah1	Karnataka	Private	IPP	Solar	350	
Adyah2	Karnataka	Private	IPP	Solar	50	
Adyah3	Karnataka	Private	IPP	Solar	50	
Adyah6	Karnataka	Private	IPP	Solar	50	
Amplus	Karnataka	Private	IPP	Solar	50	10.32
Avaada	Karnataka	Private	IPP	Solar	150	32.27
Avaada Solarise	Karnataka	Private	IPP	Solar	150	31.71
Azure Power	Karnataka	Private	IPP	Solar	150	22.97
Fortum Finsurya	Karnataka	Private	IPP	Solar	100	18.58
Fortum	Karnataka	Private	IPP	Solar	200	54.09
Kredl	Karnataka	Private	IPP	Solar	250	9.86
Parampujya	Karnataka	Private	IPP	Solar	150	30.19

Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)
Renew	Karnataka	Private	IPP	Solar	150	10.56
SBG	Karnataka	Private	IPP	Solar	150	44.73
Tata	Karnataka	Private	IPP	Solar	300	82.47
Yarrow	Karnataka	Private	IPP	Solar	400	10.22
Southern Region					6054.00	877.82
All India Total					18434.30	3381.60

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

*Generation including self-consumption and Injection into grid.

Renewable Energy Generation from CPSU Plants

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) March'2022	RE Generation (MU)' March 2021	RE Generation (MU) April'2021-March2022	RE Generation (MU) April'2020-March '2021
NTPC							
NTPC Faridabad_Solar	Haryana	5.00	Solar	0.72	0.64	6.79	6.75
NTPC Bhadla	Rajasthan	260.00	Solar	41.78	38.52	442.24	440.42
NTPC Jetsar	Rajasthan	160.00	Solar	17.47	0.00	63.95	0.00
NTPC Fatehgarh	Rajasthan	199.68	Solar	8.83	0.00	68.31	0.00
NTPC Dadri_Solar *	Uttar Pradesh	5.00	Solar	0.67	0.63	6.39	6.65
NTPC Unchahar_Solar *	Uttar Pradesh	10.00	Solar	1.29	1.41	12.17	14.16
NTPC Singrauli_Solar *	Uttar Pradesh	15.00	Solar	2.04	2.01	20.05	21.18
NTPC Auraiya	Uttar Pradesh	20.00	Solar	3.48	2.59	32.19	7.52
NTPC Singrauli_SH	Uttar Pradesh	8.00	Small Hydro	3.23	3.19	22.44	19.32
NTPC Rojmal	Gujarat	50.00	Wind	9.56	7.23	103.51	83.94
NTPC Rajgarh_Solar	Madhya Pradesh	50.00	Solar	7.81	7.53	74.28	78.57
NTPC Mandsaur	Madhya Pradesh	250.00	Solar	39.32	38.61	383.40	401.42
NTPC Anantapuram	Andhra Pradesh	250.00	Solar	31.69	39.62	377.92	381.54
NTPC Ramagundam	Telangana	90.00	Solar	7.44	1.30	33.78	14.14
NTPC Andaman Nicobar	Andaman Nicobar	5.00	Solar	0.51	0.57	5.41	5.27
NTPC Talchar_Solar	Orissa	10.00	Solar	1.28	1.21	13.19	13.81
NTPC Solar_Bilhaur	Uttar Pradesh	225.00	Solar	53.11	29.66	464.33	61.47
Simhadri Floating Project	Andhra Pradesh	25.00	Solar	4.88	0.00	29.95	0.00

