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Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority



Monthly Renewable Energy Generation Report
मासिक नवीकरणीय ऊर्जा उत्पादन
April , 2020

नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग
Renewable Energy Project Monitoring Division

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Note: The Broad Overview is a data visualization report. Due to Lockdown, information received from states sometime get revised and the same is published in revised Monthly Report. For all purpose, Monthly Reports should be referred.

SUMMARY OF REPORT FOR THE MONTH OF APRIL, 2020

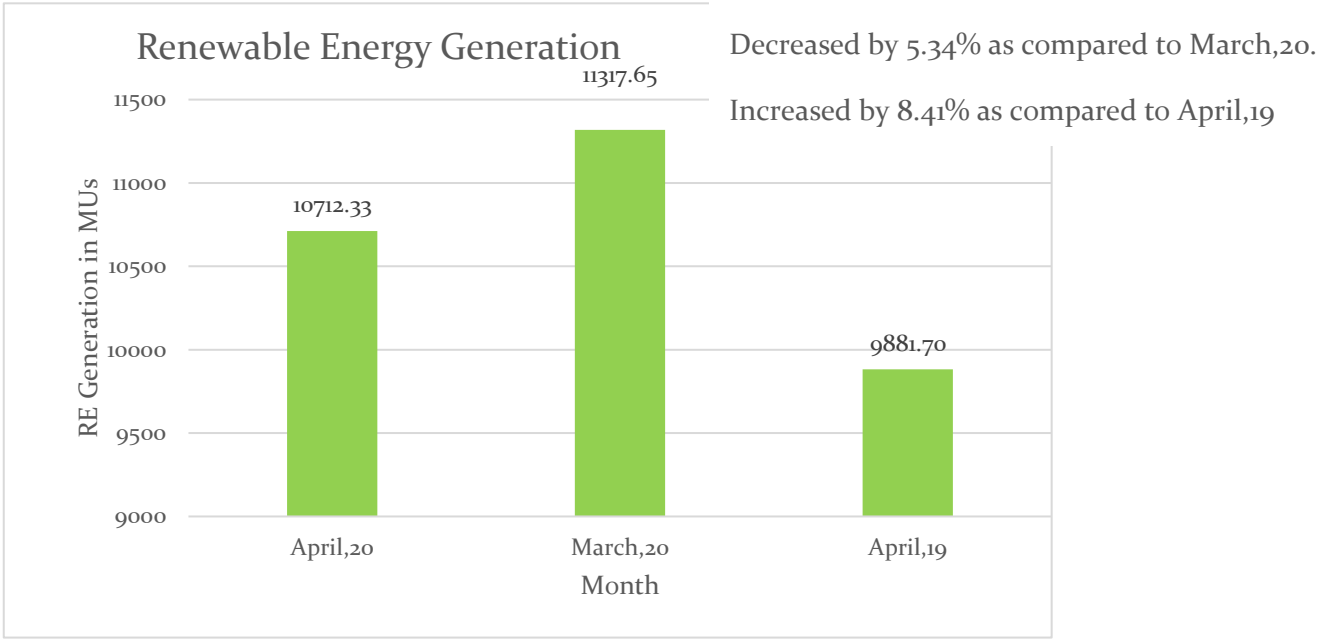


Figure 1 Renewable Energy Generation

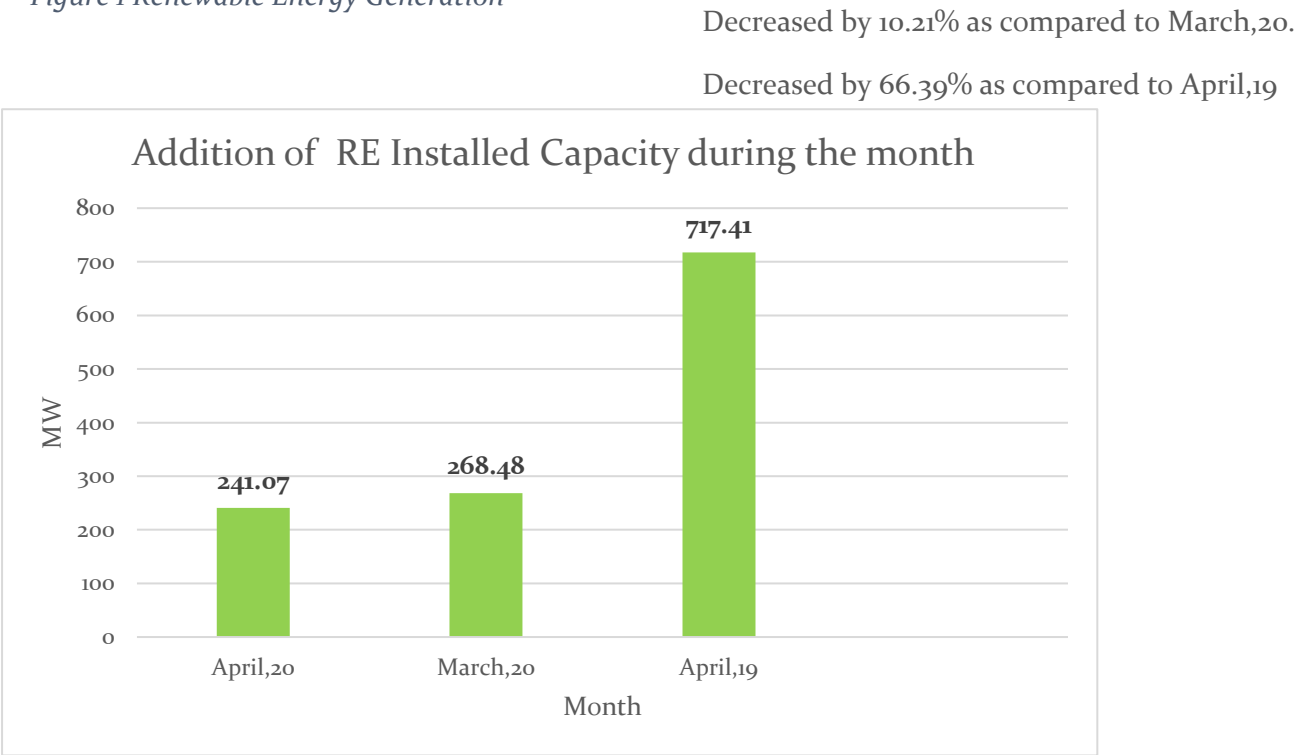


Figure 2 RE capacity added during the Month

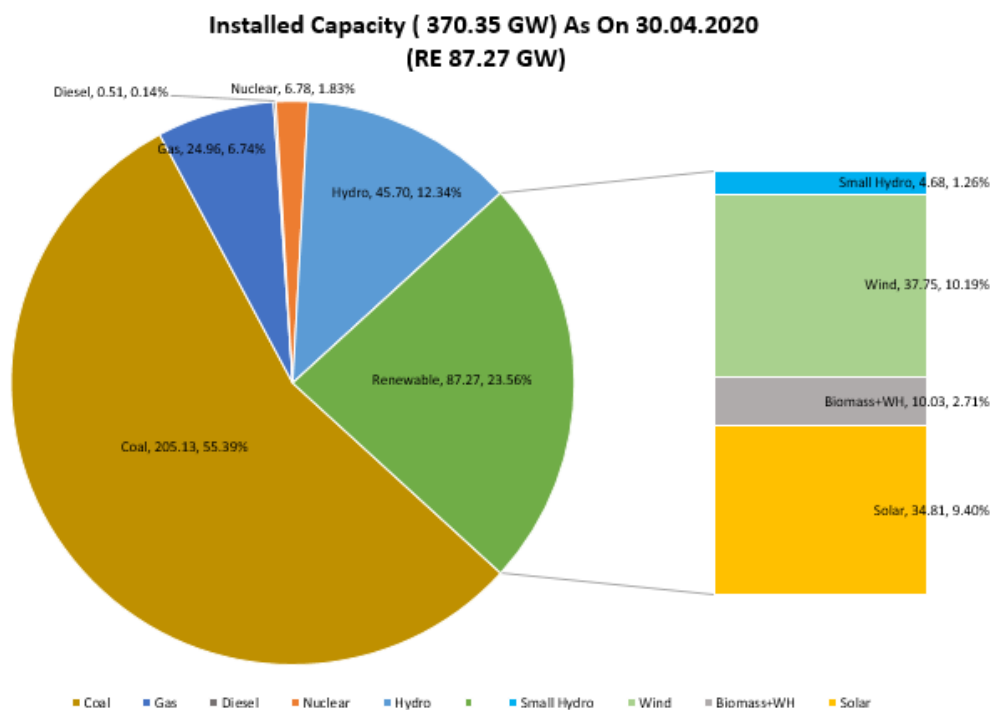


Figure 3 Installed Capacity in India as on 30.04.2020

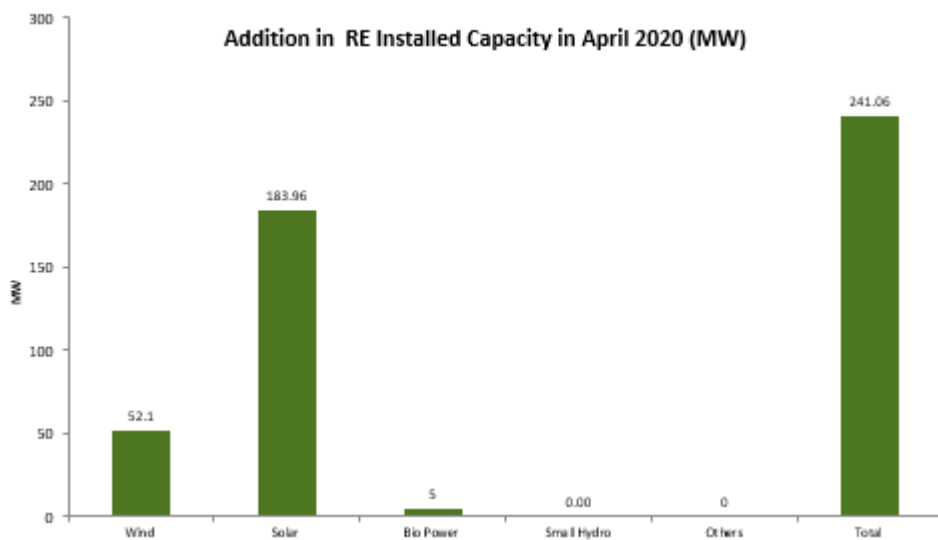


Figure 4: Addition in RE Installed Capacity in April 20.

