



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

Power Position 14-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	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								
15-Aug-17										
16-Aug-17										
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	2033.92	1815.96	1884.32	1580.45	34.42	29.39	8935.00	7226.00	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	1902.90	1623.30	1773.70	1461.90	13.59	10.80	8343.77	6824.23	49.97	308.66

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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		11-Aug-17			12-Aug-17			13-Aug-17		
1	KTPS (1240/1240)	42.00	42.00	37.23	42.00	42.00	36.62	42.00	42.00	37.26
2	STPS (1500/1500)	55.00	55.00	43.75	55.00	55.00	43.14	55.00	55.00	44.10
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	45.00	42.35	46.00	46.00	45.09	46.00	46.00	45.18
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	34.00	0.00	23.45
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	3.34
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	144.41	164.00	164.00	144.81	164.00	164.00	140.14
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	280.00	424.00	326.76	284.00	280.00	228.41	284.00	284.00	219.74
11	WIND FARM (3980.40/4119.15)	451.00	407.00	460.44	446.00	451.00	477.09	347.00	446.00	433.05
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	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	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	0.00	0.00	0.00
15	OPEN ACCESS	-30.43	-22.54	-22.54	-78.99	-30.43	-30.51	-64.72	-78.99	-74.83
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.53	5.00	5.00	4.56	5.00	5.00	6.19
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	24.34	26.00	26.00	22.94	26.00	26.00	24.17
18	RAJWEST (1080/1080)	201.00	201.00	141.85	201.00	201.00	133.07	201.00	201.00	133.39
	TOTAL (A) : 1-18	1239.57	1346.46	1203.12	1190.01	1239.57	1109.86	1139.28	1190.01	1035.18
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	37.31	36.70	37.25	37.70	37.31	37.12	36.81	37.70	37.44
b)	DEHAR (198/ 990)	28.79	28.79	28.48	28.70	28.79	28.34	28.36	28.70	28.41
c)	PONG (231.66/396)	54.58	54.58	54.58	54.58	54.58	54.49	45.46	54.58	52.87
	TOTAL : a TO c	120.68	120.07	120.32	120.98	120.68	119.95	110.62	120.98	118.72
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	89.91	85.63	84.18	89.91	89.91	84.11	90.62	89.91	82.40
e)	RIHAND (310.24/3000)	78.23	78.23	76.41	98.99	78.23	81.46	105.45	98.99	94.96
f)	UNCHAHAAR-II(20/420)	0.28	0.00	1.83	0.00	0.28	0.96	1.60	0.00	0.42
g)	UNCHAHAAR-II& III(61/630)	2.14	1.29	7.65	0.87	2.14	3.95	6.42	0.87	2.66
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.78	1.70	4.37	0.23	0.78	1.96	3.84	0.23	1.89
j)	DADRI GAS (77/830)	1.21	0.23	1.08	0.17	1.21	1.09	1.20	0.17	0.75
k)	ANTA (83.07/419)	0.00	0.00	0.00	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	0.00	0.00	0.00
m)	NAPP (44/440)	9.12	8.16	8.16	9.12	9.12	9.12	9.12	9.12	9.12
n)	RAPP-B (125/440)	31.09	31.09	31.09	31.35	31.09	31.09	31.35	31.35	31.35
o)	RAPP-C (88/440)	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62
p)	SALAL (20.36/690)	4.79	4.79	4.79	4.75	4.79	4.79	4.76	4.75	4.70
q)	URI (70.37/720)	16.24	16.76	14.84	16.41	16.24	15.18	16.21	16.41	14.79
r)	TANAKPUR (10.86/94)	2.51	2.51	2.31	2.51	2.51	2.45	2.51	2.51	2.44
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15	25.15	25.15	25.15	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96
u)	CHAMERA-III (25.21/231)	5.97	6.02	6.02	5.97	5.97	5.97	5.97	5.97	6.01
v)	DHAULIGANGA (27/280)	6.42	6.50	6.50	6.42	6.42	6.42	6.42	6.42	6.48
w)	DULHASTI (42.42/390)	10.05	10.09	10.09	2.64	10.05	10.05	10.02	2.64	3.22
x)	SEWA (13/120)	2.16	2.16	2.16	2.62	2.16	2.22	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	34.83	34.83	34.83	34.83
z)	TEHRI (75/1000)	18.36	18.29	18.29	18.43	18.36	17.65	18.36	18.43	18.43
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	33.62	20.40	20.40	33.26	20.40	20.40	32.73
ab)	TALA	3.65	3.71	3.71	3.69	3.65	3.65	3.64	3.69	3.69
ac)	MUNDRA UMPP (380/4000)	90.72	88.36	79.85	90.72	90.72	82.41	90.72	90.72	80.40
ad)	SASAN (372/3960)	68.96	64.07	51.70	70.37	68.96	53.22	57.60	70.37	57.12
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	1.55	0.00	5.25	0.00	1.55	2.30	3.34	0.00	2.01
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	671.76	656.61	660.79	683.10	671.76	659.84	689.35	683.10	663.46
	LOSSES	-10.41	-10.00	-20.53	-11.67	-10.41	-20.58	-12.14	-11.67	-20.85
	NET SCHEDULED	661.35	646.61	640.26	671.43	661.35	639.26	677.21	671.43	642.60
21	BILATERAL (REG.) EXCL. BANKING	26.44	26.44	26.44	22.33	26.44	26.44	26.38	22.33	22.33
22	BANKING	-12.14	-12.14	-12.14	-12.14	-12.14	-12.14	-12.15	-12.14	-12.14
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	86.34	84.64	86.14	86.34	82.96	86.34	86.52	83.25	86.34
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	30.43	22.54	22.54	78.99	30.43	30.51	64.72	78.99	74.83
25	INDIAN ENERGY EXCHANGE	-13.36	-115.48	-115.48	-3.05	-13.36	-13.36	-2.10	-3.05	-3.05
	TOTAL(B): (19 TO 25)	779.06	654.31	647.76	843.90	779.06	757.05	840.58	843.90	810.92
	TOTAL GENERATION (A +B) : 1 TO 25			1850.88			1866.91			1846.10
	OVER DRAWAL (+)/UNDER DRAWAL (-)			26.30			17.41			25.60
	GRAND TOTAL	2018.63	2000.77	1877.18	2033.92	2018.63	1884.32	1979.86	2033.92	1871.69
	LAST YEAR	1560.60	1545.98	1300.59	1517.60	1560.60	1328.98	1457.67	1517.60	1426.60

