



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

Power Position 11-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		
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								
12-Feb-19										
13-Feb-19										
14-Feb-19										
15-Feb-19										
16-Feb-19										
17-Feb-19										
18-Feb-19										
19-Feb-19										
20-Feb-19										
21-Feb-19										
22-Feb-19										
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	239.98
MIN OF THE MONTH	2536.79	1992.00	2258.30	2029.23	-19.01	6.28	11581.00	10255.00	49.98	60.07
AVERAGE	2596.51	2086.88	2325.48	2081.46	-1.00	34.35	12179.80	11067.50	50.00	144.86
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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	224.00	224.00	191.29	224.00	224.00	186.82	224.00	224.00	192.49
2	STPS (1500/1500)	273.00	273.00	221.37	273.00	273.00	218.92	273.00	273.00	229.46
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	21.51	23.00	21.00	21.90	20.00	23.00	20.22
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	6.91	0.00	0.00	10.21	0.00	0.00	6.73
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	32.73	39.00	39.00	36.35	39.00	39.00	23.73
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	358.00	358.00	325.45	358.00	358.00	321.72	355.00	358.00	357.27
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	546.48	559.00	470.43	560.00	546.48	473.36	559.00	560.00	464.82
11	WIND FARM (4139.20/4292.95)	74.50	84.75	113.68	72.75	74.50	96.58	102.50	72.75	81.63
12	SOLAR POWER(1661.70/2250.16)	146.21	159.42	159.79	159.79	146.21	130.26	130.26	159.79	115.61
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.68	5.00	5.00	4.72	7.00	5.00	7.40
17	BARSINGHSAR LTPS(250/250)	0.00	0.00	0.00	26.00	0.00	4.75	27.00	26.00	23.60
18	RAJWEST (1080/1080)	172.00	172.00	126.83	172.00	172.00	120.62	172.00	172.00	129.95
	TOTAL (A) : 1-18	1859.19	1893.17	1674.67	1912.54	1859.19	1626.21	1908.76	1912.54	1652.92
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	18.50	17.70	17.47	20.68	18.50	20.13	21.56	20.68	21.13
b)	DEHAR (198/ 990)	6.45	5.82	9.74	7.03	6.45	7.15	5.86	7.03	7.40
c)	PONG (231.66/396)	23.73	28.38	27.58	18.94	23.73	20.66	34.03	18.94	22.21
	TOTAL : a TO c	48.68	51.90	54.80	46.65	48.68	47.94	61.45	46.65	50.75
20	CENTRAL STATIONS									
d)	SINGRAULI (300/2000)+SINGRAULI SHEP (1.87/8.00)	73.24	79.88	80.57	83.36	73.24	73.15	64.64	83.36	72.52
e)	RIHAND (310.24/3000)	102.70	106.23	104.07	111.84	102.70	102.39	95.43	111.84	92.56
f)	UNCHAHAAR-I(20/420)	5.68	5.85	2.70	5.41	5.68	2.85	5.80	5.41	3.55
g)	UNCHAHAAR-II& III & IV(135.09/1130)	20.93	21.86	10.33	20.01	20.93	9.65	43.04	20.01	16.99
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI SI-II (43.22/980) + DADRI-TH	12.17	13.49	5.06	12.74	12.17	2.94	14.40	12.74	4.96
j)	DADRI GAS (77/830)	4.83	5.07	4.11	5.41	4.83	3.01	6.80	5.41	4.53
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	2.32	2.42	1.66	2.54	2.32	1.16	2.29	2.54	1.85
m)	NAPP (44/440)	4.44	4.24	4.24	4.51	4.44	4.44	4.64	4.51	4.51
n)	RAPP-B (125/440)	28.78	28.62	28.62	29.09	28.78	28.78	29.70	29.09	29.09
o)	RAPP-C (88/440)	9.05	9.05	9.05	9.19	9.05	9.05	9.33	9.19	9.19
p)	SALAL (20.36/690)	2.02	2.62	2.01	1.89	2.02	1.65	1.38	1.89	1.39
q)	URI (70.37/720)	8.89	8.58	10.12	9.43	8.89	11.16	10.05	9.43	11.76
r)	TANAKPUR (10.86/94)	0.58	0.50	0.61	0.53	0.58	0.77	0.49	0.53	0.63
s)	CHAMERA –I (105.84/540)	12.89	11.85	11.85	9.21	12.89	12.89	8.43	9.21	9.21
t)	CHAMERA-II (29.01/300)	1.22	1.55	1.56	1.60	1.22	1.42	1.45	1.60	2.14
u)	CHAMERA-III (25.21/231)	0.72	0.72	0.72	0.72	0.72	0.79	1.04	0.72	1.34
v)	DHAULIGANGA (27/280)	0.79	0.79	0.89	0.79	0.79	0.79	0.80	0.79	0.79
w)	DULHASTI (42.42/390)	1.64	1.93	1.09	0.98	1.64	1.48	2.70	0.98	0.98
x)	SEWA (13/120)	3.19	3.19	3.19	3.19	3.19	3.19	2.98	3.19	3.19
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.00	5.00	5.63	5.40	5.00	5.49	5.49	5.40	5.40
z)	TEHRI (75/1000)	5.32	5.59	5.59	5.32	5.32	5.32	4.65	5.32	5.32
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.33	5.07	5.07	5.08	5.33	5.85	4.70	5.08	5.08
ab)	TALA	0.02	0.02	0.02	0.02	0.02	0.07	0.02	0.02	0.02
ac)	MUNDRA UMPP (380/4000)	62.14	66.15	61.68	71.04	62.14	63.02	59.84	71.04	58.34
ad)	SASAN (372/3960)	76.23	79.98	78.18	83.75	76.23	76.28	65.74	83.75	78.10
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.43	24.17	19.24	23.25	23.43	21.63	23.35	23.25	17.40
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	522.23	546.34	512.65	552.94	522.23	497.17	530.63	552.94	491.59
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	522.23	546.34	512.65	552.94	522.23	497.17	530.63	552.94	491.59
21	BILATERAL (REG.) EXCL. BANKING	3.08	3.08	3.08	3.08	3.08	3.08	3.14	3.08	3.08
22	BANKING	12.97	12.97	12.97	12.97	12.97	12.97	13.07	12.97	12.97
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	111.89	111.57	111.46	113.82	111.89	111.89	111.94	113.82	112.18
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	1.44	0.00	0.00	-1.56	0.00	0.00	10.10
25	INDIAN ENERGY EXCHANGE	53.87	30.08	30.08	-4.71	53.87	53.87	-26.88	-4.71	-4.71
	TOTAL(B): (19 TO 25)	704.04	704.05	671.67	678.09	704.04	677.43	631.90	678.09	625.22
	TOTAL GENERATION (A +B) : 1 TO 25			2346.35			2303.63			2278.13
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-5.20			-11.08			-0.05
	GRAND TOTAL	2563.23	2597.22	2341.15	2590.63	2563.23	2292.55	2540.65	2590.63	2278.08
	LAST YEAR	1992.00	1997.16	2029.23	2074.08	1992.00	2073.28	2137.26	2074.08	2085.48

