



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

Power Position 18-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	1815.96	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	29.39	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	477.09
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	7807.00	49.99	340.37
17-Aug-17	2249.99	1764.76	2131.42	1722.82	12.44	8.35	9665.00	7709.00	49.97	340.55
18-Aug-17	2288.38	1768.26								
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	2288.38	1815.96	2131.42	1722.82	34.42	29.39	9971.00	7807.00	50.01	477.09
MIN OF THE MONTH	1744.96	1430.37	1534.97	1300.58	-2.69	-4.44	7350.00	6322.00	49.94	85.42
AVERAGE	1959.33	1647.13	1830.29	1495.17	14.96	10.41	8597.76	6973.18	49.97	298.38

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
		17-Aug-17		
1	KTPS (1240/1240)	222.00	130.00	115.74
2	STPS (1500/1500)	55.00	55.00	44.56
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	44.11
5	RAPP-A(200/200)	36.00	36.00	41.52
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.21
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	108.00	109.00	102.32
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	481.88
11	WIND FARM (3980.40/4119.15)	213.00	308.00	340.55
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.82
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	-45.12	-54.93	-54.93
16	BIOMASS – (101.95/119.25)	3.00	5.00	3.28
17	BARSINGHAR LTPS(250/250)	54.00	26.00	23.89
18	RAJWEST (1080/1080)	201.00	201.00	154.13
	TOTAL (A) : 1-18	1452.88	1421.07	1299.08
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	36.00	36.65	36.13
b)	DEHAR (198/ 990)	28.54	28.49	27.87
c)	PONG (231.66/396)	45.46	45.46	44.03
	TOTAL : a TO c	109.99	110.59	108.03
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	87.17	87.30	84.27
e)	RIHAND (310.24/3000)	100.14	100.14	100.14
f)	UNCHAHAHAR-I(20/420)	0.55	0.42	1.94
g)	UNCHAHAHAR-II& III(61/630)	1.98	1.29	6.63
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	1.74	0.00	3.67
j)	DADRI GAS (77/830)	0.35	0.23	0.94
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)	9.17	9.17	9.17
n)	RAPP-B (125/440)	34.36	34.36	34.36
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	4.76	4.76	4.76
q)	URI (70.37/720)	13.64	13.77	13.77
r)	TANAKPUR (10.86/94)	2.47	2.51	2.51
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	5.70
v)	DHAULIGANGA (27/280)	6.50	6.50	6.50
w)	DULHASTI (42.42/390)	10.08	10.09	10.09
x)	SEWA (13/120)	1.08	1.84	1.46
y)	NJPCC (112.00/1500)+RAMPUR(31.808/412.02)	34.83	34.83	34.83
z)	TEHRI (75/1000)	11.85	14.87	14.87
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	29.90	21.37	31.85
ab)	TALA	3.72	3.73	3.73
ac)	MUNDRA UMPP (380/4000)	89.28	81.92	78.14
ad)	SASAN (372/3960)	72.00	72.00	72.00
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.10	19.86	9.51
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	709.43	689.31	690.59
	LOSSES	-23.29	-13.41	-22.75
	NET SCHEDULED	686.14	675.90	667.84
21	BILATERAL (REG.) EXCL. BANKING	26.38	26.38	26.38
22	BANKING	-12.15	-12.15	-12.15
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	95.36	83.97	85.56
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	45.12	54.93	54.93
25	INDIAN ENERGY EXCHANGE	-5.36	-2.66	-2.66
	TOTAL(B): (19 TO 25)	835.50	828.92	819.90
	TOTAL GENERATION (A +B) : 1 TO 25			2118.98
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.44
	GRAND TOTAL	2288.38	2249.99	2131.42
	LAST YEAR	1768.26	1764.76	1722.82

