



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

<b>Power Position 15-Sep-17</b>	<b>Point No.</b>
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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	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								
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	2025.57	24.90	29.45	9655.00	8932.00	49.99	283.02
MIN OF THE MONTH	1806.01	1510.32	1639.45	1424.48	-28.72	-10.12	7826.00	6847.00	49.91	40.04
AVERAGE	2016.64	1888.75	1925.42	1766.59	0.00	4.40	8951.07	8046.29	49.95	124.72
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
		14-Sep-17		
1	KTPS (1240/1240)	170.00	169.00	180.19
2	STPS (1500/1500)	165.00	175.00	175.46
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	21.62
4	RAMGARH (273.5/273.5)	46.00	46.00	45.66
5	RAPP-A(200/200)	40.00	40.00	41.60
6	MAHI (140/140)	0.00	0.00	16.29
7	CHAMBAL (RPS+JS) (135.5/271)	2.00	2.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	109.31
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	263.00	420.00	333.33
11	WIND FARM (3980.40/4119.15)	41.00	68.88	66.58
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	26.31	26.79	26.68
16	BIOMASS – (101.95/119.25)	4.00	4.00	3.66
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.26
18	RAJWEST (1080/1080)	171.00	171.00	169.41
	<b>TOTAL (A) : 1-18</b>	<b>1063.31</b>	<b>1257.66</b>	<b>1216.05</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	40.96	41.54	41.26
b)	DEHAR (198/ 990)	25.56	23.04	22.32
c)	PONG (231.66/396)	33.95	33.67	33.10
	<b>TOTAL : a TO c</b>	<b>100.48</b>	<b>98.24</b>	<b>96.68</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.48	91.48	91.48
e)	RIHAND (310.24/3000)	122.38	122.38	122.38
f)	UNCHAHAAR-I(20/420)	2.86	2.36	6.29
g)	UNCHAHAAR-II& III(61/630)	10.48	8.95	23.14
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	4.02	4.52	11.40
j)	DADRI GAS (77/830)	1.84	1.12	2.77
k)	ANTA (83.07/419)	0.96	0.00	0.00
l)	AURAIYA (61.03/663)	0.25	0.04	0.04
m)	NAPP (44/440)	4.39	4.56	4.56
n)	RAPP-B (125/440)	33.07	33.07	33.07
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	3.44	2.41	2.48
q)	URI (70.37/720)	10.34	10.41	10.02
r)	TANAKPUR (10.86/94)	2.50	2.50	2.50
s)	CHAMERA –I (105.84/540)	10.19	9.80	10.28
t)	CHAMERA-II (29.01/300)	5.39	5.45	4.05
u)	CHAMERA-III (25.21/231)	3.47	3.47	3.31
v)	DHAULIGANGA (27/280)	4.12	5.08	4.56
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)	23.08	23.08	22.51
z)	TEHRI (75/1000)	6.83	7.58	7.58
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	8.58	8.85	13.75
ab)	TALA	3.31	3.25	3.25
ac)	MUNDRA UMPP (380/4000)	52.32	50.15	51.85
ad)	SASAN (372/3960)	87.48	87.48	87.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.00	22.30	23.75
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	648.69	639.95	670.59
	LOSSES	-17.86	-17.66	-23.00
	NET SCHEDULED	<b>630.83</b>	<b>622.30</b>	<b>647.60</b>
21	BILATERAL (REG.) EXCL. BANKING	13.15	13.39	13.39
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	99.39	95.60	99.39
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-26.31	-26.79	-26.68
25	INDIAN ENERGY EXCHANGE	25.64	1.05	1.05
	<b>TOTAL(B): (19 TO 25)</b>	<b>742.70</b>	<b>709.34</b>	<b>734.74</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1950.79</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.90
	<b>GRAND TOTAL</b>	<b>1806.01</b>	<b>1967.00</b>	<b>1975.69</b>
	LAST YEAR	1961.15	1984.37	2025.57

