



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

Power Position 22-Feb-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. -FEB.- 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
Feb-19										
01-Feb-19	2627.96	2008.01	2364.93	2081.33	26.72	56.58	12650	10255	49.98	239.98
02-Feb-19	2540.91	2052.78	2339.80	2122.51	-19.01	45.24	12062	11449	49.98	204.04
03-Feb-19	2632.07	2105.08	2351.22	2127.65	-3.94	53.52	12525	11342	49.98	201.81
04-Feb-19	2536.79	2166.72	2298.97	2058.49	-6.46	6.28	12089	11191	50.01	178.20
05-Feb-19	2584.22	2149.39	2393.31	2099.17	8.01	33.41	12543	11350	49.99	60.07
06-Feb-19	2711.15	2213.60	2335.22	2071.52	7.45	12.14	12332	11267	49.99	106.82
07-Feb-19	2636.82	2059.61	2258.30	2065.91	-6.45	15.33	11728	11173	50.02	160.77
08-Feb-19	2597.22	1997.16	2341.15	2029.23	-5.20	53.51	12370	10601	50.02	118.67
09-Feb-19	2563.23	1992.00	2293.79	2073.29	-11.08	41.36	11581	10966	50.03	96.58
10-Feb-19	2590.63	2074.08	2278.08	2085.48	-0.05	26.12	11918	11081	50.02	81.63
11-Feb-19	2540.65	2137.26	2332.29	2040.75	-15.81	6.47	12400	11111	50.02	188.12
12-Feb-19	2637.40	2118.77	2364.90	2061.82	-22.84	21.49	12213	11220	49.99	245.98
13-Feb-19	2520.23	2163.37	2364.97	2045.89	-20.89	-1.49	12303	10853	49.98	238.76
14-Feb-19	2506.81	2048.54	2274.79	2064.09	-15.98	40.84	11515	11192	49.98	130.90
15-Feb-19	2490.31	2081.06	2304.80	2021.67	-21.49	30.12	11909	11336	49.98	68.53
16-Feb-19	2416.98	2027.10	2333.27	2085.84	-7.85	35.82	11886	11351	49.99	78.83
17-Feb-19	2481.69	2102.07	2278.26	2071.24	-3.12	52.24	11969	11275	50.01	190.57
18-Feb-19	2187.42	2067.13	2177.44	2048.51	-9.98	42.77	11516	11019	49.99	305.40
19-Feb-19	2349.22	1895.13	2326.27	2035.34	11.85	32.96	11868	10114	49.99	140.43
20-Feb-19	2383.30	2071.03	2310.61	2058.58	8.76	24.76	11922	10436	50.00	149.05
21-Feb-19	2305.14	2027.75	2332.75	2068.97	-5.17	29.06	11837	10365	49.96	83.51
22-Feb-19	2415.07	2092.56								
23-Feb-19										
24-Feb-19										
25-Feb-19										
26-Feb-19										
27-Feb-19										
28-Feb-19										
MAXIMUM OF THE MONTH	2711.15	2213.60	2393.31	2127.65	26.72	56.58	12650.00	11449.00	50.03	305.40
MIN OF THE MONTH	2187.42	1895.13	2177.44	2021.67	-22.84	-1.49	11515.00	10114.00	49.96	60.07
AVERAGE	2511.60	2075.01	2316.91	2067.49	-5.36	31.36	12054.10	10997.48	50.00	155.65
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
		21-Feb-19		
1	KTPS (1240/1240)	270.00	221.00	224.68
2	STPS (1500/1500)	55.00	55.00	49.72
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	20.00	20.39
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	6.62
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	39.04
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	286.00	218.00	331.69
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	477.28
11	WIND FARM (4139.20/4292.95)	80.50	87.00	83.51
12	SOLAR POWER(1661.70/2250.16)	89.57	136.15	121.92
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.94
17	BARSINGHSAR LTPS(250/250)	52.00	52.00	51.70
18	RAJWEST (1080/1080)	201.00	201.00	170.11
	TOTAL (A) : 1-18	1659.07	1594.15	1581.60
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.94	23.99	23.71
b)	DEHAR (198/ 990)	28.19	10.64	15.51
c)	PONG (231.66/396)	27.86	29.31	29.31
	TOTAL : a TO c	79.98	63.95	68.53
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	86.69	85.38	93.42
e)	RIHAND (310.24/3000)	122.25	121.72	126.96
f)	UNCHAHAHAR-I(20/420)	6.10	6.04	12.69
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	46.46	46.11	50.29
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	8.39	8.37	7.32
j)	DADRI GAS (77/830)	6.83	6.18	14.34
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)	4.51	4.58	4.58
n)	RAPP-B (125/440)	29.22	29.55	29.55
o)	RAPP-C (88/440)	19.07	19.16	19.16
p)	SALAL (20.36/690)	2.16	1.97	3.30
q)	URI (70.37/720)	15.41	15.46	15.76
r)	TANAKPUR (10.86/94)	0.61	0.63	0.63
s)	CHAMERA –I (105.84/540)	16.05	12.60	13.12
t)	CHAMERA-II (29.01/300)	3.29	2.08	4.69
u)	CHAMERA-III (25.21/231)	1.95	0.99	2.92
v)	DHAULIGANGA (27/280)	0.93	0.87	0.96
w)	DULHASTI (42.42/390)	3.31	3.27	3.24
x)	SEWA (13/120)	3.24	3.22	3.22
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.60	5.33	5.51
z)	TEHRI (75/1000)	6.20	5.34	5.34
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	6.27	5.89	5.91
ab)	TALA	0.02	0.02	0.02
ac)	MUNDRA UMPP (380/4000)	65.95	62.11	61.83
ad)	SASAN (372/3960)	85.38	85.38	83.10
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.88	25.84	25.05
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	653.77	622.04	661.46
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	653.77	622.04	661.46
21	BILATERAL (REG.) EXCL. BANKING	3.16	2.93	2.93
22	BANKING	13.09	13.09	13.09
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	99.96	115.77	114.86
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	6.82
25	INDIAN ENERGY EXCHANGE	-13.98	-42.84	-42.84
	TOTAL(B): (19 TO 25)	755.99	710.99	756.32
	TOTAL GENERATION (A +B) : 1 TO 25			2337.92
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-5.17
	GRAND TOTAL	2415.07	2305.14	2332.75
	LAST YEAR	2092.56	2027.75	2068.97

