



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

Power Position 16-Oct-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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										
1-Oct-17	2052.07	2034.37	1961.11	1990.31	24.09	22.57	9517	8968	50.00	144.93
2-Oct-17	1955.19	2042.94	2012.63	1890.88	39.62	8.14	9262	9016	49.97	162.66
3-Oct-17	1952.76	1977.65	1967.29	1867.72	40.89	1.81	9222	8471	49.93	90.25
4-Oct-17	1938.48	1989.21	1982.51	1796.01	24.27	-2.17	9115	8390	49.94	56.48
5-Oct-17	1959.56	1870.85	2039.94	1606.02	28.82	10.63	9061	7492	49.94	40.02
6-Oct-17	1914.81	1826.04	2025.64	1603.07	63.07	7.90	9252	7559	49.97	35.22
7-Oct-17	1895.69	1890.13	2028.58	1655.87	59.34	-2.91	8991	7844	49.95	40.98
8-Oct-17	1946.49	1895.40	2001.50	1672.43	21.65	20.49	9273	7812	49.98	25.02
9-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	2087.98	1612.83	14.62	28.33	9714	7336	49.96	49.30
12-Oct-17	2121.39	1677.86	2086.36	1663.90	9.99	31.90	10367	7852	49.96	35.37
13-Oct-17	1980.25	1685.28	2045.16	1685.45	48.44	37.61	9737	7521	49.94	35.18
14-Oct-17	1997.02	1598.00	2062.21	1697.62	17.68	38.99	10284	7823	49.97	101.33
15-Oct-17	2016.51	1714.81	2009.55	1753.49	16.98	23.71	10188	8156	49.99	80.83
16-Oct-17	1978.73	1877.15								
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	2121.39	2042.94	2087.98	1990.31	63.07	38.99	10367.00	9016.00	50.00	162.66
MIN OF THE MONTH	1895.69	1598.00	1961.11	1591.97	9.99	-2.91	8991.00	7336.00	49.93	25.02
AVERAGE	1982.02	1851.45	2023.92	1713.86	34.58	17.68	9534.80	7958.53	49.96	67.04
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)							10367	(07.00-07.15 Hrs.)	12-Oct-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10367	(07.00-07.15Hrs.)	12-Oct-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	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)	197.00	222.00	199.19	170.00	197.00	175.17	170.00	170.00	174.77
2	STPS (1500/1500)	164.00	164.00	162.44	164.00	164.00	145.17	164.00	164.00	138.32
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	26.36	0.00	0.00	25.86	0.00	0.00	24.71
4	RAMGARH (273.5/273.5)	49.00	50.00	44.20	48.00	49.00	46.39	48.00	48.00	43.33
5	RAPP-A(200/200)	41.00	41.00	41.73	41.00	41.00	41.85	41.00	41.00	41.94
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	31.50	31.08	40.24	36.00	31.50	34.01	36.00	36.00	40.72
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)	164.00	164.00	171.90	164.00	164.00	229.34	164.00	164.00	239.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	285.00	285.00	284.13	285.00	285.00	276.23	285.00	285.00	263.17
11	WIND FARM (3980.40/4119.15)	96.00	47.50	35.18	130.50	96.00	101.33	56.50	130.50	80.83
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.95	0.00	0.00	2.10	0.00	0.00	3.52
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	53.92	53.39	53.39	45.95	53.92	53.92	57.47	45.95	45.95
16	BIOMASS – (101.95/119.25)	6.00	4.00	6.21	6.00	6.00	6.21	6.00	6.00	6.42
17	BARSINGHAR LTPS(250/250)	53.00	53.00	51.45	35.00	53.00	37.46	53.00	35.00	45.60
18	RAJWEST (1080/1080)	143.00	137.00	149.08	172.00	143.00	151.63	172.00	172.00	160.02
	TOTAL (A) : 1-18	1283.42	1251.97	1268.45	1297.45	1283.42	1326.67	1252.97	1297.45	1309.03
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	25.45	26.63	25.12	25.50	25.45	25.39	21.67	25.50	24.85
