



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

Power Position 05-Oct-18	Point No.
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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								
06-Oct-18										
07-Oct-18										
08-Oct-18										
09-Oct-18										
10-Oct-18										
11-Oct-18										
12-Oct-18										
13-Oct-18										
14-Oct-18										
15-Oct-18										
16-Oct-18										
17-Oct-18										
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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	2347.63	2052.07	2176.65	2012.63	24.71	40.89	10108.00	9517.00	49.99	136.74
MIN OF THE MONTH	2261.39	1938.47	2115.71	1961.10	1.59	24.09	9866.00	9115.00	49.96	84.21
AVERAGE	2303.48	1971.61	2138.05	1980.88	16.66	32.22	9970.25	9276.50	49.97	106.68

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
		4-Oct-18		
1	KTPS (1240/1240)	246.00	246.00	218.86
2	STPS (1500/1500)	328.00	328.00	274.15
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	30.00	30.00	29.57
5	RAPP-A(200/200)	42.00	42.00	36.18
6	MAHI (140/140)	0.00	0.00	0.00
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)	350.00	350.00	344.86
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	420.00	415.33
11	WIND FARM (4137.20/4290.95)	87.00	77.00	84.21
12	SOLAR POWER(1656.70/2246.21)	139.01	138.27	146.38
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	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	4.00	3.00	3.85
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.45
18	RAJWEST (1080/1080)	143.00	201.00	185.49
	TOTAL (A) : 1-18	1817.01	1861.27	1765.33
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	21.45	19.76	20.80
b)	DEHAR (198/ 990)	26.87	26.87	26.87
c)	PONG (231.66/396)	37.13	36.95	36.95
	TOTAL : a TO c	85.45	83.58	84.62
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	95.45	95.45	95.42
e)	RIHAND (310.24/3000)	92.40	92.40	88.90
f)	UNCHAHAHAR-I(20/420)	3.46	6.92	4.33
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	22.87	25.47	18.69
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	19.56	11.15	4.78
j)	DADRI GAS (77/830)	2.25	1.32	0.67
k)	ANTA (83.07/419)	0.00	0.00	3.11
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.84	8.86	8.86
n)	RAPP-B (125/440)	30.99	31.23	31.23
o)	RAPP-C (88/440)	9.34	9.34	9.34
p)	SALAL (20.36/690)	2.29	2.18	2.22
q)	URI (70.37/720)	7.95	7.49	6.79
r)	TANAKPUR (10.86/94)	2.45	2.45	2.47
s)	CHAMERA –I (105.84/540)	14.25	17.93	16.83
t)	CHAMERA-II (29.01/300)	5.98	6.01	5.09
u)	CHAMERA-III (25.21/231)	4.08	4.00	3.90
v)	DHAULIGANGA (27/280)	3.72	3.91	3.51
w)	DULHASTI (42.42/390)	9.70	9.70	9.70
x)	SEWA (13/120)	1.44	1.44	1.44
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	16.57	17.50	17.31
z)	TEHRI (75/1000)	4.95	4.02	4.02
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	10.45	11.02	11.85
ab)	TALA	1.42	1.52	1.54
ac)	MUNDRA UMPP (380/4000)	68.57	68.57	68.57
ad)	SASAN (372/3960)	69.05	69.08	68.20
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.11	20.61	20.70
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	615.57	613.15	594.11
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	615.57	613.15	594.11
21	BILATERAL (REG.) EXCL. BANKING	8.97	9.67	9.95
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	80.24	115.73	100.84
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-40.84
25	INDIAN ENERGY EXCHANGE	-260.40	-273.42	-273.42
	TOTAL(B): (19 TO 25)	444.38	465.14	390.64
	TOTAL GENERATION (A +B) : 1 TO 25			2155.97
	OVER DRAWAL (+)/UNDER DRAWAL (-)			20.68
	GRAND TOTAL	2261.39	2326.41	2176.65
	LAST YEAR	1959.56	1938.47	1982.51