3. SYSTEM PARAMETERS AS ON 21-Feb-19

MAXIMUM DRAWL ON 21-Feb-19	11837 MW at 11.15-11.30 HRS 49.93 HZ
MINIMUM DRAWL ON 21-Feb-19	6998 MW at 04.00-04.15 Hrs 50.00HZ
Max U/D of the day	646 MW at 23.00-23.15 Hrs 49.95 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	13
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	10
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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 21-Feb-19	49.96 Hz
Max O/D of the day	510 MW at 08.00-08.15 Hrs 50.01HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	20.50
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	66.50
ABOVE 50.05 HZ	13.00
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	1
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.	22-Feb-19	22-Feb-18		
Gandhi Sagar (Ft.)	1312	1250	1262.78	NA	8708	330
R.P.Sagar (Ft.)	1157.5	1128	1139.65	#REF!	13203	NA
Jawahar Sagar (Ft.)	980	970.4	975.70	976.50	8266	9051
Kota Barrage(Ft.)	854.5	852.3	854.40	854.40		
RMC					5700	
LMC					1300	
Bhakra(Ft.)	1690	1462	1632.38	1695.76	15670	9223
Dehar (Ft.)	2941	2900	2920.53	2919.75	3139	2982
Pong(Ft.)	1421	1260	1345.70	1320.05	12259	6682
Mahi-I (Mts.)	281.5	259	272.75	273.85	4000	NIL
Mahi-II (Mts.)	220.5	217	218.50	218.55	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
22-Feb-19	KTPS	109233 MT	5.5 DAYS
	STPS	152023 MT	6 DAYS
	CHHABRA	83170 MT	11 DAYS
	KALISINDH	183553 MT	13.5 DAYS

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

22-Feb-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	3	250.00	229	55.00	229	22-Jan-19	1.30			BOXED UP (ANNUAL SHUT DOWN VIDE OP#01/677 Dated 22.01.19 FOR 21 DAYS)
KTPS	4	210.00	192	46.00	192	04-Feb-19	23.52			ESP. & OTHER MISC. MAINT. WORK FOR 15 DAYS
STPS	1	250.00	229	55.00	229	14-Feb-19	0.05			ANNUAL MAINTENANCE
STPS	5	250.00	229	55.00	229	15-Feb-19	15.43			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
KTPS	3	210.00	192	0.00	0	17-Feb-19	15.00	20-Feb-19	23.58	BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		2125.00	1889.00	407.40	1697.00					
CENTRAL SECTOR										
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
DADRI GPS	4	130.19	22	5.30	22	22-Dec-18	9.35			RESERVE SHUTDOWN
DADRI GPS	5	154.51	16	3.90	16	05-Jan-19	10.18			RESERVE SHUTDOWN
DADRI-I TPS	2	210.00	NA	NA	NA	01-Feb-19	0.05			RESERVE SHUTDOWN
AURAIYA GPS	1	88.71	31	7.50	31	05-Feb-19	9.10			RESERVE SHUTDOWN
AURAIYA GPS	2	88.71	31	7.50	31	05-Feb-19	10.44			RESERVE SHUTDOWN
AURAIYA GPS	4	153.20	34	8.20	34	05-Feb-19	11.20			RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	08-Feb-19	5.54			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	12-Jan-19	9.56			RESERVE SHUTDOWN
DADRI 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
DADRI-I TPS	3	210.00	NA	NA	NA	18-Feb-19	14.24			RESERVE SHUTDOWN
SINGROLI	4	200.00	34	8.20	34	18-Feb-19	21.47			FOR BOILER LICENSE RENEWAL
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		2114.63	359.00	86.80	359.00					
(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
RAPP-A	2	200.00	150	36.00	150	11-Jan-19	14.43			TECHNICAL PROBLEM
RAJWEST	7	135.00	120	28.67	120	30-Jan-19	22.00			BED MATERIAL LEAKAGE
CSCIPP	5	660.00	600	0.00	0	20-Feb-19	20.22	21-Feb-19	18.31	REASON AWAITED
RAJWEST	4	135.00	120	0.00	0	21-Feb-19	7.07	21-Feb-19	14.47	BED MATERIAL LEAKAGE
ADANI	1	660.00	600	0.00	0	21-Feb-19	13.33	21-Feb-19	17.16	ID FAN FAILURE
Total(B) STATE SECTOR-FORCED OUTAGE		1415.00	1200.00	115.07	480.00					
CENTRAL SECTOR										
DADRI-II TPS	2	490.00	15	3.59	15	06-Feb-19	17.37			ROTOR EARTH FAULT
Total(B) CENTRAL SECTOR-FORCED OUTAGE		490.00	15.00	3.59	15.00					
G. TOTAL				118.66	495.00					

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 (\$).