HIGHLIGHTS OF RE GENERATION DURING APRIL, 2020

1. RE generation, grow by 8.41% in April 2020 as compare to April 2019.
2. Wind Power generation during the month of April 2020 increased in Rajasthan and Gujarat and decreased in Maharashtra, Tamil Nadu, Andhra Pradesh, Karnataka and Madhya Pradesh and Maharashtra as compared to April 2019.
3. Daily wind generation decreases by 6.3 % as compared to April 2019 and increased by 5.40 % as compared to March 2020.
4. Solar Power generation during the month of April 2020 increased in Rajasthan, Gujarat, Karnataka, Andhra Pradesh, Madhya Pradesh and Tamil Nadu and decreased in Telangana as compared to April, 2019.
5. Daily solar generation increased by 28.04% as compared to April 2019 and decreased by 1.80 % as compared to March 2020.
6. Generation from Bagasse is not at the past year levels and still lower than April 2020 in Punjab, Maharashtra, Karnataka and West Bengal as compared to April 2019.

ALL INDIA SUMMARY OF RENEWABLE GENERATION

Source	Installed Capacity (MW) (as on 30.04.2020)	RE Generation April'2020	RE Generation April'2019	% Of Last Year (2/3)
	1	2	3	4
Wind	37745.85	3473.86	3707.28	93.70
Solar	34811.78	5353.45	4181.23	128.04
Biomass	9880.31	269.97	235.01	114.88
Bagasse		888.17	1201.29	73.94
Small Hydro	4683.16	693.60	518.13	133.87
Others	147.64	33.27	38.77	85.80
Total	87268.74	10712.33	9881.70	108.41

