



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

Power Position 09-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								
10-Oct-17										
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	1826.04	1961.11	1603.07	21.65	-2.91	8991.00	7492.00	49.93	25.02
AVERAGE	1958.21	1938.40	2002.40	1760.29	37.72	8.31	9211.63	8194.00	49.96	74.45
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 From Different Sources

XEN(LD)-68

(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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	142.00	142.00	146.63	117.00	142.00	149.24	133.00	117.00	136.09
2	STPS (1500/1500)	218.00	164.00	166.40	218.00	218.00	214.59	218.00	218.00	209.15
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	18.96	0.00	0.00	28.05	0.00	0.00	30.91
4	RAMGARH (273.5/273.5)	46.00	46.00	45.75	46.00	46.00	42.74	37.00	46.00	41.29
5	RAPP-A(200/200)	41.00	40.00	41.92	41.00	41.00	41.89	41.00	41.00	41.94
6	MAHI (140/140)	0.00	0.00	7.44	0.00	0.00	6.65	0.00	0.00	9.26
7	CHAMBAL (RPS+JS) (135.5/271)	24.50	24.50	29.45	24.50	24.50	23.81	24.50	24.50	19.59
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	150.00	136.00	140.39	150.00	150.00	156.53	164.00	150.00	166.91
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	328.00	309.72	284.00	284.00	282.02	284.00	284.00	283.23
11	WIND FARM (3980.40/4119.15)	19.75	22.75	35.22	37.25	19.75	40.98	56.00	37.25	25.02
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.60	0.00	0.00	1.93	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	35.38	31.60	31.60	47.56	35.38	35.38	31.01	47.56	22.71
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.54	4.00	5.00	4.08	4.00	4.00	4.21
17	BARSINGH SAR LTPS(250/250)	53.00	53.00	49.84	53.00	53.00	51.26	53.00	53.00	51.59
18	RAJWEST (1080/1080)	172.00	172.00	172.71	172.00	172.00	171.81	172.00	172.00	173.37
	TOTAL (A) : 1-18	1190.63	1164.85	1201.17	1194.31	1190.63	1250.95	1217.51	1194.31	1215.26
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	31.66	31.55	31.36	31.72	31.66	31.72	31.15	31.72	31.27
b)	DEHAR (198/ 990)	17.96	17.96	18.18	17.80	17.96	17.87	17.56	17.80	17.43
c)	PONG (231.66/396)	40.99	39.75	40.42	40.42	40.99	39.66	36.99	40.42	39.56
	TOTAL : a TO c	90.61	89.26	89.96	89.94	90.61	89.25	85.71	89.94	88.26
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	90.29	91.19	91.11	90.29	90.29	90.29	90.29	90.29	90.29
e)	RIHAND (310.24/3000)	118.40	125.00	124.91	105.44	118.40	118.40	117.68	105.44	109.01
f)	UNCHAHAAR-I(20/420)	6.69	6.69	6.69	3.14	6.69	6.84	2.48	3.14	3.08
g)	UNCHAHAAR-II& III(61/630)	44.33	44.18	44.20	40.58	44.33	44.89	33.39	40.58	40.12
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.12	9.45	10.54	11.32	14.12	13.30	9.44	11.32	10.26
j)	DADRI GAS (77/830)	4.31	5.45	7.23	15.69	4.31	4.96	4.35	15.69	9.48
k)	ANTA (83.07/419)	2.09	2.92	7.30	8.84	2.09	12.92	2.81	8.84	11.10
l)	AURAIYA (61.03/663)	0.00	1.14	20.00	4.14	0.00	2.54	1.84	4.14	7.27
m)	INAPP (44/440)	9.24	9.24	9.24	9.26	9.24	9.24	9.41	9.26	9.26
n)	RAPP-B (125/440)	33.33	33.41	33.41	33.24	33.33	33.33	33.33	33.24	33.24
o)	RAPP-C (88/440)	20.10	20.10	20.10	20.10	20.10	20.10	19.86	20.10	20.10
p)	SALAL (20.36/690)	2.27	2.26	2.28	2.14	2.27	2.06	1.96	2.14	2.04
q)	URI (70.37/720)	4.56	4.60	4.26	4.13	4.56	3.97	3.79	4.13	3.97
r)	TANAKPUR (10.86/94)	2.35	2.48	2.40	2.24	2.35	2.28	2.24	2.24	2.22
s)	CHAMERA –I (105.84/540)	7.14	7.84	7.84	7.49	7.14	7.49	7.49	7.49	7.49
t)	CHAMERA-II (29.01/300)	3.48	3.63	3.39	3.36	3.48	3.29	3.29	3.36	3.36
u)	CHAMERA-III (25.21/231)	2.58	2.66	2.84	2.58	2.58	2.58	2.58	2.58	2.58
v)	DHAULIGANGA (27/280)	3.72	3.88	3.53	3.72	3.72	3.72	3.72	3.72	3.53
w)	DULHASTI (42.42/390)	10.09	10.09	10.09	10.09	10.09	10.09	10.09	10.09	10.09
x)	SEWA (13/120)	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	16.35	15.61	16.57	16.45	16.35	16.44	15.85	16.45	15.78
z)	TEHRI (75/1000)	5.18	5.18	5.18	5.29	5.18	5.18	5.11	5.29	5.18
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.90	5.90	9.45	6.97	5.90	10.40	6.44	6.97	10.47
ab)	TALA	2.44	2.67	2.67	2.22	2.44	2.44	2.29	2.22	2.22
ac)	MUNDRA UMPP (380/4000)	70.08	70.08	70.08	70.08	70.08	70.08	70.08	70.08	70.08
ad)	SASAN (372/3960)	71.39	72.96	72.96	58.08	71.39	72.08	58.08	58.08	58.08
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.94	22.99	22.99	31.62	26.94	26.94	26.10	31.62	31.53
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	668.34	671.25	701.61	658.82	668.34	685.48	630.06	658.82	660.47
	LOSSES	-22.79	-22.75	-27.69	-22.18	-22.79	-27.00	-20.89	-22.18	-25.85
	NET SCHEDULED	645.55	648.51	673.92	636.64	645.55	658.48	609.17	636.64	634.62
21	BILATERAL (REG.) EXCL. BANKING	8.55	8.55	8.68	8.55	8.55	8.84	8.56	8.55	8.07
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	85.94	110.13	100.50	114.59	81.13	85.94	114.74	84.94	104.65
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-35.38	-31.60	-31.60	-47.56	-35.38	-35.38	-31.01	-47.56	-22.71
25	INDIAN ENERGY EXCHANGE	0.40	9.91	9.91	39.95	0.40	0.40	31.08	39.95	39.95
	TOTAL(B): (19 TO 25)	705.07	749.96	761.40	752.18	705.07	718.29	732.54	752.18	764.59
	TOTAL GENERATION (A +B) : 1 TO 25			1962.58			1969.24			1979.85
	OVER DRAWAL (+)/UNDER DRAWAL (-)			63.07			59.34			21.65
	GRAND TOTAL	1895.69	1914.81	2025.64	1946.49	1895.69	2028.58	1950.06	1946.49	2001.51
	LAST YEAR	1890.13	1826.04	1603.07	1895.40	1890.13	1655.87	1841.42	1895.40	1672.43

