



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

<b>Power Position 18-Oct-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. -oct.- 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
01-Oct-18	2281.15	2052.07	2115.71	1961.10	1.59	24.09	9944	9517	49.96	92.97
02-Oct-18	2300.80	1955.18	2115.98	2012.63	24.71	39.62	10108	9252	49.99	136.74
03-Oct-18	2347.63	1952.76	2143.85	1967.29	19.66	40.89	9963	9222	49.97	112.81
04-Oct-18	2326.41	1938.47	2176.65	1982.51	20.68	24.27	9866	9115	49.97	84.21
05-Oct-18	2261.39	1959.56	2199.15	2039.94	64.00	28.82	10212	9061	49.97	60.17
06-Oct-18	2339.22	1914.81	2175.44	2025.64	4.97	63.07	9922	9252	49.98	36.54
07-Oct-18	2298.64	1895.69	2107.73	2028.58	-1.66	59.34	10054	8991	49.97	48.49
08-Oct-18	2322.16	1946.49	2192.23	2001.51	10.20	21.65	10081	9273	49.95	90.55
09-Oct-18	2342.64	1950.06	2142.96	2008.79	18.50	48.23	10111	9303	49.97	202.61
10-Oct-18	2311.49	1949.14	2196.39	2039.56	-9.01	61.02	10536	9736	49.97	67.01
11-Oct-18	2368.96	2069.25	2196.01	2087.98	9.42	14.62	10286	9714	49.99	65.04
12-Oct-18	2253.45	2121.39	2200.01	2086.36	24.20	9.99	10640	10357	49.98	123.85
13-Oct-18	2284.94	1980.25	2181.05	2045.16	-12.26	48.44	10603	9737	49.98	162.61
14-Oct-18	2301.78	1997.02	2143.93	2062.23	30.60	17.68	10539	10284	49.97	94.66
15-Oct-18	2329.12	2016.51	2165.71	2009.54	6.61	16.98	10741	10188	49.96	46.80
16-Oct-18	2302.59	1978.73	2205.90	2035.93	56.05	-8.03	10616	9800	49.98	57.09
17-Oct-18	2358.15	1910.15	2217.31	2045.05	27.77	3.50	10818	9965	49.99	73.94
18-Oct-18	2387.29	1997.64								
19-Oct-18										
20-Oct-18										
21-Oct-18										
22-Oct-18										
23-Oct-18										
24-Oct-18										
25-Oct-18										
26-Oct-18										
27-Oct-18										
28-Oct-18										
29-Oct-18										
30-Oct-18										
31-Oct-18										
01-Nov-18										
MAXIMUM OF THE MONTH	<b>2387.29</b>	<b>2121.39</b>	<b>2217.31</b>	<b>2087.98</b>	<b>64.00</b>	<b>63.07</b>	<b>10818.00</b>	<b>10357.00</b>	<b>49.99</b>	<b>202.61</b>
MIN OF THE MONTH	<b>2253.45</b>	<b>1895.69</b>	<b>2107.73</b>	<b>1961.10</b>	<b>-12.26</b>	<b>-8.03</b>	<b>9866.00</b>	<b>8991.00</b>	<b>49.95</b>	<b>36.54</b>
AVERAGE	<b>2317.66</b>	<b>1976.95</b>	<b>2169.18</b>	<b>2025.87</b>	<b>17.41</b>	<b>30.25</b>	<b>10296.47</b>	<b>9574.53</b>	<b>49.97</b>	<b>91.53</b>

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

11698

(08.15-08.30Hrs.)

05-Jun-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.)

