



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

Power Position 08-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	1876.12	1642.04	-8.01	4.37	8790	7579	49.95	283.02
06-Sep-17	2000.23	1696.36	1937.40	1720.88	-1.33	2.65	8946	7905	49.95	212.29
07-Sep-17	2028.18	1720.96	1965.05	1799.37	-14.34	-8.71	9133	8020	49.93	110.05
08-Sep-17	2035.60	1818.03								
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	2035.60	1818.03	1965.05	1799.37	23.15	25.53	9133.00	8020.00	49.99	283.02
MIN OF THE MONTH	1881.98	1510.32	1639.45	1424.48	-14.34	-8.71	7826.00	6847.00	49.93	102.94
AVERAGE	1982.26	1692.68	1799.81	1586.15	4.18	3.48	8454.57	7390.43	49.96	175.99
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
		7-Sep-17		
1	KTPS (1240/1240)	267.00	267.00	242.06
2	STPS (1500/1500)	220.00	210.00	172.69
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	11.57
4	RAMGARH (273.5/273.5)	46.00	46.00	45.66
5	RAPP-A(200/200)	38.00	38.00	41.88
6	MAHI (140/140)	0.00	0.00	8.99
7	CHAMBAL (RPS+JS) (135.5/271)	4.83	4.83	17.73
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	103.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	391.97
11	WIND FARM (3980.40/4119.15)	83.00	99.50	110.05
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.52
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	3.35	-12.15	-12.02
16	BIOMASS – (101.95/119.25)	5.00	4.00	4.81
17	BARSINGHAR LTPS(250/250)	26.00	26.00	24.72
18	RAJWEST (1080/1080)	172.00	172.00	164.07
	TOTAL (A) : 1-18	1394.18	1384.18	1328.44
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	33.43	33.82	33.45
b)	DEHAR (198/ 990)	28.03	27.61	27.30
c)	PONG (231.66/396)	30.43	28.91	31.00
	TOTAL : a TO c	91.89	90.34	91.75
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	92.54	89.91	89.91
e)	RIHAND (310.24/3000)	102.31	98.55	98.55
f)	UNCHAHAAR-I(20/420)	1.07	3.04	3.60
g)	UNCHAHAAR-II& III(61/630)	3.18	7.95	13.38
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	1.28	4.13	6.50
j)	DADRI GAS (77/830)	0.52	1.06	1.55
k)	ANTA (83.07/419)	0.33	0.00	0.04
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.22	9.14	9.14
n)	RAPP-B (125/440)	32.81	32.64	32.64
o)	RAPP-C (88/440)	19.72	19.72	19.72
p)	SALAL (20.36/690)	3.89	4.51	4.40
q)	URI (70.37/720)	10.46	10.86	10.96
r)	TANAKPUR (10.86/94)	2.50	2.50	2.48
s)	CHAMERA –I (105.84/540)	13.52	14.35	14.70
t)	CHAMERA-II (29.01/300)	6.09	6.24	5.05
u)	CHAMERA-III (25.21/231)	4.27	4.19	3.95
v)	DHAULIGANGA (27/280)	5.72	6.18	5.52
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)	28.84	30.45	31.21
z)	TEHRI (75/1000)	6.75	6.75	6.75
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	11.80	10.73	16.09
ab)	TALA	3.61	3.61	3.61
ac)	MUNDRA UMPP (380/4000)	72.96	72.96	72.96
ad)	SASAN (372/3960)	87.48	87.48	87.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	2.61	8.95	15.26
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	626.25	637.10	658.05
	LOSSES	-18.15	-18.63	-24.17
	NET SCHEDULED	608.10	618.47	633.88
21	BILATERAL (REG.) EXCL. BANKING	17.40	18.71	18.06
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	94.69	34.69	29.56
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-3.35	12.15	12.02
25	INDIAN ENERGY EXCHANGE	-75.42	-42.57	-42.57
	TOTAL(B): (19 TO 25)	641.42	644.00	650.95
	TOTAL GENERATION (A +B) : 1 TO 25			1979.39
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-14.34
	GRAND TOTAL	2035.60	2028.18	1965.06
	LAST YEAR	1818.03	1696.36	1799.37

