

Sub Report-1

Period: Aug-2019

**Central Electricity Authority
Renewable Energy Project Monitoring Division**

1. SUMMARY-ALL INDIA

AN OVERVIEW

Catagory	Installed Capacity (MW)*						
		Aug-2019			April 2019-Aug-2019		
		ACTUAL	Actual Same Month	% Of Last Year (2/3)	ACTUAL	Actual Same Period	% Of Last Year (6/7)
			2018-19			2018-19	
	1	2	3	4	6	7	8
Wind	36750.42	9704.00	11771.64	82.44	40139.96	39248.10	102.27
Solar	30708.85	3575.73	2635.80	135.66	19418.01	14702.49	132.07
Biomass	9131.50	234.17	185.61	126.16	1175.70	1205.59	97.52
Bagasse		251.26	218.28	115.11	2630.43	2923.27	89.98
Small Hydro	4608.81	1120.46	1530.91	73.19	3755.30	4331.86	86.69
Others	139.80	25.09	32.53	77.11	160.50	177.57	90.39
Total	81339.38	14910.70	16374.77	91.06	67279.88	62588.88	107.49

* As per CEA report

Renewable Energy Generation Data (State Wise) for the month of August,2019

Name of State/UT	Actual Generation (MU) during August		Cumulative Generation (MU) for FY 2019-20 and 2018-19	
	August,2019	August,2018	April to August 2019	April to August 2018
Chandigarh	1.48	3.49	6.58	8.76
Delhi	24.61	24.76	130.37	123.77
Haryana	50.73	53.35	267.40	276.64
HP	267.01	602.59	1124.76	1458.90
J & K	39.26	31.58	282.16	168.20
Punjab	231.14	149.73	1265.91	1029.84
Rajasthan	1179.72	1313.21	6468.50	6081.55
Uttar Pradesh	118.10	94.52	1575.16	1790.05
Uttarakhand	101.48	98.14	540.53	482.68
Northern Region	2013.53	2371.38	11661.35	11420.39
Chhattisgarh	87.63	67.07	402.09	468.48
Gujarat	1486.44	1641.27	8788.20	7699.04
Madhya Pradesh	738.39	835.27	4206.11	4254.00
Maharashtra	1821.25	1819.01	7159.62	7186.86
Dadra and Nagar Haveli	0.35	0.29	2.54	2.00
Daman & Diu	1.36	1.09	8.34	6.91
Western Region	4135.42	4364.01	20566.90	19617.28
Andhra Pradesh	2002.26	2363.19	7900.00	8058.33
Telangana	517.88	458.69	2887.96	2716.07
Karnataka	2832.77	2861.24	10650.51	9721.63
Kerala	90.84	95.79	303.13	366.17
Tamil Nadu	3054.42	3608.05	11990.66	9469.44
Lakshadweep	0.04	0.10	0.27	0.56
Puducherry	0.37	0.20	1.54	0.92
Southern Region	8498.57	9387.25	33734.07	30333.12
Andaman Nicobar	0.46	2.49	7.04	10.54
Bihar*	19.87	16.69	113.41	146.95
Jharkhand	1.30	1.38	7.55	7.59
Orissa	56.25	54.61	364.39	245.65
Sikkim	6.63	0.73	24.39	9.25
West Bengal	148.86	139.26	695.00	670.24
DVC	0.005	0.01	0.02	0.27
Eastern Region	233.37	215.16	1211.80	1090.48
Arunachal Pradesh	0.20	0.16	0.80	0.64
Assam	4.40	2.20	17.18	8.49
Manipur	0.21	0.15	0.77	0.32
Meghalaya	5.88	3.45	23.89	20.90
Mizoram	4.60	3.38	19.34	15.20
Nagaland	13.02	14.92	33.15	42.84
Tripura	1.50	12.72	10.63	39.18
North Eastern Region	29.81	36.97	105.76	127.57
All India Total	14910.70	16374.77	67279.88	62588.83

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

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

*Data has been taken from RE generation report of July 2019.

