



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

Power Position 22-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	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								
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>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>60.38</b>
AVERAGE	<b>2004.75</b>	<b>1648.60</b>	<b>1896.37</b>	<b>1521.50</b>	<b>20.70</b>	<b>10.03</b>	<b>8895.52</b>	<b>7050.71</b>	<b>49.98</b>	<b>262.90</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
		21-Aug-17		
1	KTPS (1240/1240)	266.00	266.00	244.52
2	STPS (1500/1500)	272.00	273.00	260.92
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	43.66
5	RAPP-A(200/200)	36.00	36.00	41.82
6	MAHI (140/140)	0.00	0.00	0.00
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	103.79
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	408.36	403.00	384.50
11	WIND FARM (3980.40/4119.15)	41.25	64.00	60.38
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	-40.52	-34.04	-34.16
16	BIOMASS – (101.95/119.25)	5.00	4.00	4.69
17	BARSINGHAR LTPS(250/250)	26.00	26.00	24.28
18	RAJWEST (1080/1080)	201.00	201.00	190.41
	<b>TOTAL (A) : 1-18</b>	<b>1370.09</b>	<b>1393.97</b>	<b>1324.81</b>
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	32.23	34.93	33.02
	b) DEHAR (198/ 990)	28.06	27.99	28.03
	c) PONG (231.66/396)	42.70	42.89	42.32
	<b>TOTAL : a TO c</b>	<b>102.99</b>	<b>105.81</b>	<b>103.36</b>
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	90.12	94.40	94.75
	e) RIHAND (310.24/3000)	100.29	100.14	100.14
	f) UNCHAHAAR-I(20/420)	2.71	2.78	5.90
	g) UNCHAHAAR-II& III(61/630)	9.81	10.06	21.55
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	5.67	6.67	14.17
	j) DADRI GAS (77/830)	1.78	1.79	3.68
	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)	9.12	9.12	9.12
	n) RAPP-B (125/440)	31.35	31.35	31.35
	o) RAPP-C (88/440)	20.00	20.00	20.00
	p) SALAL (20.36/690)	4.76	4.76	4.76
	q) URI (70.37/720)	12.49	13.34	12.19
	r) TANAKPUR (10.86/94)	2.47	2.51	2.46
	s) CHAMERA –I (105.84/540)	15.68	17.64	13.72
	t) CHAMERA-II (29.01/300)	6.96	6.58	5.78
	u) CHAMERA-III (25.21/231)	6.02	5.61	4.69
	v) DHAULIGANGA (27/280)	6.50	6.21	6.21
	w) DULHASTI (42.42/390)	10.05	10.09	10.09
	x) SEWA (13/120)	1.52	1.08	1.08
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.49	11.82	10.04
	z) TEHRI (75/1000)	7.13	18.36	7.13
	aa) KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	20.40	32.88	30.76
	ab) TALA	3.67	3.52	3.52
	ac) MUNDRA UMPP (380/4000)	90.24	90.24	87.94
	ad) SASAN (372/3960)	73.21	73.41	73.41
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	30.02	30.40	28.94
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	699.44	710.58	706.75
	LOSSES	-17.55	-24.14	-24.11
	NET SCHEDULED	<b>681.88</b>	<b>686.44</b>	<b>682.64</b>
21	BILATERAL (REG.) EXCL. BANKING	26.36	9.23	9.23
22	BANKING	-12.16	-12.16	-12.16
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	97.13	100.54	102.96
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	40.52	34.04	34.16
25	INDIAN ENERGY EXCHANGE	57.18	-10.52	-10.52
	<b>TOTAL(B): (19 TO 25)</b>	<b>890.92</b>	<b>810.37</b>	<b>806.30</b>
	TOTAL GENERATION (A +B) : 1 TO 25			2131.12
	OVER DRAWAL (+)/UNDER DRAWAL (-)			49.65
	<b>GRAND TOTAL</b>	<b>2261.01</b>	<b>2204.33</b>	<b>2180.76</b>
	LAST YEAR	1542.10	1573.45	1562.56

