



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

Power Position 06-Aug-18	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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								
07-Aug-18										
08-Aug-18										
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	1852.55	2373.76	1805.79	28.35	18.72	11011.00	8572.00	49.99	515.49
MIN OF THE MONTH	2369.12	1744.96	2200.83	1534.97	-5.20	2.95	10383.00	7350.00	49.95	408.15
AVERAGE	2440.36	1798.74	2298.06	1668.19	11.25	8.87	10779.40	7991.60	49.97	482.30

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 Dav	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Dav	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Dav	Prior assessment of Avail.	Actual Energy Received									
											3-Aug-18			4-Aug-18			5-Aug-18		
1	KTPS (1240/1240)	246.00	246.00	199.04	246.00	246.00	213.87	246.00	246.00	210.11									
2	STPS (1500/1500)	110.00	110.00	84.59	110.00	110.00	88.82	235.00	110.00	91.72									
3	DHOLPUR GAS CAPP (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)	34.00	34.00	30.20	31.00	34.00	27.31	33.00	31.00	29.26									
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
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	0.00	0.00	0.00	0.00									
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	287.67	164.00	164.00	281.80	164.00	164.00	282.21									
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	418.00	418.00	321.16	418.00	418.00	377.32	418.00	418.00	365.52									
11	WIND FARM (4137.20/4290.95)	517.00	462.50	515.49	508.00	517.00	506.30	487.00	508.00	408.15									
12	SOLAR POWER(1656.70/2246.21)	82.95	85.35	72.79	72.79	82.95	75.26	75.26	72.79	84.37									
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	-1.75	-5.03	-4.79	-10.85	-1.75	-1.64	12.84	-10.85	-10.79									
16	BIOMASS – (101.95/119.25)	4.00	4.00	4.34	4.00	4.00	4.34	4.00	4.00	4.34									
17	BARSINGHSAR LTPS(250/250)	26.00	20.00	23.87	26.00	26.00	26.03	26.00	26.00	26.42									
18	RAJWEST (1080/1080)	201.00	201.00	153.03	201.00	201.00	200.90	201.00	201.00	178.53									
	TOTAL (A) : 1-18	1801.20	1739.82	1687.39	1769.93	1801.20	1800.31	1902.10	1769.93	1669.84									
19	BBMB COMPLEX																		
a)	BHAKRA(230.79/1516.3)	25.90	24.62	25.89	25.87	25.90	25.68	25.39	25.87	25.45									
b)	DEHAR (198/ 990)	27.55	27.72	27.85	27.93	27.55	27.76	27.88	27.93	27.67									
c)	PONG (231.66/396)	17.95	16.48	17.62	16.48	17.95	16.64	11.57	16.48	5.59									
	TOTAL : a TO c	71.40	68.81	71.36	70.27	71.40	70.07	64.83	70.27	58.70									
20	CENTRAL STATIONS																		
d)	SINGRAULI (300/ 2000)	65.19	63.52	59.69	64.13	65.19	64.93	93.50	64.13	67.46									
e)	RIHAND (310.24/3000)	123.33	123.33	123.33	123.33	123.33	123.51	128.34	123.33	125.63									
f)	UNCHAHAR-I(20/420)	5.55	4.97	1.28	4.62	5.55	4.55	6.53	4.62	5.96									
g)	UNCHAHAR-II & III & IV(135.09/1130)	6.17	5.23	1.11	5.86	6.17	4.80	15.01	5.86	12.09									
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 SI-II (43.22/980) + DADRI-TH	15.06	13.37	2.89	13.02	15.06	10.52	16.96	13.02	15.08									
