



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

Power Position 10-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		
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	2025.64	1603.07	63.07	7.90	9252	7559	49.97	35.22
07-Oct-17	1895.69	1890.13	2028.58	1655.87	59.34	-2.91	8991	7844	49.95	40.98
08-Oct-17	1946.49	1895.40	2001.50	1672.43	21.65	20.49	9273	7812	49.98	25.02
09-Oct-17	1950.06	1841.42	2008.78	1620.28	48.23	7.92	9303	7566	49.98	52.10
10-Oct-17	1949.14	1794.15								
11-Oct-17										
12-Oct-17										
13-Oct-17										
14-Oct-17										
15-Oct-17										
16-Oct-17										
17-Oct-17										
18-Oct-17										
19-Oct-17										
20-Oct-17										
21-Oct-17										
22-Oct-17										
23-Oct-17										
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	63.07	22.57	9517.00	9016.00	50.00	162.66
MIN OF THE MONTH	1895.69	1794.15	1961.11	1603.07	21.65	-2.91	8991.00	7492.00	49.93	25.02
AVERAGE	1957.39	1925.29	2003.11	1744.73	38.89	8.26	9221.78	8124.22	49.96	71.96
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
		9-Oct-17		
1	KTPS (1240/1240)	172.95	133.00	134.22
2	STPS (1500/1500)	164.00	218.00	184.61
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	24.88
4	RAMGARH (273.5/273.5)	46.00	37.00	40.71
5	RAPP-A(200/200)	41.00	41.00	41.81
6	MAHI (140/140)	0.00	0.00	0.21
7	CHAMBAL (RPS+JS) (135.5/271)	29.00	24.50	19.92
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	155.12
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	285.00	284.00	279.03
11	WIND FARM (3980.40/4119.15)	48.75	56.00	52.10
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	42.13	31.01	31.01
16	BIOMASS – (101.95/119.25)	4.00	4.00	3.67
17	BARSINGHAR LTPS(250/250)	30.86	53.00	45.54
18	RAJWEST (1080/1080)	213.39	172.00	171.04
	TOTAL (A) : 1-18	1241.08	1217.51	1183.87
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	30.68	31.15	30.72
b)	DEHAR (198/ 990)	17.64	17.56	16.92
c)	PONG (231.66/396)	33.76	36.99	35.95
	TOTAL : a TO c	82.08	85.71	83.59
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	90.58	90.29	90.29
e)	RIHAND (310.24/3000)	118.65	117.68	117.54
f)	UNCHAHAHAR-I(20/420)	4.71	2.48	2.48
g)	UNCHAHAHAR-II& III(61/630)	44.00	33.39	33.39
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	20.11	9.44	9.44
j)	DADRI GAS (77/830)	16.01	4.35	17.96
k)	ANTA (83.07/419)	4.95	2.81	14.64
l)	AURAIYA (61.03/663)	2.99	1.84	62.70
m)	NAPP (44/440)	9.41	9.41	9.41
n)	RAPP-B (125/440)	33.33	33.33	33.33
o)	RAPP-C (88/440)	19.86	19.86	19.86
p)	SALAL (20.36/690)	1.95	1.96	2.03
q)	URI (70.37/720)	3.96	3.79	3.61
r)	TANAKPUR (10.86/94)	2.22	2.24	2.20
s)	CHAMERA –I (105.84/540)	7.49	7.49	7.49
t)	CHAMERA-II (29.01/300)	3.29	3.29	2.73
u)	CHAMERA-III (25.21/231)	2.58	2.58	2.19
v)	DHAULIGANGA (27/280)	3.68	3.72	3.38
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)	15.80	15.85	15.53
z)	TEHRI (75/1000)	5.18	5.11	5.18
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.36	6.44	10.01
ab)	TALA	2.29	2.29	2.29
ac)	MUNDRA UMPP (380/4000)	70.08	70.08	70.08
ad)	SASAN (372/3960)	58.08	58.08	58.08
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.69	26.10	26.10
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	668.78	630.06	715.98
	LOSSES	-22.09	-20.89	-27.33
	NET SCHEDULED	646.70	609.17	688.65
21	BILATERAL (REG.) EXCL. BANKING	8.56	8.56	8.56
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	67.17	110.16	79.41
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-42.13	-31.01	-31.01
25	INDIAN ENERGY EXCHANGE	27.76	31.08	31.08
	TOTAL(B): (19 TO 25)	708.06	732.54	776.69
	TOTAL GENERATION (A +B) : 1 TO 25			1960.56
	OVER DRAWAL (+)/UNDER DRAWAL (-)			48.23
	GRAND TOTAL	1949.14	1950.06	2008.78
	LAST YEAR	1794.15	1841.42	1620.28