3. SYSTEM PARAMETERS AS ON 10-Feb-19

MAXIMUM DRAWL ON 10-Feb-19	11918 MW at 11.15-11.30 HRS 50.06 HZ
MINIMUM DRAWL ON 10-Feb-19	6858 MW at 04.00-04.15 Hrs 49.99 HZ
Max U/D of the day	719 MW at 17.15-17.30 Hrs 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	26
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	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	50
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	18
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	9
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	11-Feb-19	11-Feb-18		
Gandhi Sagar (Fl.)	1312	1250	1267.30	1283.11	9756	NA
R.P.Sagar (Fl.)	1157.5	1128	1139.37	#REF!	7751	NA
Jawahar Sagar (Fl.)	980	970.4	974.60	975.30	7982	NA
Kota Barrage(Fl.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1400	
Bhakra(Fl.)	1690	1462	1634.85	1605.28	12818	7176
Dehar (Fl.)	2941	2900	2922.83	2920.27	2082	2226
Pong(Fl.)	1421	1260	1348.55	1326.29	11507	5038
Mahi-I (Mts.)	281.5	259	218.20	274.80	3038	NIL
Mahi-II (Mts.)	220.5	217	235.05	217.30	753	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	10-Feb-19	50.02 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	650 MW at 9.45-10.00 Hrs 50.05 HZ		11-Feb-19	KTPS	128004 MT	6.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	1.30					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.40			STPS	134661 MT	5.5 DAYS
ABOVE 50.05 HZ	26.30					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			CHHABRA	184576 MT	24.5 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0		KALISINDH	212022 MT	15 DAYS	

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

11-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			RED MATERIAL LEAKAGE (S/D 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#01677 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
Total(A)-STATE SECTOR-PLANNED OUTAGE		915.00	781.00	187.40	781.00					
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 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
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		934.62	146.00	35.30	146.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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			RED MATERIAL LEAKAGE
BTPP	2	125.00	110	26.40	110	04-Feb-19	21.47			REFRACTORY FAILURE
RAJWEST	8	135.00	120	28.67	120	06-Feb-19	7.39			RED MATERIAL LEAKAGE
Total(B)-STATE SECTOR-FORCED OUTAGE		880.00	710.00	170.14	710.00					
CENTRAL SECTOR										
UNCHHAR	6	500.00	74	0.00	0	05-Feb-19	19.56	10-Feb-19	13.00	BOILER TUBE LEAKAGE
DADRI TPS	2	490.00	15	0.95	15	06-Feb-19	17.37			ROTOR EARTH FAULT
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		990.00	89.00	0.95	15.00					
G.TOTAL			171.09	725.00						

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 (\$).