Name of State/UT	RE generation data (Source wise) for the month of August 2019												(All fig. in MU)	
	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Current Year (August,2019)	Previous Year (August,2018)
	Current Year (August,2019)	Previous Year (August,2018)	Current Year (August,2019)	Previous Year (August,2018)	Current Year (August,2019)	Previous Year (August,2018)	Current Year (August,2019)	Previous Year (August,2018)	Current Year (August,2019)	Previous Year (August,2018)	Current Year (August,2019)	Previous Year (August,2018)		
Chandigarh	0.00	0.00	1.48	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	3.49
Delhi	0.00	0.00	1.04	1.04	0.00	0.00	0.00	0.00	0.00	0.00	23.57	23.72	24.61	24.76
Haryana	0.00	0.00	6.26	5.79	17.43	16.44	0.00	0.00	27.04	31.12	0.00	0.00	50.73	53.35
HP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	267.01	602.59	0.00	0.00	267.01	602.59
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.26	31.58	0.00	0.00	39.26	31.58
Punjab	0.00	0.00	124.46	130.71	29.25	6.00	1.78	0.00	75.63	13.02	0.02	0.00	231.14	149.73
Rajasthan	622.76	910.12	529.64	380.79	27.15	22.19	0.00	0.00	0.17	0.11	0.00	0.00	1179.72	1313.21
Uttar Pradesh	0.00	0.00	107.02	78.68	5.15	7.69	5.20	4.97	0.73	3.19	0.00	0.00	118.10	94.52
Uttarakhand	0.00	0.00	26.76	20.71	0.00	0.00	0.00	0.00	74.72	77.43	0.00	0.00	101.48	98.14
Northern Region	622.76	910.12	796.67	621.21	78.98	52.31	6.98	4.97	484.56	759.05	23.59	23.72	2013.53	2371.38
Chhattisgarh	0.00	0.00	24.00	17.91	62.07	40.32	0.00	0.00	1.56	8.84	0.00	0.00	87.63	67.07
Gujarat	1234.27	1506.75	227.26	120.47	5.06	4.76	0.00	0.00	19.85	9.30	0.00	0.00	1486.44	1641.28
Madhya Pradesh	497.17	670.17	214.92	149.18	0.14	0.19	0.00	0.00	25.40	15.14	0.76	0.60	738.39	835.27
Maharashtra	1529.75	1553.83	162.81	127.68	33.21	36.34	3.61	8.12	91.85	93.02	0.02	0.03	1821.25	1819.01
Dadra and Nagar Haveli	0.00	0.00	0.35	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.29
Daman & Diu	0.00	0.00	1.36	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36	1.09
Western Region	3261.19	3730.75	630.70	416.62	100.48	81.60	3.61	8.12	138.66	126.30	0.78	0.62	4135.42	4364.01
Andhra Pradesh	1546.76	1928.40	423.71	372.83	11.45	18.16	1.69	26.71	17.93	16.52	0.72	0.57	2002.26	2363.19
Telangana	36.09	42.25	458.38	393.87	12.13	10.52	7.66	0.00	3.62	4.44	0.00	7.62	517.88	458.69
Karnataka	1654.49	1878.93	810.13	501.15	12.91	15.10	67.26	54.81	287.98	411.25	0.00	0.00	2832.77	2861.24
Kerala	14.66	19.66	9.54	9.91	0.00	0.00	0.00	0.00	66.64	66.22	0.00	0.00	90.84	95.79
Tamil Nadu	2568.06	3260.38	409.20	281.18	10.83	6.73	38.86	8.50	27.47	51.26	0.00	0.00	3054.42	3608.05
Lakshadweep	0.00	0.00	0.04	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10
Puducherry	0.00	0.00	0.37	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.20
Southern Region	5820.06	7129.62	2111.37	1559.23	47.32	50.51	115.47	90.02	403.64	549.69	0.72	8.19	8498.57	9387.25
Andaman Nicobar	0.00	0.00	0.46	0.88	0.00	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.46	2.49
Bihar*	0.00	0.00	14.11	14.01	1.31	0.00	0.00	1.43	4.45	1.25	0.00	0.00	19.87	16.69
Jharkhand	0.00	0.00	1.30	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.38
Orissa	0.00	1.15	15.88	17.33	6.07	1.19	0.00	0.00	34.31	34.94	0.00	0.00	56.25	54.61
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.63	0.73	0.00	0.00	6.63	0.73
West Bengal	0.00	0.00	4.28	3.78	0.00	0.00	125.20	113.75	19.38	21.72	0.00	0.00	148.86	139.26
DVC	0.00	0.00	0.005	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Eastern Region	0.00	1.15	36.03	37.39	7.38	1.19	125.20	115.18	64.77	60.25	0.00	0.00	233.37	215.16
Arunachal Pradesh	0.00	0.00	0.15	0.10	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.20	0.16
Assam	0.00	0.00	0.58	0.53	0.00	0.00	0.00	0.00	3.82	1.68	0.00	0.00	4.40	2.20
Manipur	0.00	0.00	0.21	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.15
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.88	3.45	0.00	0.00	5.88	3.45
Mizoram	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	4.58	3.38	0.00	0.00	4.60	3.38
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.02	14.92	0.00	0.00	13.02	14.92
Tripura	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	1.50	12.15	0.00	0.00	1.50	12.72
North Eastern Region	0.00	0.00	0.97	1.34	0.00	0.00	0.00	0.00	28.85	35.63	0.00	0.00	29.81	36.97
All India Total	9704.00	11771.64	3575.73	2635.80	234.17	185.61	251.26	218.28	1120.46	1530.91	25.09	32.53	14910.70	16374.77