Table 1 All India Summary of Renewable Energy Generation

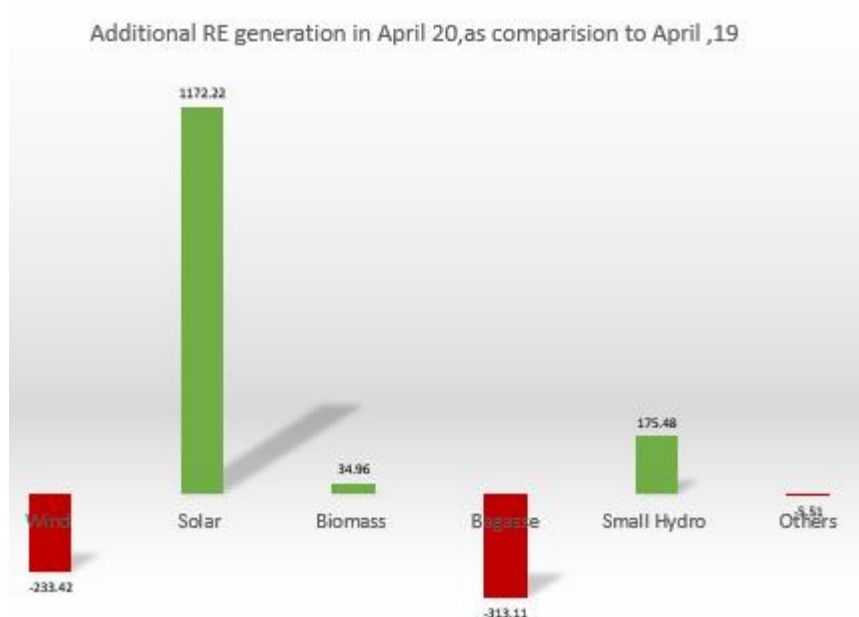


Figure 5 Additional RE Generation in April 20

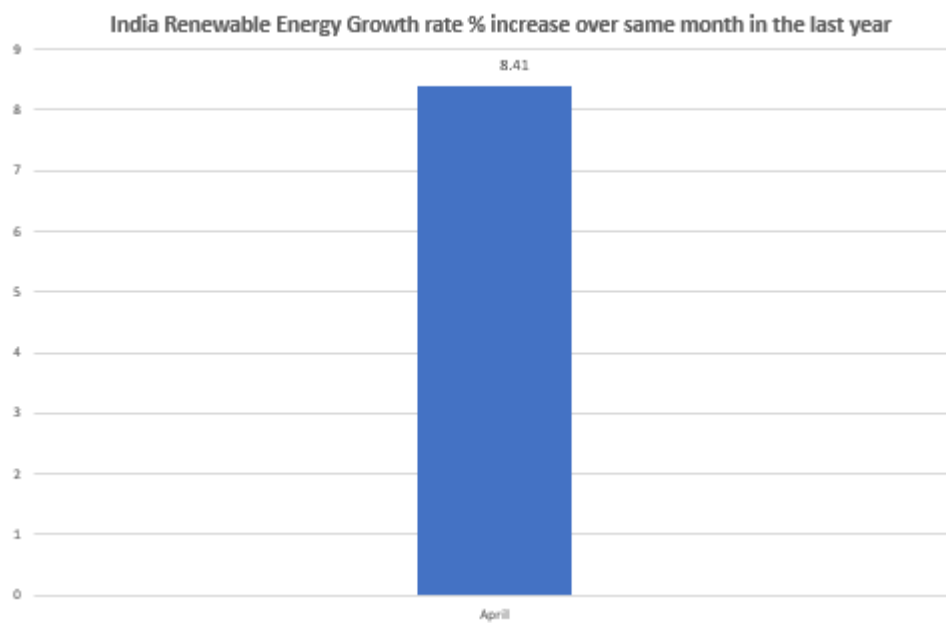


Figure 6 Month Wise Growth of RE Generation

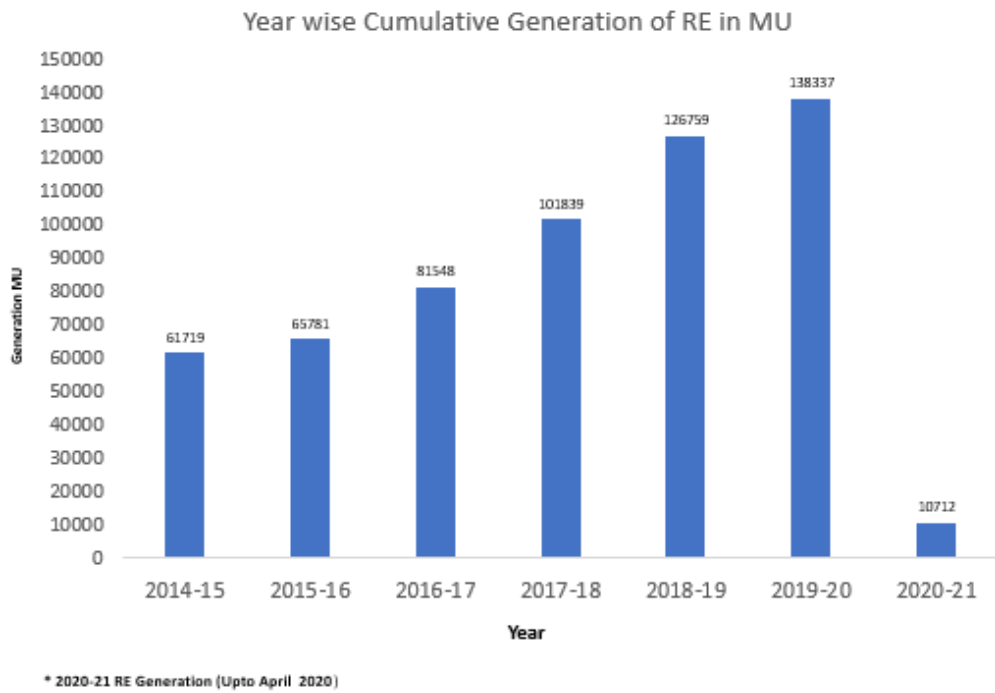


Figure 7 Year Wise RE Generation

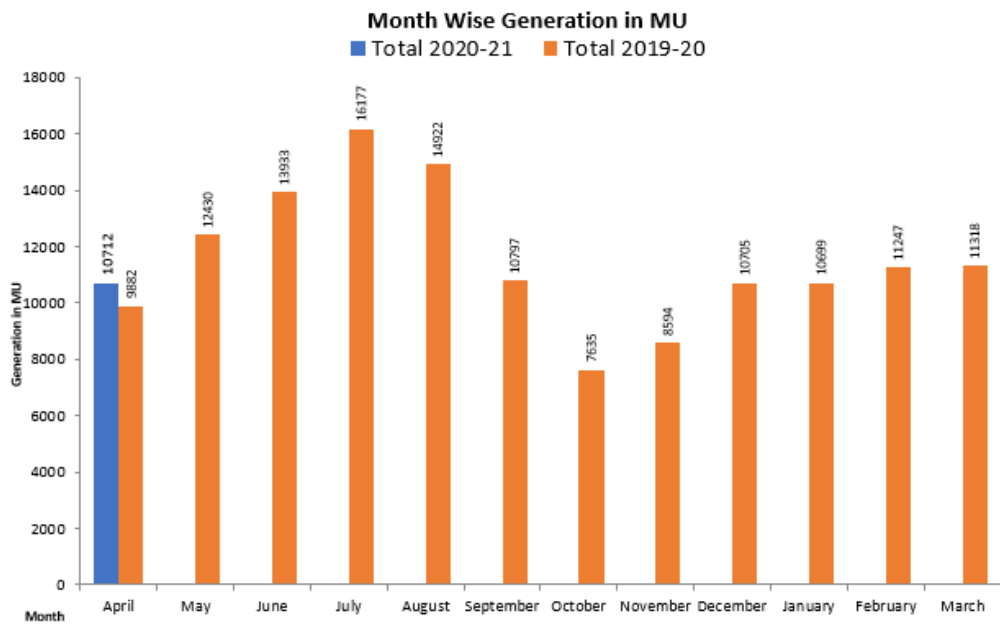


Figure 8 Month Wise RE Generation

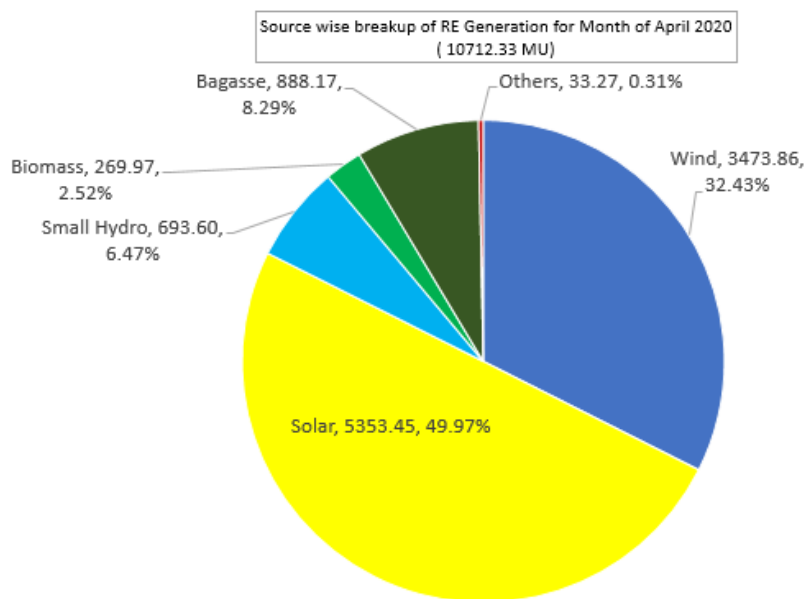


Figure 9 Source wise breakup of RE Generation

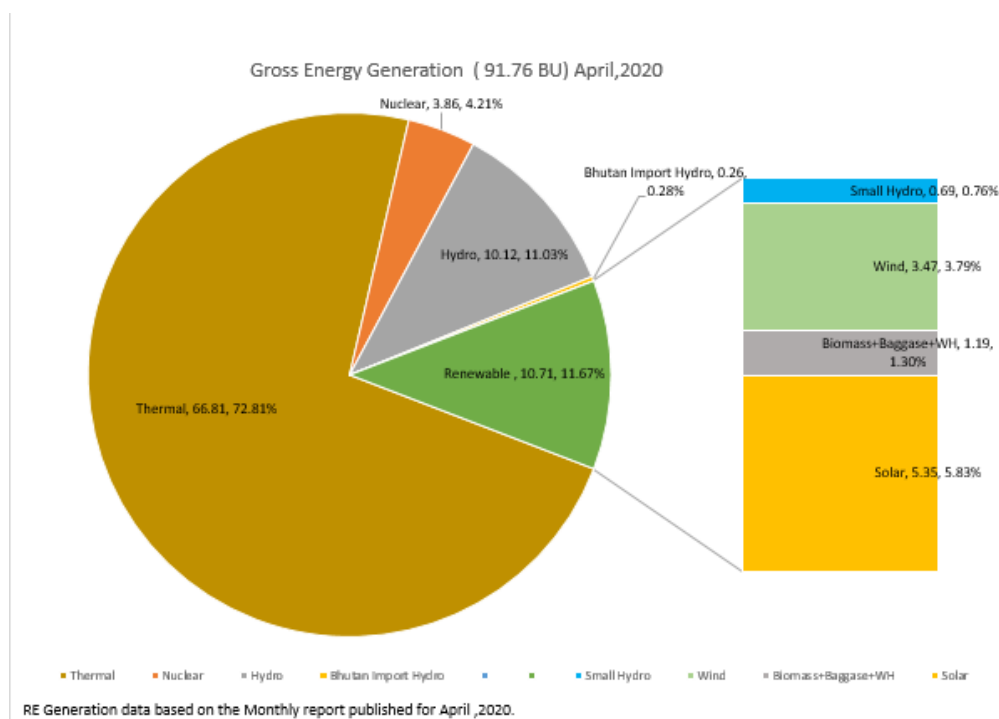


Figure 10 Gross Energy Generation In India and RE Share

Table 2 State Wise Renewable Energy Generation

State/UT	Actual Generation (MU)	
	April,2020	April,2019
Chandigarh	2.67	2.32
Delhi	36.48	40.32
Haryana	77.37	62.10
Himachal Pradesh	240.35	164.62
J & K	51.31	40.17
Ladakh	0.00	0.00
Punjab	223.09	229.58
Rajasthan	1401.97	976.50
Uttar Pradesh	709.48	668.07
Uttarakhand	123.57	117.65
Northern Region	2866.28	2301.33
Chhattisgarh	133.60	86.89
Gujarat	1525.13	1369.75
Madhya Pradesh	754.05	762.37
Maharashtra	957.87	1140.76
Dadra and Nagar Haveli	0.64	0.70
Daman & Diu	2.57	2.12
Goa	0.15	0.00
Western Region	3374.01	3362.58
Andhra Pradesh	1006.09	983.60
Telangana	626.25	629.43
Karnataka	1755.99	1448.66
Kerala	55.89	48.74
Tamil Nadu	839.38	844.20
Lakshadweep	0.06	0.06
Puducherry	0.37	0.27
Southern Region	4284.01	3954.98
Andaman Nicobar	1.16	2.57
Bihar	16.96	46.56
Jharkhand	1.44	1.85
Orissa	64.17	72.24
Sikkim	2.14	2.32

State/UT	Actual Generation (MU)	
	April,2020	April,2019
West Bengal	86.77	123.30
DVC	0.00	0.01
Eastern Region	172.65	248.84
Arunachal Pradesh	0.22	0.15
Assam	2.95	2.02
Manipur	0.43	0.16
Meghalaya	3.03	4.45
Mizoram	2.32	3.71
Nagaland	4.02	0.18
Tripura	2.41	3.30
North Eastern Region	15.38	13.98
All India Total	10712.33	9881.70

Table 3 State Wise wind Power Generation

State Wise -Source Wise RE Generation_ Wind _April 2020		
	Wind Power Generation(MU)	
State/UT	April'20	April'19
Chandigarh	0.00	0.00
Delhi	0.00	0.00
Haryana	0.00	0.00
Himachal Pradesh	0.00	0.00
J & K	0.00	0.00
Ladakh	0.00	0.00
Punjab	0.00	0.00
Rajasthan	467.33	414.20
Uttar Pradesh	0.00	0.00
Uttarakhand	0.00	0.00
Northern Region	467.33	414.20
Chhattisgarh	0.00	0.00
Gujarat	1087.46	1031.56
Madhya Pradesh	347.63	414.14
Maharashtra	418.95	513.13
Dadra and Nagar Haveli	0.00	0.00
Daman & Diu	0.00	0.00
Goa	0.00	0.00
Western Region	1854.04	1958.83
Andhra Pradesh	383.76	401.42
Telangana	13.93	6.23
Karnataka	445.10	514.64
Kerala	4.16	4.84
Tamil Nadu	305.56	390.61
Lakshadweep	0.00	0.00
Puducherry	0.00	0.00
Southern Region	1152.50	1317.74
Andaman Nicobar	0.00	0.00
Bihar	0.00	0.00
Jharkhand	0.00	0.00
Orissa	0.00	16.52
Sikkim	0.00	0.00
West Bengal	0.00	0.00

State Wise -Source Wise RE Generation_ Wind _April 2020		
DVC	0.00	0.00
Eastern Region	0.00	16.52
Arunachal Pradesh	0.00	0.00
Assam	0.00	0.00
Manipur	0.00	0.00
Meghalaya	0.00	0.00
Mizoram	0.00	0.00
Nagaland	0.00	0.00
Tripura	0.00	0.00
North Eastern Region	0.00	0.00
All India Total	3473.86	3707.28

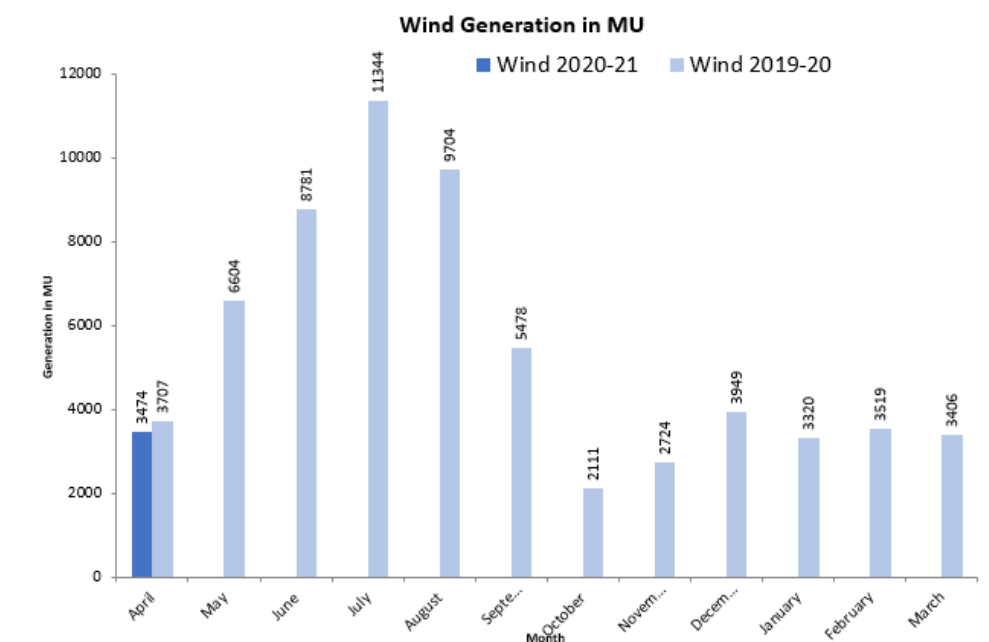


Figure 11 Month Wise Wind Power Generation

Table 4 State Wise Solar Power Generation

State wise_Source Wise RE Generation_Solar_April 2020		
	Solar Power Generation (MU)	
State/UT	April'20	April'19
Chandigarh	2.67	2.32
Delhi	14.60	13.34
Haryana	6.45	7.18
Himachal Pradesh	3.33	0.00
J & K	0.00	0.00
Ladakh	0.00	0.00
Punjab	137.98	141.73
Rajasthan	899.43	527.89
Uttar Pradesh	154.69	123.89
Uttarakhand	36.63	36.12
Northern Region	1255.77	852.48
Chhattisgarh	33.14	34.81
Gujarat	405.77	308.85
Madhya Pradesh	391.23	324.00
Maharashtra	246.55	233.28
Dadra and Nagar Haveli	0.64	0.70
Daman & Diu	2.57	2.12
Goa	0.15	0.00
Western Region	1080.05	903.75
Andhra Pradesh	601.54	547.62
Telangana	590.56	607.54
Karnataka	1226.38	791.54
Kerala	14.83	11.75
Tamil Nadu	516.29	400.11
Lakshadweep	0.06	0.06

