



Central Electricity Authority / केन्द्रीय विद्युत प्राधिकरण
Renewable Energy Project Monitoring Division/नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग

1. SUMMARY-ALL INDIA

AN OVERVIEW

Category	Mar-20				April 2019-March 2020		
	Installed Capacity (MW)	Actual(MU)	Actual(MU) Same Month	% Of Last Year (2/3)	Actual(MU)	Actual(MU) Same Period	% Of Last Year (5/6)
			2018-19			2018-19	
	1	2	3	4	5	6	7
Wind	37693.75	3405.61	2965.93	114.82	64646.37	62036.38	104.21
Solar	34627.82	5633.30	4307.98	130.76	50131.10	39268.20	127.66
Biomass	9875.31	282.16	255.32	110.51	2937.96	2763.82	106.30
Bagasse		1319.96	1814.86	72.73	10804.46	13562.67	79.66
Small Hydro	4683.15	639.66	473.06	135.22	9451.22	8702.75	108.60
Others	147.64	36.96	30.70	120.38	365.90	425.28	86.04
Total	87027.67	11317.65	9847.86	114.92	138337.02	126759.09	109.13

Reason for revision: Actual data has been received from Chandigarh ,Delhi, Uttar Pradesh,Uttarakhand,Bihar,Odisha,West Bengal, Sikkim, Lakshadweep and Tripura SLDCs .

Renewable Energy Generation Data (State Wise) for the month of March,2020				
Name of State/UT	Actual Generation (MU) during March		Cumulative Generation (MU)	
	March,2020	March,2019	April to March 2020	April to March 2019
Chandigarh	1.56	0.26	13.34	13.51
Delhi	30.34	23.55	423.67	287.65
Haryana	65.55	70.30	733.50	662.37
Himachal Pradesh	176.69	87.95	2167.24	2287.93
J & K	36.36	21.07	443.13	312.20
Ladakh	0.00	0.00	0.00	0.00
Punjab	227.11	278.00	2739.43	2445.21
Rajasthan	1376.74	973.91	14332.06	11863.38
Uttar Pradesh	710.48	801.57	5143.20	5694.81
Uttarakhand	102.82	110.30	1193.95	1104.97
Northern Region	2727.64	2366.92	27189.51	24672.03
Chhattisgarh	110.46	74.01	1107.87	945.10
Gujarat	1507.59	1121.25	17716.93	13976.86
Madhya Pradesh	775.31	687.04	8297.88	8246.46
Maharashtra	1121.15	1224.96	13985.79	14974.91
Dadra and Nagar Haveli	0.68	0.71	6.19	5.76
Daman & Diu	2.11	2.24	21.83	18.94
Goa	0.13	0.00	0.82	0.00
Western Region	3517.43	3110.20	41137.31	38168.02
Andhra Pradesh	1095.12	1066.63	13993.20	14550.51
Telangana	694.22	707.19	6794.24	7046.00
Karnataka	2025.70	1513.22	25648.42	21657.53
Kerala	57.22	59.18	804.74	770.33
Tamil Nadu	935.64	675.93	19763.88	16898.48
Lakshadweep	0.07	0.10	0.66	1.12
Puducherry	0.37	0.24	4.14	2.58
Southern Region	4808.34	4022.47	67009.28	60926.55
Andaman Nicobar	1.16	3.11	17.30	30.42
Bihar	45.24	129.12	358.67	488.14
Jharkhand	2.78	2.07	17.47	19.14
Orissa	63.96	59.09	783.20	653.45
Sikkim	1.50	1.04	60.61	28.09
West Bengal	130.97	138.56	1474.98	1486.15
DVC	2.58	0.01	6.76	2.63
Eastern Region	248.19	333.01	2719.01	2708.02
Arunachal Pradesh	0.22	0.15	2.24	1.75
Assam	2.32	1.25	58.76	20.73
Manipur	0.32	0.16	4.20	1.88
Meghalaya	4.02	2.97	62.73	50.51
Mizoram	3.78	4.29	50.00	40.09
Nagaland	2.77	2.95	75.88	87.46
Tripura	2.63	3.48	28.10	82.07
North Eastern Region	16.05	15.26	281.91	284.49
All India Total	11317.65	9847.86	138337.02	126759.09

Reason for revision: Actual data has been received from Delhi ,Chandigarh , Uttar Pradesh,Uttarakhand, Bihar,Odisha, West Bengal,Sikkim, Lakshadweep and Tripura SLDCs.



