



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

Power Position 13-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	2038.09	1839.59	-16.80	-6.75	9527	8306	49.91	69.67
09-Sep-17	2220.10	1876.66	2109.22	1892.73	-28.72	-10.12	9655	8480	49.93	101.26
10-Sep-17	2291.05	3032.73	2115.99	1930.00	-3.87	-2.18	9643	8673	49.97	136.37
11-Sep-17	2125.09	2061.90	2111.25	1931.67	-13.58	12.16	9546	8706	49.92	50.22
12-Sep-17	2043.96	2039.62	1995.41	1994.33	9.55	6.75	9488	8898	49.97	40.04
13-Sep-17	1972.73	2029.51								
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	2291.05	3032.73	2115.99	1994.33	23.15	25.53	9655.00	8898.00	49.99	283.02
MIN OF THE MONTH	1881.98	1510.32	1639.45	1424.48	-28.72	-10.12	7826.00	6847.00	49.91	40.04
AVERAGE	2035.24	1876.75	1914.05	1724.28	-2.01	2.02	8920.08	7899.67	49.95	135.79
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
		12-Sep-17		
1	KTPS (1240/1240)	169.00	210.00	204.63
2	STPS (1500/1500)	175.00	175.00	173.31
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	21.16
4	RAMGARH (273.5/273.5)	35.00	46.00	31.67
5	RAPP-A(200/200)	40.00	40.00	41.58
6	MAHI (140/140)	0.00	0.00	19.71
7	CHAMBAL (RPS+JS) (135.5/271)	2.00	2.00	1.29
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	95.22
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	380.06
11	WIND FARM (3980.40/4119.15)	70.50	33.75	40.04
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	20.18	23.55	23.44
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.76
17	BARSINGHAR LTPS(250/250)	26.00	26.00	27.10
18	RAJWEST (1080/1080)	200.00	200.00	170.23
	TOTAL (A) : 1-18	1271.68	1290.30	1234.20
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	42.23	40.52	41.60
b)	DEHAR (198/ 990)	27.36	27.28	27.36
c)	PONG (231.66/396)	37.76	43.84	40.89
	TOTAL : a TO c	107.34	111.64	109.85
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.48	91.48	91.48
e)	RIHAND (310.24/3000)	122.38	122.38	121.77
f)	UNCHAHAHAR-I(20/420)	2.00	0.00	1.50
g)	UNCHAHAHAR-II& III(61/630)	7.27	0.00	4.79
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	3.89	0.00	3.26
j)	DADRI GAS (77/830)	1.51	0.25	1.30
k)	ANTA (83.07/419)	0.00	0.38	0.38
l)	AURAIYA (61.03/663)	0.00	0.38	0.38
m)	NAPP (44/440)	5.68	9.14	9.14
n)	RAPP-B (125/440)	32.72	32.72	32.72
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	3.54	3.78	3.15
q)	URI (70.37/720)	10.41	10.06	10.16
r)	TANAKPUR (10.86/94)	2.50	2.50	2.50
s)	CHAMERA –I (105.84/540)	10.78	11.76	11.17
t)	CHAMERA-II (29.01/300)	5.08	4.69	4.26
u)	CHAMERA-III (25.21/231)	3.91	3.71	3.31
v)	DHAULIGANGA (27/280)	4.60	5.17	4.65
w)	DULHASTI (42.42/390)	10.05	10.05	10.05
x)	SEWA (13/120)	0.98	1.19	1.19
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	22.24	24.04	23.40
z)	TEHRI (75/1000)	7.58	7.58	7.95
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	9.66	9.12	14.05
ab)	TALA	3.15	3.27	3.27
ac)	MUNDRA UMPP (380/4000)	56.86	70.08	70.40
ad)	SASAN (372/3960)	72.00	72.96	72.96
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.06	18.16	14.28
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	640.23	647.06	653.90
	LOSSES	-17.17	-17.74	-22.46
	NET SCHEDULED	623.06	629.32	631.44
21	BILATERAL (REG.) EXCL. BANKING	13.39	14.34	14.34
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	86.27	98.59	98.14
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-20.18	-23.55	-23.44
25	INDIAN ENERGY EXCHANGE	-1.49	31.17	31.17
	TOTAL(B): (19 TO 25)	701.05	753.66	751.66
	TOTAL GENERATION (A +B) : 1 TO 25			1985.86
	OVER DRAWAL (+)/UNDER DRAWAL (-)			9.55
	GRAND TOTAL	1972.73	2043.96	1995.41
	LAST YEAR	2029.51	2039.62	1994.33

