



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

<b>Power Position 06-Mar-18</b>	<b>Point No.</b>
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -MARCH- 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
Mar-18										
01-Mar-18	2019.86	2040.60	2030.19	2069.01	35.23	16.22	10138.00	9859.00	49.95	56.04
02-Mar-18	2017.77	2092.89	1815.97	1964.00	-10.81	25.26	9407.00	9347.00	49.99	106.96
03-Mar-18	1988.84	2156.19	1843.58	2049.21	28.42	22.34	9766.00	9661.00	49.98	129.02
04-Mar-18	2007.70	2148.39	1872.10	2005.97	13.60	21.89	9743.00	9730.00	49.97	60.32
05-Mar-18	1960.55	2089.75	1893.32	1954.27	25.94	26.97	9807.00	9361.00	49.95	55.17
06-Mar-18	2043.31	2095.18								
07-Mar-18										
08-Mar-18										
09-Mar-18										
10-Mar-18										
11-Mar-18										
12-Mar-18										
13-Mar-18										
14-Mar-18										
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21-Mar-18										
22-Mar-18										
23-Mar-18										
24-Mar-18										
25-Mar-18										
26-Mar-18										
27-Mar-18										
28-Mar-18										
30-Mar-18										
31-Mar-18										
MAXIMUM OF THE MONTH	2043.31	2156.19	2030.19	2069.01	35.23	26.97	10138.00	9859.00	49.99	129.02
MIN OF THE MONTH	1960.55	2040.60	1815.97	1954.27	-10.81	16.22	9407.00	9347.00	49.95	55.17
AVERAGE	2008.00	2091.43	1891.03	2008.49	18.48	22.54	9772.20	9591.60	49.97	81.50
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
		5-Mar-18		
1	KTPS (1240/1240)	204.00	246.00	216.59
2	STPS (1500/1500)	220.00	220.00	180.87
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	40.00	41.00	41.17
5	RAPP-A(200/200)	43.00	43.00	44.18
6	MAHI (140/140)	0.00	0.00	9.11
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	35.68
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	228.47
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	271.00	271.00	210.06
11	WIND FARM (3980.40/4119.15)	65.50	27.25	55.17
12	SOLAR POWER(737.70/1295.70)	123.72	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	28.60	25.62	25.91
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.82
17	BARSINGHAR LTPS(250/250)	49.00	50.00	48.36
18	RAJWEST (1080/1080)	201.00	201.00	173.74
	<b>TOTAL (A) : 1-18</b>	<b>1453.44</b>	<b>1330.49</b>	<b>1274.13</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	28.47	27.50	28.03
b)	DEHAR (198/ 990)	6.36	5.80	6.36
c)	PONG (231.66/396)	30.22	34.08	31.99
	<b>TOTAL : a TO c</b>	<b>65.05</b>	<b>67.38</b>	<b>66.38</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	83.64	83.64	83.64
e)	RIHAND (310.24/3000)	126.96	124.91	125.44
f)	UNCHAHAHAR-I(20/420)	5.97	6.12	5.64
g)	UNCHAHAHAR-II& III(61/630)	22.59	22.30	15.55
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	9.86	8.53	5.89
j)	DADRI GAS (77/830)	0.00	0.53	0.53
k)	ANTA (83.07/419)	10.68	7.72	6.35
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.67	9.67	9.67
n)	RAPP-B (125/440)	33.67	33.67	33.67
o)	RAPP-C (88/440)	9.57	9.57	9.57
p)	SALAL (20.36/690)	0.61	0.63	0.86
q)	URI (70.37/720)	10.32	10.92	8.98
r)	TANAKPUR (10.86/94)	0.10	0.10	0.10
s)	CHAMERA –I (105.84/540)	3.92	3.53	3.92
t)	CHAMERA-II (29.01/300)	1.06	1.06	1.11
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)	1.63	1.63	1.63
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.95	6.12	6.49
z)	TEHRI (75/1000)	5.21	5.51	5.21
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.38
ab)	TALA	0.18	0.34	0.34
ac)	MUNDRA UMPP (380/4000)	72.96	64.68	60.74
ad)	SASAN (372/3960)	89.34	84.68	84.68
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	18.64	23.57	17.99
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	593.85	583.31	563.70
	LOSSES	-28.34	-27.75	-29.67
	NET SCHEDULED	<b>565.50</b>	<b>555.57</b>	<b>534.03</b>
21	BILATERAL (REG.) EXCL. BANKING	5.45	5.45	5.45
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	100.67	87.98	87.76
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-28.60	-25.62	-25.91
25	INDIAN ENERGY EXCHANGE	-53.16	-8.07	-8.07
	<b>TOTAL(B): (19 TO 25)</b>	<b>589.87</b>	<b>630.07</b>	<b>593.25</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1867.38</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			25.94
	<b>GRAND TOTAL</b>	<b>2043.31</b>	<b>1960.55</b>	<b>1893.33</b>
	LAST YEAR	2095.18	2089.75	1954.27