3. SYSTEM PARAMETERS AS ON 17-Aug-17

MAXIMUM DRAWL ON 17-Aug-17	9665 MW at 1.45-02.00 Hrs 50.03 Hz
MINIMUM DRAWL ON 17-Aug-17	7400 MW at 18.30-18.45 Hrs 49.85 Hz
Max U/D of the day	432 MW at 21.45-22.00 Hrs 49.94 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	14
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
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	3
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 17-Aug-17	49.97 Hz
Max O/D of the day	492 MW at 10.30-10.45 Hrs 50.01 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.42
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.69
ABOVE 50.05 HZ	10.89
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	23
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.	18-Aug-17	18-Aug-16		
Gandhi Sagar (Ft.)	1312	1250	1297.29	1300.15	NA	1952
R.P.Sagar (Ft.)	1157.5	1128	1145.56	1156.64	N/A	NIL
Jawahar Sagar (Ft.)	980	970.4	973.80	974.50	3595	2502
Kota Barrage(Ft.)	854.5	852.3	850.90	851.30		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1659.24	1630.52	24571	34579
Dehar (Ft.)	2941	2900	2924.14	2921.91	8535	17095
Pong(Ft.)	1421	1260	1377.90	1360.73	16040	19914
Mahi-I (Mts.)	281.5	259	278.80	281.30	N/A	NIL
Mahi-II (Mts.)	220.5	217	218.95	218.70	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
18/Aug/17	KTPS	322080	16 DAYS
	STPS	95573	4 DAYS
	CHHABRA	177213	23.5 DAYS
	KALISINDH	175664	12.5 DAYS

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

18/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)	
DCPP	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)	
DCPP	GT#1	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. 06/05/16)	
DCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP	
DCPP	GT#2*	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	
STPS	2*	250.00	229	55.00	229	4-Jul-17	14.22		DESYNCHRONISED AGAINST STPS#1 WHICH WAS BOXED-UP	
STPS	3*	250.00	229	55.00	229	16-Jul-17	18.18		BOXED UP	
KTPS	5	210.00	192	0.00	0	19-Jul-17	3.01	17-Aug-17	21.30	DESYNCHRONIZED DUE TO CLEANGING OF CONDENSER (PERMISSION NOT GRANTED BY RUVNL ON DT. 19/07/17 W.E.F. 16.43 HRS)
KTPS	2*	110.00	100	23.00	100	21-Jul-17	12.46	18-Aug-17	3.06	BOXED UP
KTPS	1*	110.00	100	23.00	100	21-Jul-17	12.48	18-Aug-17	3.32	BOXED UP
STPS	4*	250.00	229	55.00	229	1-Aug-17	15.22		DESYNCHRONISED AGAINST STPS#1 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) STATE SECTOR- PLANNED OUTAGE		2585.00	2132.00	463.80	1940.00					

CENTRAL SECTOR

DABRI	GT#4	130.19	22	5.30	22	6-Apr-17	0.23		LESS GAS AVAILABILITY
DABRI	GT#6	154.51	16	3.90	16	6-Apr-17	21.18		LESS GAS AVAILABILITY
DABRI	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	22.03		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
RHAND-I	2	500.00	58	13.80	58	6-Aug-17	21.02	27-Aug-17	RESTORATION OF MILL APH2A
DABRI	GT#1	130.19	22	5.30	22	10-Aug-17	3.56		LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		2127.77	363.00	87.70	363.00				

(B) FORCE OUTAGE

STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	30-Aug-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
RANGARI	GT#1	37.50	29	7.00	29	1-Jul-17	12.19	16-Aug-17	HIGH VIBRATION	
BARINGSAR	1	125.00	110	16.5	0	28-Jul-17	4.51	18-Aug-17	1.35	REFRACTORY PROBLEM
KAJWEST	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	
RANGARI	STG1	37.50	10	0.00	0	17-Aug-17	1.14	17-Aug-17	3.59	HPFF TRIP
KTPS	5	210.00	192	2.50	0	17-Aug-17	23.15	18-Aug-17	1.18	RM METAL TEMP. HIGH
KTPS	3*	210.00	192	46.00	192	22-Jul-17	12.48			FORCED SD
Total(B) STATE SECTOR- FORCED OUTAGE		1130.00	947.50	156.63	635.50					
CENTRAL SECTOR										
ISTPP(OHAJARI)	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) CENTRAL SECTOR- FORCED OUTAGE		1000.00	64.00	15.40	64.00					
G.TOTAL				172.03	699.50					

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 (\$).