



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

<b>Power Position 20-Feb-18</b>	<b>Point No.</b>
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**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
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	2035.34	2068.64	32.96	15.93	10114.00	9911.00	49.95	18.51
20-Feb-18	2071.03	2274.70								
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	<b>2213.60</b>	<b>2274.70</b>	<b>2127.65</b>	<b>2111.19</b>	<b>56.58</b>	<b>55.83</b>	<b>11449.00</b>	<b>10322.00</b>	<b>50.00</b>	<b>187.93</b>
MIN OF THE MONTH	<b>1895.13</b>	<b>1921.16</b>	<b>2021.67</b>	<b>1936.44</b>	<b>-1.49</b>	<b>15.93</b>	<b>10114.00</b>	<b>9388.00</b>	<b>49.94</b>	<b>11.51</b>
AVERAGE	<b>2073.71</b>	<b>2055.20</b>	<b>2067.88</b>	<b>2014.08</b>	<b>31.83</b>	<b>36.58</b>	<b>11060.32</b>	<b>9835.42</b>	<b>49.97</b>	<b>76.99</b>
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
		19-Feb-18		
1	KTPS (1240/1240)	246.00	178.00	200.99
2	STPS (1500/1500)	218.00	170.00	183.94
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	41.00	42.00	41.43
5	RAPP-A(200/200)	43.00	44.00	44.63
6	MAHI (140/140)	0.00	0.00	8.92
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	39.28
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	170.00	267.16
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	255.32
11	WIND FARM (3980.40/4119.15)	39.25	27.00	18.51
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.36
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	19.55	8.56	8.25
16	BIOMASS – (101.95/119.25)	5.00	2.00	4.68
17	BARSINGHAR LTPS(250/250)	51.00	50.00	47.14
18	RAJWEST (1080/1080)	201.00	201.00	192.71
	<b>TOTAL (A) : 1-18</b>	<b>1393.42</b>	<b>1204.18</b>	<b>1315.32</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.73	27.44	27.89
b)	DEHAR (198/ 990)	5.41	5.41	5.41
c)	PONG (231.66/396)	31.74	28.48	29.93
	<b>TOTAL : a TO c</b>	<b>64.88</b>	<b>61.33</b>	<b>63.23</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.12	91.25	91.25
e)	RIHAND (310.24/3000)	124.02	126.31	126.31
f)	UNCHAHAHAR-I(20/420)	6.25	8.09	8.44
g)	UNCHAHAHAR-II& III(61/630)	22.61	25.65	24.77
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	10.73	12.69	6.53
j)	DADRI GAS (77/830)	5.54	3.87	3.88
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	9.77	9.77
n)	RAPP-B (125/440)	34.01	34.10	34.10
o)	RAPP-C (88/440)	9.81	9.81	9.81
p)	SALAL (20.36/690)	0.52	0.52	0.61
q)	URI (70.37/720)	3.31	3.11	3.27
r)	TANAKPUR (10.86/94)	0.24	0.24	0.24
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	0.97	0.87	1.02
u)	CHAMERA-III (25.21/231)	0.75	0.50	0.65
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.39	2.39	2.39
x)	SEWA (13/120)	0.87	0.76	0.76
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.48	5.41	5.45
z)	TEHRI (75/1000)	5.13	5.13	5.13
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	2.23	5.13	5.13
ab)	TALA	0.17	0.16	0.16
ac)	MUNDRA UMPP (380/4000)	87.40	88.20	88.20
ad)	SASAN (372/3960)	74.04	74.04	74.04
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.17	26.49	26.28
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	591.54	599.75	595.37
	LOSSES	-30.83	-33.51	-33.33
	NET SCHEDULED	<b>560.71</b>	<b>566.24</b>	<b>562.04</b>
21	BILATERAL (REG.) EXCL. BANKING	4.59	4.47	4.47
22	BANKING	15.72	15.72	15.72
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.10	93.25	114.10
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-19.55	-8.56	-8.25
25	INDIAN ENERGY EXCHANGE	2.04	-1.02	-1.02
	<b>TOTAL(B): (19 TO 25)</b>	<b>677.61</b>	<b>690.95</b>	<b>687.06</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2002.38</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			32.96
	<b>GRAND TOTAL</b>	<b>2071.03</b>	<b>1895.13</b>	<b>2035.34</b>
	LAST YEAR	2274.70	2163.57	2068.65

