



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

<b>Power Position 21-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		
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	1969.54	1990.98	22.22	32.50	9957.00	9619.00	49.95	71.75
07-Mar-18	2112.58	2142.66	2083.64	1961.29	25.30	19.90	10626.00	9622.00	49.95	63.34
08-Mar-18	2065.31	2163.07	2098.94	1925.03	55.81	30.80	10284.00	9335.00	49.94	24.69
09-Mar-18	2005.39	1984.95	2087.96	1917.29	17.52	28.83	10723.00	9571.00	49.92	190.11
10-Mar-18	1980.92	1948.31	2042.02	1648.40	40.08	12.93	10409.00	8391.00	49.95	108.84
11-Mar-18	1955.52	1856.31	1991.79	1686.04	16.19	27.43	10348.00	9499.00	49.96	58.02
12-Mar-18	1970.91	1909.94	2004.98	1661.82	28.49	31.65	10111.00	8329.00	49.96	71.79
13-Mar-18	2046.72	1755.09	2006.29	1517.68	19.06	41.51	10574.00	7628.00	49.96	285.53
14-Mar-18	2028.48	1884.02	1998.19	1626.81	13.31	22.26	10290.00	7942.00	49.96	212.71
15-Mar-18	1948.74	1884.98	1973.15	1695.69	32.36	17.86	9816.00	8140.00	49.95	59.79
16-Mar-18	1979.68	1865.88	1959.29	1731.06	19.56	19.84	9969.00	8699.00	49.98	25.38
17-Mar-18	1975.86	1876.93	1908.86	1753.30	-4.41	2.48	9951.00	8460.00	49.98	110.79
18-Mar-18	2113.96	1855.37	1872.47	1661.15	10.93	11.94	9681.00	8599.00	50.00	60.63
19-Mar-18	1939.70	1745.72	1908.81	1484.99	-7.27	18.22	9771.00	7291.00	49.98	103.28
20-Mar-18	1987.82	1793.85	1865.27	1624.79	13.38	-5.52	9475.00	7764.00	49.98	199.46
21-Mar-18	1949.60	1813.02								
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	<b>2113.96</b>	<b>2163.07</b>	<b>2098.94</b>	<b>2069.01</b>	<b>55.81</b>	<b>41.51</b>	<b>10723.00</b>	<b>9859.00</b>	<b>50.00</b>	<b>285.53</b>
MIN OF THE MONTH	<b>1939.70</b>	<b>1745.72</b>	<b>1815.97</b>	<b>1484.99</b>	<b>-10.81</b>	<b>-5.52</b>	<b>9407.00</b>	<b>7291.00</b>	<b>49.92</b>	<b>24.69</b>
AVERAGE	<b>2005.33</b>	<b>1960.00</b>	<b>1961.32</b>	<b>1796.44</b>	<b>19.75</b>	<b>21.27</b>	<b>10042.30</b>	<b>8842.35</b>	<b>49.96</b>	<b>102.68</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-Mar-18		
1	KTPS (1240/1240)	246.00	246.00	206.34
2	STPS (1500/1500)	110.00	110.00	89.01
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	39.00	39.00	37.96
5	RAPP-A(200/200)	42.00	42.00	43.28
6	MAHI (140/140)	0.00	0.00	9.06
7	CHAMBAL (RPS+JS) (135.5/271)	16.00	26.50	12.39
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	264.99
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.08	420.08	352.24
11	WIND FARM (3980.40/4119.15)	89.50	176.00	199.46
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	43.47	40.52	39.66
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.70
17	BARSINGHAR LTPS(250/250)	23.00	23.00	23.29
18	RAJWEST (1080/1080)	201.00	201.00	155.09
	<b>TOTAL (A) : 1-18</b>	<b>1453.05</b>	<b>1547.10</b>	<b>1437.47</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.96	26.55	25.76
b)	DEHAR (198/ 990)	5.01	5.01	5.01
c)	PONG (231.66/396)	29.20	29.52	29.64
	<b>TOTAL : a TO c</b>	<b>59.18</b>	<b>61.08</b>	<b>60.42</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	82.76	79.73	79.70
e)	RIHAND (310.24/3000)	107.21	123.18	120.31
f)	UNCHAHAHAR-I(20/420)	6.81	4.58	2.94
g)	UNCHAHAHAR-II& III(61/630)	25.25	17.22	10.82
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	9.29	7.09	2.66
j)	DADRI GAS (77/830)	4.10	3.02	1.21
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)	8.67	9.47	9.47
n)	RAPP-B (125/440)	33.50	33.67	33.67
o)	RAPP-C (88/440)	9.57	9.57	9.57
p)	SALAL (20.36/690)	0.70	0.68	0.72
q)	URI (70.37/720)	9.07	9.23	8.99
r)	TANAKPUR (10.86/94)	0.05	0.04	0.05
s)	CHAMERA –I (105.84/540)	4.31	3.92	4.31
t)	CHAMERA-II (29.01/300)	1.06	1.06	1.06
u)	CHAMERA-III (25.21/231)	0.75	0.75	0.75
v)	DHAULIGANGA (27/280)	0.74	0.74	0.74
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)	5.67	5.67	5.67
z)	TEHRI (75/1000)	5.47	5.48	5.48
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	1.91	2.23	5.25
ab)	TALA	0.12	0.30	0.30
ac)	MUNDRA UMPP (380/4000)	72.96	63.46	62.91
ad)	SASAN (372/3960)	89.34	89.34	89.34
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.25	22.07	12.08
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	571.01	556.73	531.56
	LOSSES	-23.05	-22.51	-24.50
	NET SCHEDULED	<b>547.96</b>	<b>534.22</b>	<b>507.06</b>
21	BILATERAL (REG.) EXCL. BANKING	4.66	4.66	4.66
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.63	99.30	114.63
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-43.47	-40.52	-39.66
25	INDIAN ENERGY EXCHANGE	-127.22	-172.26	-172.26
	<b>TOTAL(B): (19 TO 25)</b>	<b>496.56</b>	<b>440.72</b>	<b>414.42</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1851.89</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			13.38
	<b>GRAND TOTAL</b>	<b>1949.60</b>	<b>1987.82</b>	<b>1865.27</b>
	LAST YEAR	1813.02	1793.85	1624.79

