



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

Power Position 26-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		
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	1965.05	1799.37	-14.34	-8.71	9133	8020	49.93	110.05
8-Sep-17	2035.60	1818.03	2038.09	1839.59	-16.80	-6.75	9527	8306	49.91	69.67
9-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	2011.57	2015.34	-0.67	8.00	9275	8920	49.95	49.95
14-Sep-17	1967.00	1984.37	1975.69	2025.57	24.90	29.45	8999	8932	49.95	66.58
15-Sep-17	1806.01	1961.15	1920.02	1981.60	35.48	27.31	8820	8675	49.95	28.63
16-Sep-17	1836.48	1935.29	2036.93	1972.87	37.80	34.73	9286	8760	49.97	52.22
17-Sep-17	2036.98	2002.89	1987.77	2016.78	13.02	35.51	9054	9013	50.02	32.78
18-Sep-17	2068.97	1950.36	2089.80	1953.03	20.25	55.61	9787	8634	50.01	44.24
19-Sep-17	2022.57	2021.96	2139.72	2030.19	12.19	21.76	9900	9539	50.00	69.27
20-Sep-17	2001.51	2231.94	2116.18	2138.32	22.21	-21.13	9877	9769	50.00	65.02
21-Sep-17	2088.76	2184.43	2196.17	2132.33	18.53	10.59	9876	9816	49.96	75.14
22-Sep-17	2094.58	2086.21	2023.06	2078.54	13.85	51.54	9686	9652	49.98	120.32
23-Sep-17	2098.52	2014.19	1960.27	2109.21	18.60	28.13	9571	9480	49.98	184.42
24-Sep-17	2196.98	2109.81	1984.20	1968.71	18.98	1.95	9337	9146	50.01	196.83
25-Sep-17	2070.07	2088.33	2041.24	1912.36	29.69	8.33	9422	8946	49.99	174.02
26-Sep-17	1925.88	2122.26								
27-Sep-17										
28-Sep-17										
29-Sep-17										
30-Sep-17										
1-Oct-17										
1-Sep-17										
MAXIMUM OF THE MONTH	2291.05	3032.73	2196.17	2138.32	37.80	55.61	9900.00	9816.00	50.02	283.02
MIN OF THE MONTH	1806.01	1510.32	1639.45	1424.48	-28.72	-21.13	7826.00	6847.00	49.91	28.63
AVERAGE	2021.45	1943.64	1978.05	1881.05	9.63	12.64	9197.24	8563.12	49.97	111.56

