



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

Power Position 02-Apr-19	Point No.
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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		
30-Mar-19	2220.46	1709.92	2207.47	1793.61	-23.07	63.30	10411	9034	50.00	108.38
31-Mar-19	2250.85	1843.18	2175.32	1800.99	-0.76	3.48	10327	8867	50.03	95.52
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								
03-Apr-19										
04-Apr-19										
05-Apr-19										
06-Apr-19										
07-Apr-19										
08-Apr-19										
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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	2409.10	1946.31	2207.47	1800.99	-0.76	63.30	10411.00	9034.00	50.03	108.38
MIN OF THE MONTH	2215.41	1709.92	2135.22	1793.61	-23.07	3.48	9872.00	8561.00	49.99	54.43
AVERAGE	2273.96	1823.97	2172.67	1796.18	-14.10	23.75	10203.33	8820.67	50.01	86.11
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
		1-Apr-19		
1	KTPS (1240/1240)	134.00	130.00	114.42
2	STPS (1500/1500)	55.00	55.00	44.20
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	12.00	22.00	21.27
5	RAPP-A(200/200)	40.00	40.00	41.76
6	MAHI (140/140)	0.00	0.00	8.53
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	9.87
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	485.00	282.00	446.00
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	558.00	558.00	442.38
11	WIND FARM (4139.20/4292.95)	45.50	47.50	54.43
12	SOLAR POWER(1661.70/2250.16)	186.38	187.71	188.99
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	16.19
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	6.00	6.57
17	BARSINGHSAR LTPS(250/250)	52.00	52.00	51.28
18	RAJWEST (1080/1080)	172.00	172.00	126.70
	TOTAL (A) : 1-18	1746.88	1552.21	1572.59
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.62	23.58	23.69
b)	DEHAR (198/ 990)	21.66	25.55	21.57
c)	PONG (231.66/396)	2.97	2.97	2.71
	TOTAL : a TO c	48.25	52.09	47.97
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	96.05	91.06	85.52
e)	RIHAND (310.24/3000)	122.60	121.98	120.95
f)	UNCHAHAHAR-I(20/420)	2.84	5.78	3.13
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	39.98	42.86	22.01
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	7.30	8.19	2.70
j)	DADRI GAS (77/830)	5.87	6.65	3.96
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)	9.08	9.08	9.08
n)	RAPP-B (125/440)	29.01	28.85	28.85
o)	RAPP-C (88/440)	9.51	9.51	9.51
p)	SALAL (20.36/690)	3.60	3.70	3.23
q)	URI (70.37/720)	16.29	16.28	16.26
r)	TANAKPUR (10.86/94)	1.04	0.93	0.88
s)	CHAMERA –I (105.84/540)	16.09	21.76	20.25
t)	CHAMERA-II (29.01/300)	4.96	5.10	3.69
u)	CHAMERA-III (25.21/231)	3.29	3.16	2.68
v)	DHAULIGANGA (27/280)	1.60	1.73	1.82
w)	DULHASTI (42.42/390)	6.46	5.97	6.35
x)	SEWA (13/120)	3.15	3.15	3.15
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.78	9.24	9.88
z)	TEHRI (75/1000)	5.99	5.52	5.52
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	8.35	8.61	8.61
ab)	TALA	0.62	0.24	0.49
ac)	MUNDRA UMPP (380/4000)	69.64	61.02	53.99
ad)	SASAN (372/3960)	85.11	85.11	84.70
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.17	26.87	19.16
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	630.61	634.44	574.36
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	630.61	634.44	574.36
21	BILATERAL (REG.) EXCL. BANKING	5.42	5.89	5.89
22	BANKING	-15.99	-15.99	-15.99
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	121.80	85.15	120.78
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	-21.89	-21.43
25	INDIAN ENERGY EXCHANGE	-79.61	-82.53	-82.53
	TOTAL(B): (19 TO 25)	662.23	641.31	581.09
	TOTAL GENERATION (A +B) : 1 TO 25			2153.68
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-18.46
	GRAND TOTAL	2409.10	2193.52	2135.22
	LAST YEAR	1946.31	1796.47	1793.93

3. SYSTEM PARAMETERS AS ON 01-Apr-19

MAXIMUM DRAWL ON 01-Apr-19	9872 MW at 11.15-11.30 HRS 50.05 HZ
MINIMUM DRAWL ON 01-Apr-19	7264 MW at 04.00-04.15 Hrs 50.02 HZ
Max U/D of the day	707 MW at 03.15-03.30 HRS 50.08HZ
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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	46
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	12
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	25
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	17
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	8
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY	1-Apr-19 49.99 Hz
Max O/D of the day	569 MW at 02.00-02.15 Hrs 49.99 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	0.10
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	62.20
ABOVE 50.05 HZ	37.70
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.	2-Apr-19	2-Apr-18		
Gandhi Sagar (Ft.)	1312	1250	1251.02	1271.07	NIL	97
R.P.Sagar (Ft.)	1157.5	1128	1137.78	1140.88	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.00	977.60	NIL	104
Kota Barrage(Ft.)	854.5	852.3	852.70	853.50		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1615.97	1549.26	14611	14468
Dehar (Ft.)	2941	2900	2922.30	2923.22	5812	6125
Pong(Ft.)	1421	1260	1340.02	1291.87	1259	4688
Mahi-I (Mts.)	281.5	259	269.00	270.65	2976	NIL
Mahi-II (Mts.)	220.5	217	217.55	217.90	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
2-Apr-19	KTPS		
	STPS		
	CHHABRA		
	KALISINDH		

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

2-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	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	14.21			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
KTPS	4	210.00	192	46.00	192	19-Mar-19	11.30			BOXED UP
KTPS	1	110.00	95	23.00	95	19-Mar-19	21.18			BOXED UP
KTPS	2	110.00	95	23.00	95	19-Mar-19	21.32			BOXED UP
KTPS	3	210.00	192	46.00	192	20-Mar-19	10.54			BOXED UP
Total(A)STATE SECTOR-PLANNED OUTAGE		2345.00	2079.00	499.40	2079.00					

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	10.86			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
DABRI GFS	6	154.51	16	3.90	16	08-Mar-19	17.52			RESERVE SHUTDOWN
DABRI GFS	2	130.19	22	5.30	22	08-Mar-19	18.20			RESERVE SHUTDOWN
DABRI GFS	1	130.19	22	0.00	0	08-Mar-19	20.45	30-Mar-19	5.37	RESERVE SHUTDOWN
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		1408.87	252.00	55.80	230.00					

(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	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
RAJWEST	5	135.00	120	28.67	120	23-Mar-19	0.14			BED MATERIAL LEAKAGE
RAJWEST	1	135.00	120	28.67	120	27-Mar-19	6.44			BED MATERIAL LEAKAGE
CHHABRA	4	250.00	225	0.00	0	31-Mar-19	16.01	01-Apr-19	7.03	BLAST IN MILL AB
RAMGARH	GT1	35.50	29	7.00	29	02-Apr-19	0.00			MT TO ATTEND OIL LEAKAGE FROM DRAIN OF BEARING END LUBE OIL COOLER CLEANING WORK
Total(B)STATE SECTOR-FORCED OUTAGE		840.50	704.00	114.74	479.00					

CENTRAL SECTOR

DABRI-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

128.83

538.00

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 (\$).