



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

Power Position 19-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		
Feb-18										
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	2073.29	1999.59	41.36	42.41	10966.00	9916.00	49.94	18.71
10-Feb-18	2074.08	2047.09	2085.48	2014.18	26.12	30.73	11081.00	10003.00	49.96	53.76
11-Feb-18	2137.26	2037.76	2040.75	1995.19	6.47	32.31	11111.00	9592.00	50.00	128.34
12-Feb-18	2118.77	2019.27	2061.83	1962.72	21.49	29.12	11220.00	9881.00	49.98	71.46
13-Feb-18	2163.37	2028.41	2045.89	1977.49	-1.49	45.52	10853.00	9852.00	49.98	81.86
14-Feb-18	2048.54	1974.24	2064.09	2004.61	40.84	55.20	11192.00	10052.00	49.99	127.01
15-Feb-18	2081.06	1964.08	2021.67	2016.78	30.12	55.83	11336.00	9605.00	49.97	48.50
16-Feb-18	2027.10	2164.07	2085.84	2106.72	35.82	28.29	11351.00	10322.00	49.97	14.68
17-Feb-18	2102.07	2159.83	2071.25	2104.46	52.24	38.26	11275.00	10096.00	49.97	30.25
18-Feb-18	2067.13	2142.36	2048.52	2111.19	42.77	32.82	11019.00	10015.00	49.98	45.71
19-Feb-18	1895.13	2163.57								
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	2164.07	2127.65	2111.19	56.58	55.83	11449.00	10322.00	50.00	187.93
MIN OF THE MONTH	1895.13	1921.16	2021.67	1936.44	-1.49	26.97	10255.00	9388.00	49.94	11.51
AVERAGE	2073.84	2044.22	2069.69	2011.05	31.76	37.72	11112.89	9831.22	49.98	80.24
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	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
		16-Feb-18			17-Feb-18			18-Feb-18		
1	KTPS (1240/1240)	246.00	246.00	223.80	246.00	246.00	234.80	178.00	246.00	219.99
2	STPS (1500/1500)	218.00	218.00	193.02	211.00	218.00	192.94	170.00	211.00	181.17
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)	42.00	42.00	42.55	42.00	42.00	42.15	42.00	42.00	42.43
5	RAPP-A(200/200)	43.00	43.00	44.25	43.00	43.00	44.69	44.00	43.00	44.58
6	MAHI (140/140)	0.00	0.00	9.31	0.00	0.00	6.82	0.00	0.00	6.83
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	36.79	38.62	38.62	36.34	38.62	38.62	31.99
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)	218.00	218.00	299.26	218.00	218.00	248.22	170.00	218.00	225.52
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	249.32	273.00	273.00	256.29	273.00	273.00	243.78
11	WIND FARM (3980.40/4119.15)	69.75	23.50	14.68	17.00	69.75	30.25	27.00	17.00	45.71
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.63	0.00	0.00	1.04	0.00	0.00	0.00
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	-5.55	-9.74	-9.30	-7.73	-5.55	-5.61	8.56	-7.73	-7.89
16	BIOMASS - (101.95/119.25)	2.00	5.00	1.55	2.00	2.00	1.53	2.00	2.00	2.16
17	BARSINGHSAR LTPS(250/250)	48.00	52.00	46.53	49.00	48.00	47.94	50.00	49.00	48.72
18	RAJWEST (1080/1080)	201.00	201.00	193.37	201.00	201.00	194.58	201.00	201.00	190.02
	TOTAL (A) : 1-18	1393.82	1350.38	1348.76	1332.89	1393.82	1331.98	1204.18	1332.89	1275.00
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	26.96	27.28	26.97	27.30	26.96	27.19	27.44	27.30	27.42
b)	DEHAR (198/ 990)	5.33	5.41	5.41	5.41	5.33	5.41	5.41	5.41	5.41
c)	PONG (231.66/396)	29.57	26.30	27.13	28.66	29.57	30.20	28.48	28.66	29.02
	TOTAL : a TO c	61.85	58.98	59.51	61.37	61.85	62.80	61.33	61.37	61.85
