



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

<b>Power Position 22-Oct-18</b>	<b>Point No.</b>
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**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		
Oct-18										
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	2194.52	2008.80	29.98	16.01	10751	9754	49.99	69.74
19-Oct-18	2401.99	1988.87	2118.10	1857.71	4.57	13.98	10333	9453	49.99	56.03
20-Oct-18	2358.42	1943.79	2160.15	1796.29	12.72	5.13	10601	8964	49.95	99.57
21-Oct-18	2130.25	1869.32	2153.07	1881.70	32.86	13.99	10713	9113	49.94	84.15
22-Oct-18	2153.06	2016.69								
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>2401.99</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>2130.25</b>	<b>1869.32</b>	<b>2107.73</b>	<b>1796.29</b>	<b>-12.26</b>	<b>-8.03</b>	<b>9866.00</b>	<b>8964.00</b>	<b>49.94</b>	<b>36.54</b>
AVERAGE	<b>2307.34</b>	<b>1972.90</b>	<b>2166.75</b>	<b>1999.25</b>	<b>17.91</b>	<b>26.82</b>	<b>10354.19</b>	<b>9526.24</b>	<b>49.97</b>	<b>88.84</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



## 3. SYSTEM PARAMETERS AS ON 21-Oct-18

MAXIMUM DRAWL ON 21-Oct-18	10713 MW at 07.45-08.00 Hrs 49.96 HZ
MINIMUM DRAWL ON 21-Oct-18	7414 MW at 04.00-04.15 Hrs 49.98 HZ
Max U/D of the day	528 MW at 22.45-23.00 Hrs 49.92 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	25
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	23
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	55
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	18
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	16
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	0
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 21-Oct-18	49.94 Hz
Max O/D of the day	749 MW at 07.45-08.00 Hrs 49.92 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	26.30
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	70.50
ABOVE 50.05 HZ	3.20
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	22-Oct-18	22-Oct-17		
Gandhi Sagar (Ft.)	1312	1250	1288.25	1300.67	NIL	658
R.P.Sagar (Ft.)	1157.5	1128	1148.00	#REF!	3243	1719
Jawahar Sagar (Ft.)	980	970.4	975.30	976.10	5546	4829
Kota Barrage(Ft.)	854.5	852.3	854.10	853.30		
RMC					4500	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1669.12	1664.76	72185	11601
Dehar (Ft.)	2941	2900	2923.35	2922.83	3992	4195
Pong(Ft.)	1421	1260	1387.55	1372.23	15059	4647
Mahi-I (Mts.)	281.5	259	280.95	281.45	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.90	216.90	NIL	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
22-Oct-18	KTPS	197638	8 DAYS
	STPS	149579	6 DAYS
	CHHABRA	216723	29 DAYS
	KALISINDH	183704	13 DAYS

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

## (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.15.87.14)
RAMGARH	GT2	37.50	29	7.00	29	23-Sep-18	1.10	NON AVAILABILITY OF SUFFICIENT GAS
RAMGARH	STG2	50.00	40	9.60	40	05-Oct-18	10.58	NON AVAILABILITY OF SUFFICIENT GAS
DCPP	HRSG2	55.00	50	12.00	50	08-Oct-18	12.08	BOXED UP
DCPP	HRSG1	55.00	50	12.00	50	08-Oct-18	12.08	BOXED UP
DCPP	GT2	110.00	100	24.00	100	08-Oct-18	12.28	BOXED UP
DCPP	GT1	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	228.00	63	15.07	63	14-Oct-18	11.57	ANNUAL MAINTENANCE
AURAYA GPS	4	111.19	18	4.40	18	17-Oct-18	21.56	RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	17-Oct-18	22.21	RESERVE SHUTDOWN
DABRI GPS	2	130.19	22	5.30	22	17-Oct-18	22.27	RESERVE SHUTDOWN
DABRI GPS	4	130.19	22	5.30	22	17-Oct-18	22.49	RESERVE SHUTDOWN
AURAYA GPS	6	109.30	12	2.90	12	18-Oct-18	22.21	RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	18-Oct-18	22.25	RESERVE SHUTDOWN
DABRI GPS	5	154.51	16	3.90	16	18-Oct-18	22.25	RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	18-Oct-18	22.31	RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.30	22	18-Oct-18	22.37	RESERVE SHUTDOWN
AURAYA GPS	3	111.19	18	4.40	18	18-Oct-18	22.37	RESERVE SHUTDOWN
DABRI GPS	6	154.51	16	3.90	16	18-Oct-18	22.40	RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	18-Oct-18	23.00	RESERVE SHUTDOWN
DABRI GPS	3	130.19	22	5.30	22	18-Oct-18	23.08	RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1800.79	357.80	86.47	357.80			

## (B) FORCE OUTAGE

STATE SECTOR	NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE	
STATE SECTOR	GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27
	KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31
	KTPS	1	110.00	100	23.00	100	31-May-18	17.25
	KTPS	2	110.00	100	0.00	0	20-Oct-18	21.00
	KTPS	3	210.00	192	0.00	0	20-Oct-18	21.00
	KTPS	4	210.00	192	0.00	0	20-Oct-18	21.00
	KTPS	5	210.00	192	0.00	0	20-Oct-18	21.00
	KTPS	6	195.00	175	42.00	175	20-Oct-18	21.00
	KTPS	7	195.00	175	42.00	175	20-Oct-18	21.00
	RAJWEST	1	135.00	100	27.61	100	22-Oct-18	0.53
	KTPS	3	210.00	192	1.76	192	22-Oct-18	6.20
	KTPS	4	210.00	192	1.76	192	22-Oct-18	6.20
	Total(B) STATE SECTOR-FORCED OUTAGE		2520.00	2325.00	290.53	1649.00		
	CENTRAL SECTOR							
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	
RIHAND	5	500.00	75	18.00	75	23-Sep-18	1.30	
UNCHAHAR	3	210.00	27	6.50	27	14-Oct-18	2.44	
SINGRAULI	6	500.00	85	20.50	85	20-Oct-18	4.37	
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1710.00	187.00	45.00	187.00			
G.TOTAL			335.53	1836.00				

## (C) TOTAL

STATE SECTOR	NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE	
STATE SECTOR	GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27
	KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31
	KTPS	1	110.00	100	23.00	100	31-May-18	17.25
	KTPS	2	110.00	100	0.00	0	20-Oct-18	21.00
	KTPS	3	210.00	192	0.00	0	20-Oct-18	21.00
	KTPS	4	210.00	192	0.00	0	20-Oct-18	21.00
	KTPS	5	210.00	192	0.00	0	20-Oct-18	21.00
	KTPS	6	195.00	175	42.00	175	20-Oct-18	21.00
	KTPS	7	195.00	175	42.00	175	20-Oct-18	21.00
	RAJWEST	1	135.00	100	27.61	100	22-Oct-18	0.53
	KTPS	3	210.00	192	1.76	192	22-Oct-18	6.20
	KTPS	4	210.00	192	1.76	192	22-Oct-18	6.20
	Total(B) STATE SECTOR-FORCED OUTAGE		2520.00	2325.00	290.53	1649.00		
	CENTRAL SECTOR							
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	
RIHAND	5	500.00	75	18.00	75	23-Sep-18	1.30	
UNCHAHAR	3	210.00	27	6.50	27	14-Oct-18	2.44	
SINGRAULI	6	500.00	85	20.50	85	20-Oct-18	4.37	
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1710.00	187.00	45.00	187.00			
G.TOTAL			335.53	1836.00				

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 (\$).