



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

Power Position 29-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		
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	50.00	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	8572	6885	49.97	448.85
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	1818.60	1580.45	34.42	11.47	8235	7226	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	1989.11	1539.61	1847.43	1381.29	7.79	2.94	8831	6546	49.99	339.67
11-Aug-17	2000.77	1545.98	1877.18	1300.58	26.30	15.62	8935	6322	50.01	460.44
12-Aug-17	2018.63	1560.60	1884.32	1328.98	17.41	-1.43	8876	6778	50.00	<b>477.09</b>
13-Aug-17	2033.92	1517.60	1871.69	1426.60	25.60	4.65	8858	7036	49.98	433.05
14-Aug-17	1979.86	1457.67	1914.13	1496.83	25.96	3.52	8884	7101	49.94	184.96
15-Aug-17	1997.44	1683.78	1963.25	1535.23	24.08	14.52	9173	7212	49.99	194.08
16-Aug-17	2147.85	1729.21	2048.10	1658.36	15.28	10.11	9971.00	<b>7807.00</b>	49.99	340.37
17-Aug-17	2249.99	1764.76	2131.42	<b>1722.82</b>	12.44	8.35	9665.00	7709.00	49.97	340.55
18-Aug-17	2288.38	1768.26	<b>2222.22</b>	1645.05	21.32	12.41	10236.00	7502.00	49.97	190.75
19-Aug-17	2121.45	1754.13	2221.14	1683.16	<b>69.41</b>	5.16	10252.00	7599.00	<b>50.02</b>	103.16
20-Aug-17	<b>2295.29</b>	1752.67	2084.72	1642.85	39.94	11.15	<b>10293.00</b>	7334.00	<b>50.02</b>	94.03
21-Aug-17	2204.33	1573.45	2180.76	1562.56	49.65	4.97	9863.00	7086.00	49.98	60.38
22-Aug-17	2261.01	1542.10	2220.63	1542.28	21.76	0.42	10155.00	7098.00	49.98	50.87
23-Aug-17	2268.31	1487.73	2142.44	1566.79	16.48	1.10	9926.00	7068.00	49.97	72.27
24-Aug-17	2287.71	1512.67	2069.44	1528.20	18.79	2.97	9174.00	7401.00	49.99	186.62
25-Aug-17	2291.13	1596.30	1910.49	1458.15	16.72	2.96	8995.00	7058.00	49.99	222.70
26-Aug-17	2123.70	1664.40	1890.77	1595.67	25.58	12.37	8773.00	7371.00	49.97	85.59
27-Aug-17	2097.07	1560.58	1886.60	1640.37	6.61	26.86	9385.00	7390.00	49.99	62.66
28-Aug-17	2158.99	1613.97	1947.09	1490.57	13.81	5.87	9264.00	7108.00	50.01	112.52
29-Aug-17	2282.67	1490.90								
30-Aug-17										
31-Aug-17										
1-Sep-17										
MAXIMUM OF THE MONTH	<b>2295.29</b>	<b>1815.96</b>	<b>2222.22</b>	<b>1722.82</b>	<b>69.41</b>	<b>29.39</b>	<b>10293.00</b>	<b>7807.00</b>	<b>50.02</b>	<b>477.09</b>
MIN OF THE MONTH	<b>1744.96</b>	<b>1430.37</b>	<b>1534.97</b>	<b>1300.58</b>	<b>-2.69</b>	<b>-4.44</b>	<b>7350.00</b>	<b>6322.00</b>	<b>49.94</b>	<b>50.87</b>
AVERAGE	<b>2015.73</b>	<b>1641.90</b>	<b>1926.67</b>	<b>1521.88</b>	<b>20.34</b>	<b>8.72</b>	<b>9002.24</b>	<b>7067.60</b>	<b>49.98</b>	<b>242.13</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)