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	91.12	90.84	91.01	91.12	91.12	91.12	91.25	91.12	90.96
e)	RIHAND (310.24/3000)	126.07	125.07	125.07	126.07	126.07	126.07	126.31	126.07	126.07
f)	UNCHAHAH-I(20/420)	10.97	6.39	4.51	6.33	10.97	6.60	8.09	6.33	5.27
g)	UNCHAHAH-II& III(61/630)	27.83	24.47	17.91	23.25	27.83	22.79	25.65	23.25	20.97
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 St-II (43.22/980) + DADRI-TH	8.94	9.05	6.80	8.67	8.94	8.01	12.69	8.67	6.36
j)	DADRI GAS (77/830)	5.75	4.36	3.02	3.75	5.75	4.77	3.87	3.75	4.81
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)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	9.86	9.86	9.86	9.89	9.86	9.86	9.77	9.89	9.89
n)	RAPP-B (125/440)	34.18	34.18	34.18	34.18	34.18	34.18	34.10	34.18	34.18
o)	RAPP-C (88/440)	9.81	9.81	9.81	9.81	9.81	9.81	9.81	9.81	9.81
p)	SALAL (20.36/690)	0.55	0.56	0.62	0.51	0.55	0.66	0.52	0.51	0.62
q)	URI (70.37/720)	3.05	2.80	3.12	3.02	3.05	3.33	3.11	3.02	3.46
r)	TANAKPUR (10.86/94)	0.31	0.25	0.25	0.25	0.31	0.26	0.24	0.25	0.25
s)	CHAMERA -I (105.84/540)	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	0.87	0.87	0.94	0.92	0.87	0.92	0.87	0.92	0.87
u)	CHAMERA-III (25.21/231)	0.60	0.60	0.60	0.60	0.60	0.60	0.50	0.60	0.60
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.39	2.18	2.39	2.28	2.39	2.39	2.39	2.28	2.28
x)	SEWA (13/120)	0.39	0.39	0.39	0.54	0.39	0.39	0.76	0.54	0.54
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.44	5.58	5.58	5.48	5.44	5.44	5.41	5.48	5.48
z)	TEHRI (75/1000)	5.45	5.45	5.45	5.13	5.45	5.70	5.13	5.13	5.13
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	5.17	5.17	2.55	2.55	5.38	5.13	2.55	5.13
ab)	TALA	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.17	0.17
ac)	MUNDRA UMPP (380/4000)	89.30	90.83	90.83	86.93	89.30	89.30	88.20	86.93	86.93
ad)	SASAN (372/3960)	74.04	74.04	74.04	74.04	74.04	75.30	74.04	74.04	74.04
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.49	27.64	24.50	25.14	27.49	27.15	26.49	25.14	25.02
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 SCHEDULE(a TO af)	602.93	593.48	579.68	585.95	602.93	596.96	599.75	585.95	584.65
	LOSSES	-35.62	-37.71	-36.93	-34.89	-35.62	-37.94	-33.51	-34.89	-37.25
	NET SCHEDULED	567.31	555.77	542.75	551.06	567.31	559.02	566.24	551.06	547.40
21	BILATERAL (REG.) EXCL. BANKING	4.43	4.43	4.43	4.43	4.43	4.43	4.47	4.43	4.43
22	BANKING	15.64	15.64	15.64	15.64	15.64	15.64	15.72	15.64	15.64
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	113.61	35.50	94.43	113.61	91.95	100.62	114.10	92.44	113.61
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	5.55	9.74	9.30	7.73	5.55	5.61	-8.56	7.73	7.89
25	INDIAN ENERGY EXCHANGE	1.71	34.71	34.71	41.76	1.71	1.71	-1.02	41.76	41.76
	TOTAL(B): (19 TO 25)	708.25	677.32	701.26	734.24	708.25	687.03	690.95	734.24	730.74
	TOTAL GENERATION (A + B) : 1 TO 25			2050.03			2019.00			2005.74
	OVER DRAWAL (+)/UNDER DRAWAL (-)			35.82			52.24			42.77
	GRAND TOTAL	2102.07	2027.70	2085.85	2067.13	2102.07	2071.25	1895.13	2067.13	2048.51
	LAST YEAR	2159.83	2164.07	2106.73	2142.36	2159.83	2104.46	2163.57	2142.36	2111.20

