



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

<b>Power Position 19-Sep-17</b>	<b>Point No.</b>
<b>Date-wise Energy Availability, Consumption, Peak Load &amp; Average Frequency</b>	<b>1</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	<b>283.02</b>
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	<b>2291.05</b>	<b>3032.73</b>	<b>2115.99</b>	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	<b>2025.57</b>	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	<b>37.80</b>	34.73	9286.00	8760.00	49.97	52.22
17-Sep-17	2036.98	2002.89	1987.77	2016.78	13.02	35.51	9054.00	<b>9013.00</b>	<b>50.02</b>	32.78
18-Sep-17	2068.97	1950.36	2089.80	1953.03	20.25	<b>55.61</b>	<b>9787.00</b>	8634.00	50.01	44.24
19-Sep-17	2022.57	2021.96								
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	<b>2291.05</b>	<b>3032.73</b>	<b>2115.99</b>	<b>2025.57</b>	<b>37.80</b>	<b>55.61</b>	<b>9787.00</b>	<b>9013.00</b>	<b>50.02</b>	<b>283.02</b>
MIN OF THE MONTH	<b>1806.01</b>	<b>1510.32</b>	<b>1639.45</b>	<b>1424.48</b>	<b>-28.72</b>	<b>-10.12</b>	<b>7826.00</b>	<b>6847.00</b>	<b>49.91</b>	<b>28.63</b>
AVERAGE	<b>2011.57</b>	<b>1906.53</b>	<b>1943.91</b>	<b>1814.25</b>	<b>5.92</b>	<b>11.93</b>	<b>9014.56</b>	<b>8207.22</b>	<b>49.96</b>	<b>105.77</b>
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
		18-Sep-17		
1	KTPS (1240/1240)	268.00	258.00	223.73
2	STPS (1500/1500)	164.00	164.00	128.80
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	21.56
4	RAMGARH (273.5/273.5)	45.00	46.00	45.39
5	RAPP-A(200/200)	0.00	40.00	20.76
6	MAHI (140/140)	0.00	0.00	16.17
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	103.05
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	380.52
11	WIND FARM (3980.40/4119.15)	26.00	20.75	44.24
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	74.87
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	18.43	18.66	18.66
16	BIOMASS – (101.95/119.25)	3.00	5.00	3.05
17	BARSINGHAR LTPS(250/250)	54.00	53.00	52.40
18	RAJWEST (1080/1080)	200.00	200.00	198.62
	<b>TOTAL (A) : 1-18</b>	<b>1307.43</b>	<b>1334.41</b>	<b>1331.82</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	41.12	40.97	41.26
b)	DEHAR (198/ 990)	20.09	19.90	19.34
c)	PONG (231.66/396)	34.90	35.76	34.90
	<b>TOTAL : a TO c</b>	<b>96.11</b>	<b>96.62</b>	<b>95.50</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.77	91.48	91.28
e)	RIHAND (310.24/3000)	122.38	122.38	122.38
f)	UNCHAHAAR-I(20/420)	1.79	0.86	2.61
g)	UNCHAHAAR-II& III(61/630)	6.70	3.14	9.52
h)	INDIRA GANDHI STPS(JHA/JHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	9.64	9.64	9.64
j)	DADRI GAS (77/830)	2.47	2.75	2.72
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	4.56	4.42	4.42
n)	RAPP-B (125/440)	0.00	35.15	35.15
o)	RAPP-C (88/440)	19.86	20.00	20.00
p)	SALAL (20.36/690)	2.55	2.80	2.63
q)	URI (70.37/720)	9.11	9.27	8.43
r)	TANAKPUR (10.86/94)	2.50	2.50	2.51
s)	CHAMERA –I (105.84/540)	9.36	9.36	9.36
t)	CHAMERA-II (29.01/300)	3.87	3.67	3.80
u)	CHAMERA-III (25.21/231)	2.75	3.47	3.23
v)	DHAULIGANGA (27/280)	4.19	4.00	4.00
w)	DULHASTI (42.42/390)	10.09	10.07	10.07
x)	SEWA (13/120)	0.54	0.54	0.54
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	20.21	20.67	21.06
z)	TEHRI (75/1000)	7.20	7.20	7.58
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	8.58	8.58	13.19
ab)	TALA	2.80	2.72	2.72
ac)	MUNDRA UMPP (380/4000)	67.92	67.92	67.92
ad)	SASAN (372/3960)	89.34	89.01	89.01
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.15	20.90	16.18
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	616.45	649.13	655.45
	LOSSES	-18.29	-19.12	-23.91
	NET SCHEDULED	<b>598.16</b>	<b>630.01</b>	<b>631.54</b>
21	BILATERAL (REG.) EXCL. BANKING	10.73	10.73	12.38
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.96	111.50	114.96
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-18.43	-18.66	-18.66
25	INDIAN ENERGY EXCHANGE	9.73	-2.48	-2.48
	<b>TOTAL(B): (19 TO 25)</b>	<b>715.14</b>	<b>734.56</b>	<b>737.73</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2069.55</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			20.25
	<b>GRAND TOTAL</b>	<b>2022.57</b>	<b>2068.97</b>	<b>2089.80</b>
	LAST YEAR	2021.96	1950.36	1953.03

