



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

Power Position 16-Aug-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
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System Parameters	3
Water Level of major Reservoirs	4
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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	<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	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	<b>50.01</b>	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	<b>1963.25</b>	1535.23	24.08	14.52	<b>9173</b>	7212	49.99	194.08
16-Aug-17	<b>2147.85</b>	1729.21								
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>2147.85</b>	<b>1815.96</b>	<b>1963.25</b>	<b>1580.45</b>	<b>34.42</b>	<b>29.39</b>	<b>9173.00</b>	<b>7226.00</b>	<b>50.01</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>85.42</b>
AVERAGE	<b>1922.87</b>	<b>1633.09</b>	<b>1795.69</b>	<b>1469.11</b>	<b>15.11</b>	<b>10.56</b>	<b>8435.07</b>	<b>6868.53</b>	<b>49.97</b>	<b>292.77</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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		14-Aug-17			15-Aug-17		
1	KTPS (1240/1240)	42.00	42.00	42.89	130.00	42.00	46.57
2	STPS (1500/1500)	55.00	55.00	51.93	55.00	55.00	46.82
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	45.40	46.00	46.00	44.97
5	RAPP-A(200/200)	36.00	34.00	39.99	36.00	36.00	41.31
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.14	0.00	0.00	0.44
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	158.34	109.00	164.00	119.42
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	401.00	284.00	313.68	559.00	401.00	424.97
11	WIND FARM (3980.40/4119.15)	221.50	347.00	184.96	224.00	221.50	194.08
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	-41.17	-64.72	-64.82	-48.90	-41.17	-41.17
16	BIOMASS – (101.95/119.25)	5.00	5.00	5.12	3.00	5.00	3.26
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.16	26.00	26.00	25.48
18	RAJWEST (1080/1080)	201.00	201.00	197.69	201.00	201.00	171.06
	<b>TOTAL (A) : 1-18</b>	<b>1156.33</b>	<b>1139.28</b>	<b>1001.47</b>	<b>1340.10</b>	<b>1156.33</b>	<b>1077.21</b>
19	BBMB COMPLEX						
	a) BHAKRA(230.79/1516.3)	37.39	36.81	36.86	37.58	37.39	37.60
	b) DEHAR (198/ 990)	28.18	28.36	28.50	28.34	28.18	28.61
	c) PONG (231.66/396)	45.46	45.46	45.46	45.46	45.46	45.46
	<b>TOTAL : a TO c</b>	<b>111.02</b>	<b>110.62</b>	<b>110.81</b>	<b>111.37</b>	<b>111.02</b>	<b>111.67</b>
20	CENTRAL STATIONS						
	d) SINGRAULI (300/ 2000)	84.92	90.62	90.82	86.10	84.92	88.50
	e) RIHAND (310.24/3000)	100.14	105.45	104.16	100.14	100.14	102.52
	f) UNCHAHAR-I(20/420)	1.81	1.60	4.86	0.00	1.81	4.78
	g) UNCHAHAR-II& III(61/630)	6.57	6.42	18.17	0.29	6.57	13.63
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00
	i) NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	4.33	3.84	15.88	0.12	4.33	9.78
	j) DADRI GAS (77/830)	1.59	1.20	3.23	0.63	1.59	2.55
	k) ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00
	l) AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00
	m) NAPP (44/440)	9.12	9.12	9.12	9.10	9.12	9.12
	n) RAPP-B (125/440)	31.35	31.35	31.35	31.35	31.35	31.35
	o) RAPP-C (88/440)	19.62	19.62	19.62	19.62	19.62	19.62
	p) SALAL (20.36/690)	4.76	4.76	4.68	4.76	4.76	4.76
	q) URI (70.37/720)	14.86	16.21	13.80	14.24	14.86	13.58
	r) TANAKPUR (10.86/94)	2.51	2.51	2.45	2.51	2.51	2.47
	s) CHAMERA –I (105.84/540)	25.15	25.15	25.15	25.15	25.15	25.15
	t) CHAMERA-II (29.01/300)	6.96	6.96	6.87	6.96	6.96	6.96
	u) CHAMERA-III (25.21/231)	5.97	5.97	5.81	6.02	5.97	5.91
	v) DHAULIGANGA (27/280)	6.50	6.42	4.76	6.50	6.50	6.50
	w) DULHASTI (42.42/390)	10.05	10.02	10.02	10.09	10.05	10.05
	x) SEWA (13/120)	2.62	2.62	2.62	2.62	2.62	2.62
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.83	34.83	34.83	34.83	34.83	34.22
	z) TEHRI (75/1000)	18.36	18.36	18.36	18.36	18.36	18.36
	aa) KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	22.44	20.40	32.88	21.51	22.44	34.08
	ab) TALA	3.64	3.64	3.64	3.63	3.64	3.64
	ac) MUNDRA UMPP (380/4000)	90.72	90.72	90.72	76.31	90.72	81.61
	ad) SASAN (372/3960)	57.60	57.60	57.60	57.60	57.60	50.76
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	2.91	3.34	25.36	19.18	2.91	18.33
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	680.35	689.35	747.59	668.98	680.35	712.53
	LOSSES	-11.91	-12.14	-24.37	-11.13	-11.91	-23.24
	NET SCHEDULED	<b>668.44</b>	<b>677.21</b>	<b>723.21</b>	<b>657.86</b>	<b>668.44</b>	<b>689.28</b>
21	BILATERAL (REG.) EXCL. BANKING	26.38	26.38	26.38	26.38	26.38	26.38
22	BANKING	-3.68	-12.15	-12.15	-12.15	-3.68	-3.68
23	BILATERAL (INTER-REG.) EXCLUDING (ISOA & BANKING)	109.15	84.02	86.52	86.52	107.08	109.15
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	41.17	64.72	64.82	48.90	41.17	41.17
25	INDIAN ENERGY EXCHANGE	-0.36	-2.10	-2.10	0.25	-0.36	-0.36
	<b>TOTAL(B): (19 TO 25)</b>	<b>841.11</b>	<b>840.58</b>	<b>886.69</b>	<b>807.75</b>	<b>841.11</b>	<b>861.96</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1888.16</b>			<b>1939.17</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			25.96			24.08
	<b>GRAND TOTAL</b>	<b>1997.44</b>	<b>1979.86</b>	<b>1914.13</b>	<b>2147.85</b>	<b>1997.44</b>	<b>1963.25</b>
	LAST YEAR	1683.78	1457.67	1496.83	1729.21	1683.78	1535.23

