



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

Power Position 24- 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								
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>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>1921.17</b>	<b>1524.37</b>	<b>20.56</b>	<b>9.22</b>	<b>8995.09</b>	<b>7053.52</b>	<b>49.98</b>	<b>245.39</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.)	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
		23-Aug-17		
1	KTPS (1240/1240)	243.00	266.00	218.80
2	STPS (1500/1500)	273.00	275.00	229.01
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	45.00	46.00	45.43
5	RAPP-A(200/200)	36.00	36.00	42.16
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	3.34
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	108.00	102.25
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	419.00	384.39
11	WIND FARM (3980.40/4119.15)	191.00	58.00	72.27
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	-11.40	-32.63	-32.63
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.09
17	BARSINGHAR LTPS(250/250)	26.00	26.00	24.34
18	RAJWEST (1080/1080)	201.00	201.00	179.47
	<b>TOTAL (A) : 1-18</b>	<b>1538.60</b>	<b>1408.37</b>	<b>1274.92</b>
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	32.27	31.45	31.78
	b) DEHAR (198/ 990)	27.99	27.99	27.99
	c) PONG (231.66/396)	42.79	42.79	42.79
	<b>TOTAL : a TO c</b>	<b>103.04</b>	<b>102.22</b>	<b>102.56</b>
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	89.91	89.91	88.21
	e) RIHAND (310.24/3000)	100.14	100.14	100.14
	f) UNCHAHAR-I(20/420)	0.35	2.78	4.58
	g) UNCHAHAR-II& III(61/630)	1.65	10.06	16.73
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	0.95	0.22	5.05
	j) DADRI GAS (77/830)	1.26	1.71	2.69
	k) ANTA (83.07/419)	0.19	0.00	0.00
	l) AURAIYA (61.03/663)	0.00	0.00	0.00
	m) NAPP (44/440)	9.12	9.07	9.07
	n) RAPP-B (125/440)	31.87	35.90	35.90
	o) RAPP-C (88/440)	17.56	17.56	17.56
	p) SALAL (20.36/690)	4.76	4.76	4.76
	q) URI (70.37/720)	11.14	12.37	10.92
	r) TANAKPUR (10.86/94)	2.51	2.51	2.23
	s) CHAMERA –I (105.84/540)	16.46	15.68	16.46
	t) CHAMERA-II (29.01/300)	6.96	6.96	6.67
	u) CHAMERA-III (25.21/231)	5.98	6.02	5.28
	v) DHAULIGANGA (27/280)	6.42	6.50	6.50
	w) DULHASTI (42.42/390)	10.07	10.07	10.07
	x) SEWA (13/120)	1.08	1.52	1.52
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.49	34.83	34.73
	z) TEHRI (75/1000)	7.17	7.50	7.50
	aa) KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	24.31	27.06	24.87
	ab) TALA	3.67	3.67	3.67
	ac) MUNDRA UMPP (380/4000)	88.80	90.24	83.65
	ad) SASAN (372/3960)	72.00	72.84	72.84
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	26.95	30.49	24.44
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	678.80	702.60	698.60
	LOSSES	-23.06	-23.88	-23.79
	NET SCHEDULED	<b>655.74</b>	<b>678.72</b>	<b>674.81</b>
21	BILATERAL (REG.) EXCL. BANKING	26.36	26.36	26.36
22	BANKING	-12.16	-12.16	-12.16
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	80.36	83.84	81.42
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	11.40	32.63	32.63
25	INDIAN ENERGY EXCHANGE	-12.60	47.98	47.98
	<b>TOTAL(B): (19 TO 25)</b>	<b>749.11</b>	<b>859.94</b>	<b>851.04</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2125.96</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			16.48
	<b>GRAND TOTAL</b>	<b>2287.71</b>	<b>2268.31</b>	<b>2142.44</b>
	LAST YEAR	1512.67	1487.73	1566.79