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

MAXIMUM DRAWL ON 20-Mar-18	9475 MW at 07.30-07.45 Hrs 49.97 Hz
MINIMUM DRAWL ON 20-Mar-18	6510 MW at 18.00-18.15 Hrs 50.05 Hz
Max U/D of the day	467 MW at 00.30-00.45 HRS 50.02 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	60
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	28
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	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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-Mar-18	49.98 Hz
Max O/D of the day	676 MW at 08.00-08.15 HRS 50.00 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	7.79
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.50
ABOVE 50.05 HZ	8.71
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.	21-Mar-18	21-Mar-17		
Gandhi Sagar (Ft.)	1312	1250	1273.30	1298.19	9540	341
R.P.Sagar (Ft.)	1157.5	1128	1139.05	1136.39	2394	5848
Jawahar Sagar (Ft.)	980	970.4	974.00	975.40	2999	2598
Kota Barrage(Ft.)	854.5	852.3	854.30	854.00		
RMC					3150	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1563.00	1531.75	18006	4102
Dehar (Ft.)	2941	2900	2919.94	2918.63	1243	1638
Pong(Ft.)	1421	1260	1298.34	1302.36	14001	980
Mahi-I (Mts.)	281.5	259	271.35	272.60	2419	NILL
Mahi-II (Mts.)	220.5	217	217.65	217.80	814	NILL

## 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-Mar-18	KTPS	70939	3.5 DAYS
	STPS	55747	2 DAYS
	CHHABRA	60738	8 DAYS
	KALISINDH	22984	1.5 DAYS

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

21-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 (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/Dispermission not granted by ruvnl end Id msg no OP/12/738 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 ruvnl end Id msg no OP/12/738 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 RUVNL END L.D. MESSAGE NO. OP/02/543 DATED 26.02.18
STPS	4*	250.00	229	55.00	229	18-Mar-18	12.36		BOXED UP
STPS	3*	250.00	229	55.00	229	18-Mar-18	14.50		BOXED UP
STPS	6*	250.00	229	55.00	229	19-Mar-18	13.30		BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1455.00	1286.00	308.80	1286.00				
CENTRAL SECTOR									
DADRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00		RESERVE SHUTDOWN
DADRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22		RESERVE SHUTDOWN
DADRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30		RESERVE SHUTDOWN
AURAIYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43		RESERVE SHUTDOWN
AURAIYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09		RESERVE SHUTDOWN
AURAIYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12		RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	18	4.40	18	28-Jan-18	5.51		RESERVE SHUTDOWN
AURAIYA GFS	5	109.00	18	4.40	18	02-Feb-18	19.28		RESERVE SHUTDOWN
AURAIYA GFS	2	111.19	18	4.40	18	02-Feb-18	19.32		RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	02-Feb-18	20.06		RESERVE SHUTDOWN
DADRI-T2	2	490.00	15	3.59	15	03-Feb-18	1.33		ANNUAL MAINTENANCE
SINGRAULI	2	200.00	34	8.20	34	04-Mar-18	0.10		TAKEN OUT DUE TO OVER HAULING
RAPP-C	6	220.00	44	10.50	44	06-Feb-18	0.00		MAINTENANCE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		2075.28	298.00	72.09	298.00				

## (B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE	
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	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	
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	14-Mar-18	5.30		DESYNCHRONIZED DUE TO TURBINE SIDE OIL LEAKAGE	
BARSINGAR	2	125.00	110	26.40	110	20-Mar-18	1.07		REFRACTORY FAILURE	
Total(B) STATE SECTOR-FORCED OUTAGE		1192.50	1029.00	245.87	1029.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH	
ANTA GFS	3	88.71	31	7.50	31	09-Mar-18	4.54		NON-AVAILABILITY OG GAS	
ANTA GFS	4	153.20	34	8.20	34	09-Mar-18	5.03		NON-AVAILABILITY OG GAS	
ANTA GFS	1	88.71	31	7.50	31	09-Mar-18	5.31		NON-AVAILABILITY OG GAS	
RHAND-I	1	500.00	58	0.00	0	15-Mar-18	0.34	20-Mar-18	2.42	BOILER TUBE LEAKAGE
RHAND-I	1	500.00	58	13.80	58	20-Mar-18	23.29		DESYNCHRONIZED DUE TO OIL LEAKAGE IN B-PH AUX. TRANSFORMER	
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1830.62	212.00	37.00	154.00					
G.TOTAL				282.87	1183.00					

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 (\$).