b)	DEHAR (198/ 990)	13.84	15.00	14.72	14.56	13.84	14.96	12.96	14.56	13.45
c)	PONG (231.66/396)	39.47	41.75	38.24	44.88	39.47	44.41	39.18	44.88	39.09
	TOTAL : a TO c	78.76	83.38	78.08	84.94	78.76	84.76	73.81	84.94	77.39
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	90.29	89.78	88.93	90.80	90.29	90.29	90.29	90.80	90.80
e)	RIHAND (310.24/3000)	110.82	118.40	115.29	120.34	110.82	110.82	118.40	120.34	120.34
f)	UNCHAHAAR-I(20/420)	3.03	3.02	3.08	2.83	3.03	2.58	2.32	2.83	1.50
g)	UNCHAHAAR-II& III(61/630)	33.44	34.88	35.28	36.73	33.44	31.16	32.23	36.73	20.23
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	11.00	11.51	11.51	9.03	11.00	8.13	8.10	9.03	4.08
j)	DADRI GAS (77/830)	2.64	2.99	10.49	3.17	2.64	3.44	2.53	3.17	3.77
k)	ANTA (83.07/419)	0.00	1.91	8.09	0.34	0.00	1.37	2.54	0.34	2.97
l)	AURAIYA (61.03/663)	0.49	1.10	7.73	0.00	0.49	1.33	0.00	0.00	1.13
m)	NAPP (44/440)	9.12	9.36	9.36	9.07	9.12	9.12	9.36	9.07	9.07
n)	RAPP-B (125/440)	33.33	33.24	33.24	33.50	33.33	33.33	33.50	33.50	33.50
o)	RAPP-C (88/440)	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58
p)	SALAL (20.36/690)	1.90	1.92	1.83	1.57	1.90	1.32	1.15	1.57	1.28
q)	URI (70.37/720)	3.41	3.36	3.01	3.51	3.41	3.34	3.03	3.51	3.14
r)	TANAKPUR (10.86/94)	1.89	1.95	1.89	1.86	1.89	1.87	1.80	1.86	1.84
s)	CHAMERA –I (105.84/540)	6.08	6.51	6.51	6.08	6.08	6.08	6.08	6.08	6.08
t)	CHAMERA-II (29.01/300)	2.71	2.71	2.52	2.61	2.71	2.61	2.49	2.61	2.52
u)	CHAMERA-III (25.21/231)	2.02	2.02	2.02	1.94	2.02	1.93	1.92	1.94	1.84
v)	DHAULIGANGA (27/280)	2.94	2.94	2.75	3.07	2.94	2.65	2.60	3.07	2.75
w)	DULHASTI (42.42/390)	8.70	9.57	8.70	8.70	8.70	8.16	7.94	8.70	7.61
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)	15.20	15.20	14.41	15.01	15.20	14.43	14.83	15.01	14.23
z)	TEHRI (75/1000)	5.48	5.18	4.93	5.18	5.48	5.48	5.18	5.18	5.18
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	8.70	5.36	8.79	5.36	8.70	8.60	5.36	5.36	8.70
ab)	TALA	2.64	2.64	2.64	2.47	2.64	2.64	2.22	2.47	2.47
ac)	MUNDRU UMPP (380/4000)	70.08	70.08	70.08	69.84	70.08	70.08	69.84	69.84	69.84
ad)	SASAN (372/3960)	71.76	71.88	71.88	79.74	71.76	75.54	87.48	79.74	82.75
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.26	29.06	29.06	28.41	27.26	27.09	26.81	28.41	19.05
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)	624.63	640.91	653.06	647.08	624.63	629.11	632.76	647.08	615.04
	LOSSES	-24.10	-21.66	-25.10	-21.81	-24.10	-24.30	-22.89	-21.81	-24.00
	NET SCHEDULED	600.53	619.25	627.96	625.27	600.53	604.81	609.87	625.27	591.04
21	BILATERAL (REG.) EXCL. BANKING	7.48	8.21	7.39	7.85	7.48	7.48	7.79	7.85	7.05
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)	92.44	79.46	95.38	103.27	67.06	92.44	103.24	77.68	102.77
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-53.92	-53.39	-53.39	-45.95	-53.92	-53.92	-57.47	-45.95	-45.95
25	INDIAN ENERGY EXCHANGE	67.06	50.94	50.94	28.62	67.06	67.06	62.33	28.62	28.62
	TOTAL(B): (19 TO 25)	713.60	728.28	728.28	719.06	713.60	717.88	725.75	719.06	683.53
	TOTAL GENERATION (A +B) : 1 TO 25			1996.73			2044.55			1992.57
	OVER DRAWAL (+)/UNDER DRAWAL (-)			48.44			17.68			16.98
	GRAND TOTAL	1997.02	1980.25	2045.17	2016.51	1997.02	2062.23	1978.73	2016.51	2009.55
	LAST YEAR	1598.00	1685.26	1685.43	1714.81	1598.00	1697.61	1877.15	1714.81	1753.49