565.54

13-Jun-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 31.03.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		16-Oct-18			17-Oct-18		
1	KTPS (1240/1240)	246.00	204.00	231.11	246.00	246.00	236.40
2	STPS (1500/1500)	328.00	328.00	290.75	328.00	328.00	276.96
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	23.00	23.00	22.46	23.00	23.00	22.98
5	RAPP-A(200/200)	43.00	43.00	37.77	43.00	43.00	37.11
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	20.00	0.00	22.67	20.00	20.00	16.40
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	360.00	358.00	345.35	360.00	360.00	357.47
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	414.79	422.00	422.00	398.74
11	WIND FARM (4137.20/4290.95)	44.00	86.00	57.09	29.50	44.00	73.94
12	SOLAR POWER(1656.70/2246.21)	141.75	147.37	109.30	109.30	141.75	131.34
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS - (101.95/119.25)	7.00	7.00	4.81	5.00	7.00	5.30
17	BARSINGHAR LTPS(250/250)	52.00	52.00	42.45	52.00	52.00	44.34
18	RAJWEST (1080/1080)	229.00	229.00	226.72	229.00	229.00	226.56
	<b>TOTAL (A) : 1-18</b>	<b>1915.75</b>	<b>1899.37</b>	<b>1805.27</b>	<b>1866.80</b>	<b>1915.75</b>	<b>1827.54</b>
19	BBMB COMPLEX						
a)	BHAKRA(230.79/1516.3)	21.28	21.19	21.35	22.04	21.28	21.62
b)	DEHAR (198/ 990)	16.81	17.89	16.00	15.59	16.81	16.00
c)	PONG (231.66/396)	42.95	42.95	42.95	36.74	42.95	39.45
	<b>TOTAL : a TO c</b>	<b>81.05</b>	<b>82.03</b>	<b>80.30</b>	<b>74.36</b>	<b>81.05</b>	<b>77.07</b>
20	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)	73.60	95.25	96.24	68.94	73.60	73.60
e)	RIHAND (310.24/3000)	99.98	99.98	100.56	94.29	99.98	95.06
f)	UNCHAHAR-I(20/420)	5.75	6.67	6.34	5.07	5.75	4.36
g)	UNCHAHAR-II& III & IV(135.09/1130)	14.53	16.54	15.86	18.92	14.53	11.08
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	14.39	13.78	11.64	44.62	14.39	6.27
j)	DADRI GAS (77/830)	0.76	0.61	0.70	0.38	0.76	0.63
k)	ANTA (83.07/419)	1.36	1.02	1.00	1.36	1.36	1.36
l)	AURAIYA (61.03/663)	0.63	0.93	0.91	0.37	0.63	0.54
m)	NAPP (44/440)	9.05	9.10	9.10	9.01	9.05	9.05
n)	RAPP-B (125/440)	15.10	15.10	15.10	15.10	15.10	15.10
o)	RAPP-C (88/440)	18.50	18.50	18.50	18.50	18.50	18.50
p)	SALAL (20.36/690)	1.27	1.11	1.28	1.25	1.27	1.46
q)	URI (70.37/720)	6.97	7.04	6.37	6.83	6.97	6.73
r)	TANAKPUR (10.86/94)	1.93	1.97	1.97	1.93	1.93	1.92
s)	CHAMERA -I (105.84/540)	10.91	11.96	11.95	10.38	10.91	10.91
t)	CHAMERA-II (29.01/300)	3.46	4.00	3.17	4.61	3.46	3.11
u)	CHAMERA-III (25.21/231)	2.47	2.68	2.52	2.43	2.47	2.36
v)	DHAULIGANGA (27/280)	2.63	2.53	2.43	2.63	2.63	2.53
w)	DULHASTI (42.42/390)	7.08	7.29	7.29	7.08	7.08	6.72
x)	SEWA (13/120)	0.67	0.52	0.52	0.67	0.67	0.67
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	12.86	12.95	13.23	12.86	12.86	12.86
z)	TEHRI (75/1000)	3.65	4.01	4.01	3.65	3.65	3.65
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	7.29	8.40	8.69	8.32	7.29	8.55
ab)	TALA	1.03	0.94	0.99	1.03	1.03	1.05
ac)	MUNDRA UMPP (380/4000)	69.40	69.17	69.24	69.40	69.40	69.40
ad)	SASAN (372/3960)	83.97	84.28	75.39	84.31	83.97	84.15
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.55	30.55	30.57	30.62	30.55	30.57
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	580.83	608.93	595.89	598.91	580.83	559.27
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	580.83	608.93	595.89	598.91	580.83	559.27
21	BILATERAL (REG.) EXCL. BANKING	7.54	7.54	7.59	7.54	7.54	7.54
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	115.95	104.26	104.26	101.96	115.95	115.95
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-47.52	0.00	0.00	-58.83
25	INDIAN ENERGY EXCHANGE	-261.92	-317.50	-317.50	-187.92	-261.92	-261.92
	<b>TOTAL(B): (19 TO 25)</b>	<b>442.40</b>	<b>403.22</b>	<b>342.72</b>	<b>520.49</b>	<b>442.40</b>	<b>362.00</b>
	TOTAL GENERATION (A +B) : 1 TO 25			2149.85			2189.54
	OVER DRAWAL (+)/UNDER DRAWAL (-)			56.05			27.77
	<b>GRAND TOTAL</b>	<b>2358.14</b>	<b>2302.59</b>	<b>2205.90</b>	<b>2387.29</b>	<b>2358.14</b>	<b>2217.31</b>
	LAST YEAR	1910.15	1978.73	2035.93	1997.64	1910.15	2045.05

