



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

Power Position 10-Aug-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
Aug-17										
1-Aug-17	1809.65	1800.23	1534.97	1554.82	12.04	7.12	7350	6860	49.97	350.64
2-Aug-17	1764.56	<b>1815.96</b>	1610.64	1467.68	3.16	28.67	7731	6806	<b>50.00</b>	400.25
3-Aug-17	1852.55	1538.67	1638.77	1503.44	7.49	<b>29.39</b>	7968	6856	49.99	403.92
4-Aug-17	1830.71	1511.41	1750.79	1446.47	2.95	17.17	<b>8572</b>	6885	49.97	<b>448.85</b>
5-Aug-17	1744.96	1430.37	1805.79	1506.32	18.72	29.04	8337	6922	49.95	196.59
6-Aug-17	1790.03	1599.74	<b>1818.60</b>	<b>1580.45</b>	<b>34.42</b>	11.47	8235	<b>7226</b>	49.95	109.40
7-Aug-17	1904.07	1624.55	1804.69	1579.03	17.06	-0.23	8398	7140	49.97	85.42
8-Aug-17	1909.97	1673.12	1796.52	1516.77	6.38	-4.44	8057	6937	49.94	117.77
9-Aug-17	1897.76	1717.98	1816.65	1412.23	-2.69	0.43	8321	6401	49.95	189.48
10-Aug-17	<b>1989.11</b>	1539.61								
11-Aug-17										
12-Aug-17										
13-Aug-17										
14-Aug-17										
15-Aug-17										
16-Aug-17										
17-Aug-17										
18-Aug-17										
19-Aug-17										
20-Aug-17										
21-Aug-17										
22-Aug-17										
23-Aug-17										
24-Aug-17										
25-Aug-17										
26-Aug-17										
27-Aug-17										
28-Aug-17										
29-Aug-17										
30-Aug-17										
31-Aug-17										
1-Sep-17										
MAXIMUM OF THE MONTH	<b>1989.11</b>	<b>1815.96</b>	<b>1818.60</b>	<b>1580.45</b>	<b>34.42</b>	<b>29.39</b>	<b>8572.00</b>	<b>7226.00</b>	<b>50.00</b>	<b>448.85</b>
MIN OF THE MONTH	<b>1744.96</b>	<b>1430.37</b>	<b>1534.97</b>	<b>1412.23</b>	<b>-2.69</b>	<b>-4.44</b>	<b>7350.00</b>	<b>6401.00</b>	<b>49.94</b>	<b>85.42</b>
AVERAGE	<b>1864.58</b>	<b>1660.69</b>	<b>1730.82</b>	<b>1507.47</b>	<b>11.06</b>	<b>13.18</b>	<b>8107.67</b>	<b>6892.56</b>	<b>49.97</b>	<b>255.81</b>

MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)

