



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

Power Position 04-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								
05-Oct-18										
06-Oct-18										
07-Oct-18										
08-Oct-18										
09-Oct-18										
10-Oct-18										
11-Oct-18										
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13-Oct-18										
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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	2143.85	2012.63	24.71	40.89	10108.00	9517.00	49.99	136.74
MIN OF THE MONTH	2281.15	1938.47	2115.71	1961.10	1.59	24.09	9944.00	9222.00	49.96	92.97
AVERAGE	2314.00	1974.62	2125.18	1980.34	15.32	34.87	10005.00	9330.33	49.97	114.17

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
		3-Oct-18		
1	KTPS (1240/1240)	246.00	246.00	206.95
2	STPS (1500/1500)	328.00	328.00	257.51
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	30.00	31.00	29.77
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	348.00	305.01
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	402.10
11	WIND FARM (4137.20/4290.95)	77.00	92.50	112.81
12	SOLAR POWER(1656.70/2246.21)	138.27	138.81	139.01
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)	3.00	3.00	2.86
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.13
18	RAJWEST (1080/1080)	201.00	201.00	204.10
	TOTAL (A) : 1-18	1861.27	1876.31	1722.43
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	19.76	17.71	19.24
b)	DEHAR (198/ 990)	26.87	27.16	26.93
c)	PONG (231.66/396)	36.95	43.71	39.51
	TOTAL : a TO c	83.58	88.58	85.67
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	95.45	95.45	95.45
e)	RIHAND (310.24/3000)	92.40	92.40	92.40
f)	UNCHAHAHAR-I(20/420)	6.92	4.15	2.78
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	25.47	15.13	10.01
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.15	11.19	0.75
j)	DADRI GAS (77/830)	1.32	1.63	0.80
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)	8.86	8.86	8.86
n)	RAPP-B (125/440)	31.23	31.15	31.15
o)	RAPP-C (88/440)	9.34	9.34	9.34
p)	SALAL (20.36/690)	2.18	1.91	1.91
q)	URI (70.37/720)	7.49	7.70	7.15
r)	TANAKPUR (10.86/94)	2.45	2.44	2.48
s)	CHAMERA –I (105.84/540)	17.93	20.78	20.78
t)	CHAMERA-II (29.01/300)	6.01	6.23	5.55
u)	CHAMERA-III (25.21/231)	4.00	4.21	3.91
v)	DHAULIGANGA (27/280)	3.91	3.95	3.76
w)	DULHASTI (42.42/390)	9.70	9.70	9.70
x)	SEWA (13/120)	1.44	1.92	1.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	17.50	18.43	18.42
z)	TEHRI (75/1000)	4.02	4.02	4.02
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	11.02	11.17	11.88
ab)	TALA	1.52	1.90	1.85
ac)	MUNDRA UMPP (380/4000)	68.57	67.60	68.03
ad)	SASAN (372/3960)	69.08	69.08	69.08
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.61	22.11	22.10
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	613.15	611.02	589.74
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	613.15	611.02	589.74
21	BILATERAL (REG.) EXCL. BANKING	9.67	9.67	10.22
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	115.73	115.73	108.75
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-41.85
25	INDIAN ENERGY EXCHANGE	-273.42	-265.11	-265.11
	TOTAL(B): (19 TO 25)	465.14	471.32	401.76
	TOTAL GENERATION (A +B) : 1 TO 25			2124.19
	OVER DRAWAL (+)/UNDER DRAWAL (-)			19.66
	GRAND TOTAL	2326.41	2347.63	2143.85
	LAST YEAR	1938.47	1952.76	1967.28

3. SYSTEM PARAMETERS AS ON 03-Oct-18

MAXIMUM DRAWL ON 03-Oct-18	9963 MW at 07.30-07.45 HRS. 50.03 HZ
MINIMUM DRAWL ON 03-Oct-18	7569 MW at 04.00-04.15 Hrs 49.97 HZ
Max U/D of the day	536 MW at 19.00-19.15 Hrs 50.00HZ.
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	1
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	66
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	4
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	6
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	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 3-Oct-18	49.97 Hz
Max O/D of the day	553 MW at 07.15-07.30 Hrs 50 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	7.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	87.00
ABOVE 50.05 HZ	5.60
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.	4-Oct-18	4-Oct-17	3-Oct-18	3-Oct-18
Gandhi Sagar (Ft.)	1312	1250	1288.25	1301.40	NIL	658
R.P.Sagar (Ft.)	1157.5	1128	1149.82	1146.02	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	978.70	973.70	NIL	556
Kota Barrage(Ft.)	854.5	852.3	854.00	853.50		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	2666.75	1668.57	10888	20034
Dehar (Ft.)	2941	2900	2988.05	2921.91	8510	8821
Pong(Ft.)	1421	1260	1392.23	1378.27	13007	10161
Mahi-I (Mts.)	281.5	259	280.75	281.45	NIL	3390
Mahi-II (Mts.)	220.5	217	217.10	218.40	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
4-Oct-18	KTPS	120860	6 DAYS
	STPS	262874	10.5 DAYS
	CHHABRA	269872	36 DAYS
	KALISINDH	104165	7.5 DAYS

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

4-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

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			DATE	TIME	REASON OF OUTAGE		
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		
STPS	3	250.00	229	0.00	0	03-Oct-18	13.50	DRUM LEVEL LOW		
Total(B)STATE SECTOR-FORCED OUTAGE										
		1345.00	965.00	230.48	965.00					

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNACE PRESSURE HIGH		
RHAND	5	500.00	75	18.00	75	23-Sep-18	1.30	BOILER TUBE LEAKAGE		
Total(B)CENTRAL SECTOR-FORCED OUTAGE										
		1000.00	75.00	18.00	75.00					
G.TOTAL				248.48	1040.00					

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 (\$).