



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

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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –MARCH- 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		
Mar-19										
01-Mar-19	2433.11	2019.86	2305.32	2030.20	7.42	35.23	11601	10138	50.01	170.81
02-Mar-19	2580.65	2017.00	2236.43	1815.97	-2.36	-10.81	11268	9407	50.00	259.32
03-Mar-19	2372.66	1988.84	2117.52	1843.58	-25.04	28.42	11409	9766	49.99	157.16
04-Mar-19	2267.54	2007.70	2249.44	1872.10	-9.86	13.60	11885	9743	49.99	109.08
05-Mar-19	2216.85	1960.55	2266.97	1893.32	-1.08	25.94	11429	9807	49.96	38.16
06-Mar-19	2380.48	2043.31	2259.49	1969.54	-3.44	22.22	11283	9957	49.98	44.22
07-Mar-19	2403.91	2112.58	2329.87	2083.64	-21.76	25.30	11477	10626	49.96	42.83
08-Mar-19	2440.87	2065.31	2278.25	2098.94	-44.10	55.81	11498	10284	49.97	317.51
09-Mar-19	2423.65	2043.13	2284.16	2087.96	-12.16	17.52	11173	10723	49.94	147.26
10-Mar-19	2456.73	1980.92	2172.67	2042.02	-19.26	40.08	10873	10409	49.97	173.73
11-Mar-19	2449.73	1955.52	2226.39	1991.79	-6.48	16.19	10940	10348	49.97	118.70
12-Mar-19	2473.20	1970.91	2293.91	2004.98	-10.26	28.49	11348	10111	49.98	136.49
13-Mar-19	2529.10	2046.72	2249.67	2006.29	-18.59	19.06	11130	10574	49.99	131.66
14-Mar-19	2508.90	2028.48	2194.60	1998.19	-23.37	13.31	11005	10290	49.98	132.76
15-Mar-19	2411.46	1948.74	2183.19	1973.15	-9.27	32.36	10973	9816	50.00	123.71
16-Mar-19	2363.73	1979.68	2212.17	1959.29	1.28	19.56	11040	9969	50.01	141.69
17-Mar-19	2378.53	1975.86	2144.05	1908.86	-13.85	-4.41	10831	9951	50.00	65.95
18-Mar-19	2384.06	2113.96	2205.88	1872.47	-5.11	10.93	11002	9681	50.01	43.27
19-Mar-19	2498.82	1939.70								
20-Mar-19										
21-Mar-19										
22-Mar-19										
23-Mar-19										
24-Mar-19										
25-Mar-19										
26-Mar-19										
27-Mar-19										
28-Mar-19										
29-Mar-19										
30-Mar-19										
31-Mar-19										
MAXIMUM OF THE MONTH	2580.65	2113.96	2329.87	2098.94	7.42	55.81	11885.00	10723.00	50.01	317.51
MIN OF THE MONTH	2216.85	1939.70	2117.52	1815.97	-44.10	-10.81	10831.00	9407.00	49.94	38.16
AVERAGE	2419.68	2010.46	2233.89	1969.57	-12.07	21.60	11231.39	10088.89	49.98	130.79
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)							2222.22	18-Aug-17		
MAX.PEAK LOAD DURING THE FY 2017-18 (MW)							11564	(08.00-8.15Hrs.)	13-Jan-18	
MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		
MAX.WIND DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		

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
		18-Mar-19		
1	KTPS (1240/1240)	270.00	270.00	233.16
2	STPS (1500/1500)	55.00	55.00	46.61
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	19.27
5	RAPP-A(200/200)	40.00	31.00	42.37
6	MAHI (140/140)	0.00	0.00	5.70
7	CHAMBAL (RPS+JS) (135.5/271)	30.00	30.00	23.72
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	336.00	336.00	330.47
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	419.00	415.00	369.96
11	WIND FARM (4139.20/4292.95)	187.00	65.00	43.27
12	SOLAR POWER(1661.70/2250.16)	186.11	142.30	128.16
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.27
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	7.00	6.69
17	BARSINGHAR LTPS(250/250)	52.00	52.00	51.95
18	RAJWEST (1080/1080)	229.00	229.00	191.44
	TOTAL (A) : 1-18	1832.11	1653.30	1518.04
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.29	26.05	26.45
b)	DEHAR (198/ 990)	11.70	13.54	11.61
c)	PONG (231.66/396)	29.31	26.81	28.41
	TOTAL : a TO c	68.29	66.40	66.47
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	95.77	95.74	94.49
e)	RIHAND (310.24/3000)	102.62	102.62	102.61
f)	UNCHAHAHAR-I(20/420)	5.38	5.72	3.06
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	37.95	42.41	27.20
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	7.68	7.34	3.08
j)	DADRI GAS (77/830)	6.52	6.16	3.45
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)	9.00	9.00	9.00
n)	RAPP-B (125/440)	29.52	29.68	29.68
o)	RAPP-C (88/440)	9.51	11.93	11.93
p)	SALAL (20.36/690)	1.72	1.47	1.71
q)	URI (70.37/720)	16.23	16.29	16.28
r)	TANAKPUR (10.86/94)	0.45	0.40	0.43
s)	CHAMERA –I (105.84/540)	9.85	9.85	9.85
t)	CHAMERA-II (29.01/300)	1.93	2.09	2.16
u)	CHAMERA-III (25.21/231)	1.22	1.32	1.50
v)	DHAULIGANGA (27/280)	1.04	0.94	1.01
w)	DULHASTI (42.42/390)	3.20	3.25	3.25
x)	SEWA (13/120)	3.01	3.01	3.01
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.37	5.36	5.35
z)	TEHRI (75/1000)	5.74	6.24	6.24
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.78	5.91	5.91
ab)	TALA	0.23	0.23	0.23
ac)	MUNDRA UMPP (380/4000)	84.69	86.33	85.85
ad)	SASAN (372/3960)	85.11	85.11	85.11
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.49	27.84	26.38
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	625.28	632.63	605.22
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	625.28	632.63	605.22
21	BILATERAL (REG.) EXCL. BANKING	3.24	3.24	3.24
22	BANKING	-15.98	-15.98	-15.98
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	129.76	126.43	142.42
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-10.40
25	INDIAN ENERGY EXCHANGE	-75.59	-31.54	-31.54
	TOTAL(B): (19 TO 25)	666.71	730.76	692.95
	TOTAL GENERATION (A +B) : 1 TO 25			2210.99
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-5.11
	GRAND TOTAL	2498.82	2384.06	2205.88
	LAST YEAR	1939.70	2113.96	1872.47