## 3. SYSTEM PARAMETERS AS ON 23-Aug-17

MAXIMUM DRAWL ON 23-Aug-17	9926 MW at 0.15-0.30 Hrs 50.01 Hz
MINIMUM DRAWL ON 23-Aug-17	7234 MW at 18.15-18.30 Hrs 49.98 Hz
Max U/D of the day	1055 MW at 22.45Hrs 50.02 Hz
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	2
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	63
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	12
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	28
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
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	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	24-Aug-17	24-Aug-16		
Gandhi Sagar (Ft.)	1312	1250	1297.34	1309.16	N/A	2523
R.P.Sagar (Ft.)	1157.5	1128	1145.47	1157.17	N/A	NIL
Jawahar Sagar (Ft.)	980	970.4	972.70	976.70	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	850.10	851.40		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1664.62	1636.36	20982	33047
Dehar (Ft.)	2941	2900	2929.39	2921.25	8460	12766
Pong(Ft.)	1421	1260	1378.90	1362.40	15008	16945
Mahi-I (Mts.)	281.5	259	280.05	281.25	N/A	6816
Mahi-II (Mts.)	220.5	217	218.95	217.85	N/A	NIL

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

AVERAGE FREQ. FOR THE DAY	23-Aug-17	49.97 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	904 MW at 23.45 Hrs 50.01 Hz		24/Aug/17	KTPS	210833	10.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00			STPS	26345	1 DAY
LESS THAN 49.90 HZ	6.67					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.44			CHHABRA	179059	24 DAYS
ABOVE 50.05 HZ	9.89					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			KALISINDH	127310	9 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0					

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

24/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 (SD W.E.F.15.07.14)
DCCPP	HRSGL1	55.00	50	12.00	50	3-Oct-15	22.35				DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCCPP	GT01	110.00	100	24.00	100	8-May-16	11.05				M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRSGL2*	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/ANNUAL S/D UPTO 21.08.17 DUE TO BBEL WORK
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			955.00	824.00	197.80	824.00					
CENTRAL SECTOR											
DADRI	GT04	130.19	22	5.30	22	6-Apr-17	0.23				LESS GAS AVAILABILITY
DADRI	GT06	154.51	16	2.90	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	30-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
RIBHANDI	2	500.00	58	13.80	58	6-Aug-17	21.02	27-Aug-17			RESTORATION OF MILL APH 2A
Total B I CENTRAL SECTOR- PLANNED OUTAGE			1997.58	341.00	82.40	341.00					
(B) FORCE OUTAGE											
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	GT01	37.50	29	7.00	29	1-Jul-17	12.19	25-Aug-17			HIGH VIBRATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	30-Aug-17			DESYNCHRONIZED DUE TO TURBINE BEARING PROBLEM
BASINGGAR	1	125.00	110	26.40	110	18-Aug-17	17.34	23-Aug-17			REFRACTORY PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	23-Aug-17			BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
RAJWEST	2	135.00	120	28.68	120	19-Aug-17	9.57	25-Aug-17			DESYNCHRONIZED DUE TO HEAVY BED MATERIAL LEAKAGE
KTPS	4	210.00	192	4.31	192	23-Aug-17	18.50	24-Aug-17	2.14		FAULT IN THYRISTOR BLOCK NO.4
KTPS	1	110.00	100	19.50	100	24-Aug-17	3.39				ECONOMIZER TUBE LEAKAGE
Total B I STATE SECTOR-FORCED OUTAGE			1652.50	1445.50	300.69	1445.50					
CENTRAL SECTOR											
STPP(HAJIAR)	3	500.00	5	1.20	5	5-Aug-17	23.20				BOILER TUBE LEAKAGE
Total B I CENTRAL SECTOR- FORCED OUTAGE			500.00	5.00	1.20	5.00					
<b>G. TOTAL</b>			<b>301.89</b>	<b>1450.50</b>							

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 (\$).