2211.92

6-Jun-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
		9-Aug-17		
1	KTPS (1240/1240)	42.00	42.00	37.89
2	STPS (1500/1500)	55.00	55.00	46.26
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	45.29
5	RAPP-A(200/200)	36.00	36.00	40.58
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	19.19
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	46.00	82.56
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	424.00	390.52
11	WIND FARM (3980.40/4119.15)	348.00	205.00	189.48
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	-20.01	-24.24	-24.28
16	BIOMASS – (101.95/119.25)	4.00	4.00	4.49
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.48
18	RAJWEST (1080/1080)	201.00	229.00	178.69
	<b>TOTAL (A) : 1-18</b>	<b>1325.99</b>	<b>1088.76</b>	<b>1036.15</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	33.96	33.74	33.32
b)	DEHAR (198/ 990)	28.79	29.07	28.24
c)	PONG (231.66/396)	54.58	49.35	53.25
	<b>TOTAL : a TO c</b>	<b>117.33</b>	<b>112.16</b>	<b>114.81</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	89.91	89.05	88.30
e)	RIHAND (310.24/3000)	78.23	100.68	91.09
f)	UNCHAHAHAR-I(20/420)	0.00	0.83	2.15
g)	UNCHAHAHAR-II& III(61/630)	2.82	3.36	8.10
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	1.24	8.23	5.06
j)	DADRI GAS (77/830)	2.00	1.59	1.67
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)	4.37	4.35	4.35
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	20.00	20.00	20.00
p)	SALAL (20.36/690)	4.79	4.79	4.79
q)	URI (70.37/720)	16.73	16.70	16.61
r)	TANAKPUR (10.86/94)	2.36	2.39	2.43
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96
u)	CHAMERA-III (25.21/231)	6.02	6.02	6.02
v)	DHAULIGANGA (27/280)	6.50	6.50	6.50
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	2.16	2.16	2.16
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	31.15	34.83	21.94
z)	TEHRI (75/1000)	18.22	18.14	18.14
aa)	KOTESHWR (33.44/400 ) + PARBATI3 (56.73/520)	20.40	20.40	33.94
ab)	TALA	3.42	3.46	3.46
ac)	MUNDRA UMPP (380/4000)	90.72	90.48	90.48
ad)	SASAN (372/3960)	68.96	73.10	68.97
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	0.65	6.67	11.62
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	661.25	699.20	695.89
	LOSSES	-9.96	-9.73	-21.94
	NET SCHEDULED	<b>651.29</b>	<b>689.47</b>	<b>673.94</b>
21	BILATERAL (REG.) EXCL. BANKING	26.44	26.44	16.12
22	BANKING	-12.14	-12.14	-12.14
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	86.34	85.39	86.34
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	20.01	24.24	24.28
25	INDIAN ENERGY EXCHANGE	-108.83	-5.36	-5.36
	<b>TOTAL(B): (19 TO 25)</b>	<b>663.11</b>	<b>809.00</b>	<b>783.19</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1819.34</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-2.69
	<b>GRAND TOTAL</b>	<b>1989.10</b>	<b>1897.76</b>	<b>1816.65</b>
	LAST YEAR	1539.61	1717.98	1412.24

3.SYSTEM PARAMETERS AS ON 09-Aug-17

MAXIMUM DRAWL ON 09-Aug-17	8321 MW at 23.15-23.30 Hrs 50.01 Hz
MINIMUM DRAWL ON 09-Aug-17	6481 MW at 18.00-08.15 Hrs 49.96 Hz
Max U/D of the day	300 MW at 20.15-20.30 Hrs 49.90Hz
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	13
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	61
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	0
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	20
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	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
AVERAGE FREQ. FOR THE DAY	49.95 Hz
Max O/D of the day	287 MW at 00.45-01.00 Hrs 50.01 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	17.36
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.27
ABOVE 50.05 HZ	7.37
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	7
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.	10-Aug-17	10-Aug-16		
Gandhi Sagar (FL)	1312	1250	1297.10	1299.18	9-Aug-17	2522
R.P.Sagar (FL)	1157.5	1128	1145.00	1156.31	N/A	5034
Jawahar Sagar (FL)	980	970.4	974.40	976.20	NIL	14088
Kota Barrage(FL)	854.5	852.3	850.90	851.70		
RMC					20	
LMC					NIL	
Bhakra(FL)	1690	1462	1649.90	1616.53	19609	50724
Dehar (FL)	2941	2900	2920.27	2921.71	8490	25477
Pong(FL)	1421	1260	1371.41	1347.35	18009	85133
Mahi-I (Mts.)	281.5	259	N/A	280.95	N/A	NIL
Mahi-II (Mts.)	220.5	217	218.90	218.10	N/A	NIL

5.POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
10/Aug/17	KTPS	321956	16 DAYS
	STPS	97553	3 DAYS
	CHHABRA	157941	21 DAYS
	KALISINDH	200858	14 DAYS

