



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

Power Position 08-Aug-18	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -AUG- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017		
Aug-18										
01-Aug-18	2391.48	1809.65	2200.83	1534.97	13.43	12.04	10383	7350	49.99	482.36
02-Aug-18	2483.73	1764.56	2273.66	1610.64	7.61	3.16	10784	7731	49.95	499.22
03-Aug-18	2446.76	1852.55	2337.51	1638.77	-5.20	7.49	10803	7968	49.98	515.49
04-Aug-18	2369.12	1830.71	2373.76	1750.79	28.35	2.95	11011	8572	49.96	506.30
05-Aug-18	2392.80	1744.96	2304.56	1805.79	12.05	18.72	10916	8337	49.99	408.15
06-Aug-18	2558.26	1790.03	2363.84	1818.60	11.22	34.42	10955	8235	49.98	345.50
07-Aug-18	2356.07	1904.07		2028.58		59.34		8991		
08-Aug-18		1946.49								
09-Aug-18										
10-Aug-18										
11-Aug-18										
12-Aug-18										
13-Aug-18										
14-Aug-18										
15-Aug-18										
16-Aug-18										
17-Aug-18										
18-Aug-18										
19-Aug-18										
20-Aug-18										
21-Aug-18										
22-Aug-18										
23-Aug-18										
24-Aug-18										
25-Aug-18										
26-Aug-18										
27-Aug-18										
28-Aug-18										
29-Aug-18										
30-Aug-18										
31-Aug-18										
01-Sep-18										
MAXIMUM OF THE MONTH	2558.26	1946.49	2373.76	2028.58	28.35	59.34	11011.00	8991.00	49.99	515.49
MIN OF THE MONTH	2356.07	1744.96	2200.83	1534.97	-5.20	2.95	10383.00	7350.00	49.95	345.50
AVERAGE	2428.32	1830.38	2309.03	1741.16	11.24	19.73	10808.67	8169.14	49.98	459.50

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

11698

(08.15-08.30Hrs.)

05-Jun-18

MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD DURING THE FY 2017-18 (MW)

11564

(08.00-8.15Hrs.)

13-Jan-18

MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)

565.54

13-Jun-18

MAX.WIND DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		7-Aug-18		
1	KTPS (1240/1240)	246.00	246.00	218.46
2	STPS (1500/1500)	273.00	273.00	230.90
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	33.00	33.00	30.51
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	4.14
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	311.13
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	418.00	418.00	388.74
11	WIND FARM (4137.20/4290.95)	67.50	170.00	187.56
12	SOLAR POWER(1656.70/2246.21)	86.99	84.37	50.33
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	8.10	13.19	12.13
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.66
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.96
18	RAJWEST (1080/1080)	201.00	201.00	196.91
	TOTAL (A) : 1-18	1528.59	1633.56	1661.43
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	21.99	21.65	22.74
b)	DEHAR (198/ 990)	27.54	27.86	27.88
c)	PONG (231.66/396)	1.67	5.29	2.08
	TOTAL : a TO c	51.20	54.80	52.70
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	90.54	91.60	90.93
e)	RIHAND (310.24/3000)	123.20	123.20	124.36
f)	UNCHAHAHAR-I(20/420)	7.77	4.05	3.73
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	16.34	10.47	9.38
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	19.20	11.58	8.04
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	1.87	1.19	0.83
m)	NAPP (44/440)	8.83	8.85	8.85
n)	RAPP-B (125/440)	29.23	29.23	29.23
o)	RAPP-C (88/440)	18.76	18.76	18.76
p)	SALAL (20.36/690)	4.38	4.69	2.29
q)	URI (70.37/720)	16.13	16.10	16.00
r)	TANAKPUR (10.86/94)	2.41	2.41	2.35
s)	CHAMERA –I (105.84/540)	24.23	24.23	24.23
t)	CHAMERA-II (29.01/300)	1.39	6.65	6.45
u)	CHAMERA-III (25.21/231)	1.36	5.77	5.48
v)	DHAULIGANGA (27/280)	6.19	6.19	6.06
w)	DULHASTI (42.42/390)	6.49	9.47	7.75
x)	SEWA (13/120)	3.27	1.15	1.91
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	20.72	22.15	0.00
z)	TEHRI (75/1000)	13.76	11.70	11.70
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	31.33	30.56	35.22
ab)	TALA	3.47	3.47	3.47
ac)	MUNDRA UMPP (380/4000)	69.77	51.94	54.91
ad)	SASAN (372/3960)	69.55	69.31	69.31
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.39	19.87	26.13
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	670.77	639.40	620.07
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	670.77	639.40	620.07
21	BILATERAL (REG.) EXCL. BANKING	20.32	26.13	7.62
22	BANKING	-7.56	-7.56	-7.56
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	103.90	60.94	80.54
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-8.10	-13.19	-12.13
25	INDIAN ENERGY EXCHANGE	4.74	-2.81	-2.81
	TOTAL(B): (19 TO 25)	784.06	722.51	685.73
	TOTAL GENERATION (A +B) : 1 TO 25			2347.16
	OVER DRAWAL (+)/UNDER DRAWAL (-)			39.44
	GRAND TOTAL	2312.65	2356.07	2386.60
	LAST YEAR	1909.97	1904.07	1804.69

