



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

Power Position 11-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								
12-Sep-17										
13-Sep-17										
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	1930.00	23.15	25.53	9655.00	8673.00	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	69.67
AVERAGE	2039.72	1850.45	1886.20	1676.54	-2.01	0.53	8800.70	7719.20	49.95	153.92
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 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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		8-Sep-17			9-Sep-17			10-Sep-17		
1	KTPS (1240/1240)	267.00	267.00	258.00	267.00	267.00	241.53	210.00	267.00	211.43
2	STPS (1500/1500)	330.00	220.00	190.71	328.00	330.00	249.05	216.00	328.00	262.26
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	20.29	0.00	0.00	20.54	0.00	0.00	19.89
4	RAMGARH (273.5/273.5)	46.00	46.00	45.47	46.00	46.00	45.03	46.00	46.00	45.26
5	RAPP-A(200/200)	38.00	38.00	42.10	40.00	38.00	42.11	40.00	40.00	42.25
6	MAHI (140/140)	0.00	0.00	8.16	0.00	0.00	12.77	0.00	0.00	13.24
7	CHAMBAL (RPS+JS) (135.5/271)	8.46	4.83	18.44	6.00	8.46	14.27	6.00	6.00	6.23
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	107.95	109.00	109.00	110.27	109.00	109.00	100.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	411.59	420.00	420.00	381.08	420.00	420.00	356.24
11	WIND FARM (3980.40/4119.15)	118.00	83.00	69.67	105.00	118.00	101.26	52.00	105.00	136.37
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.30	0.00	0.00	1.87	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	9.39	3.35	-3.36	12.45	9.39	9.39	17.37	12.45	12.45
16	BIOMASS - (101.95/119.25)	5.00	5.00	4.78	6.00	5.00	5.60	5.00	6.00	4.87
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	26.09	26.00	26.00	25.49	26.00	26.00	24.99
18	RAJWEST (1080/1080)	171.00	172.00	167.96	201.00	171.00	172.46	200.00	201.00	166.77
	TOTAL (A) : 1-18	1547.85	1394.18	1370.15	1566.45	1547.85	1432.72	1347.37	1566.45	1402.98
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	33.97	33.43	33.95	38.28	33.97	35.92	39.95	38.28	38.79
b)	DEHAR (198/990)	27.36	28.03	26.86	28.00	27.36	27.36	27.60	28.00	27.45
c)	PONG (231.66/396)	36.33	30.43	33.19	46.22	36.33	43.27	43.36	46.22	47.36
	TOTAL : a TO c	97.66	91.89	94.00	112.50	97.66	106.55	110.92	112.50	113.60
20	CENTRAL STATIONS									
d)	SINGRAULI (300/2000)	92.11	92.54	92.54	91.48	92.11	91.69	91.48	91.48	91.48
e)	RIHAND (310.24/3000)	102.31	102.31	102.11	122.38	102.31	106.63	122.87	122.38	122.38
f)	UNCHAHAHAR-II(20/420)	1.65	1.07	5.66	2.36	1.65	5.08	2.51	2.36	2.66
g)	UNCHAHAHAR-II & III(61/630)	6.21	3.18	19.14	9.17	6.21	20.43	9.24	9.17	10.01
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	1.46	1.28	8.59	2.01	1.46	3.29	6.01	2.01	2.01
j)	DADRI GAS (77/830)	2.63	0.52	2.52	1.37	2.63	2.90	2.70	1.37	1.97
k)	ANTA (83.07/419)	2.14	0.33	6.55	0.00	2.14	2.14	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	9.22	9.22	9.22	9.17	9.22	9.22	9.14	9.17	9.17
n)	RAPP-B (125/440)	32.90	32.81	32.81	32.55	32.90	32.90	32.55	32.55	32.55
o)	RAPP-C (88/440)	19.72	19.72	19.72	20.58	19.72	19.72	20.58	20.58	20.58
p)	SALAL (20.36/690)	3.63	3.89	3.70	3.48	3.63	3.50	3.98	3.48	2.98
q)	URI (70.37/720)	10.07	10.46	10.79	10.33	10.07	10.52	10.56	10.33	10.37
r)	TANAKPUR (10.86/94)	2.50	2.50	2.47	2.50	2.50	2.45	2.50	2.50	2.48
s)	CHAMERA -I (105.84/540)	12.15	13.52	12.74	11.76	12.15	11.76	11.76	11.76	11.76
t)	CHAMERA-II (29.01/300)	5.37	6.09	5.25	5.42	5.37	4.84	5.31	5.42	5.17
u)	CHAMERA-III (25.21/231)	4.19	4.27	4.03	4.19	4.19	3.79	4.19	4.19	4.19
v)	DHAULIGANGA (27/280)	5.42	5.72	4.73	5.17	5.42	4.85	5.02	5.17	5.15
w)	DULHASTI (42.42/390)	2.67	10.09	10.09	9.74	2.67	1.96	10.05	9.74	9.74
x)	SEWA (13/120)	0.76	0.76	0.76	0.76	0.76	0.76	2.39	0.76	1.08
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	27.68	28.84	26.27	25.48	27.68	23.88	25.28	25.48	24.34
z)	TEHRI (75/1000)	10.31	6.75	8.60	7.58	10.31	10.31	7.58	7.58	7.58
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	17.79	11.80	18.09	14.45	17.79	16.20	14.45	14.45	15.14
ab)	TALA	3.61	3.61	3.61	3.25	3.61	3.61	3.35	3.25	3.25
ac)	MUNDRA UMPP (380/4000)	72.96	72.96	72.96	80.21	72.96	72.96	69.43	80.21	80.47
ad)	SASAN (372/3960)	87.48	87.48	87.48	87.48	87.48	87.48	87.48	87.48	87.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	9.62	2.61	14.98	9.39	9.62	22.17	9.45	9.39	10.84
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	644.22	626.25	679.47	684.72	644.22	682.08	680.76	684.72	688.41
	LOSSES	-23.80	-18.15	-24.96	-25.28	-23.80	-25.05	-23.86	-25.28	-25.41
	NET SCHEDULED	620.42	608.10	654.51	659.44	620.42	657.03	656.90	659.44	663.00
21	BILATERAL (REG.) EXCL. BANKING	14.66	17.40	14.30	13.35	14.66	14.66	14.34	13.35	14.93
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	101.60	91.31	87.99	104.59	98.31	97.95	106.97	99.76	91.71
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-9.39	-3.35	3.36	-12.45	-9.39	-9.39	-17.37	-12.45	-12.45
25	INDIAN ENERGY EXCHANGE	-55.03	-75.42	-75.42	-40.32	-55.03	-55.03	16.87	-40.32	-40.32
	TOTAL(B): (19 TO 25)	672.26	641.42	684.73	724.60	672.26	705.21	777.71	724.60	716.87
	TOTAL GENERATION (A + B) : 1 TO 25			2054.88			2137.93			2119.85
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-16.80			-28.72			-3.87
	GRAND TOTAL	2220.10	2035.60	2038.08	2291.05	2220.10	2109.21	2125.09	2291.05	2115.98
	LAST YEAR	1876.66	1818.03	1839.59	2032.73	1876.66	1892.73	2061.90	2032.73	1930.00