3.SYSTEM PARAMETERS AS ON 12-Sep-17

MAXIMUM DRAWL ON 12-Sep-17	9488 MW at 23.45-24.00 Hrs 50.03Hz
MINIMUM DRAWL ON 12-Sep-17	7457 MW at 18.00-18.15 Hrs 50.00 Hz
Max U/D of the day	556 MW at 21.45-22.00 Hrs 49.98Hz
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	3
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	25
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	3
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.	13-Sep-17	13-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	NA	1310.04	NIL	NA
R.P.Sagar (Ft.)	1157.5	1128	1145.44	1157.08	NA	NA
Jawahar Sagar (Ft.)	980	970.4	974.70	978.70	991	NA
Kota Barrage(Ft.)	854.5	852.3	853.00	852.80		
RMC					20	
LMC					400	
Bhakra(Ft.)	1690	1462	1672.15	1650.40	28261	21255
Dehar (Ft.)	2941	2900	2921.32	2924.47	8520	7834
Pong(Ft.)	1421	1260	1382.92	1371.36	13004	8542
Mahi-I (Mts.)	281.5	259	281.49	281.45	3905	NA
Mahi-II (Mts.)	220.5	217	220.00	217.90	1211	NA

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY		12-Sep-17	49.97 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day		355 MW at 11.45-12.00 Hrs 49.96Hz					
Frequency Profile		% of Time					
LESS THAN 49.7 HZ		0.00					
LESS THAN 49.90 HZ		9.04					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		80.19					
ABOVE 50.05 HZ		10.77					
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		14					
No. of 132 KV Feeders Disconnected		0		KALISINDH			

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

13-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#2*	55.00	50	24.00	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RU/VNL 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/VNL 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)
Total(A)STATE SECTOR-PLANNED OUTAGE		540.00	445.00	118.80	445.00					

CENTRAL SECTOR

DADRI	GT#2	130.19	22	5.30	22	09-Sep-17	23.45			BOH INSPECTION FOR 4000HRS
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		130.19	22.00	5.30	22.00					

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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	15-Sep-17		HIGH VIBERATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	15-Sep-17		TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	14-Sep-17		BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
BARINGSAR	2	125.00	110	26.40	110	30-Aug-17	10.30	14-Sep-17		BOILER REFRACTORY DAMAGE
RAJWEST	4	135.00	120	28.80	120	03-Sep-17	1.58	16-Sep-17		MUT DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	13-Sep-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	13-Sep-17		INSUFFICIENT COAL STOCK
RAMGARH	STG#2	50.00	40	9.60	40	12-Sep-17	13.10	13-Sep-17		BT FAN MOTOR BURNT
RAMGARH	GT#3	37.50	29	0.00	0	12-Sep-17	13.12	12-Sep-17	20.42	BT FAN MOTOR BURNT
KTPS	2	110.00	100	23.00	100	12-Sep-17	17.00	13-Sep-17		SHORTAGE OF COAL
KTPS	1	110.00	100	23.00	100	12-Sep-17	17.27	13-Sep-17		SHORTAGE OF COAL
CHHABRA	4	250.00	225	0.00	0	12-Sep-17	18.22	12-Sep-17	21.03	GENERATOR PROTECTION OPERATED
Total(B)STATE SECTOR-FORCED OUTAGE		2390.00	2106.00	442.60	1852.00					
CENTRAL SECTOR										
HIAJAR	1	500.00	5	1.20	5	09-Sep-17	1.16			PRIMARY AIR HEATER PROBLEM
Total(B)CENTRAL SECTOR-FORCED OUTAGE		500.00	5.00	1.20	5.00					
G.TOTAL			443.80	1857.00						

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 (S).