3. SYSTEM PARAMETERS AS ON 07-Aug-18

MAXIMUM DRAWL ON 07-Aug-18	11354 MW at 09.45-10.00 Hrs 49.99 HZ
MINIMUM DRAWL ON 07-Aug-18	8275 MW at 18.30-18.45 Hrs 49.96 HZ
Max U/D of the day	270 MW at 11.30-11.45 Hrs 50.01 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	12
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	11
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	60
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	20
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
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	0
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 7-Aug-18	49.95 HZ
Max O/D of the day	548 MW at 11.30-11.45 Hrs 50.01 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	21.10
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.00
ABOVE 50.05 HZ	4.90
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.	8-Aug-18	8-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	1274.44	1296.28	NIL	467
R.P.Sagar (Ft.)	1157.5	1128	1142.35	1155.60	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	972.60	976.20	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.00	852.10		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	NA	1608.84	NA	NA
Dehar (Ft.)	2941	2900	NA	2922.44	NA	NA
Pong(Ft.)	1421	1260	NA	1343.66	NA	NA
Mahi-I (Mts.)	281.5	259	274.05	280.15	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.10	217.60	NIL	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
8-Aug-18	KTPS	137827	7 days
	STPS	236831	9.5 days
	CHHABRA	212274	28 days
	KALISINDH	139775	10 days

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

8-Aug-18

(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	16.8	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG#1	55.00	50	12.0	50	19-May-18	16.57			NON AVAILABILITY OF GAS(treated as boxed up w.e.f. 13.40 hrs./28.05.18 as GT#1 BOXED UP)
RAPP(A)	2	200.00	150	36.0	150	30-Jun-18	19.38			BIENNIAL SHUTDOWN
DCCPP	GT#1	110.00	100	24.0	100	01-Jul-18	13.29			BOXED UP
DCCPP	GT#2	110.00	100	24.0	100	01-Jul-18	13.24			BOXED UP
CHHABRA	2	250.00	225	54.0	225	10-Jul-18	4.53			ANNUAL SHUTDOWN
Total(A)-STATE SECTOR-PLANNED OUTAGE		905.00	745.00	178.80	745.00					

CENTRAL SECTOR

AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.9	12	21-May-18	9.27			RESERVE SHUTDOWN FUEL SHORTAGE
ANTA GPS	2	88.71	31	7.5	31	27-Jun-18	10.24			RESERVE SHUTDOWN
UNCHAHAR	4	210.00	24	5.7	24	02-Jul-18	1.28			ANNUAL MAINTENANCE
ANTA GPS	3	88.71	31	7.5	31	07-Jul-18	12.10			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.2	34	07-Jul-18	12.16			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	07-Jul-18	12.46			RESERVE SHUTDOWN
DADBRI GPS	6	154.51	16	3.9	16	10-Jul-18	0.20			RESERVE SHUTDOWN
DADBRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28			RESERVE SHUTDOWN
DADBRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30			RESERVE SHUTDOWN
DADBRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05			RESERVE SHUTDOWN
DADBRI GPS	5	154.51	16	3.9	16	23-Jul-18	20.30			RESERVE SHUTDOWN
DADBRI GPS	2	130.19	22	5.3	22	23-Jul-18	20.44			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	23-Jul-18	22.10			RESERVE SHUTDOWN
ISTPP(JHAJJAR)	1	500.00	5	1.2	5	27-Jul-18	0.01			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		2401.98	342.00	82.70	342.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
KTPS	1	110.00	100	23.0	100	31-May-18	17.25			DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
RAJWEST	2	135.00	120	28.7	120	27-Jun-18	4.15			DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44	24-Aug-18		GENERATOR PROTECTION OPERATED
BARSINGAR	2	125.00	110	26.4	110	28-Jul-18	1.31			BOILER REFRACTORY FAILURE
RAMGARH	GT#1	35.50	29	7.0	29	02-Aug-18	1.01			SHORTAGE OF SUFFICIENT GAS
RAMGARH	GT#3	35.50	29	24.0	29	09-Aug-18	0.05			GT emergency bus coupler tripped
RAMGARH	STG#2	35.50	10	0.0	0	09-Aug-18	0.05	09-Aug-18	6.29	GT emergency bus coupler tripped
Total(B)-STATE SECTOR-FORCED OUTAGE		1451.50	1261.50	316.48	1251.50					

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
AURAIYA GPS	5	109.30	12	2.9	12	26-Jul-18	4.40			TRIPPED DUE TO DAMPER PROBLEM
UNCHAHAR	5	210.00	27	6.5	27	02-Aug-18	7.58			BOILER TUBE LEAKAGE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		819.30	39.00	9.40	39.00					
G.TOTAL				325.88	1290.50					

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 (\$).