



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

Power Position 06-Sep-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. -AUG- 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
Sep-17										
01-Sep-17	1983.31	1510.32	1639.45	1424.48	14.44	25.53	7870	6847	49.99	187.29
02-Sep-17	2018.79	1525.88	1691.88	1458.17	19.89	-1.29	7826	7046	49.98	102.94
03-Sep-17	1965.88	1616.50	1686.86	1498.10	23.15	-5.69	8039	7159	49.97	151.01
04-Sep-17	1881.98	1630.96	1801.89	1559.99	-4.55	7.47	8578	7177	49.94	185.33
05-Sep-17	1909.40	1699.11	1876.12	1642.04	-8.01	4.37	8790	7579	49.95	283.02
06-Sep-17	2000.23	1696.36								
07-Sep-17										
08-Sep-17										
09-Sep-17										
10-Sep-17										
11-Sep-17										
12-Sep-17										
13-Sep-17										
14-Sep-17										
15-Sep-17										
16-Sep-17										
17-Sep-17										
18-Sep-17										
19-Sep-17										
20-Sep-17										
21-Sep-17										
22-Sep-17										
23-Sep-17										
24-Sep-17										
25-Sep-17										
26-Sep-17										
27-Sep-17										
28-Sep-17										
29-Sep-17										
30-Sep-17										
01-Oct-17										
01-Sep-17										
MAXIMUM OF THE MONTH	2018.79	1699.11	1876.12	1642.04	23.15	25.53	8790.00	7579.00	49.99	283.02
MIN OF THE MONTH	1881.98	1510.32	1639.45	1424.48	-8.01	-5.69	7826.00	6847.00	49.94	102.94
AVERAGE	1968.08	1670.73	1739.24	1516.56	8.98	6.08	8220.60	7161.60	49.97	181.92
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	18-Aug-17 (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
		5-Sep-17		
1	KTPS (1240/1240)	267.00	222.00	212.35
2	STPS (1500/1500)	55.00	55.00	43.35
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	4.56
4	RAMGARH (273.5/273.5)	46.00	46.00	45.46
5	RAPP-A(200/200)	38.00	38.00	41.94
6	MAHI (140/140)	0.00	0.00	15.12
7	CHAMBAL (RPS+JS) (135.5/271)	4.83	4.83	15.94
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	99.33
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	361.00
11	WIND FARM (3980.40/4119.15)	213.00	220.00	283.02
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.00
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	-20.60	-27.51	-27.23
16	BIOMASS – (101.95/119.25)	3.00	3.00	3.26
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.45
18	RAJWEST (1080/1080)	201.00	201.00	166.56
	TOTAL (A) : 1-18	1362.23	1317.32	1291.11
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	31.21	30.88	31.43
b)	DEHAR (198/ 990)	27.64	27.64	27.25
c)	PONG (231.66/396)	33.38	26.06	27.49
	TOTAL : a TO c	92.23	84.58	86.16
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	89.91	90.25	87.21
e)	RIHAND (310.24/3000)	94.25	98.73	97.50
f)	UNCHAHAAR-I(20/420)	0.28	0.56	1.87
g)	UNCHAHAAR-II& III(61/630)	1.06	2.20	7.08
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.25	0.99	2.58
j)	DADRI GAS (77/830)	1.94	0.38	1.21
k)	ANTA (83.07/419)	0.13	0.00	0.07
l)	AURAIYA (61.03/663)	0.00	0.00	0.06
m)	NAPP (44/440)	9.14	9.17	9.17
n)	RAPP-B (125/440)	32.30	32.30	32.30
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	4.42	4.47	3.83
q)	URI (70.37/720)	9.54	9.10	10.24
r)	TANAKPUR (10.86/94)	2.58	2.56	2.48
s)	CHAMERA –I (105.84/540)	13.42	17.64	17.64
t)	CHAMERA-II (29.01/300)	6.24	6.43	5.51
u)	CHAMERA-III (25.21/231)	5.14	5.22	4.21
v)	DHAULIGANGA (27/280)	5.81	6.18	5.93
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	0.76	0.98	0.98
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	30.62	28.39	28.50
z)	TEHRI (75/1000)	7.16	7.16	6.75
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	10.19	10.19	16.26
ab)	TALA	3.61	3.64	3.64
ac)	MUNDRA UMPP (380/4000)	72.96	71.96	61.34
ad)	SASAN (372/3960)	87.48	87.48	87.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	2.64	2.24	9.12
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	613.74	612.49	618.83
	LOSSES	-18.01	-17.72	-22.84
	NET SCHEDULED	595.73	594.76	595.98
21	BILATERAL (REG.) EXCL. BANKING	17.88	17.16	17.16
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	37.24	34.96	37.24
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	20.60	27.51	27.23
25	INDIAN ENERGY EXCHANGE	-33.45	-84.59	-84.59
	TOTAL(B): (19 TO 25)	638.00	592.08	593.02
	TOTAL GENERATION (A +B) : 1 TO 25			1884.13
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-8.01
	GRAND TOTAL	2000.23	1909.40	1876.12
	LAST YEAR	1696.36	1699.11	1642.05