3.SYSTEM PARAMETERS AS ON 08-Oct-17

MAXIMUM DRAWL ON 08-Oct-17	9273 MW at 07.00-07.15 Hrs 49.94 Hz
MINIMUM DRAWL ON 08-Oct-17	7505 MW at 17.30-17.45 Hrs 49.95 Hz
Max U/D of the day	272 MW at 03.30-03.45 HRS. 49.98 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	12
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	39
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	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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.	9-Oct-17	9-Oct-16		
Gandhi Sagar (Ft.)	1312	1250	1301.39	1311.90	NA	870
R.P.Sagar (Ft.)	1157.5	1128	1145.60	1157.26	3236	NIL
Jawahar Sagar (Ft.)	980	970.4	973.90	976.80	5240	1025
Kota Barrage(Ft.)	854.5	852.3	853.50	854.50		
RMC					3025	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1666.94	1647.61	20092	14643
Dehar (Ft.)	2941	2900	2920.86	2918.89	4848	5013
Pong(Ft.)	1421	1260	1376.41	1365.20	13111	3981
Mahi-I (Mts.)	281.5	259	281.45	281.50	1281	NIL
Mahi-II (Mts.)	220.5	217	219.40	218.40	1252	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY 8-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	617 MW at 05.00-05.15Hrs 50.01 Hz		9-Oct-17	KTPS	31071	1 DAY
Frequency Profile	% of Time			STPS	7344	0.5 DAY
LESS THAN 49.7 HZ	0.00			CHHABRA	22188	3 DAYS
LESS THAN 49.90 HZ	8.48			KSALISINDH	10069	1 DAY
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.31					
ABOVE 50.05 HZ	12.21					
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	71					
No. of 132 KV Feeders Disconnected	0					

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

9-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	HRS02*	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	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 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	EOH 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	28.68	120	03-Sep-17	1.58	09-Oct-17	M/T DUE TO HEAVY BED MATERIAL LEAKAGE	
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	09-Oct-17	INSUFFICIENT COAL STOCK	
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	09-Oct-17	INSUFFICIENT COAL STOCK	
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	09-Oct-17	INSUFFICIENT COAL STOCK	
KTPS	1	110.00	100	23.00	100	27-Sep-17	12.59	09-Oct-17	COAL SHORTAGE	
KTPS	2	110.00	100	23.00	100	27-Sep-17	18.30	09-Oct-17	COAL SHORTAGE	
CHHABRA	2	250.00	225	54.00	225	02-Oct-17	20.50	09-Oct-17	COAL SHORTAGE	
RAJWEST	3	135.00	120	28.68	120	04-Oct-17	12.10	09-Oct-17	HEAVY BED MATERIAL LEAKAGE	
RAMGARH	GT#1	37.50	29	7.00	29	05-Oct-17	2.13	09-Oct-17	HIGH VIBRATION	
KALISINDH	2	600.00	565	135.60	565	06-Oct-17	15.03	09-Oct-17	COAL SHORTAGE	
KTPS	5	210.00	192	46.00	192	08-Oct-17	3.50		DRUM LEVEL LOW	
RAMGARH	STG2	50.00	40	0.00	0	08-Oct-17	18.10	08-Oct-17	23.41	TURBINE BEARING TEMP. HIGH
RAMGARH	STG2	50.00	40	1.20	40	09-Oct-17	0.26	09-Oct-17	3.41	TURBINE BEARING TEMP. HIGH
RAMGARH	STG2	50.00	40	7.60	40	09-Oct-17	5.17			TURBINE BEARING TEMP. HIGH
Total(B) STATE SECTOR-FORCED OUTAGE		3022.50	2699.00	625.56	2699.00					

CENTRAL SECTOR

AURMYA	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)	
INSTP(JHAJJAR)	2	500.00	5	1.20	5	30-Sep-17	21.10		BOILER TUBE LEAKAGE	
RHIND	1	500.00	58	0.00	0	08-Oct-17	6.52	08-Oct-17	17.06	STARTER WATER LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1111.19	81.00	5.60	23.00					
G.TOTAL				631.16	2682.00					

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 (\$).