Name of State/UT	RE generation data (Source wise) for the month of March 2020														(All fig. in MU)	
	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Current Year (March,2020)	Previous Year (March,2019)		
	Current Year (March,2020)	Previous Year (March,2019)	Current Year (March,2020)	Previous Year (March,2019)	Current Year (March,2020)	Previous Year (March,2019)	Current Year (March,2020)	Previous Year (March,2019)	Current Year (March,2020)	Previous Year (March,2019)	Current Year (March,2020)	Previous Year (March,2019)				
Chandigarh	0.00	0.00	1.56	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	0.26	
Delhi	0.00	0.00	8.46	0.63	0.00	0.00	0.00	0.00	0.00	0.00	21.88	22.92	30.34	23.55		
Haryana	0.00	0.00	6.36	7.55	14.75	13.89	16.36	23.41	28.08	25.46	0.00	0.00	65.55	70.30		
Himachal Pradesh	0.00	0.00	2.92	0.00	0.00	0.00	0.00	0.00	173.77	87.95	0.00	0.00	176.69	87.95		
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.36	21.07	0.00	0.00	36.36	21.07		
Ladakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Punjab	0.00	0.00	115.63	146.54	30.36	29.42	30.63	39.36	50.47	62.68	0.02	0.00	227.11	278.00		
Rajasthan	443.60	392.77	893.35	543.15	34.82	37.38	0.00	0.00	4.98	0.61	0.00	0.00	1376.74	973.91		
Uttar Pradesh	0.00	0.00	153.67	137.26	25.38	11.93	527.04	648.15	4.39	4.23	0.00	0.00	710.48	801.57		
Uttarakhand	0.00	0.00	36.24	37.89	0.00	0.00	19.37	23.02	47.21	49.39	0.00	0.00	102.82	110.30		
Northern Region	443.60	392.77	1218.18	873.28	105.31	92.62	593.40	733.93	345.25	251.40	21.90	22.92	2727.63	2366.92		
Chhattisgarh	0.00	0.00	33.28	31.47	67.21	37.50	0.00	0.00	9.97	5.04	0.00	0.00	110.46	74.01		
Gujarat	1066.38	789.41	403.69	304.20	10.86	9.75	2.21	5.09	21.75	12.80	2.69	0.00	1507.59	1121.25		
Madhya Pradesh	345.22	334.13	394.37	316.90	0.16	0.21	15.06	21.70	14.56	11.12	5.94	2.97	775.31	687.04		
Maharashtra	394.21	353.97	256.81	245.72	34.40	43.13	359.47	526.97	76.22	54.97	0.04	0.19	1121.15	1224.96		
Dadra and Nagar Haveli	0.00	0.00	0.68	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.71		
Daman & Diu	0.00	0.00	2.11	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	2.24		
Goa	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00		
Western Region	1805.81	1477.50	1091.06	901.25	112.64	90.59	376.75	553.77	122.50	83.93	8.67	3.16	3517.43	3110.20		
Andhra Pradesh	407.57	430.92	644.84	593.25	13.84	17.89	11.04	15.58	17.31	8.49	0.53	0.50	1095.12	1066.63		
Telangana	15.47	17.77	649.94	644.09	12.57	15.52	8.21	25.21	2.17	0.48	5.86	4.12	694.22	707.19		
Karnataka	417.65	397.71	1347.02	840.54	28.65	14.29	169.66	215.95	62.72	44.73	0.00	0.00	2025.70	1513.22		
Kerala	4.15	4.54	17.10	13.08	0.00	0.00	0.00	0.00	35.97	41.56	0.00	0.00	57.22	59.18		
Tamil Nadu	311.36	232.63	594.48	381.32	0.30	16.00	18.30	39.00	11.20	6.98	0.00	0.00	935.64	675.93		
Lakshadweep	0.00	0.00	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10		
Puducherry	0.00	0.00	0.37	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.24		
Southern Region	1156.20	1083.57	3253.81	2472.59	55.35	63.70	207.21	295.74	129.37	102.24	6.39	4.62	4808.34	4022.47		
Andaman Nicobar	0.00	0.00	0.86	2.05	0.00	0.00	0.00	0.00	0.29	1.07	0.00	0.00	1.16	3.11		
Bihar	0.00	0.00	16.99	22.42	2.06	1.48	23.30	102.23	2.89	2.98	0.00	0.00	45.24	129.12		
Jharkhand	0.00	0.00	2.78	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.78	2.07		
Orissa	0.00	12.10	41.20	26.21	6.80	6.92	0.00	0.00	15.96	13.86	0.00	0.00	63.96	59.09		
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	1.04	0.00	0.00	1.50	1.04		
West Bengal	0.00	0.00	6.81	6.52	0.00	0.00	119.31	129.19	4.85	2.86	0.00	0.00	130.97	138.56		
DVC	0.00	0.00	0.005	0.01	0.00	0.00	0.00	0.00	2.58	0.00	0.00	0.00	2.58	0.01		
Eastern Region	0.00	12.10	68.66	59.27	8.86	8.40	142.61	231.42	28.07	21.81	0.00	0.00	248.19	333.01		
Arunachal Pradesh	0.00	0.00	0.17	0.10	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.22	0.15		
Assam	0.00	0.00	0.56	0.60	0.00	0.00	0.00	0.00	1.77	0.66	0.00	0.00	2.32	1.25		
Manipur	0.00	0.00	0.32	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.16		
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.02	2.97	0.00	0.00	4.02	2.97		
Mizoram	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	3.75	4.26	0.00	0.00	3.78	4.29		
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.77	2.95	0.00	0.00	2.77	2.95		
Tripura	0.00	0.00	0.52	0.69	0.00	0.00	0.00	0.00	2.11	2.79	0.00	0.00	2.63	3.48		
North Eastern Region	0.00	0.00	1.59	1.59	0.00	0.00	0.00	0.00	14.46	13.67	0.00	0.00	16.05	15.26		
All India Total	3405.61	2965.93	5633.30	4307.98	282.16	255.32	1319.96	1814.86	639.66	473.06	36.96	30.70	11317.65	9847.86		

