



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

Power Position 12-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										
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								
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	2121.39	2042.94	2087.98	1990.31	63.07	30.32	9736.00	9016.00	50.00	162.66
MIN OF THE MONTH	1895.69	1677.86	1961.11	1591.97	14.62	-2.91	8991.00	7336.00	49.93	25.02
AVERAGE	1978.61	1892.27	2014.14	1718.85	38.69	12.09	9313.27	8002.36	49.96	68.44
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
				11-Oct-17
1	KTPS (1240/1240)	222.00	180.00	193.27
2	STPS (1500/1500)	164.00	155.95	150.58
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	26.34
4	RAMGARH (273.5/273.5)	46.00	31.00	31.95
5	RAPP-A(200/200)	41.00	41.00	41.89
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	29.00	29.00	28.08
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	167.60
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	285.00	285.00	282.65
11	WIND FARM (3980.40/4119.15)	45.50	47.50	49.30
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.08
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	41.85	44.27	36.50
16	BIOMASS – (101.95/119.25)	4.00	3.00	3.68
17	BARSINGHAR LTPS(250/250)	53.00	53.00	51.79
18	RAJWEST (1080/1080)	201.00	229.00	227.05
	TOTAL (A) : 1-18	1296.35	1262.72	1291.75
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.64	29.36	28.41
b)	DEHAR (198/ 990)	14.32	16.84	14.78
c)	PONG (231.66/396)	29.01	30.24	27.96
	TOTAL : a TO c	70.97	76.45	71.16
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	81.58	90.29	90.29
e)	RIHAND (310.24/3000)	118.40	118.40	118.40
f)	UNCHAHAHAR-I(20/420)	2.82	8.41	4.55
g)	UNCHAHAHAR-II& III(61/630)	37.24	55.57	44.59
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	9.61	12.40	15.84
j)	DADRI GAS (77/830)	2.88	12.32	9.67
k)	ANTA (83.07/419)	0.58	27.61	20.51
l)	AURAIYA (61.03/663)	0.36	11.56	5.10
m)	NAPP (44/440)	9.60	9.60	9.60
n)	RAPP-B (125/440)	33.24	34.36	34.36
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	1.89	2.28	2.48
q)	URI (70.37/720)	3.34	3.45	3.23
r)	TANAKPUR (10.86/94)	2.02	2.18	2.04
s)	CHAMERA –I (105.84/540)	6.86	6.86	6.86
t)	CHAMERA-II (29.01/300)	2.90	2.44	2.54
u)	CHAMERA-III (25.21/231)	1.86	1.86	2.04
v)	DHAULIGANGA (27/280)	3.07	3.07	2.94
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	15.68	14.55
z)	TEHRI (75/1000)	5.18	5.18	5.18
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.90	5.36	9.73
ab)	TALA	2.09	1.92	1.92
ac)	MUNDRA UMPP (380/4000)	70.08	70.08	70.08
ad)	SASAN (372/3960)	72.24	72.96	72.96
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.86	29.11	29.05
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	620.30	710.45	680.71
	LOSSES	-20.59	-23.96	-26.16
	NET SCHEDULED	599.71	686.49	654.55
21	BILATERAL (REG.) EXCL. BANKING	8.56	8.56	7.81
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.74	78.46	105.47
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	-41.85	-44.27	-36.50
25	INDIAN ENERGY EXCHANGE	143.87	50.27	50.27
	TOTAL(B): (19 TO 25)	825.04	806.53	781.60
	TOTAL GENERATION (A +B) : 1 TO 25			2073.35
	OVER DRAWAL (+)/UNDER DRAWAL (-)			14.62
	GRAND TOTAL	2121.39	2069.25	2087.98
	LAST YEAR	1677.86	1743.44	1612.83

3. SYSTEM PARAMETERS AS ON 11-Oct-17

MAXIMUM DRAWL ON 11-Oct-17	9714 MW at 06.00-06.15 Hrs 49.99 Hz
MINIMUM DRAWL ON 11-Oct-17	7695 MW at 03.45-04.00 Hrs 49.99 Hz
Max O/D of the day	456 MW at 09.00-09.15 HRS. 50.02 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	6
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	67
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	22
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	11-Oct-17 49.96 Hz
Max O/D of the day	509 MW at 08.45-09.00 Hrs 49.93 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.11
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	81.91
ABOVE 50.05 HZ	5.98
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	26
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.	12-Oct-17	12-Oct-16	11-Oct-17	11-Oct-17
Gandhi Sagar (FL)	1312	1250	1301.38	1311.89	3044	NA
R.P.Sagar (FL)	1157.5	1128	1144.62	1157.48	5287	3329
Jawahar Sagar (FL)	980	970.4	973.50	979.50	5832	NA
Kota Barrage(FL)	854.5	852.3	853.60	854.50		
RMC					5250	
LMC					200	
Bhakra(FL)	1690	1462	1666.02	1645.70	17491	13015
Dehar (FL)	2941	2900	2921.39	2922.30	4306	4226
Pong(FL)	1421	1260	1375.67	1364.58	10262	3898
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
12/Oct/17	KTPS	43156	2 DAYS
	STPS	7492	0.5 DAY
	CHHABRA	24621	3 DAYS
	KALISINDH	15344	1 DAY

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

12/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

DADRI	GT#2	130.19	22	5.30	22	9-Sep-17	23.45			EOH INSPECTION FOR 4000HRS
STPP(JHAJARI)	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
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		840.19	38.00	9.20	38.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
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-I
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	600.00	600	144.00	600	23-Sep-17	5.45	14-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	18.20	15-Oct-17		COAL SHORTAGE
CHHABRA	2	250.00	225	54.00	225	2-Oct-17	20.50	15-Oct-17		COAL SHORTAGE
RAMGARHI	GT#1	37.50	29	0.00	0	5-Oct-17	2.13	11-Oct-17	15.24	HIGH VIBRATION
KALISINDH	2	600.00	565	135.00	565	6-Oct-17	15.03	15-Oct-17		COAL SHORTAGE
STPS	2	250.00	229	55.00	229	9-Oct-17	13.03	12-Oct-17		DESYNCHRONIZED DUE TO NON AVAILABILITY OF COAL STOCK
RAMGARHI	STG#1	37.50	10	3.00	10	10-Oct-17	15.25	11-Oct-17		MANUALLY TRIPPED DUE TO LEAKAGE IN HRSG#2
RAMGARHI	STG#2	50.00	40	0.00	0	10-Oct-17	19.55	11-Oct-17	20.47	TURBINE TEMP. VERY HIGH
RAMGARHI	GT#1	37.50	29	0.00	0	11-Oct-17	16.05	11-Oct-17	20.06	M/T TO COVER UP EXCITER
KTPS	7	195.00	175	0.00	0	11-Oct-17	16.33	11-Oct-17	20.21	FA FAN TRIP
RAJWEST	6	135.00	120	28.68	120	11-Oct-17	21.54	12-Oct-17		HEAVY BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		3097.50	2750.00	593.08	2477.00					

CENTRAL SECTOR

DADRI	GT#6	154.51	16	3.90	16	21-Sep-17	0.03			MAINTENANCE OF GENERATOR FIELDS
DADRI	GT#3	130.19	22	5.30	22	6-Oct-17	14.18			RESERVED SHUTDOWN
DADRI	GT#4	130.19	22	5.30	22	7-Oct-17	12.25			RESERVED SHUTDOWN
Total(B)CENTRAL SECTOR-FORCED OUTAGE		414.89	60.00	14.50	60.00					
G.TOTAL				607.58	2537.00					

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 (\$).