



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

<b>Power Position 14-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		
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								
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										
1-Oct-17										
1-Sep-17										
MAXIMUM OF THE MONTH	2291.05	3032.73	2115.99	2015.34	23.15	25.53	9655.00	8920.00	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	2030.69	1883.93	1921.55	1746.67	-1.91	2.48	8947.38	7978.15	49.95	129.19

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
		13-Sep-17		
1	KTPS (1240/1240)	169.00	169.00	174.70
2	STPS (1500/1500)	175.00	175.00	176.04
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	21.29
4	RAMGARH (273.5/273.5)	46.00	35.00	36.77
5	RAPP-A(200/200)	40.00	40.00	41.60
6	MAHI (140/140)	0.00	0.00	15.72
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	104.73
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	405.71
11	WIND FARM (3980.40/4119.15)	68.88	70.50	70.75
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	26.79	20.18	19.94
16	BIOMASS – (101.95/119.25)	4.00	5.00	3.94
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.09
18	RAJWEST (1080/1080)	171.00	200.00	196.87
	<b>TOTAL (A) : 1-18</b>	<b>1257.66</b>	<b>1271.68</b>	<b>1294.15</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	41.54	42.23	41.77
b)	DEHAR (198/ 990)	23.04	27.36	24.18
c)	PONG (231.66/396)	33.67	37.76	35.47
	<b>TOTAL : a TO c</b>	<b>98.24</b>	<b>107.34</b>	<b>101.42</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)	UNCHAHAHAR-I(20/420)	2.36	2.00	4.93
g)	UNCHAHAHAR-II& III(61/630)	8.95	7.27	17.52
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-I ( 43.22/980) + DADRI-TH	4.52	3.89	10.26
j)	DADRI GAS (77/830)	1.12	1.51	2.23
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.04	0.00	0.00
m)	NAPP (44/440)	4.56	5.68	5.68
n)	RAPP-B (125/440)	33.07	32.72	32.72
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	2.41	3.54	2.97
q)	URI (70.37/720)	10.41	10.41	10.16
r)	TANAKPUR (10.86/94)	2.50	2.50	2.46
s)	CHAMERA –I (105.84/540)	9.80	10.78	10.19
t)	CHAMERA-II (29.01/300)	5.45	5.08	4.09
u)	CHAMERA-III (25.21/231)	3.47	3.91	3.27
v)	DHAULIGANGA (27/280)	5.08	4.60	4.38
w)	DULHASTI (42.42/390)	10.09	10.05	10.05
x)	SEWA (13/120)	0.76	0.98	0.98
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	23.08	22.24	22.39
z)	TEHRI (75/1000)	7.58	7.58	7.58
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	8.85	9.66	14.53
ab)	TALA	3.25	3.15	3.15
ac)	MUNDRA UMPP (380/4000)	50.15	56.86	56.55
ad)	SASAN (372/3960)	87.48	72.00	78.49
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.30	22.06	21.72
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	639.95	640.23	662.12
	LOSSES	-17.66	-17.17	-22.66
	NET SCHEDULED	<b>622.30</b>	<b>623.06</b>	<b>639.47</b>
21	BILATERAL (REG.) EXCL. BANKING	13.39	13.39	13.78
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	99.39	82.95	86.27
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-26.79	-20.18	-19.94
25	INDIAN ENERGY EXCHANGE	1.05	-1.49	-1.49
	<b>TOTAL(B): (19 TO 25)</b>	<b>709.34</b>	<b>701.05</b>	<b>718.09</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2012.23</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-0.67
	<b>GRAND TOTAL</b>	<b>1967.00</b>	<b>1972.73</b>	<b>2011.57</b>
	LAST YEAR	1984.37	2029.51	2015.34

## 3. SYSTEM PARAMETERS AS ON 13-Sep-17

MAXIMUM DRAWL ON 13-Sep-17	9275 MW at 00.00-00.15 Hrs 49.90 Hz
MINIMUM DRAWL ON 13-Sep-17	7164 MW at 18.00-18.15 Hrs 49.91 Hz
Max U/D of the day	370 MW at 04.00-04.15 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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	66
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	19
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	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.	14-Sep-17	14-Sep-16	13-Sep-17	13-Sep-17
Gandhi Sagar (Fl.)	1312	1250	NA	1310.06	NIL	NA
R.P.Sagar (Ft.)	1157.5	1128	1145.40	1157.08	NA	NA
Jawahar Sagar (Ft.)	980	970.4	974.71	978.70	NIL	NA
Kota Barrage(Fl.)	854.5	852.3	853.00	853.00		
RMC					20	
LMC					400	
Bhakra(Ft.)	1690	1462	1671.76	1650.70	27891	20302
Dehar (Ft.)	2941	2900	2923.88	2925.74	6544	7153
Pong(Ft.)	1421	1260	1382.84	1371.20	11703	9323
Mahi-I (Mts.)	281.5	259	281.50	281.35	3973	NA
Mahi-II (Mts.)	220.5	217	219.40	217.80	1123	NA

## 5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	13-Sep-17	49.95 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	412 MW at 06.30-06.45 Hrs 50.00 Hz		14/Sep/17	KTPS	11541	0.5 day
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	16.34					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.78					
ABOVE 50.05 HZ	5.88					
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	65					
No. of 132 KV Feeders Disconnected	0					
				STPS	1658	0.5 day
				CHHABRA	68195	9 days
				KALISINDH	63184	4.5 days

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

14/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 (S/D W.E.F.15.07.14)
DCCPP	HRS#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	8-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	9-Sep-17	23.45				EOH INSPECTION FOR 4000HRS
Total(A)-CENTRAL SECTOR- PLANNED OUTAGE		130.19	22.00	5.30	22.00						

## (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	
RANGARI	GT#1	37.50	29	7.00	29	1-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	
BARSINGAR	2	125.00	110	26.40	110	30-Aug-17	10.30	14-Sep-17		BOILER REFRACTORY DAMAGE	
RAJWEST	4	135.00	120	28.68	120	3-Sep-17	1.58	16-Sep-17		MT DUE TO HEAVY BED MATERIAL LEAKAGE	
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	14-Sep-17		INSUFFICIENT COAL STOCK	
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	14-Sep-17		INSUFFICIENT COAL STOCK	
RANGARI	STG#2	50.00	40	0.00	0	12-Sep-17	13.10	13-Sep-17	13.25	BT FAN MOTOR BURNT	
KTPS	2	110.00	100	23.00	100	12-Sep-17	17.00	14-Sep-17		SHORTAGE OF COAL	
KTPS	1	110.00	100	23.00	100	12-Sep-17	17.27	14-Sep-17		SHORTAGE OF COAL	
RAJWEST	7	135.00	120	28.68	120	13-Sep-17	23.32	15-Sep-17		BED MATERIAL LEAKAGE	
Total(B) STATE SECTOR-FORCED OUTAGE		2237.50	1972.00	461.56	1932.00						

## CENTRAL SECTOR

JHAJJAR	1	500.00	5	1.20	5	9-Sep-17	1.16				PRIMARY AIR HEATER PROBLEM
Total(B) CENTRAL SECTOR- FORCED OUTAGE		500.00	5.00	1.20	5.00						

## G.TOTAL

462.76

1937.00

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 (\$).