3. SYSTEM PARAMETERS AS ON 18-Mar-19

MAXIMUM DRAWL ON 18-Mar-19	11002 MW at 08.00-08.15HRS 50.04 HZ
MINIMUM DRAWL ON 18-Mar-19	6894 MW at 04.00 -04.15Hrs 49.97HZ
Max U/D of the day	889 MW at 14.00-14.15Hrs 50.02 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	27
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	47
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	12
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	13
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	20
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	12
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 18-Mar-19	50.01 Hz
Max O/D of the day	620 MW at 11.15-11.30 Hrs 50.01HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	8.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	69.90
ABOVE 50.05 HZ	21.70
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	19-Mar-19	19-Mar-18	18-Mar-19	18-Mar-19
Gandhi Sagar (Ft.)	1312	1250	1253.72	1173.93	8469	85
R.P.Sagar (Ft.)	1157.5	1128	1137.96	1138.52	5264	5264
Jawahar Sagar (Ft.)	980	970.4	975.50	975.00	5166	2664
Kota Barrage(Ft.)	854.5	852.3	854.40	854.30		
RMC					3975	
LMC					850	
Bhakra(Ft.)	1690	1462	1621.71	1565.74	17709	7877
Dehar (Ft.)	2941	2900	2923.62	2919.42	2774	3400
Pong(Ft.)	1421	1260	1339.66	1300.33	12000	4310
Mahi-I (Mts.)	281.5	259	270.20	271.53	NIL	NIL
Mahi-II (Mts.)	220.5	217	219.60	219.25	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
19-Mar-19	KTPS	173091	9 DAYS
	STPS	273817	11 DAYS
	CHHABRA	50564	6.5 DAYS
	KALISINDH	95490	7 DAYS

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

19-Mar-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	HRSG02	55.00	50	12.00	50	08-Oct-18	12.08				BOXED UP
DCCPP	HRSG01	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	4	250.00	229	55.00	229	17-Feb-19	14.31				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	3	250.00	229	55.00	229	14-Mar-19	15.58				BOXED UP
Total(A)-STATE SECTOR- PLANNED OUTAGE		1705.00	1505.00	361.40	1505.00						
CENTRAL SECTOR											
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47				RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	2	111.19	18	4.40	18	12-Jan-19	9.53				RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	05-Jan-19	10.42				RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	08-Jan-19	5.54				RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	11-Jan-19	10.06				RESERVE SHUTDOWN
DADBRI GPS	3	130.19	22	5.30	22	12-Jan-19	10.05				RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	05-Feb-19	9.10				RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	05-Feb-19	10.44				RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	05-Feb-19	11.20				RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.40	18	11-Feb-19	20.45				RESERVE SHUTDOWN
DADBRI GPS	6	154.51	16	3.90	16	08-Mar-19	17.52				RESERVE SHUTDOWN
DADBRI GPS	2	130.19	22	5.30	22	08-Mar-19	18.20				RESERVE SHUTDOWN
DADBRI GPS	1	130.19	22	5.30	22	08-Mar-19	20.45				RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR- PLANNED OUTAGE		1539.06	274.00	66.40	274.00						
(B) FORCE OUTAGE											
STATE SECTOR											
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45				INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STGR2	50.00	40	9.60	40	05-Oct-18	10.58				NON AVAILABILITY OF SUFFICIENT GAS
ADANI	2	660.00	600	144.00	600	16-Mar-19	17.33				COAL MILL-2F HOT AIR INLET BELLOW HEAVY LEAKAGE
RAMGARH	STGR1	35.50	29	0.00	0	18-Mar-19	9.09	18-Mar-19	11.03		CLASS -B TRIP
RAMGARH	STGR1	35.50	29	0.00	0	18-Mar-19	11.46	18-Mar-19	14.31		MT TO ATTEND HP CONTROL VALVE PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE		1016.00	868.00	194.40	810.00						
CENTRAL SECTOR											
DADBRI TFS	1	490.00	15	3.59	15	06-Feb-19	17.37				ROTOR EARTH FAULT
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		490.00	15.00	14.09	15.00						
G.TOTAL				208.49	825.00						

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 (\$).