## 3. SYSTEM PARAMETERS AS ON 05-Mar-18

MAXIMUM DRAWL ON 05-Mar-18	9807 MW at 07.00-07.15 Hrs 50.02Hz
MINIMUM DRAWL ON 05-Mar-18	6404 MW at 04.00-04.15 Hrs 49.99 Hz
Max U/D of the day	452 MW at 18.30-18.45 HRS 49.91 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	16
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	9
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	22
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	9
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	10
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	5
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 5-Mar-18	49.95 Hz
Max O/D of the day	851 MW at 13.00-13.15 HRS 50.05 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	20.65
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.05
ABOVE 50.05 HZ	4.30
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	0
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.	6-Mar-18	6-Mar-17		
Gandhi Sagar (Ft.)	1312	1250	1277.58	1300.04	9716	326
R.P.Sagar (Ft.)	1157.5	1128	1137.27	1136.07	3842	7915
Jawahar Sagar (Ft.)	980	970.4	974.60	976.60	8340	7896
Kota Barrage(Ft.)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1582.81	1548.16	19114	5012
Dehar (Ft.)	2941	2900	2920.07	2916.86	1618	1850
Pong(Ft.)	1421	1260	1311.75	1310.50	13205	1618
Mahi-I (Mts.)	281.5	259	272.80	274.05	2979	NIL
Mahi-II (Mts.)	220.5	217	217.50	217.40	516	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
6-Mar-18	KTPS	83567	4 DAYS
	STPS	70445	3 DAYS
	CHHABRA	61153	8 DAYS
	KALISINDH	61732	4.5 DAYS

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

6-Mar-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	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED U/P/PERMISSION GIVEN BY RU/VNL ON DATE 17.08.17 BUT PROBLEM IN DC/PP END )
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED U/P/PERMISSION GIVEN BY RU/VNL ON DATE 17.08.17 BUT PROBLEM IN DC/PP END )
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED(permission not granted by ru/vnl end M 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 ru/vnl end M msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
STPS	2	250.00	229	55.00	229	23-Feb-18	15.07			LOSS OF ALL FUEL/PERMISSION NOT GRANTED BY RU/VNL END L.D. MESSAGE NO. OP/02/543 DATED 26.02.18
STPS	3	250.00	229	55.00	229	01-Mar-18	17.25			DESYNCHRONISED AGAINST SYNCH. OF #1 VIDE L.D. OP. NO. 580 DATED 28.02.18
Total(A) STATE SECTOR- PLANNED OUTAGE			955.00	828.00	198.80	828.00				
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
AURAYVA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAYVA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAYVA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
AURAYVA GPS	1	111.19	18	4.40	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAYVA GPS	5	109.00	18	4.40	18	02-Feb-18	19.28			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	0.00	0	02-Feb-18	19.39	05-Mar-18	11.24	RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.06			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	0.00	0	02-Feb-18	20.18	05-Mar-18	10.56	RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	0.00	0	02-Feb-18	20.42	05-Mar-18	6.15	RESERVE SHUTDOWN
DABRI-I2	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
ISTPP(JHAJAR)	1	500.00	5	0.00	0	21-Feb-18	0.00	05-Mar-18	2.40	COAL SHORTAGE
DABRI GPS	1	130.00	22	5.30	22	05-Mar-18	5.12			RESERVE SHUTDOWN
DABRI GPS	5	154.00	22	5.30	22	05-Mar-18	5.48			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			2878.71	391.00	70.09	290.00				

## (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
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
RAMGARH	GT#2	37.50	29	7.00	29	06-Feb-18	3.04			DUE TO HIGH SPREAD
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28			LEAKAGE IN BOILER DUCT
RAJWEST	8	135.00	120	28.67	120	02-Mar-18	12.23			HEAVY BED MATERIAL LEAKAGE
CHHABRA	1	250.00	210	54.00	210	04-Mar-18	20.00			CONDENSER TUBE LEAKAGE
KALISINDH	2	600.00	565	0.00	0	05-Mar-18	17.28	05-Mar-18	20.05	DRUM LEVEL LOW
KTPS	7	195.00	175	42.00	175	05-Mar-18	23.45			BOILER TUBE LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE			2772.50	2469.00	459.47	1904.00				
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
Total(B) CENTRAL SECTOR- FORCED OUTAGE			630.19	22.00	5.30	22.00				
G.TOTAL			464.77	1926.00						

## (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
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
RAMGARH	GT#2	37.50	29	7.00	29	06-Feb-18	3.04			DUE TO HIGH SPREAD
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28			LEAKAGE IN BOILER DUCT
RAJWEST	8	135.00	120	28.67	120	02-Mar-18	12.23			HEAVY BED MATERIAL LEAKAGE
CHHABRA	1	250.00	210	54.00	210	04-Mar-18	20.00			CONDENSER TUBE LEAKAGE
KALISINDH	2	600.00	565	0.00	0	05-Mar-18	17.28	05-Mar-18	20.05	DRUM LEVEL LOW
KTPS	7	195.00	175	42.00	175	05-Mar-18	23.45			BOILER TUBE LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE			2772.50	2469.00	459.47	1904.00				
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
Total(B) CENTRAL SECTOR- FORCED OUTAGE			630.19	22.00	5.30	22.00				
G.TOTAL			464.77	1926.00						

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).