



**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD**  
LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

<b>Power Position 11-Apr-19</b>	<b>Point No.</b>
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**1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –APRIL- 2019**

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2019	2018	2019	2018	2019	2018	2019	2018		
Apr-19										
01-Apr-19	2215.41	1796.47	2135.22	1793.94	-18.46	4.46	9872	8561	49.99	54.43
02-Apr-19	2409.10	1946.31	2149.01	1852.30	-14.51	4.22	10131	8771	49.97	44.51
03-Apr-19	2314.72	1982.88	2202.89	1863.76	-7.51	-8.32	10148	8749	49.95	56.23
04-Apr-19	2288.74	1900.21	2181.34	1896.99	-6.78	17.38	10052	8591	49.99	64.92
05-Apr-19	2323.71	1966.36	2055.85	1902.37	-34.67	0.14	9691	8989	50.00	177.06
06-Apr-19	2281.43	1968.53	2070.38	1815.14	-3.58	17.25	9953	8745	50.02	176.61
07-Apr-19	2322.21	1903.40	1993.01	1775.71	-7.77	37.51	10401	8204	50.02	144.68
08-Apr-19	2282.84	1778.65	1974.90	1821.32	-19.82	30.27	9467	8662	50.00	123.41
09-Apr-19	2421.71	1881.72	2116.94	1794.93	-10.35	12.60	9763	8768	49.99	169.57
10-Apr-19	2346.43	1853.87	2151.50	1839.75	-20.62	14.77	9904	8678	49.96	155.96
11-Apr-19	2398.35	1810.24								
12-Apr-19										
13-Apr-19										
14-Apr-19										
15-Apr-19										
16-Apr-19										
17-Apr-19										
18-Apr-19										
19-Apr-19										
20-Apr-19										
21-Apr-19										
22-Apr-19										
23-Apr-19										
24-Apr-19										
25-Apr-19										
26-Apr-19										
27-Apr-19										
28-Apr-19										
29-Apr-19										
30-Apr-19										
MAXIMUM OF THE MONTH	2421.71	1982.88	2202.89	1902.37	-3.58	37.51	10401.00	8989.00	50.02	177.06
MIN OF THE MONTH	2215.41	1778.65	1974.90	1775.71	-34.67	-8.32	9467.00	8204.00	49.95	44.51
AVERAGE	2327.70	1889.88	2103.10	1835.62	-14.41	13.03	9938.20	8671.80	49.99	116.74
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2202.89	03-Apr-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							10401	(11.15-11.30Hrs.)	07-Apr-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							177.06	05-Apr-19		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		

## 2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		10-Apr-19		
1	KTPS (1240/1240)	222.00	270.00	236.96
2	STPS (1500/1500)	55.00	55.00	45.00
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	20.88
5	RAPP-A(200/200)	43.00	43.00	41.66
6	MAHI (140/140)	0.00	0.00	1.07
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	470.00	482.00	408.98
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	288.00	254.58
11	WIND FARM (4139.20/4292.95)	149.00	135.50	155.96
12	SOLAR POWER(1661.70/2250.16)	166.81	173.55	170.64
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	16.20
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	6.00	3.45
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	50.93
18	RAJWEST (1080/1080)	229.00	229.00	218.75
	<b>TOTAL (A) : 1-18</b>	<b>1834.81</b>	<b>1755.05</b>	<b>1625.06</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	15.49	15.25	14.61
b)	DEHAR (198/ 990)	25.00	26.88	24.37
c)	PONG (231.66/396)	2.24	2.24	2.41
	<b>TOTAL : a TO c</b>	<b>42.72</b>	<b>44.37</b>	<b>41.38</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	87.71	87.71	87.37
e)	RIHAND (310.24/3000)	118.88	118.88	119.93
f)	UNCHAHAHAR-I(20/420)	5.18	5.60	3.34
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	44.27	40.19	28.84
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	14.51	15.00	5.58
j)	DADRI GAS (77/830)	8.00	5.52	2.37
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.89	8.89	8.89
n)	RAPP-B (125/440)	28.58	28.66	28.66
o)	RAPP-C (88/440)	9.50	9.50	9.50
p)	SALAL (20.36/690)	4.51	4.30	4.27
q)	URI (70.37/720)	16.20	16.07	16.20
r)	TANAKPUR (10.86/94)	1.30	1.27	1.31
s)	CHAMERA –I (105.84/540)	24.33	20.04	20.42
t)	CHAMERA-II (29.01/300)	6.14	6.10	5.83
u)	CHAMERA-III (25.21/231)	4.66	4.50	4.58
v)	DHAULIGANGA (27/280)	2.60	2.67	2.56
w)	DULHASTI (42.42/390)	7.79	7.79	7.79
x)	SEWA (13/120)	3.15	3.15	3.15
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	12.38	11.08	13.12
z)	TEHRI (75/1000)	5.62	5.66	5.66
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	9.57	9.34	9.74
ab)	TALA	0.86	0.72	0.75
ac)	MUNDRA UMPP (380/4000)	81.26	65.06	67.90
ad)	SASAN (372/3960)	84.73	85.07	85.07
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.68	20.66	18.78
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	655.03	627.80	603.00
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>655.03</b>	<b>627.80</b>	<b>603.00</b>
21	BILATERAL (REG.) EXCL. BANKING	8.01	7.77	7.77
22	BANKING	-16.00	-16.00	-16.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	122.19	105.75	121.62
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-19.40
25	INDIAN ENERGY EXCHANGE	-205.69	-149.94	-149.94
	<b>TOTAL(B): (19 TO 25)</b>	<b>563.54</b>	<b>591.38</b>	<b>547.06</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2172.12</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-20.62
	<b>GRAND TOTAL</b>	<b>2398.35</b>	<b>2346.43</b>	<b>2151.50</b>
	LAST YEAR	1810.24	1853.87	1839.75

