



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

<b>Power Position 06-Apr-18</b>	<b>Point No.</b>
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

**1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -APRIL- 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		
Apr-18										
01-Apr-18	1796.47	1886.47	1835.83	1739.48	4.46	21.47	8561	8166	49.98	170.85
02-Apr-18	1946.31	1836.49	1852.30	1697.94	4.22	8.57	8771	7764	49.96	180.36
03-Apr-18	1982.88	1809.01	1863.76	1705.06	-8.32	38.60	8749	8216	49.92	160.74
04-Apr-18	1900.21	1727.02	1896.99	1688.41	17.38	2.92	8591	7611	49.95	122.90
05-Apr-18	1966.36	1795.43	1902.37	1646.55	0.14	7.85	8989	7707	49.97	177.74
06-Apr-18	1968.53	1836.36								
07-Apr-18										
08-Apr-18										
09-Apr-18										
10-Apr-18										
11-Apr-18										
12-Apr-18										
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24-Apr-18										
25-Apr-18										
26-Apr-18										
27-Apr-18										
28-Apr-18										
29-Apr-18										
30-Apr-18										
01-May-18										
MAXIMUM OF THE MONTH	<b>1982.88</b>	<b>1886.47</b>	<b>1902.37</b>	<b>1739.48</b>	<b>17.38</b>	<b>38.60</b>	<b>8989.00</b>	<b>8216.00</b>	<b>49.98</b>	<b>180.36</b>
MIN OF THE MONTH	<b>1796.47</b>	<b>1727.02</b>	<b>1835.83</b>	<b>1646.55</b>	<b>-8.32</b>	<b>2.92</b>	<b>8561.00</b>	<b>7611.00</b>	<b>49.92</b>	<b>122.90</b>
AVERAGE	<b>1939.82</b>	<b>1843.97</b>	<b>1870.25</b>	<b>1695.49</b>	<b>3.58</b>	<b>15.88</b>	<b>8732.20</b>	<b>7892.80</b>	<b>49.96</b>	<b>162.52</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)					1852.30			02-Apr-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)					8771			(07.30-07.45Hrs.)	02-Apr-18	
MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)					2222.22			18-Aug-17		
MAX.PEAK LOAD DURING THE FY 2017-18 (MW)					11564			(08.00-8.15Hrs.)	13-Jan-18	
MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)					180.36			02-Apr-18		
MAX.WIND DURING THE YEAR 2017-18 (L.U.)					482.76			04-Jul-17		

## 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-Apr-18		
1	KTPS (1240/1240)	176.00	176.00	164.26
2	STPS (1500/1500)	165.00	165.00	143.62
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	39.00	42.00	36.24
5	RAPP-A(200/200)	0.00	42.00	26.52
6	MAHI (140/140)	0.00	0.00	2.03
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	208.61
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	419.00	419.00	390.26
11	WIND FARM (3980.40/4119.15)	120.50	140.00	177.74
12	SOLAR POWER(737.70/1295.70)	68.48	63.25	71.43
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	29.10	24.73	21.92
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.98
17	BARSINGHAR LTPS(250/250)	20.00	20.00	20.23
18	RAJWEST (1080/1080)	201.00	201.00	192.34
	<b>TOTAL (A) : 1-18</b>	<b>1461.08</b>	<b>1515.98</b>	<b>1460.18</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	18.10	18.10	18.49
b)	DEHAR (198/ 990)	8.05	8.13	8.66
c)	PONG (231.66/396)	1.90	2.39	2.25
	<b>TOTAL : a TO c</b>	<b>28.06</b>	<b>28.62</b>	<b>29.40</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	61.38	61.38	61.38
e)	RIHAND (310.24/3000)	103.71	103.71	103.71
f)	UNCHAHAHAR-I(20/420)	6.90	5.61	4.77
g)	UNCHAHAHAR-II& III(61/630)	25.43	21.06	18.31
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-I ( 43.22/980) + DADRI-TH	18.96	15.00	8.78
j)	DADRI GAS (77/830)	3.79	2.37	2.42
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)	8.91	9.03	9.03
n)	RAPP-B (125/440)	31.16	31.16	31.16
o)	RAPP-C (88/440)	18.89	18.89	18.89
p)	SALAL (20.36/690)	1.17	1.09	1.38
q)	URI (70.37/720)	9.16	10.15	10.46
r)	TANAKPUR (10.86/94)	0.04	0.04	0.13
s)	CHAMERA –I (105.84/540)	4.14	4.14	4.14
t)	CHAMERA-II (29.01/300)	2.04	2.78	1.94
u)	CHAMERA-III (25.21/231)	1.26	1.36	1.36
v)	DHAULIGANGA (27/280)	1.17	1.30	1.05
w)	DULHASTI (42.42/390)	3.65	3.65	3.65
x)	SEWA (13/120)	1.04	1.56	1.56
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.62	6.53	7.54
z)	TEHRI (75/1000)	4.93	4.93	4.93
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	2.60	5.91	6.34
ab)	TALA	0.21	0.19	0.19
ac)	MUNDRA UMPP (380/4000)	59.00	59.46	59.10
ad)	SASAN (372/3960)	84.92	84.92	84.92
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.13	24.59	21.56
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	518.25	509.40	498.09
	LOSSES	3.18	0.00	0.00
	NET SCHEDULED	<b>521.43</b>	<b>509.40</b>	<b>498.09</b>
21	BILATERAL (REG.) EXCL. BANKING	4.50	4.38	4.55
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	100.45	95.10	100.45
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-29.10	-24.73	-21.92
25	INDIAN ENERGY EXCHANGE	-89.82	-139.12	-139.12
	<b>TOTAL(B): (19 TO 25)</b>	<b>507.46</b>	<b>450.38</b>	<b>442.05</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1902.23</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			0.14
	<b>GRAND TOTAL</b>	<b>1968.53</b>	<b>1966.36</b>	<b>1902.37</b>
	LAST YEAR	1836.36	1795.43	1646.55

