



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

Power Position 06-Oct-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -OCT- 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
Oct-17										
01-Oct-17	2052.07	2034.37	1961.11	1990.31	24.09	22.57	9517	8968	50.00	144.93
02-Oct-17	1955.19	2042.94	2012.63	1890.88	39.62	8.14	9262	9016	49.97	162.66
03-Oct-17	1952.76	1977.65	1967.29	1867.72	40.89	1.81	9222	8471	49.93	90.25
04-Oct-17	1938.48	1989.21	1982.51	1796.01	24.27	-2.17	9115	8390	49.94	56.48
05-Oct-17	1959.56	1870.85	2039.94	1606.02	28.82	10.63	9061	7492	49.94	40.02
06-Oct-17	1914.81	1826.04								
07-Oct-17										
08-Oct-17										
09-Oct-17										
10-Oct-17										
11-Oct-17										
12-Oct-17										
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24-Oct-17										
25-Oct-17										
26-Oct-17										
27-Oct-17										
28-Oct-17										
29-Oct-17										
30-Oct-17										
31-Oct-17										
MAXIMUM OF THE MONTH	2052.07	2042.94	2039.94	1990.31	40.89	22.57	9517.00	9016.00	50.00	162.66
MIN OF THE MONTH	1914.81	1826.04	1961.11	1606.02	24.09	-2.17	9061.00	7492.00	49.93	40.02
AVERAGE	1969.98	1965.29	1992.70	1830.19	31.54	8.20	9235.40	8467.40	49.96	98.87
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2222.22	18-Aug-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10347	(23.15-23.30 Hrs.)	06-Jun-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							9906	(07.00-07.15Hrs.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							448.85	04-Aug-17		

2. Anticipated Availability/Generation Assessment 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-Oct-17		
1	KTPS (1240/1240)	142.00	134.00	147.65
2	STPS (1500/1500)	164.00	164.00	161.31
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	16.47
4	RAMGARH (273.5/273.5)	46.00	46.00	43.88
5	RAPP-A(200/200)	40.00	40.00	41.73
6	MAHI (140/140)	0.00	0.00	8.05
7	CHAMBAL (RPS+JS) (135.5/271)	24.50	0.00	19.90
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	136.00	136.00	143.38
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	328.00	340.00	330.91
11	WIND FARM (3980.40/4119.15)	22.75	31.75	40.02
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.77
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	31.60	47.26	22.41
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.54
17	BARSINGHAR LTPS(250/250)	53.00	53.00	48.77
18	RAJWEST (1080/1080)	172.00	172.00	172.71
	TOTAL (A) : 1-18	1164.85	1169.01	1203.50
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	31.55	32.08	31.66
b)	DEHAR (198/ 990)	17.96	18.42	18.55
c)	PONG (231.66/396)	39.75	45.46	44.51
	TOTAL : a TO c	89.26	95.96	94.72
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.19	90.36	90.36
e)	RIHAND (310.24/3000)	125.00	118.42	118.42
f)	UNCHAHAAR-I(20/420)	6.69	6.69	6.69
g)	UNCHAHAAR-II& III(61/630)	44.18	44.18	39.91
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	1.81
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	9.45	9.46	9.46
j)	DADRI GAS (77/830)	5.45	14.80	14.80
k)	ANTA (83.07/419)	2.92	16.38	23.57
l)	AURAIYA (61.03/663)	1.14	11.54	11.54
m)	NAPP (44/440)	9.24	9.31	9.31
n)	RAPP-B (125/440)	33.41	33.41	33.41
o)	RAPP-C (88/440)	20.10	20.10	20.10
p)	SALAL (20.36/690)	2.26	2.35	2.35
q)	URI (70.37/720)	4.60	5.00	4.32
r)	TANAKPUR (10.86/94)	2.48	2.46	2.43
s)	CHAMERA –I (105.84/540)	7.84	7.84	7.84
t)	CHAMERA-II (29.01/300)	3.63	3.56	3.68
u)	CHAMERA-III (25.21/231)	2.66	2.52	2.99
v)	DHAULIGANGA (27/280)	3.88	3.88	3.72
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	15.61	17.50	16.17
z)	TEHRI (75/1000)	5.18	5.85	5.17
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.90	9.72	9.50
ab)	TALA	2.67	2.89	2.89
ac)	MUNDRA UMPP (380/4000)	70.08	70.08	70.08
ad)	SASAN (372/3960)	72.96	72.96	72.44
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.99	22.83	22.62
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	671.25	710.54	710.77
	LOSSES	-22.75	-27.88	-27.90
	NET SCHEDULED	648.51	682.66	682.87
21	BILATERAL (REG.) EXCL. BANKING	8.55	9.51	8.73
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.59	84.85	107.37
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-31.60	-47.26	-22.41
25	INDIAN ENERGY EXCHANGE	9.91	31.06	31.06
	TOTAL(B): (19 TO 25)	749.96	790.55	807.62
	TOTAL GENERATION (A +B) : 1 TO 25			2011.12
	OVER DRAWAL (+)/UNDER DRAWAL (-)			28.82
	GRAND TOTAL	1914.81	1959.56	2039.94
	LAST YEAR	1826.04	1870.85	1606.02

