



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

Power Position 07-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		
Sep-17										
1-Sep-17	1983.31	1510.32	1639.45	1424.48	14.44	25.53	7870	6847	49.99	187.29
2-Sep-17	2018.79	1525.88	1691.88	1458.17	19.89	-1.29	7826	7046	49.98	102.94
3-Sep-17	1965.88	1616.50	1686.86	1498.10	23.15	-5.69	8039	7159	49.97	151.01
4-Sep-17	1881.98	1630.96	1801.89	1559.99	-4.55	7.47	8578	7177	49.94	185.33
5-Sep-17	1909.40	1699.11	1876.12	1642.04	-8.01	4.37	8790	7579	49.95	283.02
6-Sep-17	2000.23	1696.36	1937.40	1720.88	-1.33	2.65	8946	7905	49.95	212.29
7-Sep-17	2028.18	1720.96								
8-Sep-17										
9-Sep-17										
10-Sep-17										
11-Sep-17										
12-Sep-17										
13-Sep-17										
14-Sep-17										
15-Sep-17										
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23-Sep-17										
24-Sep-17										
25-Sep-17										
26-Sep-17										
27-Sep-17										
28-Sep-17										
29-Sep-17										
30-Sep-17										
1-Oct-17										
1-Sep-17										
MAXIMUM OF THE MONTH	2028.18	1720.96	1937.40	1720.88	23.15	25.53	8946.00	7905.00	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	1975.60	1677.01	1772.27	1550.61	7.27	5.51	8341.50	7285.50	49.96	186.98

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
		6-Sep-17		
1	KTPS (1240/1240)	267.00	267.00	237.34
2	STPS (1500/1500)	210.00	55.00	45.09
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	8.78
4	RAMGARH (273.5/273.5)	46.00	46.00	45.70
5	RAPP-A(200/200)	38.00	38.00	42.07
6	MAHI (140/140)	0.00	0.00	15.08
7	CHAMBAL (RPS+JS) (135.5/271)	4.83	4.83	9.89
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	103.23
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	384.81
11	WIND FARM (3980.40/4119.15)	99.50	213.00	212.29
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.79
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	-12.15	-20.60	-20.40
16	BIOMASS – (101.95/119.25)	4.00	3.00	4.33
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.64
18	RAJWEST (1080/1080)	172.00	201.00	174.51
	TOTAL (A) : 1-18	1384.18	1362.23	1291.16
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	33.82	31.21	32.78
b)	DEHAR (198/ 990)	27.61	27.64	27.62
c)	PONG (231.66/396)	28.91	33.38	31.77
	TOTAL : a TO c	90.34	92.23	92.17
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	89.91	89.91	83.10
e)	RIHAND (310.24/3000)	98.55	94.25	93.76
f)	UNCHAHAHAR-I(20/420)	3.04	0.28	2.85
g)	UNCHAHAHAR-II& III(61/630)	7.95	1.06	10.11
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-I (43.22/980) + DADRI-TH	4.13	0.25	2.49
j)	DADRI GAS (77/830)	1.06	1.94	2.09
k)	ANTA (83.07/419)	0.00	0.13	0.13
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.14	9.14	9.14
n)	RAPP-B (125/440)	32.64	32.30	32.30
o)	RAPP-C (88/440)	19.72	19.62	19.62
p)	SALAL (20.36/690)	4.51	4.42	4.44
q)	URI (70.37/720)	10.86	9.54	10.57
r)	TANAKPUR (10.86/94)	2.50	2.58	2.50
s)	CHAMERA –I (105.84/540)	14.35	13.42	14.35
t)	CHAMERA-II (29.01/300)	6.24	6.24	5.37
u)	CHAMERA-III (25.21/231)	4.19	5.14	4.34
v)	DHAULIGANGA (27/280)	6.18	5.81	5.47
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	0.76	0.76	0.76
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	30.45	30.62	30.62
z)	TEHRI (75/1000)	6.75	7.16	7.16
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	10.73	10.19	15.39
ab)	TALA	3.61	3.61	3.61
ac)	MUNDRA UMPP (380/4000)	72.96	72.96	68.40
ad)	SASAN (372/3960)	87.48	87.48	87.19
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	8.95	2.64	10.62
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	637.10	613.74	628.63
	LOSSES	-18.63	-18.01	-23.13
	NET SCHEDULED	618.47	595.73	605.50
21	BILATERAL (REG.) EXCL. BANKING	18.71	17.88	17.88
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	37.24	34.97	37.24
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	12.15	20.60	20.40
25	INDIAN ENERGY EXCHANGE	-42.57	-33.45	-33.45
	TOTAL(B): (19 TO 25)	644.00	638.00	647.57
	TOTAL GENERATION (A +B) : 1 TO 25			1938.73
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-1.33
	GRAND TOTAL	2028.18	2000.23	1937.40
	LAST YEAR	1696.36	1696.36	1720.87

