



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

<b>Power Position 21-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	2058.58	2014.31	24.76	23.02	10436.00	9666.00	49.95	35.68
21-Feb-18	2027.75	2208.74								
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>2071.62</b>	<b>2062.18</b>	<b>2067.42</b>	<b>2014.09</b>	<b>31.47</b>	<b>35.90</b>	<b>11029.10</b>	<b>9826.95</b>	<b>49.97</b>	<b>74.92</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
		20-Feb-18		
1	KTPS (1240/1240)	246.00	246.00	218.61
2	STPS (1500/1500)	218.00	218.00	203.57
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	41.00	41.00	40.89
5	RAPP-A(200/200)	43.00	43.00	44.36
6	MAHI (140/140)	0.00	0.00	6.75
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	40.94
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	266.01
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	253.17
11	WIND FARM (3980.40/4119.15)	37.50	39.25	35.68
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.73
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	21.90	19.55	19.55
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.91
17	BARSINGHAR LTPS(250/250)	51.00	51.00	49.74
18	RAJWEST (1080/1080)	172.00	201.00	196.37
	<b>TOTAL (A) : 1-18</b>	<b>1365.02</b>	<b>1393.42</b>	<b>1384.28</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.56	27.73	27.69
b)	DEHAR (198/ 990)	5.41	5.41	5.01
c)	PONG (231.66/396)	31.65	31.74	31.74
	<b>TOTAL : a TO c</b>	<b>64.62</b>	<b>64.88</b>	<b>64.44</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.12	91.12	91.12
e)	RIHAND (310.24/3000)	124.07	124.02	124.02
f)	UNCHAHAHAR-I(20/420)	6.14	6.25	5.65
g)	UNCHAHAHAR-II& III(61/630)	22.56	22.61	20.43
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	10.03	10.73	6.33
j)	DADRI GAS (77/830)	4.37	5.54	2.96
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)	33.93	34.01	34.01
o)	RAPP-C (88/440)	9.81	9.81	9.81
p)	SALAL (20.36/690)	0.53	0.52	0.60
q)	URI (70.37/720)	3.32	3.31	3.21
r)	TANAKPUR (10.86/94)	0.24	0.24	0.27
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.03	0.97	1.02
u)	CHAMERA-III (25.21/231)	0.75	0.75	0.75
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)	1.30	0.87	0.87
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.71	5.48	5.45
z)	TEHRI (75/1000)	4.80	5.13	5.13
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	1.91	2.23	4.61
ab)	TALA	0.20	0.17	0.17
ac)	MUNDRA UMPP (380/4000)	83.98	87.40	87.40
ad)	SASAN (372/3960)	85.14	74.04	84.23
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.44	25.17	24.87
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	598.28	591.54	593.63
	LOSSES	-31.01	-30.83	-33.25
	NET SCHEDULED	<b>567.27</b>	<b>560.71</b>	<b>560.38</b>
21	BILATERAL (REG.) EXCL. BANKING	4.59	4.59	4.59
22	BANKING	15.72	15.72	15.72
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	111.89	93.46	86.37
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-21.90	-19.55	-19.55
25	INDIAN ENERGY EXCHANGE	-14.84	2.04	2.04
	<b>TOTAL(B): (19 TO 25)</b>	<b>662.73</b>	<b>677.61</b>	<b>649.54</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2033.83</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.76
	<b>GRAND TOTAL</b>	<b>2027.75</b>	<b>2071.03</b>	<b>2058.58</b>
	LAST YEAR	2208.74	2274.70	2014.31

## 3. SYSTEM PARAMETERS AS ON 20-Feb-18

MAXIMUM DRAWL ON 20-Feb-18	10436 MW at 07.15-07.30 Hrs 49.90 Hz
MINIMUM DRAWL ON 20-Feb-18	6799 MW at 04.00-04.15Hrs 49.94 Hz
Max U/D of the day	509 MW at 04.00-04.15 HRS 49.94 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	8
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	75
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	17
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	13
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
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	0
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 20-Feb-18	49.95 Hz
Max O/D of the day	554 MW at 07.45-08.00 HRS 50.01 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.12
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.80
ABOVE 50.05 HZ	7.08
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	38
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.	21-Feb-18	21-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	1281.20	1301.74	9176	40
R.P.Sagar (Ft.)	1157.5	1128	1137.00	1137.24	10680	8583
Jawahar Sagar (Ft.)	980	970.4	975.30	976.40	6908	8521
Kota Barrage(Ft.)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1596.77	NA	19129	6525
Dehar (Ft.)	2941	2900	2919.94	NA	1262	1229
Pong(Ft.)	1421	1260	1320.64	NA	13712	1809
Mahi-I (Mts.)	281.5	259	274.05	275.25	3040	NIL
Mahi-II (Mts.)	220.5	217	217.25	217.00	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
21-Feb-18	KTPS	21934	1 day
	STPS	57781	2.5 days
	CHHABRA	70344	5 days
	KALISINDH	20801	1.5 days

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

21-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	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 DCCPP 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 DCCPP END )
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASE Dispermission not granted by ruval end Id msg on 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		ELECTRICAL PROTECTION(S/D GH 10.01.2018)
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		705.00	599.00	143.80	599.00				

## 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	20.06		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
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(A) 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 BU/CHHILAZ 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	
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28	21-Feb-18	LEAKAGE IN BOILER DUCT	
RAMGARH	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	23-Feb-18	BAD MATERIALS LEAKAGE	
CHHABRA	3	250.00	225	0.00	0	20-Feb-18	9.49	20-Feb-18	12.33	ALL FUEL LOSS
RAJWEST	8	135.00	120	28.47	120	21-Feb-18	0.10		DESYNCHRONIZED DUE TO BED MATERIAL LEAKAGE	
Total(B) STATE SECTOR-FORCED OUTAGE		2362.50	2092.00	446.94	1867.00					

## CENTRAL SECTOR

UNCHAJAR	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
ISTPP(JHAJJAR)	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 453.44 1894.00

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 (\$).