Puducherry	0.37	0.27
Southern Region	2950.02	2358.89
Andaman Nicobar	0.86	1.94
Bihar	16.26	17.86
Jharkhand	1.44	1.85
Orissa	40.53	36.60
Sikkim	0.00	0.00
West Bengal	6.84	6.44
DVC	0.00	0.01
Eastern Region	65.94	64.69
Arunachal Pradesh	0.17	0.11
Assam	0.56	0.49
Manipur	0.43	0.16
Meghalaya	0.00	0.00
Mizoram	0.03	0.04
Nagaland	0.00	0.00
Tripura	0.47	0.61
North Eastern Region	1.66	1.41
All India Total	5353.45	4181.23

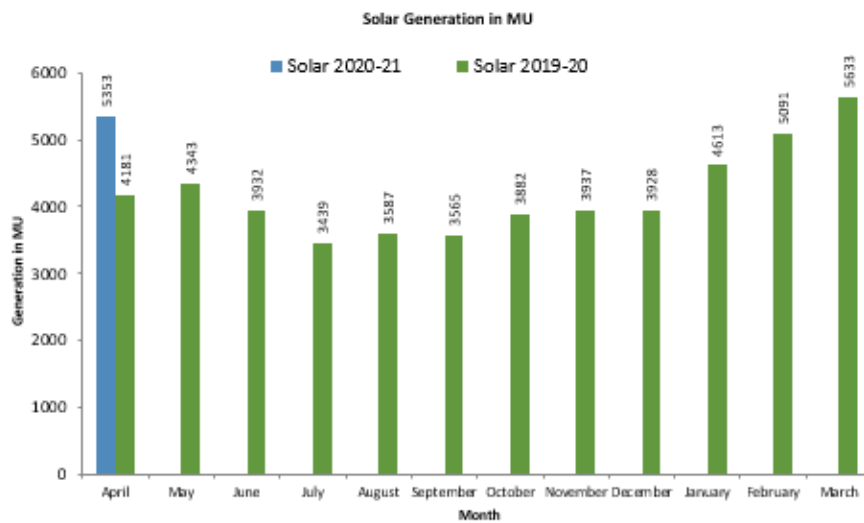


Figure 12 Month wise Solar Power Generation

Table 5 State Wise Biomass Power Generation

State Wise_Source Wise RE Generation_Biomass_April 2020		
	Biomass Power Generation (MU)	
State/UT	April'20	April'19
Chandigarh	0.00	0.00
Delhi	0.00	0.00
Haryana	13.87	14.66
Himachal Pradesh	0.00	0.00
J & K	0.00	0.00
Ladakh	0.00	0.00
Punjab	35.33	26.32
Rajasthan	35.15	34.39
Uttar Pradesh	25.38	10.66
Uttarakhand	0.00	0.00
Northern Region	109.72	86.03
Chhattisgarh	88.35	47.94
Gujarat	10.16	10.49
Madhya Pradesh	0.00	0.23
Maharashtra	19.96	34.28
Dadra and Nagar Haveli	0.00	0.00
Daman & Diu	0.00	0.00
Goa	0.00	0.00
Western Region	118.47	92.94
Andhra Pradesh	9.80	14.81
Telangana	15.30	10.19
Karnataka	10.05	14.09
Kerala	0.00	0.00
Tamil Nadu	2.73	8.66
Lakshadweep	0.00	0.00
Puducherry	0.00	0.00
Southern Region	37.88	47.75
Andaman Nicobar	0.00	0.00
Bihar	0.71	2.00
Jharkhand	0.00	0.00
Orissa	3.19	6.29
Sikkim	0.00	0.00
West Bengal	0.00	0.00
DVC	0.00	0.00
Eastern Region	3.90	8.28
Arunachal Pradesh	0.00	0.00

Assam	0.00	0.00
Manipur	0.00	0.00
Meghalaya	0.00	0.00
Mizoram	0.00	0.00
Nagaland	0.00	0.00
Tripura	0.00	0.00
North Eastern Region	0.00	0.00
All India Total	269.97	235.01

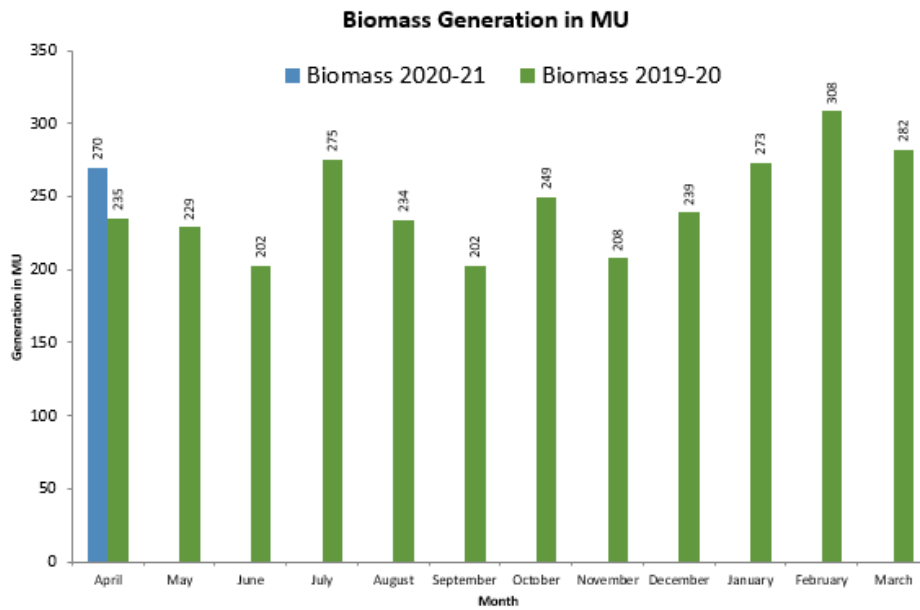


Figure 13 Month Wise Biomass Power Generation

Table 6 State Wise bagasse Power Generation

SOURCE WISE _BAGASSE _RE GENERATION _APRIL2020		
	Bagasse Power Generation (MU)	
STATE/UT	APRIL'20	APRIL'19
CHANDIGARH	0.00	0.00
DELHI	0.00	0.00
HARYANA	25.72	16.06
HIMACHAL PRADESH	0.00	0.00
J & K	0.00	0.00
LADAKH	0.00	0.00
PUNJAB	4.40	31.61
RAJASTHAN	0.00	0.00
UTTAR PRADESH	527.04	530.37
UTTARAKHAND	19.56	13.88
NORTHERN REGION	576.72	591.91
CHHATTISGARH	3.23	0.00
GUJARAT	2.21	3.19
MADHYA PRADESH	0.00	10.68
MAHARASHTRA	187.22	309.56
DADRA AND NAGAR HAVELI	0.00	0.00
DAMAN & DIU	0.00	0.00
GOA	0.00	0.00
WESTERN REGION	192.66	323.43
ANDHRA PRADESH	3.19	9.93
TELANGANA	0.00	4.12
KARNATAKA	31.49	91.95
KERALA	1.63	0.00
TAMIL NADU	7.08	40.15
LAKSHADWEEP	0.00	0.00
PUDUCHERRY	0.00	0.00
SOUTHERN REGION	43.39	146.15
ANDAMAN NICOBAR	0.00	0.00
BIHAR	0.00	26.71
JHARKHAND	0.00	0.00
ORISSA	0.00	0.00
SIKKIM	0.00	0.00
WEST BENGAL	75.40	113.08

DVC	0.00	0.00
EASTERN REGION	75.40	139.79
ARUNACHAL PRADESH	0.00	0.00
ASSAM	0.00	0.00
MANIPUR	0.00	0.00
MEGHALAYA	0.00	0.00
MIZORAM	0.00	0.00
NAGALAND	0.00	0.00
TRIPURA	0.00	0.00
NORTH EASTERN REGION	0.00	0.00
ALL INDIA TOTAL	888.17	1201.29

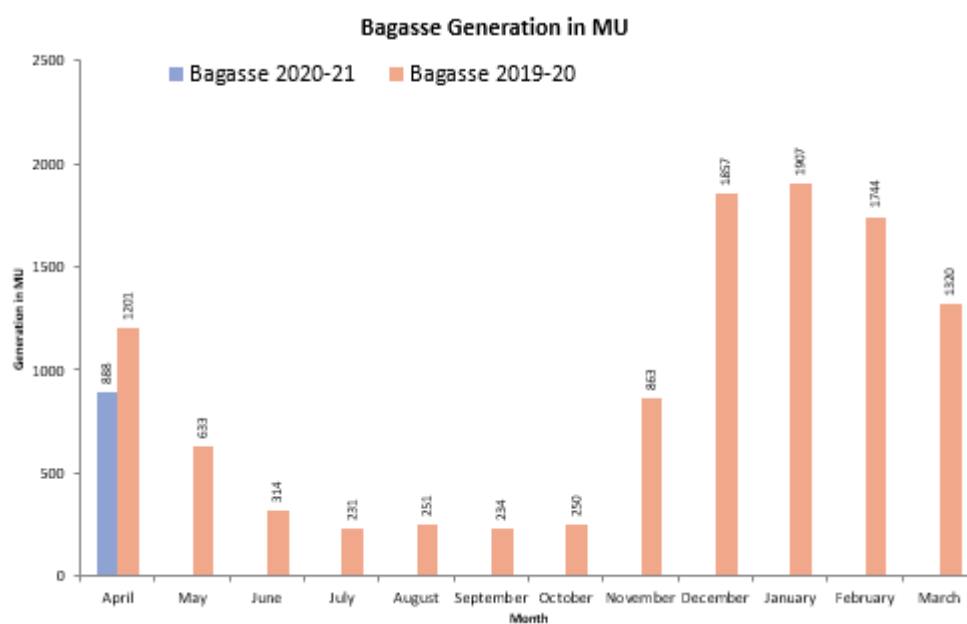


Figure 14 Month wise bagasse Power Generation

Table 7 State Wise Small Hydro Generation

STATE WISE_SOURCE WISE RE GENERATION_SMALL HYDRO_APRIL2020		
	SMALL HYDRO GENERATION (MU)	
STATE/UT	APRIL'20	APRIL'19
CHANDIGARH	0.00	0.00
DELHI	0.00	0.00
HARYANA	31.33	24.20
HIMACHAL PRADESH	237.02	164.62
J & K	51.31	40.17
LADAKH	0.00	0.00
PUNJAB	45.37	29.92
RAJASTHAN	0.06	0.01
UTTAR PRADESH	2.37	3.15
UTTARAKHAND	67.38	67.65
NORTHERN REGION	434.84	329.71
CHHATTISGARH	8.87	4.14
GUJARAT	16.24	7.89
MADHYA PRADESH	12.74	10.89
MAHARASHTRA	85.18	50.39
DADRA AND NAGAR HAVELI	0.00	0.00
DAMAN & DIU	0.00	0.00
GOA	0.00	0.00
WESTERN REGION	123.03	73.30
ANDHRA PRADESH	7.80	9.21
TELANGANA	0.83	0.49
KARNATAKA	42.97	36.46
KERALA	35.27	32.16
TAMIL NADU	7.72	4.67
LAKSHADWEEP	0.00	0.00
PUDUCHERRY	0.00	0.00
SOUTHERN REGION	94.60	82.99
ANDAMAN NICOBAR	0.29	0.63
BIHAR	0.00	0.00
JHARKHAND	0.00	0.00
ORISSA	20.45	12.83
SIKKIM	2.14	2.32
WEST BENGAL	4.53	3.78
DVC	0.00	0.00
EASTERN REGION	27.41	19.56
ARUNACHAL PRADESH	0.05	0.05

