

Revision I _26.11.2019

Sub Report - 1

Period : September 2019

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

1. SUMMARY-ALL INDIA

AN OVERVIEW

Category	Sep-19				April 2019-September 2019		
	Installed Capacity (MW)	Actual	Actual Same Month	% Of Last Year (2/3)	ACTUAL	Actual Same Period	% Of Last Year (5/6)
			2018-19			2018-19	
	1	2	3	4	5	6	7
Wind	36930.32	5477.93	6093.34	89.90	45617.89	45341.43	100.61
Solar	31101.71	3565.14	3209.95	111.07	23046.8	17912.44	128.66
Biomass	9806.31	202.23	177.17	114.15	1377.93	1382.76	99.65
Bagasse		234.16	231.36	101.21	2864.58	3154.62	90.81
Small Hydro	4610.81	1290.36	1001.29	128.87	5045.65	5333.14	94.61
Others	139.8	26.83	32.16	83.42	187.33	209.72	89.32
Total	82588.95	10796.66	10745.28	100.48	78140.19	73334.11	106.55

Reason for revision :(1) Actual generation data received from States/Uts SLDCs of Bihar, Sikkim, Mizoram and Chandigarh.

(2) ISGS plant has been revised after receiving Actual generation for the Month of September 19 from NRPC.

(3) Actual generation of Solar rooftop power of Delhi received from Delhi SNA for the period April-Sept 2019

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Renewable Energy Generation Data (State Wise) for the month of September,2019				
Name of State/UT	Actual Generation (MU) during September		Cumulative Generation (MU) for FY 2019-20 and 2018-19	
	September, 2019	September, 2018	April to September 2019	April to September 2018
Chandigarh	0.16	0.26	6.74	9.02
Delhi	37.85	21.96	231.87	145.73
Haryana	68.48	54.62	335.88	331.26
HP	276.81	169.26	1401.57	1628.16
J & K	29.54	25.85	311.70	194.05
Punjab	227.49	166.69	1493.40	1196.52
Rajasthan	998.30	1025.11	7466.79	7106.66
Uttar Pradesh	103.95	124.12	1679.10	1914.17
Uttarakhand	113.88	100.10	654.41	582.78
Northern Region	1856.46	1687.97	13581.45	13108.36
Chhattisgarh	83.49	75.65	485.59	544.13
Gujarat	823.13	1001.57	9611.33	8700.61
Madhya Pradesh	502.58	672.24	4708.69	4926.23
Maharashtra	1177.41	784.26	8337.03	7971.12
Dadra and Nagar Haveli	0.35	0.43	2.89	2.43
Daman & Diu	1.34	1.58	9.68	8.48
Western Region	2588.31	2535.73	23155.20	22153.00
Andhra Pradesh	1165.69	1118.75	9065.69	9177.08
Telangana	461.11	561.06	3349.07	3277.13
Karnataka	2348.04	1707.36	12998.55	11428.99
Kerala	104.71	71.48	407.84	437.65
Tamil Nadu	2043.42	2799.77	14034.07	12269.21
Lakshadweep	0.05	0.11	0.33	0.67
* Puducherry	0.37	0.27	1.91	1.19
Southern Region	6123.39	6258.81	39857.46	36591.92
Andaman Nicobar	0.65	2.94	7.69	13.48
Bihar	15.86	16.96	129.27	163.91
Jharkhand	1.04	1.59	8.59	9.17
Orissa	62.41	67.25	426.80	312.90
Sikkim	5.81	6.14	30.20	15.39
West Bengal	118.18	129.10	813.18	799.34
DVC	0.007	0.01	0.03	0.27
Eastern Region	203.96	223.98	1415.77	1314.46
Arunachal Pradesh	0.17	0.14	0.97	0.78
Assam	4.79	1.82	21.97	10.31
Manipur	0.23	0.15	1.00	0.46
Meghalaya	3.64	7.01	27.53	27.91
Mizoram	5.80	3.31	25.14	18.52
Nagaland	8.16	14.20	41.30	57.04
Tripura	1.77	12.17	12.40	51.35
North Eastern Region	24.55	38.80	130.31	166.37
All India Total	10796.66	10745.28	78140.19	73334.11

Reason for revision :(1) Actual generation data received from States/Uts SLDCs of Bihar, Sikkim, Mizoram and Chandigarh.

(2) ISGS plant has been revised after receiving Actual generation for the Month of September 19 from NRPC.

