



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

Power Position 09-Feb-18	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- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2018
01-Feb-18	2008.01	1981.35	2081.33	1936.44	56.58	29.68	10255.00	9726.00	49.99	141.73
02-Feb-18	2052.78	1921.16	2122.51	1946.33	45.24	33.26	11449.00	9388.00	49.99	99.13
03-Feb-18	2105.08	2013.57	2127.65	1994.53	53.52	44.30	11342.00	9698.00	49.97	51.10
04-Feb-18	2166.72	2054.45	2058.49	2008.62	6.28	27.88	11191.00	9688.00	50.00	187.93
05-Feb-18	2149.39	2045.91	2099.17	1945.51	33.41	46.62	11350.00	9683.00	49.98	145.87
06-Feb-18	2213.60	2085.22	2071.52	1978.22	12.14	31.44	11267.00	9511.00	49.96	126.26
07-Feb-18	2059.61	2072.74	2065.91	2043.06	15.33	26.97	11173.00	9979.00	49.96	60.45
08-Feb-18	1997.16	2050.40	2029.23	2053.28	53.51	48.37	10601.00	9955.00	49.96	11.51
09-Feb-18	1992.00	1941.95								
10-Feb-18										
11-Feb-18										
12-Feb-18										
13-Feb-18										
14-Feb-18										
15-Feb-18										
16-Feb-18										
17-Feb-18										
18-Feb-18										
19-Feb-18										
20-Feb-18										
21-Feb-18										
22-Feb-18										
23-Feb-18										
24-Feb-18										
25-Feb-18										
26-Feb-18										
27-Feb-18										
28-Feb-18										
MAXIMUM OF THE MONTH	2213.60	2085.22	2127.65	2053.28	56.58	48.37	11449.00	9979.00	50.00	187.93
MIN OF THE MONTH	1992.00	1921.16	2029.23	1936.44	6.28	26.97	10255.00	9388.00	49.96	11.51
AVERAGE	2076.24	2018.38	2081.98	1988.25	34.50	36.07	11078.50	9703.50	49.98	103.00
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2222.22	18-Aug-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							11564	(08.00-8.15Hrs.)	13-Jan-18	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10348	(8.15-8.30 Hrs.)	25/1/2017	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		

**2. Anticipated Availability/Generation From Different Sources
(In LU)**

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		8-Feb-18		
1	KTPS (1240/1240)	247.00	247.00	241.14
2	STPS (1500/1500)	218.00	273.00	224.69
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	41.00	38.00	39.67
5	RAPP-A(200/200)	43.00	43.00	44.98
6	MAHI (140/140)	0.00	0.00	7.00
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	28.93
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	160.00	109.00	181.92
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	265.87
11	WIND FARM (3980.40/4119.15)	33.00	21.50	11.51
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.75
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	-0.43	-4.64	-4.78
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.80
17	BARSINGHAR LTPS(250/250)	52.00	51.00	50.30
18	RAJWEST (1080/1080)	143.00	172.00	147.26
	TOTAL (A) : 1-18	1253.19	1266.48	1245.04
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.05	27.18	26.86
b)	DEHAR (198/ 990)	5.01	5.41	5.41
c)	PONG (231.66/396)	29.90	30.28	29.33
	TOTAL : a TO c	61.96	62.87	61.60
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	93.03	94.17	92.67
e)	RIHAND (310.24/3000)	127.12	126.29	126.29
f)	UNCHAHAHAR-I(20/420)	16.90	12.41	12.36
g)	UNCHAHAHAR-II& III(61/630)	35.29	29.72	28.53
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.56	11.58	13.36
j)	DADRI GAS (77/830)	5.61	5.82	4.94
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)	9.96	9.96	9.96
n)	RAPP-B (125/440)	32.64	16.83	20.00
o)	RAPP-C (88/440)	9.57	9.57	9.57
p)	SALAL (20.36/690)	0.44	0.49	0.46
q)	URI (70.37/720)	2.54	2.62	2.30
r)	TANAKPUR (10.86/94)	0.55	0.31	0.31
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	0.87	0.87	0.87
u)	CHAMERA-III (25.21/231)	0.55	0.60	0.55
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.50	2.50	2.72
x)	SEWA (13/120)	0.26	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.58	5.88	5.86
z)	TEHRI (75/1000)	5.60	5.59	5.59
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.17
ab)	TALA	0.10	0.13	0.13
ac)	MUNDRA UMPP (380/4000)	90.83	90.83	90.83
ad)	SASAN (372/3960)	89.04	89.04	89.04
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.95	30.62	30.62
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	640.93	615.57	618.05
	LOSSES	-41.88	-40.17	-42.80
	NET SCHEDULED	599.06	575.40	575.26
21	BILATERAL (REG.) EXCL. BANKING	4.39	4.39	4.39
22	BANKING	15.58	15.58	15.58
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	113.13	113.95	113.13
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.43	4.64	4.78
25	INDIAN ENERGY EXCHANGE	6.22	17.54	17.54
	TOTAL(B): (19 TO 25)	738.81	730.68	730.68
	TOTAL GENERATION (A +B) : 1 TO 25			1975.72
	OVER DRAWAL (+)/UNDER DRAWAL (-)			53.51
	GRAND TOTAL	1992.00	1997.16	2029.23
	LAST YEAR	1941.95	2050.40	2053.28