3.SYSTEM PARAMETERS AS ON 05-Sep-17

MAXIMUM DRAWL ON 05-Sep-17	8790 MW at 22.30-22.45 Hrs 49.91 Hz
MINIMUM DRAWL ON 05-Sep-17	6666 MW at 18.00-18.15 Hrs 50.05 Hz
Max U/D of the day	531 MW at 09.00-09.15 Hrs 49.92 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	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	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	9
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	16
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
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.	6-Sep-17	6-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1299.45	1309.84	2269	1172
R.P.Sagar (Ft.)	1157.5	1128	1145.77	1151.13	3280	3293
Jawahar Sagar (Ft.)	980	970.4	973.70	973.50	2986	3527
Kota Barrage(Ft.)	854.5	852.3	852.50	852.20		
RMC					3000	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1672.66	1649.06	19463	25301
Dehar (Ft.)	2941	2900	2924.67	2924.54	8491	10849
Pong(Ft.)	1421	1260	1383.45	1371.34	9001	16438
Mahi-I (Mts.)	281.5	259	281.40	281.50	4180	NA
Mahi-II (Mts.)	220.5	217	220.10	219.50	1068	NA

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY		5-Sep-17	49.95 Hz
Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
6-Sep-17	KTPS	88639	4.5 DAYS
	STPS	36752	1.5 DAYS
	CHHABRA	111912	15 DAYS
	KALISINDH	95737	7 DAYS

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

6-Sep-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#1	55.00	50	12.00	50	03-Oct-15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RU/NL) (PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)	
DCCPP	GT#1	110.00	100	0.00	0	08-May-16	11.05	05-Sep-17	16.34	M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16) (PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP (PERMISSION GIVEN BY RU/NL 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 RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)	
CHHABRA	3	250.00	225	54.00	225	08-Aug-17	18.56		BUS BAR PROTECTION OPERATED (UNDER OVERHAUL W.E.F 18.56 HRS. 08.08.17 FOR 30 DAYS)	
STPS	2*	250.00	229	55.00	229	25-Aug-17	23.58		BOXED UP	
STPS	6	250.00	229	55.00	229	26-Aug-17	12.22		BOXED UP	
STPS	4	250.00	229	55.00	229	30-Aug-17	8.39		BOXED UP	
STPS	3*	250.00	229	55.00	229	01-Sep-17	12.49		BOXED UP	
STPS	1*	250.00	229	55.00	229	01-Sep-17	13.07		BOXED UP	
Total(A) STATE SECTOR- PLANNED OUTAGE		1955.00	1740.00	393.80	1640.00					
CENTRAL SECTOR										
DABRI	GT#4	130.19	22	5.30	22	06-Apr-17	0.23		LESS GAS AVAILABILITY	
DABRI	GT#6	154.51	16	3.90	16	06-Apr-17	21.18		LESS GAS AVAILABILITY	
DABRI	GT#3	130.19	22	5.30	22	06-Apr-17	21.27		LESS GAS AVAILABILITY	
AURAIYA	GT#4	111.19	18	4.40	18	07-May-17	22.83		LESS GAS AVAILABILITY	
AURAIYA	GT#6	109.30	12	2.90	12	12-May-17	21.05		LESS GAS AVAILABILITY	
AURAIYA	GT#3	111.19	18	4.40	18	12-May-17	21.13		LESS GAS AVAILABILITY	
AURAIYA	GT#2	111.19	18	4.40	18	30-May-17	5.06		LESS GAS AVAILABILITY	
AURAIYA	GT#5	109.30	12	2.90	12	30-May-17	5.15		LESS GAS AVAILABILITY	
AURAIYA	GT#1	111.19	18	4.40	18	30-May-17	5.22		LESS GAS AVAILABILITY	
ANTA	GT#2	88.71	31	7.50	31	09-Jun-17	21.51		LESS GAS AVAILABILITY	
RIHAND-II	1	500.00	59	14.20	59	30-Aug-17	22.51		ANNUAL MAINTENANCE	
ANTA	GT#1	88.71	31	7.50	31	31-Aug-17	9.11		LESS GAS AVAILABILITY	
ANTA	GT#4	153.20	34	8.20	34	31-Aug-17	9.42		LESS GAS AVAILABILITY	
ANTA	GT#3	88.71	31	7.50	31	31-Aug-17	10.14		LESS GAS AVAILABILITY	
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1997.58	342.00	82.80	342.00					
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	15-Sep-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR	
RANGARI	GT#1	37.50	29	7.00	29	01-Jul-17	12.19	06-Sep-17	HIGH VIBRATION	
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	06-Sep-17	TURBINE BEARING PROBLEM	
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	06-Sep-17	BOILER LIS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE	
BARINGSAR	2	125.00	110	26.40	110	30-Aug-17	10.30	06-Sep-17	BOILER REFRACTORY DAMAGE	
KTPS	3	210.00	192	0.00	0	31-Aug-17	5.26	05-Sep-17	833	
RAJWEST	4	135.00	120	28.80	120	03-Sep-17	1.58	06-Sep-17	M/T DUE TO HEAVY BED MATERIAL LEAKAGE	
KTPS	3	210.00	192	0.00	0	05-Sep-17	15.28	05-Sep-17	18.34	
Total(B) STATE SECTOR-FORCED OUTAGE		1752.50	1538.00	277.00	1154.00					
CENTRAL SECTOR										
ISTPP(HAJJAR)	2	500.00	5	1.20	5	31-Aug-17	7.29		BOILER TUBE LEAKAGE	
Total(B) CENTRAL SECTOR-FORCED OUTAGE		500.00	5.00	1.20	5.00					
G.TOTAL			278.20	1159.00						

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 (\$).