



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

Power Position 29-Mar-19	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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	2019	2019
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	2182.89	1908.81	-2.05	-7.27	10875	9771	50.00	189.97
20-Mar-19	2288.11	1987.82	2117.45	1865.27	-19.63	13.38	10695	9475	50.00	136.15
21-Mar-19	2220.34	1949.60	1878.27	1859.32	-11.01	12.03	9418	9664	50.02	202.37
22-Mar-19	2178.99	1861.05	1990.32	1863.84	-18.70	27.59	9619	9684	50.01	191.94
23-Mar-19	2184.56	1874.47	2090.04	1859.06	-23.74	15.33	9986	9672	49.99	235.80
24-Mar-19	2255.19	1915.74	2109.15	1838.63	-0.69	-2.74	10231	9644	50.01	150.95
25-Mar-19	2238.81	1876.98	2095.55	1766.07	-13.40	-0.65	10349	9083	49.99	122.42
26-Mar-19	2151.56	1927.42	2131.37	1813.42	-2.05	11.41	10180	9359	50.01	78.19
27-Mar-19	2210.75	1861.97	2135.19	1827.26	0.78	-12.15	10388	9297	50.00	51.76
28-Mar-19	2214.81	1826.65	2147.81	1833.93	-3.19	27.54	10098	8951	49.97	46.70
29-Mar-19	2239.23									
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	50.02	317.51
MIN OF THE MONTH	2151.56	1861.05	1878.27	1766.07	-44.10	-10.81	9418.00	9083.00	49.94	38.16
AVERAGE	2350.22	1974.30	2181.72	1924.57	-11.11	16.90	10857.29	9864.29	49.99	134.31
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
		28-Mar-19		
1	KTPS (1240/1240)	84.00	42.00	40.43
2	STPS (1500/1500)	55.00	55.00	47.45
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	21.27
5	RAPP-A(200/200)	40.00	40.00	43.24
6	MAHI (140/140)	0.00	0.00	7.26
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	335.00	335.00	439.35
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	558.00	558.00	486.19
11	WIND FARM (4139.20/4292.95)	104.50	144.00	89.21
12	SOLAR POWER(1661.70/2250.16)	191.60	196.13	186.30
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.79
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	8.00	7.00	8.72
17	BARSINGHSAR LTPS(250/250)	52.00	52.00	51.11
18	RAJWEST (1080/1080)	172.00	172.00	152.41
	TOTAL (A) : 1-18	1622.10	1623.13	1598.72
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.88	25.03	25.01
b)	DEHAR (198/ 990)	15.15	16.08	18.75
c)	PONG (231.66/396)	1.39	1.21	1.13
	TOTAL : a TO c	41.43	42.32	44.89
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	95.63	95.01	94.14
e)	RIHAND (310.24/3000)	122.40	122.40	122.58
f)	UNCHAHAAR-I(20/420)	6.90	6.15	4.56
g)	UNCHAHAAR-II& III & IV(135.09/1130)	16.49	14.67	8.65
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	9.52	8.59	4.33
j)	DADRI GAS (77/830)	6.88	6.83	5.17
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)	9.07	9.07	9.07
n)	RAPP-B (125/440)	29.37	29.21	29.21
o)	RAPP-C (88/440)	9.49	9.49	9.49
p)	SALAL (20.36/690)	1.90	1.74	2.13
q)	URI (70.37/720)	16.34	16.26	16.05
r)	TANAKPUR (10.86/94)	0.46	0.47	0.51
s)	CHAMERA –I (105.84/540)	13.23	12.85	12.85
t)	CHAMERA-II (29.01/300)	2.84	2.40	3.13
u)	CHAMERA-III (25.21/231)	2.00	1.68	2.30
v)	DHAULIGANGA (27/280)	1.12	0.96	1.44
w)	DULHASTI (42.42/390)	4.29	3.56	4.45
x)	SEWA (13/120)	2.97	3.14	3.14
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.46	6.27	6.92
z)	TEHRI (75/1000)	5.94	6.19	6.26
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	6.85	6.91	6.91
ab)	TALA	0.24	0.24	0.24
ac)	MUNDRA UMPP (380/4000)	69.85	77.14	73.20
ad)	SASAN (372/3960)	85.01	85.01	85.01
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.58	25.41	21.95
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	597.23	593.96	578.57
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	597.23	593.96	578.57
21	BILATERAL (REG.) EXCL. BANKING	3.77	3.88	3.88
22	BANKING	-16.00	-16.00	-16.00
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	87.42	71.42	86.49
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-23.10
25	INDIAN ENERGY EXCHANGE	-55.29	-77.57	-77.57
	TOTAL(B): (19 TO 25)	617.13	591.69	552.27
	TOTAL GENERATION (A +B) : 1 TO 25			2150.99
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-3.19
	GRAND TOTAL	2239.23	2214.81	2147.81
	LAST YEAR	1709.92	1747.10	1833.93

3. SYSTEM PARAMETERS AS ON 28-Mar-19

MAXIMUM DRAWL ON 28-Mar-19	10098 MW at 7.15-07.30 HRS 50.07 HZ
MINIMUM DRAWL ON 28-Mar-19	7302 MW at 4.00 -4.15 Hrs 49.98 HZ
Max U/D of the day	451 MW at 06.30 Hrs 50.00 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	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	52
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	6
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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 28-Mar-19	49.97 Hz
Max O/D of the day	445 MW at 03.15 Hrs 49.98 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	NA
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	NA
ABOVE 50.05 HZ	#VALUE!
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	11
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.	29-Mar-19	29-Mar-18	28-Mar-19	28-Mar-19
Gandhi Sagar (Ft.)	1312	1250	1251.08	1271.13	NIL	158
R.P.Sagar (Ft.)	1157.5	1128	1138.04	1141.08	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.60	975.90	NIL	104
Kota Barrage(Ft.)	854.5	852.3	853.60	853.70		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1616.28	1553.04	16138	11011
Dehar (Ft.)	2941	2900	2925.00	2922.37	4856	5308
Pong(Ft.)	1421	1260	1339.38	1293.06	603	4012
Mahi-I (Mts.)	281.5	259	269.45	271.75	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.65	218.15	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
29-Mar-19	KTPS	242278	12
29-Mar-19	STPS	334805	13
29-Mar-19	CHHABRA	124967	16
29-Mar-19	KALISINDH	158512	11

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

29-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 (S/D W.E.F.15.07.14)
DCCPP	HRS02	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRS01	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	GT02	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCCPP	GT01	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
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	21.22			BOXED UP
KTPS	5	210.00	192	14.32	0	20-Mar-19	10.47	29-Mar-19	2.28	BOXED UP
KTPS	3	210.00	192	46.00	192	20-Mar-19	10.54			BOXED UP
KTPS	6	195.00	175	2.00	175	26-Mar-19	18.13	29-Mar-19	0.47	BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE		2750.00	2446.00	515.72	2254.00					
CENTRAL SECTOR										
AURAIYA GPS	6	109.20	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	109.20	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
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
DADRI GPS	6	154.51	16	3.90	16	08-Mar-19	17.52			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	08-Mar-19	18.20			RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.30	22	08-Mar-19	20.45			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1408.87	252.00	61.10	252.00					
(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 COOLARI-I
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG02	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
CTPP	1	250.00	225	0.00	0	28-Mar-19	13.58	28-Mar-19	22.19	SPS RELAY OPERATE
Total(B)-STATE SECTOR-FORCED OUTAGE		805.00	675.00	107.74	450.00					
CENTRAL SECTOR										
DADRI-II TPS	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				121.83	509.00					

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 (\$).