3.SYSTEM PARAMETERS AS ON 15-Aug-17

MAXIMUM DRAWL ON 15-Aug-17	9173 MW at 23.15-23.30 Hrs 50.02 Hz
MINIMUM DRAWL ON 15-Aug-17	6457 MW at 18.00-18.15 Hrs 50.04 Hz
Max U/D of the day	477 MW at 19.30-19.45 Hrs 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	11
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	39
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	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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.	16-Aug-17	15-Aug-17		
Gandhi Sagar (FL)	1312	1250	1297.20	1300.44	NA	2522
R.P.Sagar (FL)	1157.5	1128	1145.58	1156.68	N/A	NIL
Jawahar Sagar (FL)	980	970.4	972.10	973.00	3595	1665
Kota Barrage(FL)	854.5	852.3	850.00	851.10		
RMC					20	
LMC					NIL	
Bhakra(FL)	1690	1462	1658.68	1628.40	25300	35666
Dehar (FL)	2941	2900	2920.80	2920.53	8447	16142
Pong(FL)	1421	1260	1377.76	1359.30	16040	23233
Mahi-I (Mts.)	281.5	259	278.80	281.25	N/A	NIL
Mahi-II (Mts.)	220.5	217	218.95	218.85	N/A	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	15-Aug-17	49.99 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	572 MW at 06.30-06.45 Hrs 49.97 Hz		16/Aug/17	KTPS	336121	17 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	5.10					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.26			STPS	97591	4 DAYS
ABOVE 50.05 HZ	21.64					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			KALISINDH	186557	13 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.

16/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	14.80	70	11-Jun-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCPPF	HRS011	55.00	50	12.00	50	3-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUYNL)
DCPPF	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)
DCPPF	HRS022*	55.00	50	12.00	50	13-Jun-16	16.35			BOXED UP
DCPPF	GT02*	110.00	100	24.00	100	13-Jun-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	15-Aug-17	23.27	BOXED UP/SHUT DOWN TAKEN AT 07.00 HRS/04.07.17 BY KTPS (PERMISSION NOT GRANTED BY RUYNL TO LIGHT TO W.E.F. 16.20 HRS/23.07.17)
KALISINDH	1*	600.00	565	135.60	565	29-Jun-17	12.44	15-Aug-17	8.36	BOXED UP /SHUT DOWN TAKEN AT 06.40 HRS/08.07.17 FOR 10 DAYS BY KALISINDH/SHUT DOWN TAKEN KATPP M.NO. 43628.07.17 AND 44002.08.17 BY KALISINDH/LIGHT UP PERMISSION PENDING AT RUYNL END FROM 23.30 HRS/08.08.17
STPS	2*	250.00	229	55.00	229	4-Jul-17	14.22			DESYNCHRONISED AGAINST STPSH 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	5.01			DESYNCHRONIZED DUE TO CLEANGING OF CONDENSER(PERMISSION NOT GRANTED BY RUYNL ON DT. 19.07.17 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	15-Aug-17	15.40	BOXED UP
STPS	4*	250.00	229	55.00	229	1-Aug-17	15.22			DESYNCHRONISED AGAINST STPSH 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	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
RHAND4	2	500.00	58	13.80	58	6-Aug-17	21.02	27-Aug-17		RESTORATION OF MHL APH 2A
DADRI	GT01	130.19	22	5.30	22	10-Aug-17	3.56			LESS GAS AVAILABILITY
Total B I CENTRAL SECTOR- PLANNED OUTAGE			2127.77	363.00	87.70	363.00				

(B) FORCE OUTAGE

STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	14.80	70	27-Jun-16	15.27	30-Aug-17		DESYNCHRONIZED DUE TO ATTEND THE LEAKAGE IN ASH COOLAR-I
RANGARI	GT01	37.50	29	7.00	29	1-Jul-17	12.19	16-Aug-17		HIGH VIBRATION
BARSINGAR	1	125.00	110	26.40	110	28-Jul-17	4.51	15-Aug-17		REFRACTORY PROBLEM
RAJWEST	8	135.00	120	28.68	120	9-Aug-17	12.03	16-Aug-17		HEAVY BED MATERIAL LEAKAGE
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	18-Aug-17		DESYNCHRONIZED DUE TO TURBINE BEARING PROBLEM
KTPS	4	210.00	192	42.16	192	15-Aug-17	7.13			LOSS OF ALL FUEL
Total B I STATE SECTOR-FORCED OUTAGE			882.50	745.50	160.04	745.50				
CENTRAL SECTOR										
ISTPP(HAJIAR)	3	500.00	5	1.20	5	5-Aug-17	23.20			BOILER TUBE LEAKAGE
RHAND-III	2	500.00	59	14.20	59	9-Aug-17	12.40			BEARING GEAR PROBLEM
Total B I CENTRAL SECTOR- FORCED OUTAGE			1000.00	64.00	15.40	64.00				
G.TOTAL			180.44	809.50						

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 (\$).