3. SYSTEM PARAMETERS AS ON 13-Aug-17

MAXIMUM DRAWL ON 13-Aug-17	8858 MW at 23.15-23.30 Hrs 49.92 Hz
MINIMUM DRAWL ON 13-Aug-17	6335 MW at 18.15-18.30 Hrs 50.02 Hz
Max U/D of the day	326 MW at 08.30-08.45 Hrs 49.98Hz
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	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	63
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
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	4
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	1
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	1
AVERAGE FREQ. FOR THE DAY 13-Aug-17	49.98 Hz
Max O/D of the day	1007 MW at 05.15-05.30 Hrs 49.96 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	3.94
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	84.62
ABOVE 50.05 HZ	11.44
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	14-Aug-17	14-Aug-16		
Gandhi Sagar (Ft.)	1312	1250	1297.22	1300.24	NA	2522
R.P.Sagar (Ft.)	1157.5	1128	1145.58	1156.64	N/A	NIL
Jawahar Sagar (Ft.)	980	970.4	972.10	974.40	1726	1665
Kota Barrage(Ft.)	854.5	852.3	850.00	850.80		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1657.23	1625.45	25219	47201
Dehar (Ft.)	2941	2900	2920.27	2920.93	8422	20499
Pong(Ft.)	1421	1260	1376.80	1358.05	17805	34682
Mahi-I (Mts.)	281.5	259	278.70	281.10	N/A	NIL
Mahi-II (Mts.)	220.5	217	218.95	217.80	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
14/Aug/17	KTPS	332478	16.5 DAYS
	STPS	104061	4 DAYS
	CHHABRA	167143	22 DAYS
	KALISINDH	198380	14 DAYS

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

14/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	HRS#1	55.00	50	12.00	50	3-Oct-15	23.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUYN.)
DCCPP	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. 08.05.16)
DCCPP	HRS#2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP
DCCPP	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
KTPS	4*	210.00	192	46.00	192	20-Jun-17	12.06		BOXED UP (SHUT DOWN TAKEN AT 07.00 HRS/4.07.17 BY KTPS/PERMISSION NOT GRANTED BY RUYN. TO LIGHT CO W.E.F.16.20 HRS/22.47.17)
KALISINDH	1*	600.00	565	135.00	565	29-Jun-17	12.44		BOXED UP (SHUT DOWN TAKEN AT 06.40 HRS/18.07.17 FOR 10 DAYS BY KALISINDH/SHUT DOWN TAKEN KATPP M.NO. 056/28.07.17 AND 068/28.07.17 BY KALISINDH/LIGHT UP PERMISSION PENDING AT RUYN. END FROM
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	46.00	192	19-Jul-17	3.01		DESYNCHRONISED DUE TO CLEANGING OF CONDENSER/PERMISSION NOT GRANTED BY RUYN. 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	8.23		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		R/S BAR PROTECTION OPERATED (UNDER OVERHAUL W.E.F. 18.56 HRS/08.08.17 FOR 30 DAYS)
Total(A) STATE SECTOR- PLANNED OUTAGE									
		3600.00	3256.00	779.40	3256.00				
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) FORCED 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
RANGARH	GT#1	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	14-Aug-17	REFRACTORY PROBLEM
RAJWEST	8	135.00	120	28.68	120	9-Aug-17	12.03	16-Aug-17	HEAVY BED-MATERIAL LEAKAGE
RAPP(A)	2	200.00	150	0.00	0	10-Aug-17	13.04	13-Aug-17	TURBINE PROBLEM
ADANI	2	660.00	600	144.00	600	11-Aug-17	17.53	14-Aug-17	APH-2B/A SIDE EXPANSION BELLOW DAMAGED
Total(B) STATE SECTOR-FORCED OUTAGE									
		1282.50	1078.50	222.88	928.50				
CENTRAL SECTOR									
ISTPP(JHAJARA)	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	13-Aug-17	BEARING GEAR PROBLEM
Total(B) CENTRAL SECTOR- FORCED OUTAGE									
		1000.00	64.00	15.40	64.00				
G.TOTAL				238.28	992.50				

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 (\$).