



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

Power Position 11-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	2039.56	1591.97	61.02	30.32	9736	7572	49.97	55.92
11-Oct-17	2069.25	1743.44								
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	2069.25	2042.94	2039.94	1990.31	63.07	30.32	9736.00	9016.00	50.00	162.66
MIN OF THE MONTH	1895.69	1743.44	1961.11	1591.97	21.65	-2.91	8991.00	7492.00	49.93	25.02
AVERAGE	1966.71	1910.13	2006.75	1729.46	41.10	10.47	9273.20	8069.00	49.96	70.36
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
		10-Oct-17		
1	KTPS (1240/1240)	180.00	172.95	157.88
2	STPS (1500/1500)	155.95	164.00	166.04
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	25.35
4	RAMGARH (273.5/273.5)	31.00	46.00	41.95
5	RAPP-A(200/200)	41.00	41.00	41.81
6	MAHI (140/140)	0.00	0.00	2.20
7	CHAMBAL (RPS+JS) (135.5/271)	29.00	29.00	29.99
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	166.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	285.00	285.00	288.40
11	WIND FARM (3980.40/4119.15)	47.50	48.75	55.92
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.28
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	44.27	42.13	42.13
16	BIOMASS – (101.95/119.25)	3.00	4.00	3.29
17	BARSINGHAR LTPS(250/250)	53.00	30.86	36.68
18	RAJWEST (1080/1080)	229.00	213.39	192.04
	TOTAL (A) : 1-18	1262.72	1241.08	1250.70
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	29.36	30.68	30.54
b)	DEHAR (198/ 990)	16.84	17.64	15.02
c)	PONG (231.66/396)	30.24	33.76	29.86
	TOTAL : a TO c	76.45	82.08	75.43
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	90.29	90.58	90.89
e)	RIHAND (310.24/3000)	118.40	118.65	119.17
f)	UNCHAHAAR-I(20/420)	8.41	4.71	4.69
g)	UNCHAHAAR-II& III(61/630)	55.57	44.00	43.80
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	12.40	20.11	19.73
j)	DADRI GAS (77/830)	12.32	16.01	17.88
k)	ANTA (83.07/419)	27.61	4.95	14.78
l)	AURAIYA (61.03/663)	11.56	2.99	9.27
m)	NAPP (44/440)	9.60	9.41	9.41
n)	RAPP-B (125/440)	34.36	33.33	33.33
o)	RAPP-C (88/440)	20.58	19.86	19.86
p)	SALAL (20.36/690)	2.28	1.95	2.01
q)	URI (70.37/720)	3.45	3.96	3.64
r)	TANAKPUR (10.86/94)	2.18	2.22	2.19
s)	CHAMERA –I (105.84/540)	6.86	7.49	7.13
t)	CHAMERA-II (29.01/300)	2.44	3.29	3.15
u)	CHAMERA-III (25.21/231)	1.86	2.58	2.52
v)	DHAULIGANGA (27/280)	3.07	3.68	3.14
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)	15.68	15.80	15.45
z)	TEHRI (75/1000)	5.18	5.18	5.18
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	5.36	5.36	8.83
ab)	TALA	1.92	2.29	2.29
ac)	MUNDRA UMPP (380/4000)	70.08	70.08	70.08
ad)	SASAN (372/3960)	72.96	58.08	68.94
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.11	29.69	29.69
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	710.45	668.78	692.94
	LOSSES	-23.96	-22.09	-26.46
	NET SCHEDULED	686.49	646.70	666.48
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)	105.47	40.21	67.17
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	-44.27	-42.13	-42.13
25	INDIAN ENERGY EXCHANGE	50.27	27.76	27.76
	TOTAL(B): (19 TO 25)	806.53	708.06	727.84
	TOTAL GENERATION (A +B) : 1 TO 25			1978.54
	OVER DRAWAL (+)/UNDER DRAWAL (-)			61.02
	GRAND TOTAL	2069.25	1949.14	2039.56
	LAST YEAR	1743.44	1794.15	1591.98