10293

(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
		28-Aug-17		
1	KTPS (1240/1240)	267.00	267.00	227.20
2	STPS (1500/1500)	220.00	220.00	174.23
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	44.86
5	RAPP-A(200/200)	40.00	40.00	42.09
6	MAHI (140/140)	0.00	0.00	15.72
7	CHAMBAL (RPS+JS) (135.5/271)	17.00	12.00	2.66
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	95.46
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	326.02
11	WIND FARM (3980.40/4119.15)	235.00	47.50	112.52
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.51
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	-15.40	-19.80	-19.80
16	BIOMASS – (101.95/119.25)	4.00	6.00	4.13
17	BARSINGHAR LTPS(250/250)	52.00	52.00	49.56
18	RAJWEST (1080/1080)	198.00	198.00	138.23
	<b>TOTAL (A) : 1-18</b>	<b>1592.60</b>	<b>1397.70</b>	<b>1213.38</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	34.85	33.36	34.33
b)	DEHAR (198/ 990)	28.12	27.99	28.22
c)	PONG (231.66/396)	35.76	35.95	35.95
	<b>TOTAL : a TO c</b>	<b>98.73</b>	<b>97.30</b>	<b>98.50</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	93.93	89.91	78.84
e)	RIHAND (310.24/3000)	118.36	115.84	109.18
f)	UNCHAHAHAR-I(20/420)	0.00	0.72	1.00
g)	UNCHAHAHAR-II& III(61/630)	0.58	4.21	4.25
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	0.23	4.47	4.02
j)	DADRI GAS (77/830)	0.56	0.28	0.41
k)	ANTA (83.07/419)	4.29	2.08	1.88
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.24	9.19	9.19
n)	RAPP-B (125/440)	32.04	32.04	32.04
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.51	3.95	4.37
q)	URI (70.37/720)	8.44	8.81	8.13
r)	TANAKPUR (10.86/94)	2.50	2.50	2.50
s)	CHAMERA –I (105.84/540)	13.72	14.67	14.66
t)	CHAMERA-II (29.01/300)	6.96	6.96	5.85
u)	CHAMERA-III (25.21/231)	6.00	5.18	4.54
v)	DHAULIGANGA (27/280)	6.51	6.51	6.51
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	0.39	0.54	0.54
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.49	34.48	34.48
z)	TEHRI (75/1000)	4.96	5.44	5.59
aa)	KOTESHWR (33.44/400 ) + PARBATI3 (56.73/520)	15.56	15.30	20.31
ab)	TALA	3.53	3.72	3.72
ac)	MUNDRA UMPP (380/4000)	85.92	81.12	64.42
ad)	SASAN (372/3960)	72.84	72.84	69.81
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	0.00	7.43	6.20
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	654.95	656.15	621.62
	LOSSES	-18.83	-18.51	-21.79
	NET SCHEDULED	<b>636.12</b>	<b>637.64</b>	<b>599.83</b>
21	BILATERAL (REG.) EXCL. BANKING	25.08	23.88	23.88
22	BANKING	-12.18	-12.18	-12.18
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	96.23	102.90	102.31
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-41.33	19.80	19.80
25	INDIAN ENERGY EXCHANGE	-13.75	-13.75	-13.75
	<b>TOTAL(B): (19 TO 25)</b>	<b>690.17</b>	<b>761.29</b>	<b>719.89</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1933.28</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			13.81
	<b>GRAND TOTAL</b>	<b>2282.77</b>	<b>2158.99</b>	<b>1947.09</b>
	LAST YEAR	1490.90	1613.97	1490.57

## 3. SYSTEM PARAMETERS AS ON 28-Aug-17

MAXIMUM DRAWL ON 28-Aug-17	9264 MW at 23.15-23.30 Hrs 50.01 Hz
MINIMUM DRAWL ON 28-Aug-17	6972 MW at 18.00-18.15Hrs 50.10 Hz
Max U/D of the day	272 MW at 13.45-14.00 Hrs 50.07 Hz
Max. OD 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	31
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	50
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	12
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	13
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	11
No. of Blocks in which Freq. >= 50.10	1
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.	29-Aug-17	29-Aug-16	28-Aug-17	28-Aug-17
Gandhi Sagar (Fl.)	1312	1250	1297.98	1311.09	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1145.60	1157.21	3179	1855
Jawahar Sagar (Ft.)	980	970.4	971.80	977.10	3611	3278
Kota Barrage(Ft.)	854.5	852.3	852.60	851.80		
RMC					3000	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1668.91	1641.13	22909	29331
Dehar (Ft.)	2941	2900	2929.52	2921.52	8508	11549
Pong(Ft.)	1421	1260	1380.55	1366.65	12509	14294
Mahi-I (Mts.)	281.5	259	280.30	281.41	4425	NIL
Mahi-II (Mts.)	220.5	217	218.05	219.15	961	NIL