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

MAXIMUM DRAWL ON 05-Apr-18	8989 MW at 7.15-7.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 05-Apr-18	6772 MW at 18.00-18.15 Hrs 50.00 Hz
Max U/D of the day	833 MW at 1.15 HRS 50.01Hz
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	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	61
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	15
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	27
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
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	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-Apr-18	49.97 Hz
Max O/D of the day	661 MW at 2.45 HRS 49.97 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	NA
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	NA
ABOVE 50.05 HZ	#VALUE!
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-Apr-18	6-Apr-17	5-Apr-18	5-Apr-18
Gandhi Sagar (Ft.)	1312	1250	1270.86	1296.58	NA	159
R.P.Sagar (Ft.)	1157.5	1128	1140.93	1138.50	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	978.00	977.00	NIL	115
Kota Barrage(Ft.)	854.5	852.3	852.30	853.30		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1546.53	1524.30	12284	6920
Dehar (Ft.)	2941	2900	2922.93	2922.44	2257	2263
Pong(Ft.)	1421	1260	1292.93	1301.64	1004	1514
Mahi-I (Mts.)	281.5	259	270.55	271.10	1245	NIL
Mahi-II (Mts.)	220.5	217	218.00	217.25	NA	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-Apr-18	KTPS	24407	1 DAYS
	STPS	94796	4 DAYS
	CHHABRA	92545	2 DAYS
	KALISINDH	31506	12 DAYS

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

6-Apr-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(D)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	23.34			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	4	250.00	229	55.00	229	18-Mar-18	12.36			BOXED UP
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28			LEAKAGE IN BOILER DUCT(permission pending by ruval end id msg no OP/03/387 dt 23.03.18 w.e.f. 00.00 hrs date 23.03.18)permission not granted by ruval end id msg no
STPS	6	250.00	229	55.00	229	31-Mar-18	23.59			BOXED UP
KTPS	5	210.00	192	46.00	192	01-Apr-18	1.42			GRID FAILURE(vid vide ktps m.no. 124 dated 01.04.18)id m.no. 26 cannot be light up due to insufficient coal stock)
STPS	1	250.00	229	55.00	229	02-Apr-18	12.36			BOXED UP
Total(A)STATE SECTOR-PLANNED OUTAGE		1525.00	1349.00	322.80	1349.00					

## 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
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
AURAIYA GPS	2	111.19	18	4.40	18	02-Feb-18	19.32			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.06			RESERVE SHUTDOWN
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		1165.28	205.00	49.80	205.00					

## (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
RAJWEST	8	135.00	120	28.67	120	14-Mar-18	5.30			DESYNCHRONIZED DUE TO TURBINE SIDE OIL LEAKAGE
ADANI	1	660.00	600	144.00	600	29-Mar-18	5.39			API hot PA duct expansion bellows leakage.
KTPS	2	110.00	100	23.00	100	29-Mar-18	7.54			INSUFFICIENT COAL STOCK
RAMGARHI	GT-1	35.00	29	7.00	29	04-Apr-18	13.25			electrical fault
BARSINGSAR	1	125.00	110	26.40	110	30-Mar-18	23.20			TURBINE VACUUM PROBLEM
Total(B)STATE SECTOR-FORCED OUTAGE		1190.00	1029.00	245.87	1029.00					

## CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
ANTA GPS	3	88.71	31	7.50	31	09-Mar-18	4.54			NON-AVAILABILITY OG GAS
ANTA GPS	4	153.20	34	8.20	34	09-Mar-18	5.03			NON-AVAILABILITY OG GAS
ANTA GPS	1	88.71	31	7.50	31	09-Mar-18	5.31			NON-AVAILABILITY OG GAS
RIHAND	2	500.00	58	13.80	58	21-Mar-18	12.25			AMP
SINGRAULI	6	500.00	85	20.50	85	26-Mar-18	23.58			AMP WORKS
RAPP(A)	2	200.00	150	36.00	150	05-Apr-18	15.04			BUS FAULT
Total(B)CENTRAL SECTOR-FORCED OUTAGE		2030.62	389.00	93.50	389.00					

G.TOTAL 339.37 1418.00

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 (\$).