3.SYSTEM PARAMETERS AS ON 07-Sep-17

MAXIMUM DRAWL ON 07-Sep-17	9133 MW at 23.00-23.15 Hrs 49.89 Hz
MINIMUM DRAWL ON 07-Sep-17	7146 MW at 18.00-18.15 Hrs 49.97 Hz
Max U/D of the day	497 MW at 10.00-10.15Hrs 49.98 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	26
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	7
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	66
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	4
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	1
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.	8-Sep-17	8-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1299.52	1309.84	1594	2434
R.P.Sagar (Ft.)	1157.5	1128	1145.50	1157.11	3539	3223
Jawahar Sagar (Ft.)	980	970.4	973.30	973.80	3616	3544
Kota Barrage(Ft.)	854.5	852.3	852.80	852.20		
RMC					200	
LMC					3000	
Bhakra(Ft.)	1690	1462	1373.03	1649.23	21788	25097
Dehar (Ft.)	2941	2900	2930.05	2929.59	8675	10164
Pong(Ft.)	1421	1260	1383.60	1371.31	10502	13452
Mahi-I (Mts.)	281.5	259	281.50	281.50	1470	NA
Mahi-II (Mts.)	220.5	217	219.15	219.10	1312	NA

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	7-Sep-17	49.93 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	275 MW at 08.30-08.45Hrs	49.99Hz	8-Sep-17	KTPS	55169	3 days
Frequency Profile	% of Time			STPS	27864	1 day
LESS THAN 49.7 HZ	0.00			CHHABRA	100881	13.5 days
LESS THAN 49.90 HZ	29.29			KALISINDH	96051	7 days
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	68.82					
ABOVE 50.05 HZ	1.89					
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					

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

8-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	HRS01	55.00	50	0.00	0	03-Oct-15	22.35	07-Sep-17	21.19	DESYNCRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RVNL) (PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRS02*	55.00	50	24.00	50	13-Jul-16	16.35			BOXED UP (PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP (PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
CHHABRA	3	250.00	225	54.00	225	08-Aug-17	18.56			H/S BAR PROTECTION OPERATED (UNDER OVERHAUL W.E.F 18.56 HRS.08.17 FOR 30 DAYS)
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	1*	250.00	229	0.00	0	01-Sep-17	13.07	07-Sep-17	2.45	BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1345.00	1182.00	228.80	903.00					

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	0.00	0	06-Apr-17	21.27	07-Sep-17	18.45	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	0.00	0	12-May-17	21.13	07-Sep-17	18.49	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-Jan-17	21.51			LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	09-Jan-17	9.11			LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	09-Jan-17	9.42			LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	08-Jan-17	12.16	07-Sep-17	17.49	LESS GAS AVAILABILITY
RIHAND	3	500.00	59	14.20	59	30-Aug-17	22.51			ANNUAL MAINTENANCE
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1997.58	342.00	73.10	302.00					

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	15-Sep-17		DESYNCRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-
RANGARIH	GT#1	37.50	29	7.00	29	01-Jul-17	12.19	08-Sep-17		HIGH VIBRATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	08-Sep-17		TURBINE BEARING PROBLEM
ADANI	2	600.00	600	144.00	600	19-Aug-17	6.02	08-Sep-17		BOILER LIS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
BARSINGAR	2	125.00	110	26.40	110	30-Aug-17	10.30	08-Sep-17		BOILER REFRACTORY DAMAGE
RAJWEST	4	135.00	120	28.80	120	03-Sep-17	1.58	08-Sep-17		M/T DUE TO HEAVY BED MATERIAL LEAKAGE
RAJWEST	6	135.00	120	28.80	120	06-Sep-17	20.04			BAD METRIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1467.50	1274.00	305.80	1274.00					

CENTRAL SECTOR

ISTPP(HHABAR)	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	1279.00						

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 (\$).