ASSAM	2.39	1.53
MANIPUR	0.00	0.00
MEGHALAYA	3.03	4.45
MIZORAM	2.29	3.67
NAGALAND	4.02	0.18
TRIPURA	1.94	2.69
NORTH EASTERN REGION	13.71	12.57
ALL INDIA TOTAL	693.60	518.13

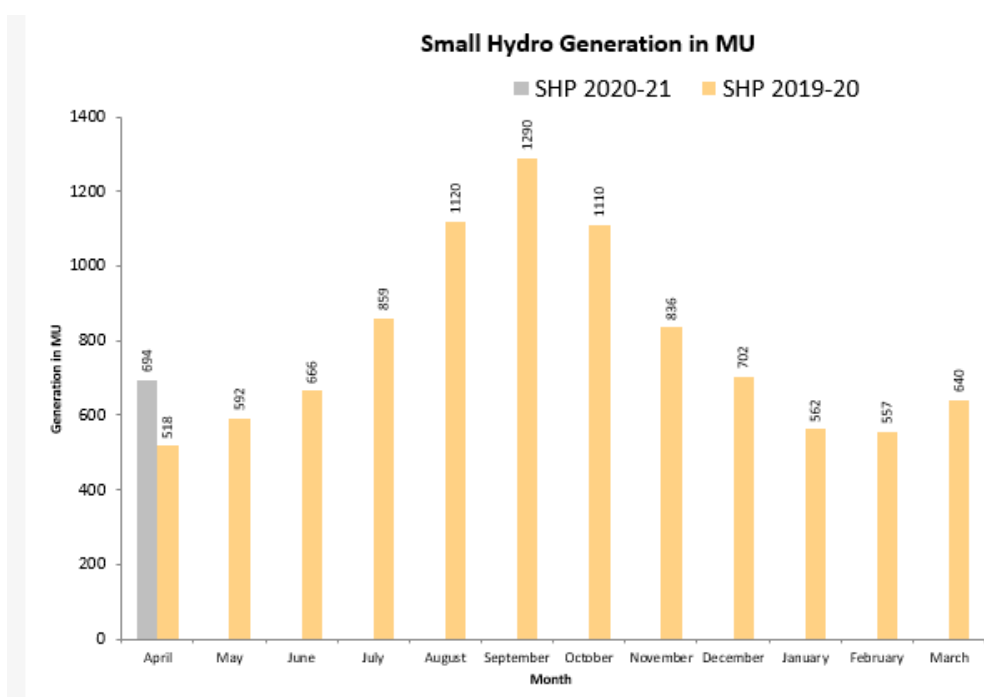


Figure 15 Month wise Small Hydro Power Generation

Table 8 State Wise Other (Waste Heat etc) Power Generation

STATE WISE_SOURCE WISE RE GENERATION_OTHER (WASTE HEAT ETC.) APRIL 2020		
	Power Generation from Others (MUS)	
STATE/UT	APRIL'20	APRIL'19
CHANDIGARH	0.00	0.00
DELHI	21.88	26.98
HARYANA	0.00	0.00
HIMACHAL PRADESH	0.00	0.00
J & K	0.00	0.00
LADAKH	0.00	0.00
PUNJAB	0.01	0.00
RAJASTHAN	0.00	0.00
UTTAR PRADESH	0.00	0.00
UTTARAKHAND	0.00	0.00
NORTHERN REGION	21.89	26.98
CHHATTISGARH	0.00	0.00
GUJARAT	3.29	7.77
MADHYA PRADESH	2.45	2.43
MAHARASHTRA	0.01	0.13
DADRA AND NAGAR HAVELI	0.00	0.00
DAMAN & DIU	0.00	0.00
GOA	0.00	0.00
WESTERN REGION	5.75	10.33
ANDHRA PRADESH	0.00	0.60
TELANGANA	5.63	0.86
KARNATAKA	0.00	0.00
KERALA	0.00	0.00
TAMIL NADU	0.00	0.00
LAKSHADWEEP	0.00	0.00
PUDUCHERRY	0.00	0.00
SOUTHERN REGION	5.63	1.46
ANDAMAN NICOBAR	0.00	0.00
BIHAR	0.00	0.00
JHARKHAND	0.00	0.00
ORISSA	0.00	0.00
SIKKIM	0.00	0.00
WEST BENGAL	0.00	0.00
DVC	0.00	0.00
EASTERN REGION	0.00	0.00
ARUNACHAL PRADESH	0.00	0.00

ASSAM	0.00	0.00
MANIPUR	0.00	0.00
MEGHALAYA	0.00	0.00
MIZORAM	0.00	0.00
NAGALAND	0.00	0.00
TRIPURA	0.00	0.00
NORTH EASTERN REGION	0.00	0.00
ALL INDIA TOTAL	33.27	38.77

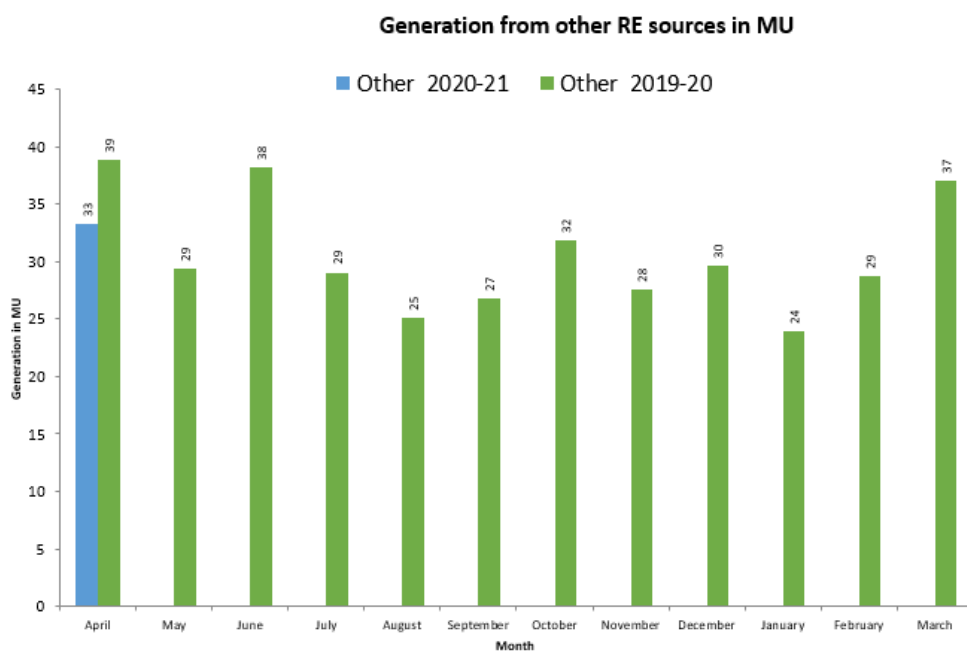


Figure 16 Month Other RE (Waste Heat etc) Power Generation

Table 9: Renewable Energy Generation by ISGS Stations

Monthly RE generation from Inter state Generating Station (ISGS) for APRIL, 2020							
Station	State/ Region	Sector (Central /State /Private)	Owner	Type	Capacity (MW)	Generation (MU)	Monthly CUF
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.66	18%
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	2.03	19%
UNCHAHAR SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	1.42	20%
ACME CHITTORGARH ENERGY PVT LTD	Rajasthan	Private	IPP	Solar	250	44.35	25%
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	38.53	27%
AZURE POWER THIRTY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	130	28.34	30%
CLEAN SOLAR POWER (BHADLA) PVT LDT	Rajasthan	Private	IPP	Solar	300	64.13	30%
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Rajasthan	Private		IPP	50	2.57	7%
MAHOBIA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	44.14	31%
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	11.01	31%
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	54.79	30%
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	42.62	30%
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	34.63	32%
Northern Region*					1810	369.23	28%
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	48.35	27%
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	50.27	28%
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	48.95	27%
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Gujarat	Private	IPP	Wind	176	41.40	33%
GREEN INFRA WIND ENERGY LIMITED SECI 2	Gujarat	Private	IPP	Wind	250	56.74	32%
GREEN INFRA WIND ENERGY LIMITED SECI 3	Gujarat	Private	IPP	Wind	300	59.85	28%

INOX WIND	Gujarat	Private	IPP	Wind	250	20.74	12%
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	43.22	24%
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	61.37	34%
Western Region					1976	430.88	30%
BEETAM (TITUCORIN)	Tamil Nadu	Private	IPP	Wind	50.2	4.64	13%
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	23.74	13%
ORANGE	Tamil Nadu	Private	IPP	Wind	200	18.10	13%
MYTRA	Tamil Nadu	Private	IPP	Wind	187	13.70	10%
Southern Region					687.2	60.19	
Total					4473.2	860.30	