Reason for revision:Actual data has been received from Delhi , Chandigarh,Uttar Pradesh,Uttarakhand,Bihar,Odisha,West Bengal,Sikkim, Lakshadweep and Tripura SLDCs.



Monthly RE generation from Inter state Generating Station (ISGS) for March, 2020							
Station	State/ Region	Sector (Central/State/Private)	Owner	Type	Installed Capacity	Actual Generation	Monthly CUF
DADRI SOLAR*	Uttar Pradesh	Central	NTPC	Solar	5	0.65	18%
SINGRAULI SOLAR*	Uttar Pradesh	Central	NTPC	Solar	15	2.02	18%
UNCHAHAR SOLAR*	Uttar Pradesh	Central	NTPC	Solar	10	1.31	18%
MAHOBA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	43.62	29%
ACME CHITTORGARH ENERGY PVT LTD	Rajasthan	Private	IPP	Solar	250	44.46	24%
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	39.66	27%
AZURE POWER THIRTY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	130	28.51	29%
CLEAN SOLAR POWER (BHADLA) PVT LTD	Rajasthan	Private	IPP	Solar	300	60.90	27%
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	10.84	29%
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	48.99	26%
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	43.68	29%
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	34.24	31%
Northern Region **					1760	358.87	
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	46.94	25%
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	48.53	26%
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	47.32	25%
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	46.72	25%
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	55.30	30%
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	56.01	25%
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	250	14.30	8%
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	60.27	32%
Western Region **					2050	375.40	
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	28.92	16%
ORANGE	Tamil Nadu	Private	IPP	Wind	200	21.74	15%
MYTRA	Tamil Nadu	Private	IPP	Wind	187	16.87	12%
BETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	50.2	5.71	15%
Southern Region **					687.2	73.24	
Total					4497.2	807.50	

* Generation includes self consumption and Injection into grid

**As per theBlock wise generation data received from RPCs.



Renewable Energy Generation Data (CPSU Wise) for the month of March,2020

(All fig. in MU)