## 3. SYSTEM PARAMETERS AS ON 10-Apr-19

MAXIMUM DRAWL ON 10-Apr-19	9904 MW at 15.30-15.45 HRS 49.95 HZ
MINIMUM DRAWL ON 10-Apr-19	7597 MW at 04.00-04.15 Hrs 50.02 HZ
Max U/D of the day	790 MW at 18.15-18.30 HRS 49.97 HZ
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	0
No. of Violation Blocks Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	14
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	12
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	36
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY	10-Apr-19 49.96 Hz
Max O/D of the day	461 MW at 03.30-03.45 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	16.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.10
ABOVE 50.05 HZ	9.50
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0
No. of 132 KV Feeders Disconnected	0

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.

11-Apr-19

## (A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
STATE SECTOR										
GIRAL	1	125.00	60	14.40	60	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP
STPS	6	250.00	229	55.00	229	16-Feb-19	13.48			BOXED UP
STPS	5	250.00	229	55.00	229	08-Mar-19	1.58			BOXED UP
STPS	2	250.00	229	55.00	229	14-Mar-19	12.47			BOXED UP
STPS	1	250.00	229	55.00	229	02-Apr-19	20.56			BOXED UP VIDE OP#0429 VICE - VERSA AGAINST #3
STPS	3	250.00	229	55.00	229	05-Apr-19	17.48			BOXED UP
KTPS	2	110.00	100	23.00	100	10-Apr-19	23.29			BOXED UP
KTPS	1	110.00	100	23.00	100	10-Apr-19	23.43			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1925.00	1705.00	407.40	1705.00					

## CENTRAL SECTOR

AURAIYA GFS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GFS	2	111.19	18	4.40	18	12-Jan-19	9.53			RESERVE SHUTDOWN
AURAIYA GFS	4	111.19	18	4.40	18	05-Jan-19	10.42			RESERVE SHUTDOWN
AURAIYA GFS	5	109.30	12	2.90	12	08-Jan-19	5.54			RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	18	4.40	18	11-Jan-19	10.06			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	12-Jan-19	9.56			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.50	31	05-Feb-19	9.10			RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	05-Feb-19	10.44			RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.20	34	05-Feb-19	11.20			RESERVE SHUTDOWN
AURAIYA GFS	3	111.19	18	4.40	18	11-Feb-19	20.45			RESERVE SHUTDOWN
DADRI GFS	6	154.51	16	3.90	16	08-Mar-19	17.52			RESERVE SHUTDOWN
DADRI GFS	2	130.19	22	5.30	22	08-Mar-19	18.20			RESERVE SHUTDOWN
SINGRAULI	1	200.00	34	8.20	34	02-Apr-19	22.31			ANNUAL OVER HAULING
JHAJJAR	1	500.00	5	1.20	5	03-Apr-19	0.02			RESERVE SHUTDOWN
JHAJJAR	3	500.00	5	1.20	5	08-Apr-19	0.00			SHUT DOWN FOR OVER HAULING FOR 35 DAYS
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		2567.39	305.00	73.90	305.00					

## (B) FORCE OUTAGE

## STATE SECTOR

## STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
KALISINDH	2	600.00	565	135.60	565	04-Apr-19	14.01			ELECTRICAL FAULT
KALISINDH	1	600.00	565	0.00	0	06-Apr-19	13.27	10-Apr-19	19.52	DUE TO BTL
Total(B) STATE SECTOR-FORCED OUTAGE		1485.00	1340.00	186.00	775.00					

## CENTRAL SECTOR

DADRI-II TFS	1	490.00	15	3.59	15	20-Feb-19	9.32			UNIT UNDER OVERHAULING FROM 21.02.19
RAPP-C	5	220.00	44	10.50	44	18-Mar-19	1.31			MANUALLY OPENED DUE TO HIGH VOLTAGE TURBINE FEEDING PROBLEM (HYDROGEN COOLER LEAKAGE)
Total(B) CENTRAL SECTOR- FORCED OUTAGE		710.00	59.00	14.09	59.00					

## G.TOTAL

200.09 834.00

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (\*), planned annual shut down (@) and COD is not declared (\$).

## 4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	11-Apr-19	11-Apr-18		
Gandhi Sagar (Ft.)	1312	1250	1250.84	1270.76	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1137.51	1140.85	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.90	978.00	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.30	851.90		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1616.26	1543.70	12444	16433
Dehar (Ft.)	2941	2900	2923.09	2923.42	7680	7437
Pong(Ft.)	1421	1260	1340.56	1293.17	860	5099
Mahi-I (Mts.)	281.5	259	268.60	270.25	955	NIL
Mahi-II (Mts.)	220.5	217	217.45	218.45	NIL	NIL

## 5. POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
11-Apr-19	KTPS	240025	12.5 days
	STPS	395394	17.5 days
	CHHABRA	156530	12 days
	KALISINDH	267721	16.5 days

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (\*), planned annual shut down (@) and COD is not declared (\$).