## 3.SYSTEM PARAMETERS AS ON 18-Sep-17

MAXIMUM DRAWL ON 18-Sep-17	9787 MW at 23.15-23.30 Hrs 50.01 Hz
MINIMUM DRAWL ON 18-Sep-17	7570 MW at 18.00-18.15 Hrs 49.96 Hz
Max U/D of the day	249 MW at 15.00 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	27
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	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	54
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	15
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	7
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.	19-Sep-17	19-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1300.87	1310.18	336	16324
R.P.Sagar (Ft.)	1157.5	1128	1145.92	1157.10	NA	NIL
Jawahar Sagar (Ft.)	980	970.4	976.50	979.50	NA	NIL
Kota Barrage(Ft.)	854.5	852.3	852.40	853.90		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1669.43	1650.57	27683	17175
Dehar (Ft.)	2941	2900	2922.90	2926.90	5413	5636
Pong(Ft.)	1421	1260	1381.89	1369.83	12010	4276
Mahi-I (Mts.)	281.5	259	281.50	281.50	3535	6145
Mahi-II (Mts.)	220.5	217	218.95	218.10	1168	NA

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

AVERAGE FREQ. FOR THE DAY		18-Sep-17	50.01 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	Frequency Profile	550 MW at 0.15Hrs 50.03 Hz	% of Time				
LESS THAN 49.7 HZ	0.00						
LESS THAN 49.90 HZ	2.25						
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.11						
ABOVE 50.05 HZ	23.64						
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			19-Sep-17	STPS	8960	0.5 DAYS
6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.							
(A) PLANNED OUTAGE							
Total(A) STATE SECTOR-PLANNED OUTAGE							
CENTRAL SECTOR				19-Sep-17	CHHABRA	52365	7 DAYS
DABRI							
Total(A) CENTRAL SECTOR-PLANNED OUTAGE							
CENTRAL SECTOR							
(B) FORCED OUTAGE				19-Sep-17	KALISINDH	43883	3 DAYS
STATE SECTOR							
STATE SECTOR							
Total(B) STATE SECTOR-FORCED OUTAGE							
CENTRAL SECTOR				19-Sep-17	JHAJAR	1.16	PRIMARY AIR HEATER PROBLEM
DABRI							
Total(B) CENTRAL SECTOR-FORCED OUTAGE							
CENTRAL SECTOR							
G.TOTAL				489.97	2039.00		

## 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 (SD W.E.F.15.07.14)
DCPP	HRS02*	55.00	50	24.00	50	13-Jul-16	16.35		BOXED UP (PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCPP END)
DCPP	GT92*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP (PERMISSION GIVEN BY RU/NL 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									
CENTRAL SECTOR									
DABRI	GT92	130.19	22	5.30	22	09-Sep-17	23.45		EOH INSPECTION FOR 4000HRS
Total(A) CENTRAL SECTOR-PLANNED OUTAGE									

## (B) FORCED 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	16-Oct-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR
RANGARIH	GT91	37.50	29	7.00	29	01-Jul-17	12.19	19-Sep-17	HIGH VIBERATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	19-Sep-17	TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	19-Sep-17	BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE( FROM 21.08.17 DUE TO COAL SHORTAGE)
RAJWEST	4	135.00	120	28.68	120	03-Sep-17	1.58	19-Sep-17	MT DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	19-Sep-17	INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	19-Sep-17	INSUFFICIENT COAL STOCK
KTPS	2	110.00	100	0.00	0	12-Sep-17	17.00	18-Sep-17	3.28 SHORTAGE OF COAL
KTPS	1	110.00	100	0.00	0	12-Sep-17	17.27	18-Sep-17	0.29 SHORTAGE OF COAL
STPS	4	250.00	229	55.00	229	14-Sep-17	23.56	19-Sep-17	INSUFFICIENT COAL STOCK
STPS	1	250.00	229	0.00	0	18-Sep-17	11.11	18-Sep-17	12.28 LOW VACUUMME
RAFP A	2	200.00	150	36.00	150	18-Sep-17	12.47		PROCESS SIDE PROBLEM
RANGARIH	STG91	37.50	10	0.19	0	19-Sep-17	3.45	19-Sep-17	5.18 HPPFP
Total(B) STATE SECTOR-FORCED OUTAGE									
CENTRAL SECTOR									
JHAJAR	1	500.00	5	1.20	5	09-Sep-17	1.16		PRIMARY AIR HEATER PROBLEM
AURAIYA	3	111.19	18	0.00	0	14-Sep-17	1.09	18-Sep-17	17.27 DUE TO LESS SUPPLY OF SPOT RING BY GAIL(AS INFORMED BY NTPC)
AURAIYA	6	109.30	12	0.00	0	14-Sep-17	1.17	18-Sep-17	21.20 DUE TO LESS SUPPLY OF SPOT RING 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 RING BY GAIL(AS INFORMED BY NTPC)
DABRI	3	130.19	22	5.30	22	16-Sep-17	23.00		FUEL SHORTAGE
DABRI	6	154.51	16	0.00	0	16-Sep-17	23.16	18-Sep-17	21.49 FUEL SHORTAGE
DABRI	4	130.19	22	0.00	0	16-Sep-17	23.30	18-Sep-17	19.06 FUEL SHORTAGE
DABRI	1	130.19	22	5.30	22	17-Sep-17	0.06		FUEL SHORTAGE
AURAIYA	1	111.19	18	4.40	18	17-Sep-17	5.51		FUEL SHORTAGE
ANTA	3	88.71	31	7.50	31	17-Sep-17	6.19		FUEL SHORTAGE
AURAIYA	5	109.30	12	2.90	12	17-Sep-17	12.28		FUEL SHORTAGE
ANTA	1	88.71	31	0.00	0	17-Sep-17	12.32	18-Sep-17	19.24 FUEL SHORTAGE
AURAIYA	2	111.19	18	4.40	18	17-Sep-17			FUEL SHORTAGE
ANTA	4	153.20	12	2.90	12	17-Sep-17	12.36		FUEL SHORTAGE
ANTA	2	88.71	31	0.00	0	17-Sep-17	13.07	18-Sep-17	16.16 FUEL SHORTAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE									
G.TOTAL									
			489.97	2039.00					

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 (\$).