3.SYSTEM PARAMETERS AS ON 10-Oct-17

MAXIMUM DRAWL ON 10-Oct-17	9736 MW at 07.15-07.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 10-Oct-17	7650 MW at 09.00-09.15 Hrs 50.06 Hz
Max U/D of the day	622 MW at 09.00-09.15 HRS. 50.06 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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	10
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	54
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	32
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	26
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	16
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	5
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.	11-Oct-17	11-Oct-16		
Gandhi Sagar (Ft.)	1312	1250	1301.38	1311.89	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1144.68	1157.48	6472	NIL
Jawahar Sagar (Ft.)	980	970.4	973.50	979.50	6562	NIL
Kota Barrage(Ft.)	854.5	852.3	853.60	854.50		
RMC					5025	
LMC					200	
Bhakra(Ft.)	1690	1462	1666.25	1646.32	18491	10512
Dehar (Ft.)	2941	2900	2922.57	2919.61	4120	4662
R.P.Sagar (Ft.)	1421	1260	1375.90	1364.79	10610	3970
Mahi-I (Mts.)	281.5	259	281.45	281.50	NA	NIL
Mahi-II (Mts.)	220.5	217	218.75	219.90	NA	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
11-Oct-17	KTPS	48254	2.5 DAYS
	STPS	2865	0.5 DAY
	CHHABRA	23727	3 DAYS
	KALISINDH	8734	0.5 DAYS

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

11-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 RUVNL 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 RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)	
KTPS	7	195.00	175	0.00	0	24-Sep-17	11.35	11-Oct-17	7.40	DUE TO COAL SHORTAGE & SHUT DOWN FOR 15 DAYS
Total(A) STATE SECTOR- PLANNED OUTAGE		485.00	395.00	52.80	220.00					

CENTRAL SECTOR

DABRI	GT#2	130.19	22	5.30	22	09-Sep-17	23.45			LOH INSPECTION FOR 4000HRS
ISTPP(HAJAR)	2	500.00	5	1.20	5	30-Sep-17	21.10			COAL SHORTAGE
Total(B)CENTRAL SECTOR- PLANNED OUTAGE		630.19	27.00	6.50	27.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	31-Oct-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	15-Oct-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	15-Oct-17		INSUFFICIENT COAL STOCK
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	11-Oct-17		INSUFFICIENT COAL STOCK
KTPS	1	110.00	100	23.00	100	27-Sep-17	12.59	15-Oct-17		COAL SHORTAGE
KTPS	2	110.00	100	23.00	100	27-Sep-17	18.30	15-Oct-17		COAL SHORTAGE
CHHABRA	2	250.00	225	54.00	225	02-Oct-17	20.50	15-Oct-17		COAL SHORTAGE
RAMGARH	GT#1	37.50	29	7.00	29	05-Oct-17	2.13	15-Oct-17		HIGH VIBRATION
KALISINDH	2	600.00	565	135.00	565	06-Oct-17	15.03	15-Oct-17		COAL SHORTAGE
STPS	2	250.00	229	55.00	229	09-Oct-17	13.03	11-Oct-17		DESYNCHRONIZED DUE TO NON AVAILABILITY OF COAL STOCK
KTPS	5	210.00	192	0.00	0	10-Oct-17	8.39	10-Oct-17	18.44	MASTER FUEL RELAY OPERATED
RAMGARH	STG#1	37.50	10	3.00	10	10-Oct-17	15.25	11-Oct-17		MANUALLY TRIPPED DUE TO LEAKAGE IN HRSG#2
RAMGARH	STG#2	50.00	40	9.60	40	10-Oct-17	19.55	11-Oct-17		TURBINE TEMP. VERY HIGH
Total(B) STATE SECTOR-FORCED OUTAGE		2940.00	2618.00	581.00	2426.00					

CENTRAL SECTOR

AURAIYA	GT#4	111.19	18	0.00	0	14-Sep-17	1.21	04-Oct-17	11.56	DUE TO LESS SUPPLY OF SPOT RING BY GAIL(AS INFORMED BY NTPC)
DABRI	GT#6	154.51	16	3.90	16	21-Sep-17	0.03			MAINTENANCE OF GENERATOR FIELDS
DABRI	GT#4	130.19	22	5.30	22	06-Oct-17	14.18			RESERVED SHUTDOWN
DABRI	GT#3	130.19	22	5.30	22	07-Oct-17	12.25			RESERVED SHUTDOWN
Total(B)CENTRAL SECTOR- FORCED OUTAGE		526.08	78.00	14.50	60.00					
G.TOTAL			595.50	2486.00						

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 (S).