



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

Power Position 05-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	2052.07	2034.37	1961.11	1990.31	24.09	22.57	9517	8968	50.00	144.93
1-Oct-17	1955.19	2042.94	2012.63	1890.88	39.62	8.14	9262	9016	49.97	162.66
2-Oct-17	1952.76	1977.65	1967.29	1867.72	40.89	1.81	9222	8471	49.93	90.25
3-Oct-17	1938.48	1989.21	1982.51	1796.01	24.27	-2.17	9115	8390	49.94	56.48
4-Oct-17	1959.56	1870.85								
5-Oct-17										
6-Oct-17										
7-Oct-17										
8-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	2012.63	1990.31	40.89	22.57	9517.00	9016.00	50.00	162.66
MIN OF THE MONTH	1938.48	1870.85	1961.11	1796.01	24.09	-2.17	9115.00	8390.00	49.93	56.48
AVERAGE	1979.18	1988.50	1980.89	1886.23	32.22	7.59	9279.00	8711.25	49.96	113.58
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.)	6-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	4-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							448.85	4-Aug-17		

2. Anticipated Availability/Generation 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
		4-Oct-17		
1	KTPS (1240/1240)	134.00	134.00	147.37
2	STPS (1500/1500)	164.00	164.00	161.18
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	21.01
4	RAMGARH (273.5/273.5)	46.00	46.00	43.14
5	RAPP-A(200/200)	40.00	40.00	41.82
6	MAHI (140/140)	0.00	0.00	6.62
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	18.78	16.65
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	136.00	136.00	141.29
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	340.00	199.00	229.19
11	WIND FARM (3980.40/4119.15)	31.75	92.00	56.48
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.64
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	47.26	18.32	18.32
16	BIOMASS – (101.95/119.25)	5.00	6.00	4.80
17	BARSINGHAR LTPS(250/250)	53.00	53.00	50.68
18	RAJWEST (1080/1080)	172.00	200.00	185.45
	TOTAL (A) : 1-18	1169.01	1107.10	1127.64
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	32.08	32.14	32.14
b)	DEHAR (198/ 990)	18.42	20.18	19.86
c)	PONG (231.66/396)	45.46	45.46	45.46
	TOTAL : a TO c	95.96	97.78	97.46
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	90.36	90.65	90.60
e)	RIHAND (310.24/3000)	118.42	118.64	118.64
f)	UNCHAHAHAR-I(20/420)	6.69	6.69	6.69
g)	UNCHAHAHAR-II& III(61/630)	44.18	39.96	39.59
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-I (43.22/980) + DADRI-TH	9.46	9.45	9.45
j)	DADRI GAS (77/830)	14.80	11.76	11.27
k)	ANTA (83.07/419)	16.38	19.05	21.50
l)	AURAIYA (61.03/663)	11.54	4.51	7.44
m)	NAPP (44/440)	9.31	9.38	9.38
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)	2.35	2.33	2.33
q)	URI (70.37/720)	5.00	5.09	4.67
r)	TANAKPUR (10.86/94)	2.46	2.50	2.45
s)	CHAMERA –I (105.84/540)	7.84	7.84	7.84
t)	CHAMERA-II (29.01/300)	3.56	3.68	3.17
u)	CHAMERA-III (25.21/231)	2.52	2.56	2.56
v)	DHAULIGANGA (27/280)	3.88	3.70	3.70
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)	17.50	17.60	17.03
z)	TEHRI (75/1000)	5.85	5.85	5.85
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	9.72	10.53	9.73
ab)	TALA	2.89	2.94	2.94
ac)	MUNDRA UMPP (380/4000)	70.08	70.08	70.08
ad)	SASAN (372/3960)	72.96	58.32	64.56
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.83	22.99	22.99
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	710.54	687.87	695.90
	LOSSES	-27.88	-26.94	-27.31
	NET SCHEDULED	682.66	660.93	668.59
21	BILATERAL (REG.) EXCL. BANKING	9.51	9.51	8.83
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.59	109.69	106.83
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-47.26	-18.32	-18.32
25	INDIAN ENERGY EXCHANGE	31.06	64.67	64.67
	TOTAL(B): (19 TO 25)	790.55	831.38	830.60
	TOTAL GENERATION (A +B) : 1 TO 25			1958.24
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.27
	GRAND TOTAL	1959.56	1938.47	1982.51
	LAST YEAR	1870.85	1989.21	1796.01