Table 10 Renewable Energy Generation by CPSU Owned stations

Renewable Energy Generation Data (CPSU Wise)					
CPSU	State	Installed Capacity (MW)	Source	Actual Generation (MU) April,2020	Monthly CUF(%)
NTPC					
NTPC Faridabad_Solar	Haryana	5	Solar	0.68	18.99
NTPC Bhadla	Rajasthan	260	Solar	38.27	20.44
NTPC Dadri_Solar	Uttar Pradesh	5	Solar	0.66	18.40
NTPC Unchahar_Solar	Uttar Pradesh	10	Solar	1.42	19.72
NTPC Singrauli_Solar	Uttar Pradesh	15	Solar	2.03	18.76
NTPC Singrauli_SH	Uttar Pradesh	8	Small Hydro	2.35	40.80
NTPC Rojmal	Gujarat	50	Wind	5.14	14.28
NTPC Rajgarh_Solar	Madhya Pradesh	50	Solar	7.36	20.45
NTPC Mandsaur	Madhya Pradesh	250	Solar	35.96	19.98
NTPC Anantapuram	Andhra Pradesh	250	Solar	36.73	20.40
NTPC Ramagundam	Telangana	10	Solar	1.76	24.49
NTPC Andaman Nicobar	Andaman Nicobar	5	Solar	0.43	11.97
NTPC Talchar_Solar	Orissa	10	Solar	1.27	17.60
Total NTPC		928		134.07	
THDC Patan Wind Power Project	Gujarat	50	Wind	7.96	22.11
THDC Devbhumi Dwarka Wind Power Project	Gujarat	63	Wind	9.84	21.69
Total THDC		113		17.80	21.88
NHPC Wind Power Project	Rajasthan	50	Wind	3.30	7.22
NHPC Solar Power Project	Tamil Nadu	50	Solar	8.50	27.61
Total NHPC		100		11.80	17.42
ONGC Wind, Bhuj	Gujarat	51	Wind	5.04	13.72
ONGC Wind, Jaisalmer	Rajasthan	102	Wind	9.46	12.88
ONGC Solar, Goa	Goa	1	Solar	0.15	20.41
ONGC Solar, Hazira	Gujarat	10	Solar	1.52	21.06
ONGC Solar, Ankleshwar	Gujarat	5	Solar	0.80	22.25
ONGC Solar,Rajahmundry	Andhra Pradesh	1	Solar	0.13	17.65

ONGC Solar, Rooftop (RTS) Gujarat	Gujarat	4.232	Solar	0.43	14.05
ONGC Solar, Assam (RTS)	Assam	1.645	Solar	0.16	13.17
ONGC Solar, Uttarakhand (RTS)	Uttarakhand	1.236	Solar	0.14	15.33
ONGC Solar, Agartala asset	Tripura	0.247	Solar	0.02	12.86
ONGC Solar, Mumbai (Uran & NBP green height)	Maharashtra	0.285	Solar	0.00	0.00
ONGC Solar, Cauvery Assest Karaikal	Maharashtra	0.015	Solar	0.00	0.00
ONGC Solar,DDU Bhawan, (Under Maintenance)	Goa	0.25	Solar	0.00	0.00
Total ONGC		177.91		17.83	
SJVN Limited					
Khirvire Wind Power	Maharashtra	47.6	Wind	3.71	8.09
Sadla Wind Power	Gujarat	50	Solar	2.70	10.43
Charanka Solar Power	Gujarat	5.6	Solar	0.89	19.94
Total SJVN		103.2		7.30	
Oil India Ltd					
Oil India Ltd	Rajasthan	14	Solar	2.14	21.23
Oil India Ltd	Rajasthan	67.6	Wind	3.58	7.36
Oil India Ltd	Gujarat	43.3	Wind	5.19	16.65
Oil India Ltd	Madhya Pradesh	63.2	Wind	12.57	27.62
Total Oil India Ltd		188.1		23.48	17.34
NEEPCO	Tripura	5	Solar	0.45	12.51
All India		1615.21		212.73	
Generation of CPSU owned RE generating stations is shown in respective state according to physical location so their generation should not be considered additional generation.					

RENEWABLE ENERGY CURTAILMENT DURING APRIL 2020,

(As Available on SLDCs web site or informed by respective SLDC)

Table 11 RE Curtailment Data as available from SLDCs

Renewable Energy Curtailment for the month of April-2020			
S.No	States	Curtailment (MU)	Source
1.	Andhra Pradesh	*	APTRANSCO Website- http://apps.aptransco.co.in/sldcreports/forms/BackDownWind.aspx
2.	Telangana	0	Information furnished by SLDC, TSTransco through email.
3.	Tamil Nadu	-	No information is available on website.
4.	Karnataka	0	SLDC, KPTCL Website- http://kptclsldc.com/recurtail.aspx
5.	Maharashtra	-	No information is available on website.
6.	Gujarat	-	No information is available on website.
7.	Rajasthan	0	SLDC, RRVPNL Website- https://sldc.rajasthan.gov.in/mis/monthlyReDsmReports
8.	Madhya Pradesh	0	SLDC, MP Power Transmission Corporation Ltd.- http://223.31.122.117/mpsldc/RE_DATA

*Curtailment detail in Andhra Pradesh given in MW is enclosed below:

Solar curtailment in Andhra Pradesh as given below:

Date	Block No	Time	Solar curtailment MW	Total Solar Curtailment MW	Solar generation MW	Reasons for Backing down
09-04-2020	32	07:50:00	200	200	562	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	37	09:01:00	50	50	1031	Curtailed to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
09-04-2020	37	09:04:00	100	100	1081	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
09-04-2020	38	09:26:00	50	100	1093	Curtailed to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
09-04-2020	39	09:31:00	100	300	1144	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	44	10:50:00	100	400	1110	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	46	11:28:00	100	500	1094	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	46	11:28:00	100	100	1094	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
09-04-2020	50	12:26:00	100	200	951	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
09-04-2020	50	12:28:00	100	200	953	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
09-04-2020	51	12:33:00	-200	300	906	Released to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	51	12:33:00	-100	100	906	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
09-04-2020	51	12:36:00	-100	100	891	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
09-04-2020	52	12:46:00	-100	0	1079	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
09-04-2020	54	13:20:00	200	500	1260	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	55	13:31:00	100	100	1080	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
09-04-2020	57	14:00:00	150	650	928	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	57	14:00:00	100	200	928	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
09-04-2020	57	14:09:00	200	850	879	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	57	14:10:00	100	200	822	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
09-04-2020	59	14:45:00	100	950	502	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	59	14:45:00	75	275	502	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
09-04-2020	64	15:54:00	100	1050	346	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	69	17:04:00	-1050	0	295	Released to maintain grid security as per IEGC regulation (At Ghani SS)
09-04-2020	69	17:05:00	-200	0	299	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
09-04-2020	69	17:06:00	-275	0	298	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)

09-04-2020	69	17:07:00	-100	0	303	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
10-04-2020	35	08:30:00	400	400	1179	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
10-04-2020	37	09:00:00	-400	0	1050	Released to maintain grid security as per IEGC regulation (At Ghani SS)
10-04-2020	42	10:25:00	50	50	2050	Curtailed to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
10-04-2020	51	12:35:00	-50	0	2038	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
10-04-2020	53	13:04:00	100	100	2134	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
10-04-2020	53	13:04:00	100	100	2134	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
10-04-2020	57	14:10:00	-100	0	1842	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
10-04-2020	57	14:10:00	-100	0	1842	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
14-04-2020	47	11:44:00	200	200	2148	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
14-04-2020	57	14:08:00	-200	0	1892	Released to maintain grid security as per IEGC regulation (At Ghani SS)
24-04-2020	64	15:58:00	300	300	969	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
24-04-2020	64	15:58:00	49	49	981	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
24-04-2020	64	15:59:00	150	150	981	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
24-04-2020	67	16:40:00	-300	0	545	Released to maintain grid security as per IEGC regulation (At Ghani SS)
24-04-2020	67	16:41:00	-49	0	538	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
24-04-2020	67	16:42:00	-150	0	537	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
25-04-2020	32	08:00:00	200	200	995	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	35	08:30:00	100	100	1024	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
25-04-2020	35	08:31:00	100	100	997	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
25-04-2020	35	08:32:00	50	50	1003	Curtailed to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
25-04-2020	42	10:26:00	-100	100	1101	Released to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	46	11:16:00	-100	0	1279	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
25-04-2020	46	11:18:00	-100	0	1275	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
25-04-2020	49	12:04:00	-100	0	1642	Released to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	50	12:19:00	-50	0	1736	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
25-04-2020	54	13:26:00	200	200	1900	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	54	13:26:00	50	50	1900	Curtailed to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
25-04-2020	55	13:44:00	100	100	1655	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
25-04-2020	55	13:44:00	100	100	1655	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)

25-04-2020	56	13:46:00	100	300	1643	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	57	14:11:00	200	500	1338	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	57	14:13:00	100	200	1330	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
25-04-2020	57	14:14:00	100	200	1248	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
25-04-2020	61	15:02:00	100	600	892	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	62	15:20:00	200	800	777	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	69	17:09:00	-200	0	376	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
25-04-2020	69	17:10:00	-200	0	375	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
25-04-2020	69	17:14:00	-800	0	340	Released to maintain grid security as per IEGC regulation (At Ghani SS)
25-04-2020	70	17:16:00	-50	0	338	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
26-04-2020	34	08:15:00	50	50	918	Curtailed to maintain grid security or safety as per IEGC regulation (at Distributed stations in percentage)
26-04-2020	34	08:15:00	200	200	918	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
26-04-2020	34	08:15:00	100	100	918	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
26-04-2020	51	12:40:00	-100	0	1492	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
26-04-2020	55	13:40:00	-200	0	1658	Released to maintain grid security as per IEGC regulation (At Ghani SS)
26-04-2020	60	14:50:00	-50	0	1522	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)
27-04-2020	40	09:50:00	200	200	1758	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
27-04-2020	40	09:50:00	100	100	1758	Curtailed to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
27-04-2020	40	09:50:00	50	50	1758	Curtailed to maintain grid security or safety as per IEGC regulation (at Distributed stations in percentage)
27-04-2020	41	10:00:00	200	400	1713	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
27-04-2020	42	10:20:00	-200	200	1356	Released to maintain grid security as per IEGC regulation (At Ghani SS)
27-04-2020	43	10:30:00	100	100	1567	Curtailed to maintain grid security as per IEGC regulation (At Mylavaram SS)
27-04-2020	49	12:07:00	-100	100	1590	Released to maintain grid security as per IEGC regulation (At Ghani SS)
27-04-2020	49	12:07:00	-50	50	1590	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
27-04-2020	49	12:07:00	-50	50	1590	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
27-04-2020	50	12:24:00	-100	0	1727	Released to maintain grid security as per IEGC regulation (At Ghani SS)
27-04-2020	50	12:24:00	-50	0	1727	Released to maintain grid security as per IEGC regulation (At Mylavaram SS)
27-04-2020	51	12:40:00	-50	0	1881	Released to maintain grid security as per IEGC regulation (At Thalaricheruvu SS)
27-04-2020	51	12:40:00	-50	0	1881	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)