j)	DADRI GAS (77/830)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
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)	1.93	1.58	1.08	1.66	1.93	1.54	2.40	1.66	1.58									
m)	NAPP (44/440)	8.82	8.82	8.82	9.69	8.82	8.82	8.83	9.69	9.69									
n)	RAPP-B (125/440)	29.59	29.59	29.59	29.42	29.59	29.59	29.23	29.42	29.42									
o)	RAPP-C (88/440)	18.77	18.77	18.77	18.77	18.77	18.77	18.76	18.77	18.77									
p)	SALAL (20.36/690)	4.70	4.70	4.70	4.70	4.70	4.68	4.48	4.70	4.70									
q)	URI (70.37/720)	16.19	16.18	16.18	16.19	16.19	16.18	16.17	16.19	16.18									
r)	TANAKPUR (10.86/94)	2.41	2.31	2.29	2.42	2.41	2.28	2.41	2.42	2.30									
s)	CHAMERA –I (105.84/540)	24.26	24.26	24.26	24.26	24.26	24.26	24.23	24.26	24.26									
t)	CHAMERA-II (29.01/300)	6.66	6.66	6.66	6.66	6.66	6.66	6.65	6.66	6.66									
u)	CHAMERA-III (25.21/231)	5.78	5.78	5.78	5.78	5.78	5.78	5.77	5.78	5.78									
v)	DHAULIGANGA (27/280)	6.19	6.19	6.19	6.23	6.19	6.19	6.19	6.23	6.23									
w)	DULHASTI (42.42/390)	9.73	9.73	9.73	9.62	9.73	9.67	9.61	9.62	9.58									
x)	SEWA (13/120)	1.05	1.57	1.15	1.57	1.05	1.05	0.73	1.57	1.57									
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.55	35.55	35.55	35.55	35.55	35.55	35.51	35.55	35.55									
z)	TEHRI (75/1000)	8.68	10.05	10.05	8.68	8.68	8.68	11.66	8.68	8.68									
aa)	KOTESHWAR (33.44/400) + PARBATHI (56.73/520)	25.95	26.53	27.76	26.21	25.95	27.82	29.37	26.21	28.54									
ab)	TALA	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47									
ac)	MUNDRA UMPP (380/4000)	44.79	50.10	33.81	51.83	44.79	44.92	50.41	51.83	40.23									
ad)	SASAN (372/3960)	69.62	70.00	69.96	69.62	69.62	69.62	69.55	69.62	69.62									
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.39	23.72	15.10	29.72	29.39	29.43	28.18	29.72	21.69									
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)	640.23	634.80	590.56	643.30	640.23	633.36	688.80	643.30	629.43									
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
	NET SCHEDULED	640.23	634.80	590.56	643.30	640.23	633.36	688.80	643.30	629.43									
21	BILATERAL (REG.) EXCL. BANKING	26.15	26.15	26.15	26.15	26.15	26.15	26.13	26.15	26.15									
22	BANKING	-7.56	-7.56	-7.56	-7.56	-7.56	-7.56	-7.56	-7.56	-7.56									
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	83.81	111.18	109.14	35.88	79.02	67.96	80.54	31.31	49.62									
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	1.75	5.03	4.79	10.85	1.75	1.64	-12.84	10.85	10.79									
25	INDIAN ENERGY EXCHANGE	-176.45	-67.76	-67.76	-85.76	-176.45	-176.45	-118.91	-85.76	-85.76									
	TOTAL(B): (19 TO 25)	567.92	706.94	655.32	622.86	567.92	545.10	656.15	622.86	622.67									
	TOTAL GENERATION (A + B) : 1 TO 25			2342.71			2345.41			2292.52									
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-5.20			28.35			12.05									
	GRAND TOTAL	2369.12	2446.76	2337.51	2392.80	2369.12	2373.76	2558.26	2392.80	2304.56									
	LAST YEAR	1830.71	1852.55	1638.77	1744.96	1830.71	1750.79	1790.03	1744.96	1805.79									