3. SYSTEM PARAMETERS AS ON 18-Feb-18

MAXIMUM DRAWL ON 18-Feb-18	11019 MW at 8.15-8.30Hrs 50.00 Hz
MINIMUM DRAWL ON 18-Feb-18	6768 MW at 04.00-04.15Hrs 49.93 Hz
Max U/D of the day	273 MW at 0.30 HRS 49.98 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	61
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	29
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	29
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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.	19-Feb-18	19-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	1281.26	1302.03	9211	223
R.P.Sagar (Ft.)	1157.5	1128	1137.05	1137.40	1132	7887
Jawahar Sagar (Ft.)	980	970.4	973.70	974.50	8407	6247
Kota Barrage(Ft.)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1598.72	1565.66	18076	6219
Dehar (Ft.)	2941	2900	2920.53	2921.06	1357	1326
Pong(Ft.)	1421	1260	1321.91	1319.63	12501	2086
Mahi-I (Mts.)	281.5	259	274.15	275.30	3002	NIL
Mahi-II (Mts.)	220.5	217	218.40	217.00	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	18-Feb-18	49.98 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	563 MW at 22.45 HRS 49.94 Hz		19-Feb-18	KTPS	21902	1 DAY
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	3.62					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.39			STPS	61735	2.5 DAYS
ABOVE 50.05 HZ	12.99					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			CHHABRA	89063	12 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	11					
No. of 132 KV Feeders Disconnected	0		KALISINDH	13935	1 DAY	

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

19-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 (S/D W.E.F.15.07.14)
DCCPP	HRSG2*	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 DC CPP END)
DCCPP	GT92*	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 DC CPP END)
DCCPP	HRSG1	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASED (permission not granted by ruval end md msg no OP/12/730 dt 27.12.17 and ops/12/730 dt 30.12.17)
DCCPP	GT91	110.00	100	24.00	100	12-Dec-17	23.34		ELECTRICAL PROTECTION(S/D dt 10.01.2018)
STPS	6	250.00	229	55.00	229	08-Feb-18	8.44		HEAVY STEAM LEAKAGE(PERMISSION PENDING AT RUVNL END VIDE LD MSG NO. OP/02/335/15.02.18)
STPS	5	250.00	229	55.00	229	18-Feb-18	18.43		MANUALLY TRIPPED DUE TO AVAILABILITY OF ONLY ONE BFP VIDE M. NO. OP/02/375/18.02.18
Total(A) STATE SECTOR- PLANNED OUTAGE		955.00	828.00	198.80	828.00				

CENTRAL SECTOR

DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00		RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22		RESERVE SHUTDOWN
DADRI 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
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
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	20.86		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
DADRI-T2	2	490.00	15	3.59	15	03-Feb-18	1.33		ANNUAL MAINTENANCE
RAPP-C	6	220.00	44	10.50	44	05-Feb-18	23.59		SHUT DOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		2094.71	342.00	82.69	342.00				

(B) FORCED 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	
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39	28-Feb-18	GT PROTECTION BUCHILOZ ALARM	
ADANI	1	600.00	600	144.00	600	06-Jan-18	8.31		LOW COAL STOCK	
ADANI	2	600.00	600	144.00	600	13-Jan-18	18.52		LOW COAL STOCK	
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28		LEAKAGE IN BOILER DUCT	
RAMGARH	GT92	37.50	29	7.00	29	06-Feb-18	3.04		DUE TO HIGH SPREAD	
RAJWEST	3	135.00	120	28.67	120	15-Feb-18	2.30		BAD MATERIALS LEAKAGE	
KTPS	5	210.00	192	43.00	180	19-Feb-18	1.22		FLAM FAILURE	
CTPP	1	250.00	225	0.00	0	19-Feb-18	3.24	19-Feb-18	7.40	SPS SYSTEM
STPS	4	250.00	229	46.00	192	19-Feb-18	3.22		GENERATOR PROTECTION	
KTPS-	6	195.00	175	37.00	153	19-Feb-18	3.09		ELECTRICAL FAULT	
Total(B) STATE SECTOR-FORCED OUTAGE		2882.50	2569.00	544.47	2273.00					

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH
DADRI GPS	2	130.19	22	5.30	22	15-Feb-18	12.09		UNIT TAKEN UNDER RESERVE SHUTDOWN
STPP(JHAHAR)	1	500.00	5	1.20	5	17-Feb-18	0.25		HYDROGEN COOLER LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1130.19	27.00	6.50	27.00				

G.TOTAL

550.97

2300.00

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 (\$).