29-04-2020	39	09:43:00	300	300	1303	Curtailed to maintain grid security as per IEGC regulation (At Ghani SS)
29-04-2020	40	09:53:00	50	50	1295	Curtailed to maintain grid security or safety as per IEGC regulation (at Distributed stations in percentage)
29-04-2020	43	10:42:00	-300	0	1220	Released to maintain grid security as per IEGC regulation (At Ghani SS)
29-04-2020	46	11:20:00	-50	0	1604	Released to maintain grid security as per IEGC regulation (At distributed Solar in percentage)

Wind Curtailment in Andhra Pradesh as given below :

Date	Block No	Time	wind curtailment MW	Total wind Curtailment MW	wind generation MW	Reasons for Backing down
02-04-2020	87	21:31:00	25	25	1457	Curtailed to maintain grid security as per IEGC regulation (in percentage)
02-04-2020	89	22:01:00	-15	10	1304	Released to maintain grid security as per IEGC regulation (in percentage)
02-04-2020	89	22:08:00	-10	0	1288	Released to maintain grid security as per IEGC regulation (in percentage)
07-04-2020	72	17:54:00	30	30	1191	Curtailed to maintain grid security as per IEGC regulation (in percentage)
07-04-2020	75	18:41:00	-20	10	957	Released to maintain grid security as per IEGC regulation (in percentage)
07-04-2020	75	18:43:00	-10	0	943	Released to maintain grid security as per IEGC regulation (in percentage)
07-04-2020	92	22:50:00	30	30	1229	Curtailed to maintain grid security as per IEGC regulation (in percentage)
07-04-2020	94	23:25:00	-30	0	1042	Released to maintain grid security as per IEGC regulation (in percentage)
09-04-2020	27	06:34:00	50	50	403	Curtailed to maintain grid security as per IEGC regulation (in percentage)
09-04-2020	29	07:12:00	-50	0	291	Released to maintain grid security as per IEGC regulation (in percentage)
09-04-2020	59	14:31:00	100	100	218	Curtailed to maintain grid security as per IEGC regulation (in percentage)
09-04-2020	72	17:55:00	-25	75	387	Released to maintain grid security as per IEGC regulation (in percentage)
09-04-2020	73	18:01:00	-25	50	400	Released to maintain grid security as per IEGC regulation (in percentage)
09-04-2020	77	19:12:00	-50	0	1310	Released to maintain grid security as per IEGC regulation (in percentage)
14-04-2020	57	14:01:00	30	30	1470	Curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2020	62	15:17:00	-10	20	1237	Released to maintain grid security as per IEGC regulation (in percentage)
14-04-2020	62	15:28:00	-20	0	1295	Released to maintain grid security as per IEGC regulation (in percentage)
14-04-2020	68	16:50:00	30	30	1746	Curtailed to maintain grid security as per IEGC regulation (in percentage)
14-04-2020	73	18:06:00	-30	0	1443	Released to maintain grid security as per IEGC regulation (in percentage)
24-04-2020	36	09:00:00	25	25	1167	Curtailed to maintain grid security as per IEGC regulation (in percentage)
24-04-2020	43	10:42:00	-25	0	768	Released to maintain grid security as per IEGC regulation (in percentage)

24-04-2020	70	17:20:00	50	50	482	Curtailed to maintain grid security as per IEGC regulation (in percentage)
24-04-2020	74	18:19:00	-25	25	709	Released to maintain grid security as per IEGC regulation (in percentage)
24-04-2020	74	18:27:00	-25	0	720	Released to maintain grid security as per IEGC regulation (in percentage)
24-04-2020	93	23:10:00	30	30	1145	Curtailed to maintain grid security as per IEGC regulation (in percentage)
24-04-2020	96	23:50:00	-20	10	978	Released to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	1	00:09:00	-10	0	1091	Released to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	16	03:47:00	30	30	1281	Curtailed to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	18	04:29:00	-20	10	1057	Released to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	24	05:58:00	10	20	1345	Curtailed to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	26	06:28:00	10	30	1299	Curtailed to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	30	07:30:00	20	50	1390	Curtailed to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	34	08:17:00	20	70	1158	Curtailed to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	43	10:32:00	-20	50	828	Released to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	57	14:02:00	25	75	540	Curtailed to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	61	15:04:00	10	85	515	Curtailed to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	62	15:22:00	15	100	510	Curtailed to maintain grid security as per IEGC regulation (in percentage)
25-04-2020	70	17:23:00	-50	50	202	Released to maintain grid security as per IEGC regulation(in percentage)
25-04-2020	73	18:08:00	-50	0	493	Released to maintain grid security as per IEGC regulation(in percentage)
25-04-2020	93	23:05:00	50	50	491	Curtailed to maintain grid security as per IEGC regulation (in percentage)
26-04-2020	13	03:12:00	-30	20	459	Released to maintain grid security as per IEGC regulation (in percentage)
26-04-2020	14	03:26:00	-20	0	379	Released to maintain grid security as per IEGC regulation (in percentage)
26-04-2020	25	06:01:00	50	50	465	Curtailed to maintain grid security as per IEGC regulation (in percentage)
26-04-2020	27	06:38:00	30	80	294	Curtailed to maintain grid security as per IEGC regulation (in percentage)
26-04-2020	44	10:56:00	-20	60	134	Released to maintain grid security as per IEGC regulation (in percentage)
26-04-2020	45	11:10:00	-30	30	45	Released to maintain grid security as per IEGC regulation (in percentage)
26-04-2020	47	11:41:00	-30	0	107	Released to maintain grid security as per IEGC regulation (in percentage)
26-04-2020	95	23:38:00	20	20	1601	Curtailed to maintain grid security as per IEGC regulation (in percentage)
27-04-2020	3	00:33:00	-10	10	1354	Released to maintain grid security as per IEGC regulation (in percentage)
27-04-2020	4	00:46:00	-10	0	1440	Released to maintain grid security as per IEGC regulation (in percentage)
27-04-2020	10	02:27:00	10	10	1577	Curtailed to maintain grid security as per IEGC regulation (in percentage)

27-04-2020	21	05:01:00	10	20	1287	Curtailed to maintain grid security as per IEGC regulation (in percentage)
27-04-2020	22	05:22:00	20	40	1232	Curtailed to maintain grid security as per IEGC regulation (in percentage)
27-04-2020	26	06:19:00	-20	20	866	Released to maintain grid security as per IEGC regulation (in percentage)
27-04-2020	27	06:31:00	-20	0	880	Released to maintain grid security as per IEGC regulation (in percentage)
28-04-2020	83	20:37:00	20	20	1124	Curtailed to maintain grid security as per IEGC regulation(in percentage)
28-04-2020	87	21:31:00	-20	0	1146	Released to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	1	00:02:00	20	20	1395	Curtailed to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	2	00:17:00	20	40	1230	Curtailed to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	4	00:48:00	-20	20	1020	Released to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	5	01:02:00	-20	0	1200	Released to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	11	02:30:00	30	30	1386	Curtailed to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	16	03:54:00	-10	20	673	Released to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	17	04:08:00	-20	0	609	Released to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	40	09:53:00	30	30	625	Curtailed to maintain grid security as per IEGC regulation (in percentage)
29-04-2020	46	11:29:00	-30	0	390	Released to maintain grid security as per IEGC regulation (in percentage)

Table 11 Deviation Data for ISGS

Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of April, 2020				
Station	Source	Schedule (MU)	Actual(MU)	Deviation (Actual-Schedule) in MU.
Northern Region				
ACME CHITTORGARH ENERGY PVT LTD	Solar	43.95	44.35	0.40
AZURE SOLAR	Solar	37.97	38.53	0.56
AZURE SOLAR THIRTY FOUR	Solar	27.31	28.34	1.03
CLEAN SOLAR POWER(BHADLA) PVT LTD.	Solar	61.67	64.13	2.46
DADRI SOLAR	Solar	0.68	0.66	-0.02
KILAJ SOLAR (MAHARASHTRA) PVT LTD.	Solar	2.57	2.57	0.00
MAHOBA SOLAR	Solar	24.11	25.20	1.09
RENEW SOLAR POWER LTD	Solar	11.13	11.01	-0.11
RENEW SOLAR POWER PVT LTD BIKANER	Solar	53.28	54.79	1.50
SB ENERGY	Solar	43.95	42.62	-1.33
SINGRAULI SOLAR	Solar	1.83	1.93	0.10
TATA POWER RENEWABLE	Solar	33.10	34.63	1.53
UNCHAHAH SOLAR	Solar	1.51	1.41	-0.11
Western Region				
ACME SOLAR (RAMNAGAR)	Solar	47.57	48.35	-0.77
ADANI GREEN ENERGY MP LTD(DAYAPAR)	Wind	41.32	41.10	-0.22
ARINSUN SOLAR (BARSAITADESH)	Solar	48.01	50.27	-2.26
GREEN INFRA WIND ENERGY LIMITED SECI 2	Wind	59.81	56.74	3.07
GREEN INFRA WIND ENERGY LIMITED SECI 3	Wind	53.87	51.71	2.15
INOX WIND	Wind	20.97	20.74	0.23
MAHINDRA SOLAR (BADWAR)	Solar	46.24	48.95	-2.71
OSTRO -KUTCH	Wind	64.11	61.37	2.74
RENEW SOLAR (BHUVAD)	Solar	48.04	43.22	4.83
Southern Region				0.00
BEETAM	Wind	6.01	4.64	-1.37
GREEN INFRA	Wind	28.38	23.74	-4.63
MYTRAH	Wind	19.46	13.70	-5.76
ORANGE	Wind	22.80	18.10	-4.70

+ve Deviation Means Actual generation is greater than Schedule Generation.