3. SYSTEM PARAMETERS AS ON 06-Sep-17

MAXIMUM DRAWL ON 06-Sep-17	8946 MW at 23.00-23.15 Hrs 49.96 Hz
MINIMUM DRAWL ON 06-Sep-17	6866 MW at 17.00-17.15 Hrs 49.95 Hz
Max U/D of the day	327 MW at 2.45-3.00Hrs 50.00 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	8
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	72
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
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	14
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	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
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.	7-Sep-17	7-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1299.52	1309.84	2269	NA
R.P.Sagar (Ft.)	1157.5	1128	1145.64	1157.13	3280	5034
Jawahar Sagar (Ft.)	980	970.4	971.60	974.00	2986	NIL
Kota Barrage(Ft.)	854.5	852.3	852.70	851.80		
RMC					3000	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1672.86	1649.23	20987	23517
Dehar (Ft.)	2941	2900	2929.85	2929.59	8385	9735
Pong(Ft.)	1421	1260	1383.55	1371.31	10004	12087
Mahi-I (Mts.)	281.5	259	281.50	281.50	4180	NA
Mahi-II (Mts.)	220.5	217	219.75	218.50	1068	NA

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	6-Sep-17	49.95 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	484 MW at 05.45-06.00Hrs	49.87Hz	7/Sep/17	KTPS	74156	4 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	13.88					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.23					
ABOVE 50.05 HZ	5.89					
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					
				STPS	37095	105 DAYS
				CHHABRA	102729	13.5 DAYS
				KALISINDH	92353	6.5 DAYS

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

7/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	3-Oct-15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL) (PERMISSION GIVEN BY RUVNL 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 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)	
CHHABRA	3	250.00	225	54.00	225	8-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	6-Sep-17	22.42	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	1-Sep-17	12.49	6-Sep-17	22.13	BOXED UP
STPS	1*	250.00	229	55.00	229	1-Sep-17	13.07	7-Sep-17	2.45	BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1845.00	1640.00	393.80	1640.00					

CENTRAL SECTOR

DADRI	GT#4	130.19	22	5.30	22	6-Apr-17	0.23			LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	6-Apr-17	21.18			LESS GAS AVAILABILITY
DADRI	GT#3	130.19	22	5.30	22	6-Apr-17	21.27			LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	7-May-17	22.03			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	9-Jun-17	21.51			LESS GAS AVAILABILITY
RIBAND-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-4
RANGARH	GT#1	37.50	29	7.00	29	1-Jul-17	12.19	7-Sep-17		HIGH VIBRATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	7-Sep-17		TURBINE BEARING PROBLEM
ADANI	2	600.00	600	144.00	600	19-Aug-17	6.02	7-Sep-17		BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
BARINGSAR	2	125.00	110	26.40	110	30-Aug-17	10.30	7-Sep-17		BOILER REFRACTORY DAMAGE
RAJWEST	4	135.00	120	28.80	120	3-Sep-17	1.58	7-Sep-17		MT DUE TO HEAVY BED MATERIAL LEAKAGE
RAJWEST	6	135.00	120	28.80	120	6-Sep-17	20.04			BAD METRIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1332.50	1154.00	305.80	1154.00					

CENTRAL SECTOR

STPP(JHAJAR)	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

307.00 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 (\$).