## 3. SYSTEM PARAMETERS AS ON 21-Aug-17

MAXIMUM DRAWL ON 21-Aug-17		9863 MW at 22.15-22.30 Hrs 49.99 Hz	4. WATER LEVEL OF MAJOR RESERVOIR							
MINIMUM DRAWL ON 21-Aug-17		7781 MW at 18.30-18.45 Hrs 49.96 Hz	Name of reservoir		Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
Max U/D of the day		906 MW at 18.15-18.30Hrs 50.00 Hz	Max.	Min.	22-Aug-17	22-Aug-16	21-Aug-17	21-Aug-17		
Max. O/D below 49.7 Hz		MW at								
No. of Blocks Freq. < 49.7 Hz		0	Gandhi Sagar (Fl.)	1312	1250	1297.34	1308.69	NA	2523	
No. of Violation Blocks Freq. < 49.7 Hz		0	R.P.Sagar (Fl.)	1157.5	1128	1145.47	1156.88	N/A	NIL	
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz		4	Jawahar Sagar (Fl.)	980	970.4	972.70	976.80	NIL	NIL	
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz		2	Kota Barrage(Fl.)	854.5	852.3	850.10	850.40			
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz		52	RMC					20		
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz		26	LMC					NIL		
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz		2	Bhakra(Fl.)	1690	1462	1664.00	1634.36	21545	35946	
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz		35	Dehar (Fl.)	2941	2900	2926.83	2921.91	8447	13094	
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz		18	Pong(Fl.)	1421	1260	1378.83	1361.91	15008	16115	
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz		2	Mahi-I (Mts.)	281.5	259	280.05	281.25	N/A	6816	
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz		5	Mahi-II (Mts.)	220.5	217	218.95	217.70	N/A	NIL	
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz		2								
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 21-Aug-17		49.98 Hz <th colspan="8">5. POSITION OF COAL STOCK (In MT)</th>	5. POSITION OF COAL STOCK (In MT)							
Max O/D of the day		594 MW at 19.00-19.15Hrs 49.87Hz <th>Date</th> <th>Name of Station</th> <th>Stock at 00.00 hrs. (MT)</th> <th colspan="4">Coal stock sufficient for No. of days</th>	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days				
Frequency Profile		% of Time	22/Aug/17	KTPS	245723	12 DAYS				
LESS THAN 49.7 HZ		0.00								
LESS THAN 49.90 HZ		8.96		STPS	50225	2 DAYS				
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		76.79								
ABOVE 50.05 HZ		14.25		CHHABRA	NA	NA				
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders		0		KALISINDH	143509	10 DAYS				
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders		110								
No. of 132 KV Feeders Disconnected		0								

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

22/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	HRS01	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			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRS02*	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	S*	250.00	229	55.00	229	10-May-17	17.00			BOXED UP(ANNUAL S/D UPTO 21.08.17 DUE TO BHEL 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) 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	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	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
RHAND-I	2	500.00	58	13.80	58	6-Aug-17	21.02	27-Aug-17		RESTORATION OF MILL APH 2A
DADRI	GT01	130.19	22	0.00	0	10-Aug-17	3.56	18-Aug-17	16.45	LESS GAS AVAILABILITY
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		2127.77	363.00	82.40	341.00					

## (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	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 TOTURBINE BEARING PROBLEM
BARSINGAR	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 EXPANSON 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
RAJWEST	5	135.00	120	0.00	0	21-Aug-17	11.48	21-Aug-17	14.04	MALL FUNCTION
Total(B) STATE SECTOR-FORCED OUTAGE		1467.50	1273.00	276.88	1153.50					
CENTRAL SECTOR										
ISTPP(HAJJAR)	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			278.08	1158.50						

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 (\$).