3.SYSTEM PARAMETERS AS ON 15-Oct-17

MAXIMUM DRAWL ON 15-Oct-17	10188 MW at 07.00-07.15 Hrs 50.03Hz
MINIMUM DRAWL ON 15-Oct-17	7441 MW at 17.00-17.15 Hrs 49.99 Hz
Max U/D of the day	526 MW at 09.30HRS. 49.93 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	3
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	46
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	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
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 15-Oct-17	49.99 Hz
Max O/D of the day	624 MW at 06.30 Hrs 50.04 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.92
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.07
ABOVE 50.05 HZ	12.01
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	0
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.	16-Oct-17	16-Oct-16	15-Oct-17	15-Oct-17
Gandhi Sagar (Ft.)	1312	1250	1301.04	1311.82	4422	167
R.P.Sagar (Ft.)	1157.5	1128	1144.11	1157.12	7041	4987
Jawahar Sagar (Ft.)	980	970.4	975.70	977.20	11049	6157
Kota Barrage(Ft.)	854.5	852.3	853.00	853.60		
RMC					1000	
LMC					5550	
Bhakra(Ft.)	1690	1462	1665.42	1647.52	15574	11098
Dehar (Ft.)	2941	2900	2918.43	2520.70	4097	3927
Pong(Ft.)	1421	1260	1374.41	1365.20	16007	3280
Mahi-I (Mts.)	281.5	259	281.45	281.50	NA	NIL
Mahi-II (Mts.)	220.5	217	216.90	219.00	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
16/Oct/17	KTPS	39861	2 DAYS
	STPS	23904	1 DAY
	CHHABRA	24086	3 DAYS
	KALISINDH	24449	2 DAYS

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

16/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	HRSRG2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP/PERMISSION GIVEN BY RVNVL 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 RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
Total(A) STATE SECTOR- PLANNED OUTAGE		290.00	220.00	52.80	220.00				
CENTRAL SECTOR									
DADRI	GT#2	130.19	22	5.30	22	9-Sep-17	23.45		EOH INSPECTION FOR 4000HRS
ISTPP(JHAIJAR)	2	500.00	5	1.20	5	30-Sep-17	21.10		COAL SHORTAGE
UNCHAHAR	2	210.00	11	2.70	11	8-Oct-17	12.22		COAL SHORTAGE
DADRI	GT#3	130.19	22	5.30	22	13-Oct-17	23.59		RESERVED SHUTDOWN
DADRI	GT#4	130.19	22	5.30	22	13-Oct-17	23.59		RESERVED SHUTDOWN
Total(A)CENTRAL SECTOR- PLANNED OUTAGE		1100.57	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	31-Oct-17	DESYNCRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	16-Oct-17	INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	16-Oct-17	INSUFFICIENT COAL STOCK
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	30-Oct-17	INSUFFICIENT COAL STOCK
KTPS	1	110.00	100	23.00	100	27-Sep-17	12.59	16-Oct-17	COAL SHORTAGE
KTPS	2	110.00	100	23.00	100	27-Sep-17	18.30	16-Oct-17	COAL SHORTAGE
CHHABRA	2	250.00	225	54.00	225	2-Oct-17	20.50	16-Oct-17	COAL SHORTAGE
KALISINDH	2	600.00	565	135.00	565	6-Oct-17	15.03	16-Oct-17	COAL SHORTAGE
STPS	2	250.00	229	55.00	229	9-Oct-17	13.03	16-Oct-17	DESYNCRONIZED DUE TO NON AVAILABILITY OF COAL STOCK
RAIWEST	3	135.00	120	28.68	120	13-Oct-17	1.03	16-Oct-17	HEAVY BED MATERIAL LEAKAGE
RAIWEST	8	135.00	120	28.68	120	13-Oct-17	4.26	16-Oct-17	TURBINE SIDE OIL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2875.00	2587.00	618.76	2587.00				

CENTRAL SECTOR

DADRI	GT#6	154.51	16	3.90	16	21-Sep-17	0.03		MAINTENANCE OF GENERATOR FIELDS
AURIYA	GT#3	111.19	18	4.40	18	14-Oct-17	14.11		DUE TO SHOTAGE OF GAS/FUEL
AURIYA	GT#6	109.30	12	2.90	12	14-Oct-17	14.23		DUE TO SHOTAGE OF GAS/FUEL
AURIYA	GT#4	111.19	18	4.40	18	14-Oct-17	14.29		DUE TO SHOTAGE OF GAS/FUEL
ANTA	GT#3	88.71	31	7.50	81	14-Oct-17	14.50		DUE TO SHOTAGE OF GAS/FUEL
AURIYA	GT#1	111.19	18	4.40	18	14-Oct-17	16.59		DUE TO SHOTAGE OF GAS/FUEL
Total(B)CENTRAL SECTOR- FORCED OUTAGE		686.09	113.00	27.50	163.00				
G.TOTAL				646.26	2750.00				

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 (\$).