3.SYSTEM PARAMETERS AS ON 08-Feb-18

MAXIMUM DRAWL ON 08-Feb-18	10601 MW at 07.00-07.15 Hrs 49.94 Hz
MINIMUM DRAWL ON 08-Feb-18	6630 MW at 04.00-04.15Hrs 49.99 Hz
Max U/D of the day	271 MW at 21.45-22.00 HRS 50.03Hz
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	7
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	69
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	37
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	19
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	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
No. of Blocks in which Freq. >= 50.10	0
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.	9-Feb-18	9-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1303.34	8925	NA
R.P.Sagar (Ft.)	1157.5	1128	1136.92	1137.76	13608	55
Jawahar Sagar (Ft.)	980	970.4	975.10	976.70	6672	10
Kota Barrage(Ft.)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1607.06	1576.12	17450	6055
Dehar (Ft.)	2941	2900	2921.39	2916.79	1553	1331
Pong(Ft.)	1421	1260	1327.45	1325.21	12702	1729
Mahi-I (Mts.)	281.5	259	275.14	276.05	2795	NA
Mahi-II (Mts.)	220.5	217	217.59	217.00	476	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
9-Feb-18	KTPS	20294	1 DAY
	STPS	11100	0.5 DAY
	CHHABRA	117678	15.5 DAYS
	KALISINDH	26937	2 DAYS

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

9-Feb-18

(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	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED(permission not granted by ruval end dt msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
DCCPP	GT#1	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by ruval end dt msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27			ELECTICAL PROTECTION(S/D till 10.01.2018)
Total(A) STATE SECTOR- PLANNED OUTAGE		705.00	580.00	142.80	580.00					

CENTRAL SECTOR

DABRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DABRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DABRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
RAFP-B	4	220.00	63	15.07	63	19-Dec-17	0.07			GENERAL MAINTENANCE
AURAIYA GPS	1	111.19	18	4.40	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAIYA GPS	5	109.00	18	4.40	18	02-Feb-18	19.28			RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.30	22	02-Feb-18	19.34			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	02-Feb-18	19.39			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.06			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	02-Feb-18	20.18			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	02-Feb-18	20.42			RESERVE SHUTDOWN
DABRI-T2	2	490.00	15	3.59	15	03-Feb-18	1.33			ANNUAL MAINTENANCE
RAFP-C	6	220.00	44	10.50	44	05-Feb-18	23.59			SHUT DOWN
Total(B)CENTRAL SECTOR- PLANNED OUTAGE		2444.90	426.80	103.06	427.00					

(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-
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39	15-Feb-18		GT PROTECTION BUCHHLOZ ALARM
ADANI	1	660.00	600	144.00	600	06-Jan-18	8.31			LOW COAL STOCK
ADANI	2	660.00	600	144.00	600	13-Jan-18	18.52			LOW COAL STOCK
CHHABRA	2	250.00	210	0.00	0	31-Jan-18	14.00	08-Feb-18	18.00	HIGH AXIAL SHIFT
RAJWEST	2	135.00	120	0.81	0	01-Feb-18	4.37	09-Feb-18	0.41	BED MATERIAL LEAKAGE
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28			LEAKAGE IN BOILER DUCT
RAMGARH	GT#2	37.50	29	7.00	29	06-Feb-18	3.04			DUE TO HIGH SPREAD
RAJWEST	8	135.00	120	28.67	120	07-Feb-18	2.32			DESYNCHRONIZED DUE TO BED MATERIAL LEAKAGE
RAJWEST	6	135.00	120	28.67	120	08-Feb-18	2.00			BED MATERIAL LEAKAGE
STPS	6	250.00	229	55.00	229	08-Feb-18	8.44			BED MATERIAL LEAKAGE
RAMGARH	STG#1	37.50	10	0.00	0	08-Feb-18	10.05	08-Feb-18	20.46	DESYNCHRONIZED DUE TO NON AVAILABILITY OF GAS AND SHUT DOWN OF ONGC
RAMGARH	GT#1	37.50	29	0.00	0	08-Feb-18	10.15	08-Feb-18	16.18	DESYNCHRONIZED DUE TO ON AVAILABILITY OF GAS AND SHUT DOWN OF ONGC
Total(B) STATE SECTOR-FORCED OUTAGE		2822.50	2466.00	502.95	2096.00					

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
UNCHAHAR	1	210.00	11	2.70	11	01-Feb-18	10.38			AIR PRE HEATER PROBLEM
Total(B)CENTRAL SECTOR-FORCED OUTAGE		710.00	11.00	2.70	11.00					
G.TOTAL			505.65	2107.00						

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 (\$).