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

AVERAGE FREQ. FOR THE DAY	28-Aug-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	420 MW at 07.30-07.45 Hrs 50.02 Hz		29/Aug/17	KTPS	166585	8.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	2.37					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.59					
ABOVE 50.05 HZ	23.04					
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		STPS	6168	0.5 DAY	
AVERAGE FREQ. FOR THE DAY	28-Aug-17	50.01 Hz				
Max O/D of the day	420 MW at 07.30-07.45 Hrs 50.02 Hz					
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	2.37					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.59					
ABOVE 50.05 HZ	23.04					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0		CHHABRA	153552	20.5 DAYS	
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0					
AVERAGE FREQ. FOR THE DAY	28-Aug-17	50.01 Hz				
Max O/D of the day	420 MW at 07.30-07.45 Hrs 50.02 Hz					
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	2.37					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.59					
ABOVE 50.05 HZ	23.04		KALISINDH	99218	7 DAYS	
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					
AVERAGE FREQ. FOR THE DAY	28-Aug-17	50.01 Hz				
Max O/D of the day	420 MW at 07.30-07.45 Hrs 50.02 Hz					
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	2.37					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.59					
ABOVE 50.05 HZ	23.04					

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

29/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	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRSG#1	55.00	50	12.00	50	3-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL) (PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#1	110.00	100	24.00	100	8-May-16	11.05			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 81.00 HRS. ON DT. 08.05.16) (PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP (PERMISSION GIVEN BY RUVNL 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 RUVNL 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)
STPS	2*	250.00	229	55.00	229	25-Aug-17	23.58			BOXED UP
STPS	6	250.00	229	55.00	229	26-Aug-17	12.22			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1205.00	1053.00	252.80	1053.00					
CENTRAL SECTOR										
DADRI	GT#4	130.19	22	5.30	22	6-Apr-17	0.23			LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	6-Apr-17	21.18			LESS GAS AVAILABILITY
DADRI	GT#3	130.19	22	5.30	22	6-Apr-17	21.27			LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	7-May-17	22.83			LESS GAS AVAILABILITY
AURAIYA	GT#6	109.30	12	2.90	12	12-May-17	21.05			LESS GAS AVAILABILITY
AURAIYA	GT#3	111.19	18	4.40	18	12-May-17	21.13			LESS GAS AVAILABILITY
AURAIYA	GT#2	111.19	18	4.40	18	30-May-17	5.06			LESS GAS AVAILABILITY
AURAIYA	GT#5	109.30	12	2.90	12	30-May-17	5.15			LESS GAS AVAILABILITY
AURAIYA	GT#1	111.19	18	4.40	18	30-May-17	5.22			LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	8-Jun-17	12.16			LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	9-Jun-17	21.51			LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	9-Jun-17	22.05			LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	9-Jun-17	22.31			LESS GAS AVAILABILITY
Total(A-C) CENTRAL SECTOR- PLANNED OUTAGE		1497.58	283.00	68.60	283.00					
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	30-Aug-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT#1	37.50	29	7.00	29	1-Jul-17	12.19	30-Aug-17		HIGH VIBERATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	30-Aug-17		TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	30-Aug-17		BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
RAJWEST	2	135.00	120	28.68	120	19-Aug-17	9.57	30-Aug-17		HEAVY BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1207.50	1043.50	250.48	1043.50					
CENTRAL SECTOR										
ISTPP(JHAJAR)	3	500.00	5	1.20	5	5-Aug-17	23.20			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		500.00	5.00	1.20	5.00					
G.TOTAL				251.68	1048.50					

## (B) FORCE OUTAGE

## STATE SECTOR

## STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			DATE	TIME	DATE	TIME	REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	30-Aug-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT#1	37.50	29	7.00	29	1-Jul-17	12.19	30-Aug-17		HIGH VIBERATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	30-Aug-17		TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	30-Aug-17		BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
RAJWEST	2	135.00	120	28.68	120	19-Aug-17	9.57	30-Aug-17		HEAVY BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1207.50	1043.50	250.48	1043.50					
CENTRAL SECTOR										
ISTPP(JHAJAR)	3	500.00	5	1.20	5	5-Aug-17	23.20			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		500.00	5.00	1.20	5.00					
G.TOTAL				251.68	1048.50					

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 (\$).