## 3. SYSTEM PARAMETERS AS ON 17-Oct-18

MAXIMUM DRAWL ON 17-Oct-18	10818 MW at 07.15-07.30 Hrs. 49.97 HZ
MINIMUM DRAWL ON 17-Oct-18	7621 MW at 04.00-04.15 Hrs 49.97 HZ
Max U/D of the day	430 MW at 19.15-19.30 Hrs 50.05 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	54
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	16
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	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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 17-Oct-18	49.99 Hz
Max O/D of the day	551 MW at 12.00-12.15 Hrs 50.03 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	NA
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.	18-Oct-18	18-Oct-17	17-Oct-18	17-Oct-18
Gandhi Sagar (Ft.)	1312	1250	1288.25	1300.92	NIL	658
R.P.Sagar (Ft.)	1157.5	1128	1148.73	#REF!	3081	1521
Jawahar Sagar (Ft.)	980	970.4	975.70	976.10	3991	2722
Kota Barrage(Ft.)	854.5	852.3	854.00	854.10		
RMC					4500	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1669.27	1665.20	12216	12021
Dehar (Ft.)	2941	2900	2922.83	2917.91	4258	4562
Pong(Ft.)	1421	1260	1389.44	1373.61	13000	4670
Mahi-I (Mts.)	281.5	259	280.95	281.45	NA	NA
Mahi-II (Mts.)	220.5	217	216.95	216.90	NA	NA

## 5. POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
18-Oct-18	KTPS	165407	8 DAYS
	STPS	179024	7 DAYS
	CHHABRA	257804	34 DAYS
	KALISINDH	162638	11.5 DAYS

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

18-Oct-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)	
RAMGARH	GT#2	37.50	29	7.00	29	23-Sep-18	1.10			NON AVAILABILITY OF SUFFICIENT GAS	
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS	
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP	
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP	
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP	
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP	
Total(A) STATE SECTOR- PLANNED OUTAGE		542.50	439.00	105.40	439.00						

## CENTRAL SECTOR

RAPS-B	3	220.00	63	15.07	63	14-Oct-18	11.57			SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		220.00	62.80	15.07	62.80					

## (B) FORCED 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
KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
KTPS	1	110.00	100	23.00	100	31-May-18	17.25			DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
Total(B) STATE SECTOR-FORCED OUTAGE		835.00	735.00	175.40	735.00					

## CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNANCE PRESSURE HIGH
RHAND	5	500.00	75	18.00	75	23-Sep-18	1.30			BOILER TUBE LEAKAGE
UNCHAHAR	3	210.00	27	6.50	27	14-Oct-18	2.44			BOILER TUBE LEAKAGE
SINGROLI	7	500.00	85	20.50	85	17-Oct-18	3.45			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1710.00	187.00	45.00	187.00					
G.TOTAL			220.40	922.00						

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 (\$).