3.SYSTEM PARAMETERS AS ON 05-Oct-17

MAXIMUM DRAWL ON 05-Oct-17	9061 MW at 06.00-06.15 Hrs 50.05 Hz
MINIMUM DRAWL ON 05-Oct-17	7996 MW at 10.30-10.45 Hrs 49.99 Hz
Max U/D of the day	447 MW at 05.30-05.45 HRS. 49.95 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	21
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	16
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	64
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	10
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
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

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	6-Oct-17	6-Oct-16		
Gandhi Sagar (Ft.)	1312	1250	1301.40	1311.58	NA	870
R.P.Sagar (Ft.)	1157.5	1128	1145.80	1156.97	6466	NIL
Jawahar Sagar (Ft.)	980	970.4	973.90	978.60	3527	1025
Kota Barrage(Ft.)	854.5	852.3	853.55	854.20		
RMC					3025	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1667.92	1648.68	20541	14507
Dehar (Ft.)	2941	2900	2921.32	2920.80	5365	5488
	1421	1260	1377.51	1365.70	14002	4318
Mahi-I (Mts.)	281.5	259	281.45	281.50	1340	NIL
Mahi-II (Mts.)	220.5	217	218.70	218.85	935	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY		5-Oct-17	49.94 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day		473 MW at 18.30-18.45 Hrs	49.86 Hz	6-Oct-17	KTPS	16978	1 DAY
Frequency Profile	% of Time				STPS	18904	1 DAY
LESS THAN 49.7 HZ	0.00				CHHABRA	12154	2 DAYS
LESS THAN 49.90 HZ	24.72				KALISINDH	NIL	NIL
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	69.81						
ABOVE 50.05 HZ	5.47						
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	219						
No. of 132 KV Feeders Disconnected	0						

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

6-Oct-17

(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)
DCPP	HRSG02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END)
DCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END)
KTPS	7	195.00	175	42.00	195	24-Sep-17	11.35			DUE TO COAL SHORTAGE & SHUT DOWN FOR 15 DAYS
Total(A) STATE SECTOR- PLANNED OUTAGE		485.00	395.00	94.80	415.00					

CENTRAL SECTOR

DABRI	GT#2	130.19	22	5.30	22	09-Sep-17	23.45			BOH INSPECTION FOR 4000HRS
DABRI	GT#6	154.51	16	3.90	16	21-Sep-17	0.03			DUE TO LESS DEMAND
DABRI	GT#4	130.19	22	0.00	0	26-Sep-17	21.44	03-Oct-17	19.28	LESS DEMAND
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		414.89	60.00	9.20	38.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	16-Oct-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-
RAMGARH	GT#1	37.50	29	0.00	0	01-Jul-17	12.19	05-Oct-17	1.27	HIGH VIBRATION
RAJWEST	4	135.00	120	28.68	120	03-Sep-17	1.58	07-Oct-17		N/T DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	06-Oct-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	06-Oct-17		INSUFFICIENT COAL STOCK
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	06-Oct-17		INSUFFICIENT COAL STOCK
KTPS	1	110.00	100	23.00	100	27-Sep-17	12.59	06-Oct-17		COAL SHORTAGE
KTPS	2	110.00	100	23.00	100	27-Sep-17	18.30	06-Oct-17		COAL SHORTAGE
STPS	5	250.00	229	55.00	229	28-Sep-17	16.43	06-Oct-17		Boiler tube leakage
CHHABRA	2	250.00	225	54.00	225	02-Oct-17	20.50	06-Oct-17		COAL SHORTAGE
RAJWEST	3	135.00	120	28.68	120	04-Oct-17	12.10	09-Oct-17		HEAVY BAD MATERIAL LEAKAGE
RAMGARH	STG#1	37.50	10	0.00	0	04-Oct-17	17.50	05-Oct-17	5.59	DUE TO FEED WATER LINE LEAKAGE
RAMGARH	GT#1	37.50	29	7.00	29	05-Oct-17	2.13	06-Oct-17		HIGH VIBRATION
DCPP	HRSG#1	55.00	50	0.00	0	05-Oct-17	11.57	05-Oct-17	21.02	PROBLEM IN LG.V (INLET GUIDE VANE)
DCPP	GT#1	110.00	100	0.00	0	05-Oct-17	12.16	05-Oct-17	14.35	PROBLEM IN LG.V (INLET GUIDE VANE)
Total(B) STATE SECTOR-FORCED OUTAGE		2552.50	2240.00	496.16	2051.00					

CENTRAL SECTOR

AURAIYA	GT#4	111.19	18	4.40	18	14-Sep-17	1.21			DUE TO LESS SUPPLY OF SPOT RING BY GAIL(AS INFORMED BY NTPC)
STPP(HAJAR)	2	500.00	5	1.20	5	30-Sep-17	21.10			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		611.19	23.00	5.60	23.00					
G.TOTAL				495.76	2074.00					

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 (\$).