3. SYSTEM PARAMETERS AS ON 04-Oct-18

MAXIMUM DRAWL ON 04-Oct-18	9866 MW at 10.30-10.45 HRS. 50.03 HZ
MINIMUM DRAWL ON 04-Oct-18	7627 MW at 04.00-04.15 Hrs 50.01 HZ
Max U/D of the day	710 MW at 10.45-11.00 Hrs 49.99 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	5
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	13
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	29
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	1
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 4-Oct-18	49.97 HZ
Max O/D of the day	847 MW at 09.30-09.45 Hrs 49.97 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	9.20
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	84.00
ABOVE 50.05 HZ	6.80
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.	5-Oct-18	5-Oct-17	4-Oct-18	4-Oct-18
Gandhi Sagar (Ft.)	1312	1250	1288.25	1301.40	NIL	658
R.P.Sagar (Ft.)	1157.5	1128	1149.79	1145.80	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	978.50	973.90	NIL	596
Kota Barrage(Ft.)	854.5	852.3	854.00	853.55		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1667.17	1668.23	11763	19936
Dehar (Ft.)	2941	2900	2936.35	2922.04	8545	8432
Pong(Ft.)	1421	1260	1392.13	1377.86	13007	9815
Mahi-I (Mts.)	281.5	259	NA	281.45	NIL	NA
Mahi-II (Mts.)	220.5	217	217.00	218.70	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
5-Oct-18	KTPS	114402	6 DAYS
	STPS	245146	10 DAYS
	CHHABRA	286954	38 DAYS
	KALISINDH	112121	8 DAYS

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

5-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)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP VIDE REVNL MSG. NO. 5600 DATED 26.09.18
DCCPP	HRSG#1*	55.00	50	12.00	50	19-May-18	16.57		BOXED UP VIDE REVNL MSG. NO. 5600 DATED 26.09.18
DCCPP	GT#1*	110.00	100	24.00	100	01-Jul-18	13.29		BOXED UP VIDE REVNL MSG. NO. 5600 DATED 26.09.18
RAMGARIH	GT#2	37.50	29	7.00	29	23-Sep-18	1.10		NON AVAILABILITY OF SUFFICIENT GAS
DCCPP	GT#2*	110.00	100	24.00	100	26-Sep-18	18.06		BOXED UP VIDE REVNL MSG. NO. 5600 DATED 26.09.18
Total(A)-STATE SECTOR-PLANNED OUTAGE									
		492.50	399.00	95.80	399.00				

CENTRAL SECTOR

RAPSC	1	220.00	44	10.50	44	05-Sep-18	1.20		ANNUAL MAINTENANCE
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE									
		220.00	44.00	10.50	44.00				

(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-1	
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	
RAJWEST	5	135.00	120	28.68	120	24-Sep-18	0.30		BED MATERIAL LEAKAGE	
BARSINGSAR	2	125.00	110	26.40	110	24-Sep-18	18.35		REFRACTORY FAILURE	
RAJWEST	3	135.00	120	28.68	120	04-Oct-18	9.37		BED MATERIAL LEAKAGE	
KTPS	2	110.00	100	0.00	0	04-Oct-18	17.59	04-Oct-18	20.52	FLAME FAILURE
RAJWEST	2	135.00	120	28.68	0	04-Oct-18	23.38		BED MATERIAL LEAKAGE	
Total(B)-STATE SECTOR-FORCED OUTAGE										
		1475.00	1305.00	287.84	1085.00					

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	
RHAND	6	500.00	70	0.00	0	04-Oct-18	13.06	04-Oct-18	15.56	FA FAN PROBLEM
UNCHAHAR	2	210.00	24	5.70	24	04-Oct-18	16.05		BOILER TUBE LEAKAGE	

Total(B)-CENTRAL SECTOR-FORCED OUTAGE									
		1710.00	169.00	23.70	99.00				
G.TOTAL				311.54	1184.00				

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 (\$).