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
		25-Sep-17		
1	KTPS (1240/1240)	171.00	223.00	181.04
2	STPS (1500/1500)	164.00	164.00	142.71
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	21.44
4	RAMGARH (273.5/273.5)	44.00	46.00	30.53
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	15.68
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.69
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	118.00	109.00	114.27
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	270.00	272.00	239.99
11	WIND FARM (3980.40/4119.15)	136.50	163.50	174.02
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	4.03
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	29.91	22.07	22.07
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.76
17	BARSINGHAR LTPS(250/250)	53.00	53.00	52.01
18	RAJWEST (1080/1080)	200.00	195.00	185.59
	TOTAL (A) : 1-18	1191.41	1252.57	1188.84
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	31.13	30.09	31.39
b)	DEHAR (198/ 990)	27.30	28.41	27.27
c)	PONG (231.66/396)	44.70	44.88	49.54
	TOTAL : a TO c	103.12	103.38	108.21
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	93.27	102.19	101.36
e)	RIHAND (310.24/3000)	123.07	133.50	131.72
f)	UNCHAHAHAR-I(20/420)	1.93	3.84	5.10
g)	UNCHAHAHAR-II& III(61/630)	7.04	12.25	17.91
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	4.77	0.74	3.78
j)	DADRI GAS (77/830)	0.85	2.49	3.78
k)	ANTA (83.07/419)	0.00	0.00	2.20
l)	AURAIYA (61.03/663)	0.00	0.00	2.50
m)	NAPP (44/440)	9.26	9.12	9.12
n)	RAPP-B (125/440)	33.07	32.98	32.98
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	3.18	3.06	3.09
q)	URI (70.37/720)	6.36	6.82	6.28
r)	TANAKPUR (10.86/94)	1.16	2.50	2.48
s)	CHAMERA –I (105.84/540)	13.72	15.68	15.68
t)	CHAMERA-II (29.01/300)	6.00	6.96	6.09
u)	CHAMERA-III (25.21/231)	5.14	5.44	4.73
v)	DHAULIGANGA (27/280)	5.69	3.98	3.57
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	25.43	27.48	30.15
z)	TEHRI (75/1000)	6.60	19.08	13.82
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	16.09	20.40	25.54
ab)	TALA	2.70	2.89	2.89
ac)	MUNDRA UMPP (380/4000)	70.08	69.07	69.07
ad)	SASAN (372/3960)	72.96	90.59	90.59
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.89	19.13	15.00
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	664.44	724.64	738.70
	LOSSES	-20.33	-17.20	-27.70
	NET SCHEDULED	644.11	707.44	711.00
21	BILATERAL (REG.) EXCL. BANKING	14.47	15.52	19.32
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.23	111.01	112.67
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-29.91	-22.07	-22.07
25	INDIAN ENERGY EXCHANGE	-8.43	1.79	1.79
	TOTAL(B): (19 TO 25)	734.47	817.50	822.71
	TOTAL GENERATION (A +B) : 1 TO 25			2011.55
	OVER DRAWAL (+)/UNDER DRAWAL (-)			29.69
	GRAND TOTAL	1925.88	2070.07	2041.24
	LAST YEAR	2122.26	2088.33	1912.35

3. SYSTEM PARAMETERS AS ON 25-Sep-17

MAXIMUM DRAWL ON 25-Sep-17	9422 MW at 22.15-22.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 25-Sep-17	7474 MW at 18.00-18.15 Hrs 50.00 Hz
Max U/D of the day	225 MW at 04.00-04.15 Hrs 50.04 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	47
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	17
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	46
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	0
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.	26-Sep-17	26-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1301.38	1311.03	NA	4375
R.P.Sagar (Ft.)	1157.5	1128	1146.10	1156.94	310	NA
Jawahar Sagar (Ft.)	980	970.4	977.70	978.70	NA	NA
Kota Barrage(Ft.)	854.5	852.3	853.40	853.90		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1669.38	1650.31	20147	29877
Dehar (Ft.)	2941	2900	2934.84	2918.24	8387	12124
Pong(Ft.)	1421	1260	1381.10	1367.88	15804	15804
Mahi-I (Mts.)	281.5	259	281.50	281.50	3680	NA
Mahi-II (Mts.)	220.5	217	218.75	220.25	1225	NA

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY 25-Sep-17		49.99 Hz		
Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days	
26/Sep/17	KTPS	7817	0.5 DAYS	
	STPS	19872	1 DAY	
	CHHABRA	41334	5.5 DAYS	
	KALISNDH	27143	2 DAYS	

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

(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 (S/D W.E.F.15/07/14)
DCPP	HRS02*	55.00	50	24.00	50	13-Jul-16	16.35	BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17/08/17 BUT PROBLEM IS DCPP END)
DCPP	GT92*	110.00	100	24.00	100	13-Jul-16	16.40	BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17/08/17 BUT PROBLEM IS DCPP 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)
KTPS	7	195.00	175	42.00	175	24-Sep-17	11.35	DUE TO COAL SHORTAGE & SHUT DOWN FOR 15 DAYS
Total A STATE SECTOR- PLANNED OUTAGE		735.00	620.00	160.80	620.00			