3. SYSTEM PARAMETERS AS ON 04-Oct-17

MAXIMUM DRAWL ON 04-Oct-17	9115 MW at 7.00-7.15Hrs 50.00 Hz
MINIMUM DRAWL ON 04-Oct-17	7266 MW at 10.30-10.45 Hrs 49.87 Hz
Max U/D of the day	423 MW at 0.00HRS. 50.00'
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	13
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	63
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	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	11
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
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	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 4-Oct-17	49.94 Hz
Max O/D of the day	692 MW at 6.15Hrs 50.00 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	24.61
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.12
ABOVE 50.05 HZ	4.27
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	223
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.	5-Oct-17	5-Oct-16	4-Oct-17	4-Oct-17
Gandhi Sagar (Ft.)	1312	1250	1301.40	1311.56	NA	870
R.P.Sagar (Ft.)	1157.5	1128	1145.80	1156.84	NA	NIL
Jawahar Sagar (Ft.)	980	970.4	973.90	978.20	NA	1025
Kota Barrage(Ft.)	854.5	852.3	853.55	854.20		
RMC					3025	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1668.23	1648.77	20900	14284
Dehar (Ft.)	2941	2900	2922.04	2920.66	5051	5396
Pong(Ft.)	1421	1260	1377.86	1365.73	16040	4696
Mahi-I (Mts.)	281.5	259	281.45	281.50	1370	NIL
Mahi-II (Mts.)	220.5	217	218.70	219.85	1038	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
5/Oct/17	KTPS	24998	1 DAY
	STPS	23358	1 DAY
	CHHABRA	16637	2 DAYS
	KALISINDH	1925	0 DAY

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

5/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	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

DADRI	GT#2	130.19	22	5.30	22	9-Sep-17	23.45			EOH INSPECTION FOR 4000HRS
DADRI	GT#6	154.51	16	3.90	16	21-Sep-17	0.03			DUE TO LESS DEMAND
DADRI	GT#4	130.19	22	5.30	22	26-Sep-17	21.44			LESS DEMAND
Total(A) CENTRAL SECTOR-PLANNED OUTAGE		414.89	60.00	14.50	60.00					

(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	16-Oct-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4
RAMGARHI	GT#1	37.50	29	0.00	0	1-Jul-17	12.19	5-Oct-17	1.27	HIGH VIBRATION
ADANI	2	660.00	600	0.00	0	19-Aug-17	6.02	4-Oct-17	15.54	BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE/ FROM 21.08.17 DUE TO COAL SHORTAGE)
RAJWEST	4	135.00	120	28.68	120	3-Sep-17	1.58	5-Oct-17		MT DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	5-Oct-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	5-Oct-17		INSUFFICIENT COAL STOCK
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	5-Oct-17		INSUFFICIENT COAL STOCK
KTPS	1	110.00	100	23.00	100	27-Sep-17	12.59	5-Oct-17		COAL SHORTAGE
KTPS	2	110.00	100	23.00	100	27-Sep-17	18.30	5-Oct-17		COAL SHORTAGE
STPS	5	250.00	229	55.00	229	28-Sep-17	16.43	5-Oct-17		Boiler tube leakage
CHHABRA	2	250.00	225	54.00	225	2-Oct-17	20.50	5-Oct-17		COAL SHORTAGE
RAJWEST	3	135.00	120	28.68	120	4-Sep-17	12.10	5-Oct-17		HEAVY BAD MATERIAL LEAKAGE
RAMGARHI	GT#1	37.50	29	7.00	29	5-Oct-17	2.13	5-Oct-17		HIGH VIBRATION
Total(B) STATE SECTOR-FORCED OUTAGE		3010.00	2680.00	490.16	2051.00					

CENTRAL SECTOR

AURAIYA	GT#4	111.19	18	4.40	18	14-Sep-17	1.21			DUE TO LESS SUPPLY OF SPOT RLNG BY GAILAS INFORMED BY NTPC)
DADRI-II	1	490.00	15	3.59	15	24-Sep-17	23.03	24-Sep-17	1.43	BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		601.19	33.00	7.99	33.00					
G.TOTAL			498.15	2084.00						

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 (\$).