(3) Actual generation of Solar rooftop power of Delhi received from Delhi SNA for the period April-Sept 2019

Name of State/UT	RE generation data (Source wise) for the month of September 2019												(All fig. in MU)	
	Wind		Solar		Biomass		Bagasse		Small Hydro		Others		Current Year (September,2019)	Previous Year (September,2018)
	Current Year (September,2019)	Previous Year (September,2018)	Current Year (September,2019)	Previous Year (September,2018)	Current Year (September,2019)	Previous Year (September,2018)	Current Year (September,2019)	Previous Year (September,2018)	Current Year (September,2019)	Previous Year (September,2018)	Current Year (September,2019)	Previous Year (September,2018)		
Chandigarh	0.00	0.00	0.16	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.26
Delhi	0.00	0.00	12.74	0.97	0.00	0.00	0.00	0.00	0.00	0.00	25.11	20.99	37.85	21.96
Haryana	0.00	0.00	17.48	5.91	16.79	16.58	0.00	0.00	34.22	32.13	0.00	0.00	68.48	54.62
HP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	276.81	169.26	0.00	0.00	276.81	169.26
J & K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.54	25.85	0.00	0.00	29.54	25.85
Punjab	0.00	0.00	115.72	119.88	25.86	25.47	0.86	0.00	85.01	21.34	0.03	0.00	227.49	166.69
Rajasthan	350.10	600.53	617.03	404.60	31.10	19.80	0.00	0.00	0.08	0.18	0.00	0.00	998.30	1025.11
Uttar Pradesh	0.00	0.00	93.17	97.84	0.74	8.51	8.32	16.66	1.71	1.12	0.00	0.00	103.95	124.12
Uttarakhand	0.00	0.00	29.20	23.10	0.00	0.00	0.00	0.00	84.68	77.00	0.00	0.00	113.88	100.10
Northern Region	350.10	600.53	885.50	652.56	74.49	70.36	9.19	16.66	512.05	326.87	25.14	20.99	1856.46	1687.97
Chhattisgarh	0.00	0.00	20.65	27.26	44.62	24.67	0.00	0.00	18.22	23.72	0.00	0.00	83.49	75.65
Gujarat	589.26	816.91	205.55	169.68	3.76	4.15	0.00	0.00	24.56	10.83	0.00	0.00	823.13	1001.57
Madhya Pradesh	261.50	446.55	201.33	203.75	0.16	0.14	0.00	0.00	38.13	17.77	1.47	4.03	502.58	672.24
Maharashtra	880.95	514.67	155.96	175.46	30.08	32.63	7.13	2.58	103.23	58.90	0.06	0.02	1177.41	784.26
Dadra and Nagar Haveli	0.00	0.00	0.35	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.43
Daman & Diu	0.00	0.00	1.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.34	1.58
Western Region	1731.71	1778.13	585.18	578.16	78.62	61.59	7.13	2.58	184.14	111.22	1.53	4.05	2588.31	2535.73
Andhra Pradesh	716.62	618.32	403.74	441.68	11.39	14.50	0.00	12.69	33.78	31.42	0.16	0.14	1165.69	1118.75
Telangana	22.26	14.80	420.10	517.56	9.95	9.13	1.73	3.12	7.07	9.47	0.00	6.98	461.11	561.06
Karnataka	1075.14	694.45	820.98	649.92	11.18	13.40	91.48	77.36	349.27	272.24	0.00	0.00	2348.04	1707.36
Kerala	11.44	10.83	12.60	10.40	0.00	0.00	4.12	0.00	76.54	50.26	0.00	0.00	104.71	71.48
Tamil Nadu	1570.67	2370.59	396.85	316.03	8.94	5.37	25.96	10.48	41.00	97.30	0.00	0.00	2043.42	2799.77
Lakshadweep	0.00	0.00	0.05	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.11
* Puducherry	0.00	0.00	0.37	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.27
Southern Region	3396.13	3708.99	2054.69	1935.96	41.45	42.39	123.29	103.65	507.67	460.69	0.16	7.12	6123.39	6258.81
Andaman Nicobar	0.00	0.00	0.58	1.06	0.00	0.00	0.00	0.00	0.07	1.89	0.00	0.00	0.65	2.94
Bihar	0.00	0.00	13.78	15.64	1.22	0.00	0.00	0.11	0.85	1.20	0.00	0.00	15.86	16.96
Jharkhand	0.00	0.00	1.04	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	1.59
Orissa	0.00	5.70	18.42	21.88	6.45	2.83	0.00	0.00	37.54	36.84	0.00	0.00	62.41	67.25
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.81	6.14	0.00	0.00	5.81	6.14
West Bengal	0.00	0.00	5.01	1.85	0.00	0.00	94.55	108.36	18.61	18.89	0.00	0.00	118.18	129.10
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	0.01	0.01
Eastern Region	0.00	5.70	38.84	42.02	7.67	2.83	94.55	108.47	62.89	64.95	0.00	0.00	203.96	223.98
Arunachal Pradesh	0.00	0.00	0.12	0.09	0.00	0.00	0.00	0.00	0.05	0.06	0.00	0.00	0.17	0.14
Assam	0.00	0.00	0.47	0.47	0.00	0.00	0.00	0.00	4.32	1.34	0.00	0.00	4.79	1.82
Manipur	0.00	0.00	0.23	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.15
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.64	7.01	0.00	0.00	3.64	7.01
Mizoram	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	5.68	3.31	0.00	0.00	5.80	3.31
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.16	14.20	0.00	0.00	8.16	14.20
Tripura	0.00	0.00	0.00	0.54	0.00	0.00	0.00	0.00	1.77	11.63	0.00	0.00	1.77	12.17
North Eastern Region	0.00	0.00	0.93	1.25	0.00	0.00	0.00	0.00	23.61	37.55	0.00	0.00	24.55	38.80
All India Total	5477.93	6093.34	3565.14	3209.95	202.23	177.17	234.16	231.36	1290.36	1001.29	26.83	32.16	10796.66	10745.28