3.SYSTEM PARAMETERS AS ON 10-Sep-17

MAXIMUM DRAWL ON 10-Sep-17	9643 MW at 0.15-0.30 Hrs 49.91Hz
MINIMUM DRAWL ON 10-Sep-17	7151 MW at 18.00-18.15 Hrs 50.00 Hz
Max U/D of the day	381 MW at 9.00 Hrs 49.97Hz
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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	65
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	26
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
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	1
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
AVERAGE FREQ. FOR THE DAY 10-Sep-17	49.97 Hz
Max O/D of the day	387 MW at 17.45 Hrs 50.03Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	8.10
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.37
ABOVE 50.05 HZ	8.53
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

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	11-Sep-17	11-Sep-16	10-Sep-17	10-Sep-17
Gandhi Sagar (Ft.)	1312	1250	1299.50	1309.99	1594	1142
R.P.Sagar (Ft.)	1157.5	1128	1145.34	1157.10	3539	NA
Jawahar Sagar (Ft.)	980	970.4	974.00	976.80	3616	NA
Kota Barrage(Ft.)	854.5	852.3	852.30	853.20		
RMC					200	
LMC					3000	
Bhakra(Ft.)	1690	1462	1672.73	1649.89	26901	21257
Dehar (Ft.)	2941	2900	2926.31	2924.08	8397	8992
Pong(Ft.)	1421	1260	1383.27	1371.08	15001	12026
Mahi-I (Mts.)	281.5	259	281.50	281.50	1470	NA
Mahi-II (Mts.)	220.5	217	220.00	219.60	1312	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
11-Sep-17	KTPS	16487	1 DAY
	STPS	3415	0.5 DAY
	CHHABRA	90423	12 DAYS
	KALISINDH	86647	6 DAYS

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

11-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	HRSG02*	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	GT02*	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 20 DAYS)
Total(A) STATE SECTOR- PLANNED OUTAGE		540.00	445.00	118.80	445.00					
CENTRAL SECTOR										
DADRI	GT04	130.19	22	5.30	22	06-Apr-17	0.23			LESS GAS AVAILABILITY
AURAIYA	GT02	111.19	18	4.40	18	30-May-17	5.06			LESS GAS AVAILABILITY
AURAIYA	GT05	109.30	12	2.90	12	30-May-17	5.15			LESS GAS AVAILABILITY
AURAIYA	GT01	111.19	18	4.40	18	30-May-17	5.22			LESS GAS AVAILABILITY
Total(A-D)CENTRAL SECTOR- PLANNED OUTAGE		461.87	70.00	17.00	70.00					

(B) FORCE OUTAGE

STATE SECTOR

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-I
RAMGARH	GT01	37.50	29	7.00	29	01-Jul-17	12.19	11-Sep-17		HIGH VIBERATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	11-Sep-17		TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	11-Sep-17		BOILER LHIS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
BARSINGSAR	2	125.00	110	26.40	110	30-Aug-17	10.30	11-Sep-17		BOILER REFRACTORY DAMAGE
RAJWEST	4	135.00	120	28.80	120	03-Sep-17	1.58	11-Sep-17		M/T DUE TO HEAVY BED MATERIAL LEAKAGE
KALISINDH	2	600.00	565	0.00	0	09-Sep-17	19.47	10-Sep-17	0.11	LT SWITCHGEAR FLASHOVER
DCCPP	STG-1	110.00	100	0.00	0	10-Sep-17	0.15	10-Sep-17	3.37	DRUM LEVEL HIGH
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15			INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10			INSUFFICIENT COAL STOCK
Total(B) STATE SECTOR-FORCED OUTAGE		2542.50	2277.00	387.00	1612.00					

CENTRAL SECTOR

CENTRAL SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
BHAJAR	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			388.20	1617.00						

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).