Table 12 Fossil and Non Fossil Generation

Fossil and Non Fossil (State Wise) Electricity Generation for the Month of April,2020							
State/UT	Fossil		Non Fossil			Grand Total	Non Fossil as % of Total Generation
	Thermal	Gas	Nuclear	Hydro (Large)	Renewable Energy		
Chandigarh	0.00	0.00	0.00	0.00	2.67	2.67	100.00
Delhi	0.00	347.75	0.00	0.00	36.48	384.23	9.49
Haryana	124.81	0.00	0.00	0.00	77.37	202.18	38.27
Himachal Pradesh	0.00	0.00	0.00	2234.61	240.35	2474.96	100.00
J & K	0.00	0.00	0.00	1507.01	51.31	1558.32	100.00
Ladakh	0.00	0.00	0.00	18.85	0.00	18.85	100.00
Punjab	0.00	0.00	0.00	335.72	223.09	558.81	100.00
Rajasthan	2073.90	62.10	709.86	19.11	1401.97	4266.94	49.94
Uttar Pradesh	8155.79	304.09	268.34	80.12	709.48	9517.82	11.12
Uttarakhand	0.00	0.00	0.00	841.32	123.57	964.89	100.00
Northern Region	10354.50	713.94	978.20	5036.74	2866.28	19949.66	44.52
Chhattisgarh	8987.79	0.00	0.00	18.90	133.60	9140.29	1.67
Gujarat	4274.01	2224.82	309.94	253.60	1525.13	8587.50	24.32
Madhya Pradesh	7948.05	0.00	0.00	424.14	754.05	9126.24	12.91
Maharashtra	5532.22	479.47	898.59	668.24	957.87	8536.39	29.58
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.64	0.64	100.00
Daman & Diu	0.00	0.00	0.00	0.00	2.57	2.57	100.00
Goa	0.00	0.00	0.00	0.00	0.15	0.15	100.00
Western Region	26742.07	2704.29	1208.53	1364.88	3374.01	35393.78	16.80
Andhra Pradesh	3003.89	332.71	0.00	192.29	1006.09	4534.98	26.43
Telangana	3202.79	0.00	0.00	37.22	626.25	3866.26	17.16
Karnataka	1906.77	0.00	454.80	1209.98	1755.99	5327.54	64.21
Kerala	0.00	0.00	0.00	507.09	55.89	562.98	100.00
Tamil Nadu	3784.94	275.10	1218.54	248.46	839.38	6366.42	36.23
Lakshadweep	0.00	0.00	0.00	0.00	0.06	0.06	100.00
Puducherry	0.00	21.02	0.00	0.00	0.37	21.39	1.73
Southern Region	11898.39	628.83	1673.34	2195.04	4284.01	20679.61	39.42
Andaman Nicobar	10.80	0.00	0.00	0.00	1.16	11.96	9.68
Bihar	2361.07	0.00	0.00	0.00	16.96	2378.03	0.71
Jharkhand	1593.36	0.00	0.00	9.66	1.44	1604.46	0.69
Orissa	4322.35	0.00	0.00	625.73	64.17	5012.25	13.76

Sikkim	0.00	0.00	0.00	569.84	2.14	571.98	100.00
West Bengal	4426.84	0.00	0.00	159.50	86.77	4673.11	5.27
DVC	0.00	0.00	0.00	0.00	0.00	0.00	100.00
Eastern Region	12714.42	0.00	0.00	1364.73	172.65	14251.80	10.79
Arunachal Pradesh	0.00	0.00	0.00	111.61	0.22	111.83	100.00
Assam	238.33	222.49	0.00	0.00	2.95	463.77	0.64
Manipur	0.00	0.00	0.00	12.00	0.43	12.43	100.00
Meghalaya	0.00	0.00	0.00	28.67	3.03	31.70	100.00
Mizoram	0.00	0.00	0.00	5.24	2.32	7.56	100.00
Nagaland	0.00	0.00	0.00	2.51	4.02	6.53	100.00
Tripura	0.00	588.46	0.00	0.00	2.41	590.87	0.41
North Eastern Region	238.33	810.95	0.00	160.03	15.38	1224.69	14.32
All India Total	61947.71	4858.01	3860.07	10121.42	10712.33	91499.54	26.99

Table 13 Renewable Energy as % of Total Electricity Generated

Re Generation as proportion of Total Electricity generation -Physical location wise. (State Wise) for the Month of April ,2020							
State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Chandigarh	0.00	0.00	0.00	0.00	2.67	2.67	100.00
Delhi	0.00	347.75	0.00	0.00	36.48	384.23	9.49
Haryana	124.81	0.00	0.00	0.00	77.37	202.18	38.27
Himachal Pradesh	0.00	0.00	0.00	2234.61	240.35	2474.96	9.71
J & K	0.00	0.00	0.00	1507.01	51.31	1558.32	3.29
Ladakh	0.00	0.00	0.00	18.85	0.00	18.85	0.00
Punjab	0.00	0.00	0.00	335.72	223.09	558.81	39.92
Rajasthan	2073.90	62.10	709.86	19.11	1401.97	4266.94	32.86
Uttar Pradesh	8155.79	304.09	268.34	80.12	709.48	9517.82	7.45
Uttarakhand	0.00	0.00	0.00	841.32	123.57	964.89	12.81
Northern Region	10354.50	713.94	978.20	5036.74	2866.28	19949.66	14.37
Chhattisgarh	8987.79	0.00	0.00	18.90	133.60	9140.29	1.46
Gujarat	4274.01	2224.82	309.94	253.60	1525.13	8587.50	17.76
Madhya Pradesh	7948.05	0.00	0.00	424.14	754.05	9126.24	8.26
Maharashtra	5532.22	479.47	898.59	668.24	957.87	8536.39	11.22
Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.64	0.64	100.00
Daman & Diu	0.00	0.00	0.00	0.00	2.57	2.57	100.00
Goa	0.00	0.00	0.00	0.00	0.15	0.15	100.00
Western Region	26742.07	2704.29	1208.53	1364.88	3374.01	35393.78	9.53
Andhra Pradesh	3003.89	332.71	0.00	192.29	1006.09	4534.98	22.19
Telangana	3202.79	0.00	0.00	37.22	626.25	3866.26	16.20
Karnataka	1906.77	0.00	454.80	1209.98	1755.99	5327.54	32.96
Kerala	0.00	0.00	0.00	507.09	55.89	562.98	9.93
Tamil Nadu	3784.94	275.10	1218.54	248.46	839.38	6366.42	13.18
Lakshadweep	0.00	0.00	0.00	0.00	0.06	0.06	100.00
Puducherry	0.00	21.02	0.00	0.00	0.37	21.39	1.73
Southern Region	11898.39	628.83	1673.34	2195.04	4284.01	20679.61	20.72
Andaman Nicobar	10.80	0.00	0.00	0.00	1.16	11.96	9.68
Bihar	2361.07	0.00	0.00	0.00	16.96	2378.03	0.71
Jharkhand	1593.36	0.00	0.00	9.66	1.44	1604.46	0.09
Orissa	4322.35	0.00	0.00	625.73	64.17	5012.25	1.28
Sikkim	0.00	0.00	0.00	569.84	2.14	571.98	0.37
West Bengal	4426.84	0.00	0.00	159.50	86.77	4673.11	1.86
DVC	0.00	0.00	0.00	0.00	0.00	0.00	100.00
Eastern Region	12714.42	0.00	0.00	1364.73	172.65	14251.80	1.21
Arunachal Pradesh	0.00	0.00	0.00	111.61	0.22	111.83	0.20

**Re Generation as proportion of Total Electricity generation -Physical location wise. (State Wise)
for the Month of April ,2020**

State/UT	Thermal	Gas	Nuclear	Hydro	Renewable Energy	Grand Total	RE as % of Total
Assam	238.33	222.49	0.00	0.00	2.95	463.77	0.64
Manipur	0.00	0.00	0.00	12.00	0.43	12.43	3.46
Meghalaya	0.00	0.00	0.00	28.67	3.03	31.70	9.56
Mizoram	0.00	0.00	0.00	5.24	2.32	7.56	30.67
Nagaland	0.00	0.00	0.00	2.51	4.02	6.53	61.55
Tripura	0.00	588.46	0.00	0.00	2.41	590.87	0.41
North Eastern Region	238.33	810.95	0.00	160.03	15.38	1224.69	1.26
All India Total	61947.71	4858.01	3860.07	10121.42	10712.33	91499.54	11.71

RENEWABLE ENERGY TO TRANSPORT SECTOR :

Table 14 REWA Solar To Delhi Metro

From Rewa Solar Park (MP) to DMRC				
	Delhi Discoms			
Month	BRPL	BYPL	TPDDL	Total (MUs)
April ,20	1.51	0.60	0.54	2.65
* All figures at Delhi PP in MUs				
DMRC : Delhi Metro Rail Corporation				

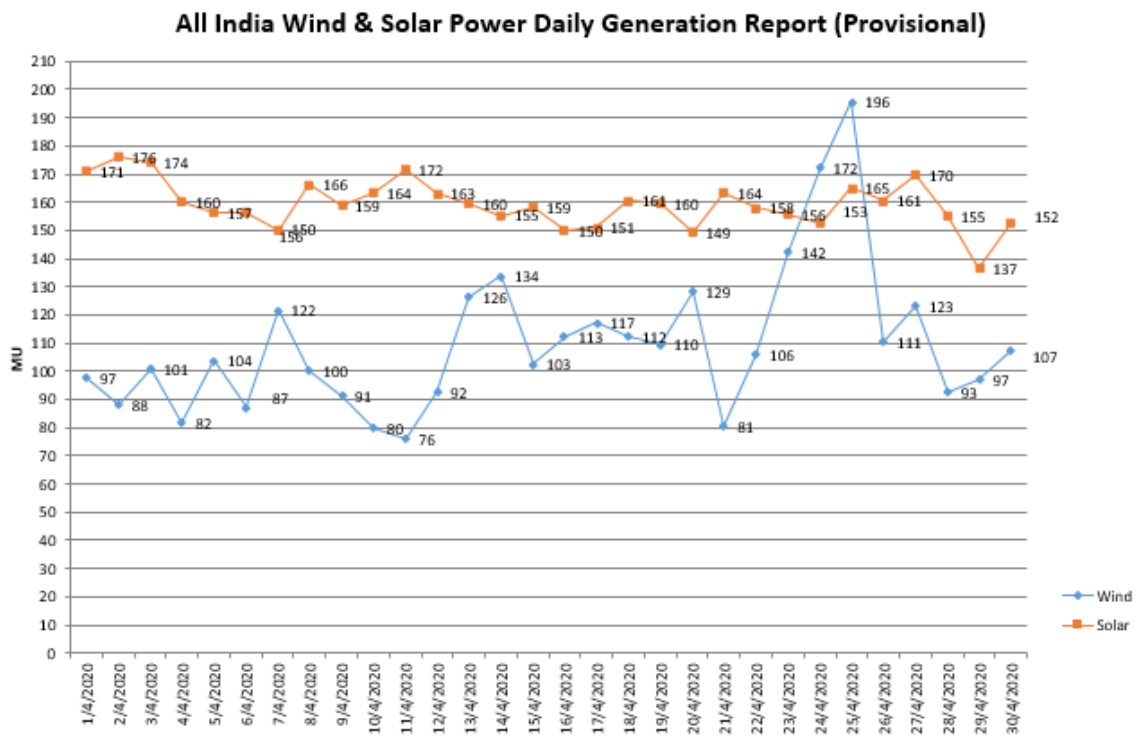


Figure 17 Daily Solar and wind Power Generation trend



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