Reason for revision :(1) Actual generation data received from States/UTs SLDCs of Bihar, Sikkim, Mizoram and Chandigarh.

(2) ISGS plant has been revised after receiving Actual generation for the Month of September 19 from NRPC.

(3) Actual geneartion of Solar rooftop power of Delhi recieved from Delhi SNA for the period April-Sept 2019

Monthly RE generation from Inter state Generating Station (ISGS) for September 2019 *						
Station	State/ Region	Sector (Central/State/Private)	Owner	Type	Installed Capacity	Actual Generation
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.42
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	1.04
UNCHAHAR SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	0.78
MAHOBA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	*200	37.62
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	29.04
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	12.97
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	9.49
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	36.66
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	13.46
Northern Region					760	141.48
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	31.71
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	31.40
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	28.23
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	17.19
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	16.61
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	12.19
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	500	3.60
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	32.71
Western Region					2300	173.63
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	53.16
ORANGE	Tamil Nadu	Private	IPP	Wind	200	30.85
MYTRA	Tamil Nadu	Private	IPP	Wind	187	45.00
Southern Region					637	129.01
Total					3697	444.12

Reason for revision : Actual generation data received from NRPC.

* 200 MW commissioned out of 250 MW.

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

(All fig. in MU)

Name of CPSU	Name of State	Installed Capacity (MW)	Source	Actual Generation (MU) during September		Cumulative Generation (MU) for FY 2019-20 and 2018-19	
				September,2019	September,2018	April to September 2019	April to September 2018
NTPC							
NTPC Faridabad_Solar	Haryana	5	Solar	0.53	0.54	3.55	3.42
NTPC Bhadla	Rajasthan	260	Solar	35.40	38.59	225.28	231.48
NTPC Dadri_Solar	Uttar Pradesh	5	Solar	0.50	0.46	3.39	3.54
NTPC Unchahar_Solar	Uttar Pradesh	10	Solar	0.89	1.19	7.58	7.57
NTPC Singrauli_Solar	Uttar Pradesh	15	Solar	1.49	1.69	10.50	10.64
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	0.00	0.00	7.60	10.11
NTPC Rojmal	Gujarat	50	Wind	4.85	6.80	68.60	68.17
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	4.14	5.19	36.62	35.47
NTPC Mandsaur	Madhya Pradesh	250	Solar	19.95	27.41	181.42	178.76
NTPC Anantapuram	Andhra Pradesh	250	Solar	29.61	34.01	194.51	200.34
NTPC Ramagundam	Telangana	10	Solar	1.01	1.13	6.69	6.76
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.27	0.50	2.47	2.53
NTPC Talchar_Solar	Orissa	10	Solar	0.98	0.93	6.70	6.60
THDC							
THDC Patan Wind Power Project	Gujarat	50	Wind	4.00	0.00	66.86	0.00
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	7.90	0.00	98.69	0.00
NHPC							
NHPC Wind Power Project	Rajasthan	50	Wind	3.07	0.00	19.31	0.00
NHPC Solar Power Project	Tamilnadu	50	Solar	7.31	0.00	22.10	0.00
ONGC							
ONGC Wind, Bhuj	Gujarat	51	Wind	0.00	0.00	17.87	0.00
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	7.75	0.00	82.13	0.00
ONGC Solar, Goa	Goa	1	Solar	0.09	0.00	0.50	0.00
SJVN Limited							
Khirvire Wind Power	Maharashtra	47.6	Wind	6.73	0.00	45.43	0.00
Sadla Wind Power	Gujarat	50	Solar	3.94	0.00	51.28	0.00
Charanka Solar Power	Gujarat	5.6	Solar	0.28	0.00	2.75	0.00
Oil India Ltd							
Oil India Ltd	Rajasthan	14	Solar	1.95	2.06	10.73	12.95
Oil India Ltd	Rajasthan	67.6	Wind	4.18	5.82	42.04	61.86
Oil India Ltd	Gujarat	43.3	Wind	5.83	7.57	60.50	68.75
Oil India Ltd	Madhya Pradesh	63.2	Wind	7.13	12.70	82.24	93.18
NEEPCO							
NEEPCO	Tripura	5	Solar	0.58	8.49	3.49	29.69
All India Total		1591.30		160.34	155.09	1360.83	1031.82

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.