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

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

* Data has been taken from RE generation report of July 2019.

Monthly RE generation from Inter state Generating Station (ISGS) for August 2019 *

Station	State/ Region	Sector (Central/State/ Private)	Owner	Type	Installed Capacity	Actual Generation
					(MW)	(MU)
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.53
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	1.35
UNCHAHAHAR SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	1.28
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	24.9
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	9.9
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	37.37
Northern Region					860	76.50
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	34.07
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	33.09
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	26.38
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	42.2
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	33.74
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	18.83
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	500	6.34
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	61.13
Western Region					2300	255.78
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	104.5
ORANGE	Tamil Nadu	Private	IPP	Wind	200	85.4
MYTRA	Tamil Nadu	Private	IPP	Wind	187	57.96
Southern Region					637	247.86
Total					3797	580

* ISGS RE Stations which are scheduled by RLDCs and generation already included in sheet No.2 for state wise generation.

Renewable Energy Generation Data (CPSU Wise) for the month of August,2019

(All fig. in MU)

Name of CPSU	Name of State	Installed Capacity (MW)	Source	Actual Generation (MU) during August		Cumulative Generation (MU) for FY 2019-20 and 2018-19	
				August,2019	August,2018	April to August 2019	April to August 2018
NTPC							
NTPC Faridabad _Solar	Haryana	5	Solar	0.58	0.55	3.02	2.88
NTPC Bhadla	Rajasthan	260	Solar	35.87	38.88	189.88	192.88
NTPC Dadri _Solar	Uttar Pradesh	5	Solar	0.42	0.69	2.89	3.08
NTPC Unchahar _Solar	Uttar Pradesh	10	Solar	1.23	0.99	6.70	6.38
NTPC Singrauli _Solar	Uttar Pradesh	15	Solar	1.45	1.38	9.01	8.94
NTPC Singrauli _SH	Uttar Pradesh	8	Small Hydro	0.00	2.02	7.60	10.11
NTPC Rojmal	Gujarat	50	Wind	11.00	13.64	63.75	61.37
NTPC Rajgarh _Solar	Madhya Pradesh	50	Solar	4.33	4.30	32.48	30.27
NTPC Mandsaur	Madhya Pradesh	250	Solar	22.05	21.72	161.47	151.34
NTPC Anantapuram	Andhra Pradesh	250	Solar	26.91	29.34	164.90	166.33
NTPC Ramagundam	Telangana	10	Solar	0.71	0.84	5.68	5.63
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.14	0.41	2.20	2.03
NTPC Talchar _Solar	Orissa	10	Solar	0.80	0.87	5.72	5.67
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	8.39		62.86	
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	18.83		90.79	
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	6.97		16.24	
NHPC Solar Power Project	Tamilnadu	50	Solar	7.14		14.78	
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	0.00	2.12	8.78	10.90
Oil India Ltd	Rajasthan	67.6	Wind	7.86	12.13	37.86	56.04
Oil India Ltd	Gujarat	43.3	Wind	9.15	12.50	54.67	61.18
Oil India Ltd	Madhya Pradesh	63.2	Wind	13.44	16.67	75.11	80.49
NEEPCO							
NEEPCO	Tripura	5	Solar	0.58	8.69	2.91	21.02
All India Total		1334.10		177.85	167.72	1019.31	876.54

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.