CENTRAL SECTOR

DABRI	GT02	130.19	22	5.30	22	9-Sep-17	23.45		EOM INSPECTION FOR 400HRS	
ANTA	GT01	88.71	31	0.00	0	20-Sep-17	6.27	25-Sep-17	10.07	FUEL SHORTAGE
ANTA	GT02	88.71	31	0.00	0	21-Sep-17	1.16	25-Sep-17	6.50	DUE TO LESS DEMAND
Total B CENTRAL SECTOR- PLANNED OUTAGE		307.61	84.00	5.30	22.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	16-Oct-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT01	37.50	29	7.00	29	1-Jul-17	12.19	26-Sep-17		HIGH VIBRATION
CHHABRA	1	250.00	225	0.00	0	15-Aug-17	8.00	25-Sep-17	16.36	TURBINE BEARING PROBLEM
ADANI	2	600.00	600	144.00	600	19-Aug-17	6.02	26-Sep-17		BOILER LINS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE/ (FROM 21/08/17 DUE TO COAL SHORTAGE)
RAJWEST	4	135.00	120	28.68	120	3-Sep-17	1.58	26-Sep-17		MT DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	26-Sep-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	26-Sep-17		INSUFFICIENT COAL STOCK
STPS	4	250.00	229	55.00	229	14-Sep-17	23.56	26-Sep-17		INSUFFICIENT COAL STOCK
RAPP A	2	200.00	150	0.00	0	18-Sep-17	12.47	25-Sep-17	21.35	PROCESS SIDE PROBLEM
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	26-Sep-17		INSUFFICIENT COAL STOCK
RAJWEST	8	135.00	120	0.00	0	24-Sep-17	9.00	25-Sep-17	1.49	DESYNCHRONIZED DUE TO BED MATERIAL LEAKAGE
RAMGARH	GT03	110.00	100	0.00	0	25-Sep-17	14.00	25-Sep-17	23.20	DUE TO EXIST TEMPERATURE VERY HIGH
RAMGARH	STG02	50.00	40	2.02	0	25-Sep-17	14.00	26-Sep-17	5.04	DUE TO EXIST TEMPERATURE VERY HIGH
RAPP A	2	200.00	150	36.00	150	25-Sep-17	21.53	26-Sep-17		DUE TO ELECTRICAL FAULT
CHHABRA	1	250.00	225	44.51	225	26-Sep-17	4.13	26-Sep-17		GENERATOR ELECTRICAL PROT.
Total B STATE SECTOR-FORCED OUTAGE		3562.50	3116.00	588.01	2481.00					

CENTRAL SECTOR

AURAIYA	GT04	111.19	18	4.40	18	14-Sep-17	1.21			DUE TO LESS SUPPLY OF SPOT RING BY GAIL/AS INFORMED BY NTPC
DABRI	GT03	130.19	22	5.30	22	16-Sep-17	23.00			FUEL SHORTAGE
DABRI	GT01	130.19	22	5.30	22	17-Sep-17	0.06			FUEL SHORTAGE
AURAIYA	GT01	111.19	18	0.00	0	17-Sep-17	5.51	25-Sep-17	7.09	FUEL SHORTAGE
ANTA	GT03	88.71	31	7.50	31	17-Sep-17	6.19			FUEL SHORTAGE
AURAIYA	GT05	109.30	12	0.00	0	17-Sep-17	12.28	25-Sep-17	11.13	FUEL SHORTAGE
AURAIYA	GT02	111.19	18	4.40	18	17-Sep-17	12.35			FUEL SHORTAGE
ANTA	GT04	153.20	12	0.00	0	17-Sep-17	12.36	25-Sep-17	9.09	FUEL SHORTAGE
DABRI	GT06	154.51	16	3.90	16	21-Sep-17	0.03			DUE TO LESS DEMAND
DABRI	GT04	130.19	22	5.30	22	21-Sep-17	0.09			DUE TO LESS DEMAND
AURAIYA	GT06	109.30	12	2.90	12	21-Sep-17	0.19			DUE TO LESS DEMAND
AURAIYA	GT03	111.19	18	4.40	18	21-Sep-17	0.25			DUE TO LESS DEMAND
DABRI-II	1	490.00	15	3.59	15	24-Sep-17	23.03			BOILER TUBE LEAKAGE
Total B CENTRAL SECTOR- FORCED OUTAGE		1940.35	236.00	46.99	194.00					
G.TOTAL				635.00	2675.00					

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 (\$).