



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

Power Position 05-Sep-17	Point No.
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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								
06-Sep-17										
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										
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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	1801.89	1559.99	23.15	25.53	8578.00	7177.00	49.99	187.29
MIN OF THE MONTH	1881.98	1510.32	1639.45	1424.48	-4.55	-5.69	7826.00	6847.00	49.94	102.94
AVERAGE	1962.73	1666.46	1705.02	1485.19	13.23	6.51	8078.25	7057.25	49.97	156.64
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.)	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
		4-Sep-17		
1	KTPS (1240/1240)	222.00	222.00	193.76
2	STPS (1500/1500)	55.00	55.00	42.24
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	45.37
5	RAPP-A(200/200)	38.00	38.00	41.82
6	MAHI (140/140)	0.00	0.00	16.76
7	CHAMBAL (RPS+JS) (135.5/271)	4.83	17.00	13.38
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	108.00	102.87
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	366.33
11	WIND FARM (3980.40/4119.15)	220.00	131.00	185.33
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.08
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	-27.51	-61.86	-61.86
16	BIOMASS – (101.95/119.25)	3.00	5.00	2.65
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.20
18	RAJWEST (1080/1080)	201.00	201.00	177.84
	TOTAL (A) : 1-18	1317.32	1207.14	1151.77
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	30.88	32.35	31.08
b)	DEHAR (198/ 990)	27.64	27.64	27.87
c)	PONG (231.66/396)	26.06	24.83	25.87
	TOTAL : a TO c	84.58	84.81	84.82
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	90.25	89.91	89.83
e)	RIHAND (310.24/3000)	98.73	98.55	98.55
f)	UNCHAHAHAR-I(20/420)	0.56	0.00	2.01
g)	UNCHAHAHAR-II& III(61/630)	2.20	0.14	7.15
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.99	8.79	5.58
j)	DADRI GAS (77/830)	0.38	0.83	1.87
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.17	9.17	9.17
n)	RAPP-B (125/440)	32.30	0.00	24.72
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	4.47	4.63	4.61
q)	URI (70.37/720)	9.10	8.12	8.77
r)	TANAKPUR (10.86/94)	2.56	2.53	2.40
s)	CHAMERA –I (105.84/540)	17.64	25.12	25.12
t)	CHAMERA-II (29.01/300)	6.43	6.96	6.09
u)	CHAMERA-III (25.21/231)	5.22	5.64	4.33
v)	DHAULIGANGA (27/280)	6.18	6.41	6.25
w)	DULHASTI (42.42/390)	10.09	10.06	10.06
x)	SEWA (13/120)	0.98	1.08	1.08
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	28.39	31.07	30.12
z)	TEHRI (75/1000)	7.16	6.38	6.48
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	10.19	15.02	18.02
ab)	TALA	3.64	3.66	3.66
ac)	MUNDRA UMPP (380/4000)	71.96	69.78	69.78
ad)	SASAN (372/3960)	87.48	87.48	87.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	2.24	0.00	10.47
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	612.49	595.75	638.05
	LOSSES	-17.72	-16.83	-23.50
	NET SCHEDULED	594.76	578.92	614.56
21	BILATERAL (REG.) EXCL. BANKING	17.16	18.49	16.80
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	37.24	88.07	34.89
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	27.51	61.86	61.86
25	INDIAN ENERGY EXCHANGE	-84.59	-73.47	-73.47
	TOTAL(B): (19 TO 25)	592.08	674.83	654.63
	TOTAL GENERATION (A +B) : 1 TO 25			1806.41
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-4.55
	GRAND TOTAL	1909.40	1881.98	1801.86
	LAST YEAR	1699.11	1630.96	1559.99

3.SYSTEM PARAMETERS AS ON 04-Sep-17

MAXIMUM DRAWL ON 04-Sep-17	8578 MW at 22.45-23.00 Hrs 49.99 Hz
MINIMUM DRAWL ON 04-Sep-17	6626 MW at 18.30-18.45 Hrs 49.83 Hz
Max U/D of the day	286 MW at 07.45-08.00 Hrs 50.01 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	16
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	8
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	71
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
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	0
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

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	5-Sep-17	5-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1299.45	1309.67	1940	1172
R.P.Sagar (Ft.)	1157.5	1128	1145.77	1157.07	2523	3293
Jawahar Sagar (Ft.)	980	970.4	973.70	972.70	5737	3527
Kota Barrage(Ft.)	854.5	852.3	852.50	850.80		
RMC					3000	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1672.66	1648.63	19463	25301
Dehar (Ft.)	2941	2900	2924.67	2924.01	8491	10849
Pong(Ft.)	1421	1260	1383.45	1371.12	9001	16438
Mahi-I (Mts.)	281.5	259	281.40	281.50	4267	NA
Mahi-II (Mts.)	220.5	217	220.10	218.40	882	NA

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-Sep-17	KTPS	98117	5 DAYS
	STPS	29625	1 DAY
	CHHABRA	116800	15.5 DAYS
	KALISINDH	102652	7 DAY

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

5-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 RUVNL) (PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#1	110.00	100	24.00	100	08-May-16	11.05			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 04.00 HRS. ON DT. 08.05.16) (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	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	417.80	1740.00					

CENTRAL SECTOR

DADRI	GT#4	130.19	22	5.30	22	06-Apr-17	0.23			LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	06-Apr-17	21.18			LESS GAS AVAILABILITY
DADRI	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	22.03			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	09-Jun-17	21.51			LESS GAS AVAILABILITY
RHAND-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											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			DATE	TIME				REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27		15-Sep-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-
RAMGARH	GT#1	37.50	29	7.00	29	01-Jul-17	12.19		05-Sep-17		HIGH VIBRATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00		05-Sep-17		TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02		05-Sep-17		BOILER LIS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
BARSINGAR	2	125.00	110	26.40	110	30-Aug-17	10.30		05-Sep-17		BOILER REFRACTORY DAMAGE
KTPS	3	210.00	192	46.00	192	31-Aug-17	5.26		05-Sep-17		BOILER TUBE LEAKAGE
RAJWEST	4	135.00	120	28.80	120	03-Sep-17	1.58		05-Sep-17		MT DUE TO HEAVY BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1542.50	1346.00	323.00	1346.00						
CENTRAL SECTOR											
ISTP(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			324.20	1351.00							

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 (\$).