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) March'2022	RE Generation (MU)' March 2021	RE Generation (MU) April'2021-March2022	RE Generation (MU) April'2020-March '2021
Kayamkulam	Kerala	22.00	Solar	0.05	0.00	0.05	0.00
Total NTPC		1659.68		235.16	174.72	2160.35	1556.16
THDC							
THDC Patan Wind Power Project	Gujarat	50.00	Wind	4.13	5.68	77.75	75.59
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63.00	Wind	11.98	9.09	156.88	136.36
THDC Solar Kasaragod	Kerala	50.00	Solar	9.30	5.65	89.11	17.35
THDCIL's premises at Rishikesh	Uttar Pradesh	0.50	Solar	0.06	0.09	0.34	0.46
THDC Dhukwan SHEP Jhansi,UP	Uttar Pradesh	24.00	Small Hydro	6.53	1.77	58.24	72.24
Total THDC		187.50		32.00	22.28	382.32	302.00
NHPC							
NHPC Wind Power Project	Rajasthan	50.00	Wind	5.40	6.30	76.11	55.41
NHPC Solar Power Project	Tamilnadu	50.00	Solar	8.90	8.54	88.72	75.66
Total NHPC		100.00		14.29	14.84	164.83	131.08
ONGC*							
ONGC Wind, Bhuj	Gujarat	51.00	Wind	3.36	2.15	85.35	62.77
ONGC Wind, Jaisalmer	Rajasthan	102.00	Wind	9.09	9.83	142.01	118.71
ONGC Solar, Goa	Goa	1.00	Solar	0.12	0.15	1.43	1.49
ONGC Solar, Hazira	Gujarat	10.00	Solar	1.53	1.69	14.73	15.35
ONGC Solar, Ankleshwar	Gujarat	5.00	Solar	0.84	0.69	7.62	7.66
ONGC Solar,Rajahmundry	Andhra Pradesh	1.00	Solar	0.11	0.12	1.08	1.19
ONGS Solar, SPP of	Assam	1.09	Solar	0.12	0.13	1.34	0.87

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) March'2022	RE Generation (MU)' March 2021	RE Generation (MU) April'2021-March2022	RE Generation (MU) April'2020-March '2021
Assam							
ONGC Solar, SPP of Tati paka, Rajahmundry	Andhra Pradesh	5.00	Solar	0.64	0.22	2.28	2.12
ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.23	Solar	0.47	0.46	5.44	4.81
ONGC Solar, Assam (RTS)	Assam	1.65	Solar	0.17	0.15	1.75	1.68
ONGC Solar, Uttarkhand (RTS)	Uttarkhand	1.24	Solar	0.15	0.15	1.43	1.47
ONGC Solar, Agartala asset	Tripura	0.25	Solar	0.03	0.03	0.27	0.28
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.29	Solar	0.00	0.00	0.01	0.03
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.07	Solar	0.01	0.01	0.11	0.07
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00	0.00	0.00
Total ONGC		184.05		16.63	15.77	264.85	218.50
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.60	Wind	2.35	2.10	47.23	48.26
Sadla Wind Power	Gujarat	50.00	Solar	7.44	6.10	102.68	73.75
Charanka Solar Power	Gujarat	5.60	Solar	0.94	0.93	8.60	7.22
Total SJVN		103.20		10.72	9.13	158.50	129.23
Oil India Ltd							
Oil India Ltd	Rajasthan	14.00	Solar	2.29	2.17	24.18	24.96
Oil India Ltd	Rajasthan	67.60	Wind	5.07	6.45	75.86	65.97
Oil India Ltd	Gujarat	43.30	Wind	8.30	6.43	96.68	91.27

Name of CPSU	Name of State	Installed Capacity (MW)	Source	RE Generation (MU) March'2022	RE Generation (MU)' March 2021	RE Generation (MU) April'2021-March2022	RE Generation (MU) April'2020-March '2021
Oil India Ltd	Madhya Pradesh	63.20	Wind	7.89	11.65	120.28	114.43
Total Oil India Ltd		188.10		23.55	26.69	317.00	296.63
NEEPCO							
NEEPCO	Tripura	5.00	Solar	0.67	0.50	5.95	5.33
DVC							
DVC	West Bangal	0.08	Solar	0.01	0.01	3.00	0.04
DVC	Jharkhand	4.00	Small Hydro	0.00	0.27	19.22	9.30
Total DVC		4.08		0.01	0.28	22.22	9.34
All India Total Total		2431.61		333.04	264.22	3476.03	2648.27

Generation of CPSU owned RE generating stations is included in respective state in Renewable Energy Generation Sheet(Page no.4 & Page No.5) according to physical location so their generation should not be considered additional generation.

*Generation including self consumption and Injection into grid.



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

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