



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

<b>Power Position 23-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	2068.97	2027.43	29.06	42.59	10365.00	9915.00	49.95	51.69
22-Feb-18	2092.56	2175.57	2092.55	2102.04	25.09	23.51	11131.00	9996.00	49.95	33.66
23-Feb-18	2105.30	2201.10								
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>2073.90</b>	<b>2072.69</b>	<b>2068.63</b>	<b>2018.70</b>	<b>31.07</b>	<b>35.64</b>	<b>11003.55</b>	<b>9838.64</b>	<b>49.97</b>	<b>71.99</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
		22-Feb-18		
1	KTPS (1240/1240)	246.00	246.00	219.57
2	STPS (1500/1500)	261.00	218.00	188.17
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	41.00	41.00	42.77
5	RAPP-A(200/200)	43.00	43.00	44.43
6	MAHI (140/140)	0.00	0.00	8.95
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	29.94
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	267.34
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	252.33
11	WIND FARM (3980.40/4119.15)	83.00	35.00	33.66
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	24.02	9.96	24.59
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.88
17	BARSINGHAR LTPS(250/250)	51.00	51.00	50.12
18	RAJWEST (1080/1080)	172.00	196.00	191.70
	<b>TOTAL (A) : 1-18</b>	<b>1455.64</b>	<b>1374.58</b>	<b>1358.45</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	28.03	27.47	28.34
b)	DEHAR (198/ 990)	5.33	5.33	5.33
c)	PONG (231.66/396)	28.39	30.02	28.11
	<b>TOTAL : a TO c</b>	<b>61.74</b>	<b>62.82</b>	<b>61.79</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	86.41	90.84	90.59
e)	RIHAND (310.24/3000)	125.94	126.07	127.02
f)	UNCHAHAHAR-I(20/420)	5.84	5.70	5.40
g)	UNCHAHAHAR-II& III(61/630)	21.73	20.29	19.25
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	7.41	8.56	5.26
j)	DADRI GAS (77/830)	4.70	3.88	3.12
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)	9.74	9.74	9.74
n)	RAPP-B (125/440)	33.93	33.75	33.75
o)	RAPP-C (88/440)	9.81	9.81	9.81
p)	SALAL (20.36/690)	0.53	0.53	0.62
q)	URI (70.37/720)	3.34	3.40	3.40
r)	TANAKPUR (10.86/94)	0.25	0.24	0.25
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.02	1.02	1.14
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)	2.18	2.39	2.39
x)	SEWA (13/120)	1.73	2.17	1.68
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.78	5.78	5.78
z)	TEHRI (75/1000)	5.35	4.80	4.80
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	1.91	1.91	4.29
ab)	TALA	0.10	0.13	0.13
ac)	MUNDRA UMPP (380/4000)	91.20	91.20	91.20
ad)	SASAN (372/3960)	89.34	89.34	86.57
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.21	27.29	26.74
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	603.88	606.34	599.43
	LOSSES	-31.02	-31.62	-33.55
	NET SCHEDULED	<b>572.87</b>	<b>574.73</b>	<b>565.87</b>
21	BILATERAL (REG.) EXCL. BANKING	4.71	4.71	4.71
22	BANKING	15.72	15.72	15.72
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.10	92.80	114.10
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-24.02	-9.96	-24.59
25	INDIAN ENERGY EXCHANGE	-33.71	18.69	33.20
	<b>TOTAL(B): (19 TO 25)</b>	<b>649.66</b>	<b>717.98</b>	<b>709.01</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2067.46</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			25.09
	<b>GRAND TOTAL</b>	<b>2105.30</b>	<b>2092.56</b>	<b>2092.55</b>
	LAST YEAR	2201.10	2175.57	2102.05

## 3. SYSTEM PARAMETERS AS ON 22-Feb-18

MAXIMUM DRAWL ON 22-Feb-18	11131 MW at 08.00-08.15 Hrs 49.96 Hz
MINIMUM DRAWL ON 22-Feb-18	6872 MW at 04.00-04.15Hrs 49.99 Hz
Max U/D of the day	326 MW at 17.30-17.45HRS 49.97 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	10
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	72
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	2
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	0
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 22-Feb-18	49.95 Hz
Max O/D of the day	473 MW at 02.30-02.45 HRS 49.95 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.64
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.33
ABOVE 50.05 HZ	7.03
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	4
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.	23-Feb-18	23-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	1280.30	1301.45	9456	168
R.P.Sagar (Ft.)	1157.5	1128	1137.10	1136.96	5646	7933
Jawahar Sagar (Ft.)	980	970.4	973.90	977.10	7497	5063
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6000	
LMC					1500	
Bhakra(Ft.)	1690	1462	1594.26	1561.65	19777	5550
Dehar (Ft.)	2941	2900	2919.29	2917.25	1348	1367
Pong(Ft.)	1421	1260	1319.15	1317.21	12302	1861
Mahi-I (Mts.)	281.5	259	273.75	275.00	3020	NIL
Mahi-II (Mts.)	220.5	217	217.45	218.00	478	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
23-Feb-18	KTPS	28241	1.5 days
	STPS	54015	2 days
	CHHABRA	56234	7.5 days
	KALISINDH	27703	2 days

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

23-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	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 DCCPP END )
DCCPP	GT2*	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	HRSG1	55.00	50	12.00	50	11-Dec-17	21.12				SYSTEM LINE VOLTAGE INCREASE/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	GT1	110.00	100	24.00	100	12-Dec-17	23.34				AIR INLET DIFFERENTIAL PRESSURE HIGH/permission not granted by ruval end Id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
STPS	5	250.00	229	12.60	0	18-Feb-18	18.43	22-Feb-18	5.33		MANUALLY TRIPPED DUE TO AVAILABILITY OF ONLY ONE BFP (VIDE M. NO. OP/02/375/18.02.18)/PERMITTED BY RUVNL.)
Total(A) STATE SECTOR- PLANNED OUTAGE		705.00	599.00	101.40	370.00						
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-1
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39	28-Feb-18			GT PROTECTION BUCHHIZO 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
RAMGARHI	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				BED MATERIAL LEAKAGE
KTPS	7	195.00	175	0.00	0	22-Feb-18	11.50	22-Feb-18	14.20		FLAM FAILURE
RAJWEST	8	135.00	120	0.00	0	21-Feb-18	0.10	22-Feb-18	1.51		DESYNCHRONIZED DUE TO BED MATERIAL LEAKAGE
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28				LEAKAGE IN BOILER DUCT
RAJWEST	4	135.00	120	28.67	120	22-Feb-18	22.02				BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2442.50	2161.50	447.14	1867.00						
CENTRAL SECTOR											
UNCHHAR	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			453.64	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 (S).