Name of CPSU	Name of State	Installed Capacity (MW)	Source	Actual Generation (MU) during March		Cumulative Generation (MU) for FY 2019-20 and 2018-19	
				March,2020	March,2019	April to March 2020	April to March 2019
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.67	0.65	6.51	6.54
NTPC Bhadla	Rajasthan	260	Solar	39.36	40.99	438.60	450.22
NTPC Dadri_Solar*	Uttar Pradesh	5	Solar	0.65	0.65	6.39	6.41
NTPC Unchahar_Solar *	Uttar Pradesh	10	Solar	1.31	1.52	14.00	15.11918
NTPC Singrauli_Solar *	Uttar Pradesh	15	Solar	2.02	2.12	20.37	21.87
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	2.68	2.17	13.15	13.63
NTPC Rojmal	Gujarat	50	Wind	4.92	8.35	103.11	97.59
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	7.58	8.27	75.37	78.93
NTPC Mandsaur	Madhya Pradesh	250	Solar	38.52	40.08	379.22	390.96
NTPC Anantapuram	Andhra Pradesh	250	Solar	38.34	40.01	398.44	420.16
NTPC Ramagundam	Telangana	10	Solar	1.36	1.47	14.06	14.94
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.45	0.70	4.73	5.98
NTPC Talchar_Solar	Orissa	10	Solar	1.31	1.28	13.78	14.03
Total NTPC		928		139.16	148.27	1487.73	1536.36
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	6.86		104.07	
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	12.42		177.83	
Total THDC		113		19.28		281.90	
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	2.60		28.46	
NHPC Solar Power Project	Tamilnadu	50	Solar	9.94		46.44	
Total NHPC		100		12.54		74.895	
ONGC							
ONGC Wind, Bhuj*	Gujarat	51	Wind	5.56		92.99	
ONGC Wind, Jaisalmer*	Rajasthan	102	Wind	8.47		123.95	
ONGC Solar, Goa*	Goa	1	Solar	0.17		2.47	
ONGC Solar, Hazira*	Gujarat	10	Solar	1.72		25.63	
ONGC Solar, Ankleshwar*	Gujarat	5	Solar	0.77		11.99	
ONGC Solar,Rajahmundry*	Andhra Pradesh	1	Solar	0.12		2.27	
ONGC Solar, Rooftop (RTS) Gujarat*	Gujarat	4.232	Solar	0.60		9.34	
ONGC Solar, Assam (RTS)*	Assam	1.645	Solar	0.16		2.90	
ONGC Solar, Uttarkhand (RTS)*	Uttarkhand	1.236	Solar	0.14		2.67	
ONGC Solar, Agartala asset*	Tripura	0.247	Solar	0.03		0.36	
ONGC Solar, Mumbai (Uran & NBP green height)*	Maharashtra	0.285	Solar	0.01		0.38	
ONGC Solar, Cauvery Assest Karaikal*	Maharashtra	0.015	Solar	0.00		0.02	
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00		0.25	
Total ONGC		177.91		17.75		275.22	
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.6	Wind	2.77		55.04	0.00
Sadla Wind Power	Gujarat	50	Solar	3.75		73.07	0.00
Charanka Solar Power	Gujarat	5.6	Solar	0.80		6.58	0.00
Total SJVN		103.2		7.33		134.69	0.00
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	2.18	2.19	24.67	25.14
Oil India Ltd	Rajasthan	67.6	Wind	3.15	1.74	63.50	80.86
Oil India Ltd	Gujarat	43.3	Wind	7.34	7.99	100.70	103.98
Oil India Ltd	Madhya Pradesh	63.2	Wind	11.11	11.32	127.88	137.48
Total Oil India Ltd		188.1		23.79	23.25	316.74	347.47
NEEPCO							
NEEPCO	Tripura	5	Solar	0.49	0.75	9.89	35.15
All India Total		1615.21		220.34	172.27	2581.07	1918.98

Generation of CPSU owned RE generating stations is shown in respective state in sheet No.2 according to physical location so their generation should not be considered additional generation.

* Generation includes self consumption and Injection into grid