## 3. SYSTEM PARAMETERS AS ON 19-Feb-18

MAXIMUM DRAWL ON 19-Feb-18	10114 MW at 07.15-07.30 Hrs 49.97 Hz
MINIMUM DRAWL ON 19-Feb-18	6646 MW at 04.00-04.15Hrs 49.93 Hz
Max U/D of the day	393 MW at 11.00-11.15 Hrs 49.89 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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	80
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	28
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	8
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	3
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	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
AVERAGE FREQ. FOR THE DAY 19-Feb-18	49.95 Hz
Max O/D of the day	861 MW at 07.45-08.00 HRS 49.97 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.69
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	82.52
ABOVE 50.05 HZ	4.79
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	70
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.	20-Feb-18	20-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	1281.26	1302.03	9164	223
R.P.Sagar (Ft.)	1157.5	1128	1137.05	1137.17	8569	7887
Jawahar Sagar (Ft.)	980	970.4	973.70	977.10	7705	6247
Kota Barrage(Ft.)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1597.78	1564.61	18500	6768
Dehar (Ft.)	2941	2900	2919.68	2922.04	1366	1223
Pong(Ft.)	1421	1260	1321.28	1319.02	13712	1996
Mahi-I (Mts.)	281.5	259	274.15	275.25	2982	NIL
Mahi-II (Mts.)	220.5	217	218.40	217.00	449	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
20-Feb-18	KTPS	22388	1 day
	STPS	63929	2.5 days
	CHHABRA	71518	9.5 days
	CHHABRA	17189	1 day

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

## (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	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35	BOXED UP(PERMISSION GIVEN BY RU/VNL ON DATE 17.08.17 BUT PROBLEM IN DC CPP END )		
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40	BOXED UP(PERMISSION GIVEN BY RU/VNL ON DATE 17.08.17 BUT PROBLEM IN DC CPP 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 id 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	23.24	ELECTICAL PROTECTIONS-D dt 10.01.2018)		
STPS	6	250.00	229	0.00	0	08-Feb-18	8.44	18-Feb-18	18.24	HEAVY STEAM LEAKAGE(PERMISSION PENDING AT RUVAL EN DVIDE 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 BFPVIDE M. NO. OP/02/375/18.02.18		
Total(A) STATE SECTOR- PLANNED OUTAGE		955.00	828.00	143.80	599.00					

## 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	22.20		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	20.06		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
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) 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	
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39	28-Feb-18	GT PROTECTION BUCBHLOZ ALARM	
ADANI	1	660.00	600	144.00	600	06-Jan-18	8.21		LOW COAL STOCK	
ADANI	2	660.00	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	
RANGARH	GT#2	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	0.00	0	19-Feb-18	1.22	19-Feb-18	10.35	FLAM FAILURE
CHHABRA	1	250.00	225	0.00	0	19-Feb-18	3.24	19-Feb-18	7.40	SPS SYSTEM
STPS	4	250.00	229	0.00	0	19-Feb-18	3.22	19-Feb-18	9.09	GENERATOR PROTECTION
KTPS-	6	195.00	175	0.00	0	19-Feb-18	3.09	19-Feb-18	10.11	ELECTRICAL FAULT
Total(B) STATE SECTOR-FORCED OUTAGE		2882.50	2568.50	418.47	1747.50					

## CENTRAL SECTOR

UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH
DABRI GPS	2	130.19	22	5.30	22	15-Feb-18	12.09		UNIT TAKEN UNDER RESERVE SHUTDOWN
ISTPP(HAJAJAR)	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				
<b>G.TOTAL</b>				<b>424.97</b>	<b>1774.50</b>				

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 (\$).