3.SYSTEM PARAMETERS AS ON 09-Oct-17

MAXIMUM DRAWL ON 09-Oct-17	9303 MW at 07.15-07.30 Hrs 50.02 Hz
MINIMUM DRAWL ON 09-Oct-17	7175 MW at 3.45-04.00 Hrs 50.04 Hz
Max U/D of the day	405 MW at 09.00-09.15 HRS. 50.04 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	19
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
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	13
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	6
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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.	10-Oct-17	10-Oct-16		
Gandhi Sagar (Ft.)	1312	1250	1301.38	1311.90	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1144.68	1157.50	3408	NIL
Jawahar Sagar (Ft.)	980	970.4	973.50	975.70	4931	NIL
Kota Barrage(Ft.)	854.5	852.3	853.60	854.50		
RMC					5025	
LMC					200	
Bhakra(Ft.)	1690	1462	1666.66	1646.92	19529	14081
Dehar (Ft.)	2941	2900	2920.20	2917.65	4778	4854
Pong(Ft.)	1421	1260	1376.14	1365.00	12000	3700
Mahi-I (Mts.)	281.5	259	281.45	281.50	NA	NIL
Mahi-II (Mts.)	220.5	217	218.75	218.15	NA	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	9-Oct-17	49.98 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	897 MW at 19.30-19.45Hrs	50.00 Hz	10-Oct-17	KTPS	38804	1.5 Days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	6.70					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.41					
ABOVE 50.05 HZ	15.89					
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	106		10-Oct-17	STPS	6527	0.5 Days
No. of 132 KV Feeders Disconnected	0					
			10-Oct-17	CHHABRA	9573	3 Days
			10-Oct-17	KALISINDH	23224	0.5 Days

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

10-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)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP 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#3	130.19	22	5.30	22	07-Oct-17	12.25			DUE TO LESS DEMAND
DABRI	GT#4	130.19	22	5.30	22	06-Oct-17	14.18			DUE TO LESS DEMAND
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		545.08	82.00	19.80	82.00					

(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.
RAJWEST	4	135.00	120	0.00	0	03-Sep-17	1.58	09-Oct-17	21.10	M/T DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	10-Oct-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	10-Oct-17		INSUFFICIENT COAL STOCK
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	10-Oct-17		INSUFFICIENT COAL STOCK
KTPS	1	110.00	100	23.00	100	27-Sep-17	12.59	10-Oct-17		COAL SHORTAGE
KTPS	2	110.00	100	23.00	100	27-Sep-17	18.30	10-Oct-17		COAL SHORTAGE
CHHABRA	2	250.00	225	54.00	225	02-Oct-17	20.50	10-Oct-17		COAL SHORTAGE
RAJWEST	3	135.00	120	0.00	0	04-Oct-17	12.10	09-Oct-17	19.55	HEAVY BED MATERIAL LEAKAGE
RAMGARH	GT#1	37.50	29	7.00	29	05-Oct-17	2.13	10-Oct-17		HIGH VIBERATION
KALISINDBI	2	600.00	565	135.60	565	06-Oct-17	15.03	10-Oct-17		COAL SHORTAGE
KTPS	5	210.00	192	0.00	0	08-Oct-17	3.50	09-Oct-17	21.06	DRUM LEVEL LOW
RAMGARH	STG2	50.00	40	0.00	0	09-Oct-17	0.26	09-Oct-17	3.41	TURBINE BEARING TEMP. HIGH
RAMGARH	STG2	50.00	40	0.00	0	09-Oct-17	5.17	09-Oct-17	10.33	TURBINE BEARING TEMP. HIGH
STPS	2	250.00	229	55.00	229	09-Oct-17	13.03	10-Oct-17		DESYNCHRONIZED DUE TO NON AVAILABILITY OF COAL STOCK
Total(B) STATE SECTOR-FORCED OUTAGE		3222.50	2888.00	568.40	2376.00					

CENTRAL SECTOR

AURAIYA	GT#4	111.19	18	4.40	18	14-Sep-17	1.21			DUE TO LESS SUPPLY OF SPOT RLNG BY GAIL(AS INFORMED BY NTPC)
INSTPP(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				574.00	2399.00					

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 (\$).