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

10/Aug/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	16.90	70	11-Jul-14	8.20			RED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRS/GP1	55.00	50	12.00	50	3-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUWNL)
DCCPP	GT01	110.00	100	24.00	100	8-May-16	11.05			MIT AFTER CARRYING OUT PPS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 06.05.16)
DCCPP	HRS/GP2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP
STPS	5*	250.00	229	55.00	229	10-May-17	17.00			BOXED UP
STPS	6*	250.00	229	55.00	229	16-May-17	21.41			BOXED UP
KTPS	4*	210.00	192	46.00	192	20-Jun-17	12.06			BOXED UP (SHUT DOWN TAKEN AT 07.00 HRS/04.07.17 BY KTPS (PERMISSION NOT GRANTED BY RUWNL TO LIGHT W.E.F. 16.20 HRS. 20.07.17)
KALISINDH	1*	400.00	565	135.00	565	29-Jun-17	12.44			BOXED UP (SHUT DOWN TAKEN AT 06.40 HRS/07.17 FOR 30 DAYS BY KALISINDH (SHUT DOWN TAKEN & TFP SEND. 05/26/07.17 AND 06/26/08.17 BY KALISINDH (LIGHT UP PERMISSION PENDING. AT RUWNL END FROM
STPS	2*	250.00	229	55.00	229	4-Jul-17	14.22			DESYNCHRONISED AGAINST STPS1 WHICH WAS BOXED-UP)
STPS	3*	250.00	229	55.00	229	16-Jul-17	18.18			BOXED UP
KTPS	5	210.00	192	46.00	192	19-Jul-17	3.01			DESYNCHRONISED DUE TO CLEANGING OF CONDENSER (PERMISSION NOT GRANTED BY RUWNL ON DT. 15.07.17 W.E.F. 16.43 HRS)
KTPS	2*	110.00	100	23.00	100	21-Jul-17	12.46			BOXED UP
KTPS	1*	110.00	100	23.00	100	21-Jul-17	12.48			BOXED UP
KTPS	3*	210.00	192	46.00	192	22-Jul-17	12.48			BOXED UP
KTPS	6*	195.00	175	42.00	175	31-Jul-17	8.21			BOXED UP
STPS	4*	250.00	229	55.00	229	1-Aug-17	15.22			DESYNCHRONISED AGAINST STPS1 WHICH WAS BOXED-UP)
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 I STATE SECTOR- PLANNED OUTAGE			3600.00	3256.00	779.40	3256.00				
CENTRAL SECTOR										
DADRI	GT04	130.19	22	5.30	22	6-Apr-17	0.23			LESS GAS AVAILABILITY
DADRI	GT06	154.51	16	3.90	16	6-Apr-17	21.18			LESS GAS AVAILABILITY
DADRI	GT03	130.19	22	5.30	22	6-Apr-17	21.27			LESS GAS AVAILABILITY
AURAIYA	GT04	111.19	18	4.40	18	7-May-17	22.03			LESS GAS AVAILABILITY
AURAIYA	GT06	109.30	12	2.90	12	12-May-17	21.05			LESS GAS AVAILABILITY
AURAIYA	GT03	111.19	18	4.40	18	12-May-17	21.13			LESS GAS AVAILABILITY
AURAIYA	GT02	111.19	18	4.40	18	20-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
ANTA	GT03	88.71	31	7.50	31	8-Jun-17	12.16			LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	9-Jun-17	21.51			LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	9-Jun-17	22.05			LESS GAS AVAILABILITY
ANTA	GT01	88.71	31	7.50	31	9-Jun-17	22.31			LESS GAS AVAILABILITY
Total A II CENTRAL SECTOR- PLANNED OUTAGE			1497.58	283.00	68.60	283.00				
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.90	70	27-Jun-16	15.27	30-Aug-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RANGARI	GT01	37.50	29	7.00	29	1-Jul-17	12.19	8-Aug-17		HIGH VIBRATION
BARSINGAR	1	125.00	110	26.40	110	28-Jul-17	4.51	12-Aug-17		REFRACTORY PROBLEM
CHHABRA	1	250.00	225	0.00	0	6-Aug-17	7.15	9-Aug-17	18.56	DRUM LEVEL LOW
CHHABRA	2	250.00	225	0.00	0	8-Aug-17	18.56	9-Aug-17	1.03	BUS BAR PROTECTION OPERATED
CHHABRA	4	250.00	225	0.00	0	8-Aug-17	18.56	9-Aug-17	6.40	BUS BAR PROTECTION OPERATED
RAJWEST	8	135.00	120	28.68	120	9-Aug-17	12.03			HEAVY RED MATERIAL LEAKAGE
Total B I STATE SECTOR-FORCED OUTAGE			1172.50	1063.50	78.88	328.50				
CENTRAL SECTOR										
STPP/HAJARI	3	500.00	5	1.20	5	5-Aug-17	23.20			BOILER TUBE LEAKAGE
Total B II CENTRAL SECTOR-FORCED OUTAGE			500.00	5.00	1.20	5.00				
G.TOTAL			80.08	333.50						

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 (\$).