## 3.SYSTEM PARAMETERS AS ON 14-Sep-17

MAXIMUM DRAWL ON 14-Sep-17	8999 MW at 00.30-00.45 Hrs 49.92 Hz
MINIMUM DRAWL ON 14-Sep-17	7300 MW at 12.00-12.15 Hrs 49.92 Hz
Max U/D of the day	442 MW at 18.15-18.30 Hrs 49.95Hz
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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	68
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	14
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	17
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
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
AVERAGE FREQ. FOR THE DAY 14-Sep-17	49.95 Hz
Max O/D of the day	495 MW at 00.00-23.45Hrs 49.97 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	19.73
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.96
ABOVE 50.05 HZ	4.31
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.	15-Sep-17	15-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1299.70	1310.09	NIL	NA
R.P.Sagar (Ft.)	1157.5	1128	1145.53	1157.10	NA	5034
Jawahar Sagar (Ft.)	980	970.4	974.50	978.70	1584	1580
Kota Barrage(Ft.)	854.5	852.3	852.80	853.60		
RMC					20	
LMC					400	
Bhakra(Ft.)	1690	1462	1671.35	1650.70	27600	19621
Dehar (Ft.)	2941	2900	2918.76	2926.18	7387	6627
Pong(Ft.)	1421	1260	1382.71	1370.98	11802	7935
Mahi-I (Mts.)	281.5	259	281.50	281.35	0	NA
Mahi-II (Mts.)	220.5	217	219.15	217.80	0	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
15-Sep-17	KTPS	12930	0.5 day
	STPS	801	0 day
	CHHABRA	63134	8.5 days
	KALISINDH	58724	4 days

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

15-Sep-17

## (A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			DATE		TIME		REASON OF OUTAGE
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)
DCPP	HRSG#2*	55.00	50	24.00	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END)
DCPP	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 DCPP 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

DABRI	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

## STATE SECTOR

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	7.90	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	15-Sep-17		BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE( FROM 2.08.17 DUE TO COAL-SHORTAGE)
BARINGSAR	2	125.00	110	26.40	110	30-Aug-17	10.30	15-Sep-17		BOILER REFRACTORY DAMAGE
RAJWEST	4	135.00	120	28.68	120	03-Sep-17	1.58	16-Sep-17		M/T DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	15-Sep-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	15-Sep-17		INSUFFICIENT COAL STOCK
KTPS	2	110.00	100	23.00	100	12-Sep-17	17.00	15-Sep-17		SHORTAGE OF COAL
KTPS	1	110.00	100	23.00	100	12-Sep-17	17.27	15-Sep-17		SHORTAGE OF COAL
RAJWEST	7	135.00	120	28.68	120	13-Sep-17	23.32	15-Sep-17		BED MATERIAL LEAKAGE
KALISINDH	1	600.00	565	135.60	565	14-Sep-17	11.26			B.T.L
STPS	4	250.00	229	55.00	229	14-Sep-17	23.56			INSUFFICIENT COAL STOCK
Total(B)STATE SECTOR-FORCED OUTAGE		3037.50	2726.00	652.16	2726.00					

## CENTRAL SECTOR

JHAJJAR	1	500.00	5	1.20	5	09-Sep-17	1.16			PRIMARY AIR HEATER PROBLEM
AURAIYA	3	111.19	18	4.40	18	14-Sep-17	1.09			DUE TO LESS SUPPLY OF SPOT RLNG BY GAIL(AS INFORMED BY NTPC)
AURAIYA	6	109.30	12	2.90	12	14-Sep-17	1.17			DUE TO LESS SUPPLY OF SPOT RLNG BY GAIL(AS INFORMED BY NTPC)
AURAIYA	4	111.19	18	4.40	18	14-Sep-17	1.21			DUE TO LESS SUPPLY OF SPOT RLNG BY GAIL(AS INFORMED BY NTPC)
Total(B)CENTRAL SECTOR-FORCED OUTAGE		831.68	53.00	12.90	53.00					
G.TOTAL				665.06	2779.00					

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).