3. SYSTEM PARAMETERS AS ON 05-Aug-18

MAXIMUM DRAWL ON 05-Aug-18	10916 MW at 07.15-07.30 Hrs 49.98 HZ
MINIMUM DRAWL ON 05-Aug-18	7912 MW at 18.15-18.30 Hrs 49.97 HZ
Max U/D of the day	516 MW at 17.15-17.30 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	47
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	0
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	5
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	4
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	2
AVERAGE FREQ. FOR THE DAY 5-Aug-18	49.99 Hz
Max O/D of the day	985 MW at 16.00-16.15 Hrs 49.95 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	7.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.70
ABOVE 50.05 HZ	12.40
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	5
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.	6-Aug-18	6-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1297.02	NIL	467
R.P.Sagar (Ft.)	1157.5	1128	1142.46	1144.53	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.00	971.80	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.20	850.10		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1576.36	1641.28	18370	39331
Dehar (Ft.)	2941	2900	2921.98	2920.47	8475	17836
Pong(Ft.)	1421	1260	1319.76	1362.85	1226	87005
Mahi-I (Mts.)	281.5	259	274.05	278.30	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.10	218.98	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
6-Aug-18	KTPS	155481	8 days
	STPS	233077	9.5 days
	CHHABRA	200263	26.5 days
	KALISINDH	135385	9.5 days

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

(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 (S/D W.E.F.15.07.14)
DCCPP	HRSG2*	55.00	50	12.0	50	13-Jul-16	16.35	BOXED UP(PERMISSION GIVEN BY R/UNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG1	55.00	50	12.0	50	19-May-18	16.57	NON AVAILABILITY OF GAS(treated as boxed up w.z.L 13.40 hrs./28.05.18 as GTFI BOXED UP)
RAPPIA)	2	200.00	150	36.0	150	30-Jun-18	19.38	BIENNIAL SHUTDOWN
DCCPP	GT1	110.00	100	24.0	100	01-Jul-18	13.29	BOXED UP
DCCPP	GT2	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
STPS	6	250.00	229	12.2	0	17-Jul-18	12.35	06-Aug-18 5.19 BOXED UP
STPS	5	250.00	229	8.1	0	17-Jul-18	17.49	06-Aug-18 3.31 BOXED UP
STPS	1	250.00	229	6.4	0	19-Jul-18	12.55	06-Aug-18 2.48 BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1655.00	1432.00	205.46	745.00			

CENTRAL SECTOR

AURAIYA GPS	1	111.19	18	4.4	18	28-Jun-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
SINGRAULI	7	500.00	85	0.0	0	20-Jun-18	22.50	05-Aug-18 6.51	DGA VIOLATION IN GT (ANNUAL MAINTENANCE OVERHAULING WORK)
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
DABRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28		RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05		RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1721.39	328.00	58.70	243.00				

(B) FORCE OUTAGE

STATE SECTOR

GIRAL	2	125.00	70	16.8	70	27-Jun-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31		DUE TO GENERATOR TRIP 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
BARSINGSAR	2	125.00	110	26.4	110	28-Jul-18	1.31		BOILER REFRACTORY FAILURE
RAMGARH	GT1	35.50	29	7.0	29	02-Aug-18	1.01		SHORTAGE OF SUFFICIENT GAS
RAMGARH	STG2	50.00	40	0.0	0	04-Aug-18	18.02	05-Aug-18 3.25	NON AVAILABILITY OF SUFFICIENT GAS
Total(B) STATE SECTOR-FORCED OUTAGE		1430.50	1262.50	292.48	1222.50				

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH
DABRI GPS	6	154.51	16	3.9	16	10-Jul-18	0.20		RESERVE SHUTDOWN
DABRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30		RESERVE SHUTDOWN
DABRI GPS	5	154.51	16	3.9	16	23-Jul-18	20.30		NON AVAILABILITY OF GAS
DABRI GPS	2	130.19	22	5.3	22	23-Jul-18	20.44		NON AVAILABILITY OF GAS
AURAIYA GPS	3	111.19	18	4.4	18	23-Jul-18	22.10		NON AVAILABILITY OF GAS
AURAIYA GPS	5	109.30	12	2.9	12	26-Jul-18	4.40		TRIPPED DUE TO DAMPER PROBLEM
ISTPP(JHAJHAR)	1	500.00	5	1.2	5	27-Jul-18	0.01		RESERVE SHUTDOWN
UNCHAHAR	5	210.00	27	6.5	27	02-Aug-18	7.58		BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1999.89	138.00	33.40	138.00				
G.TOTAL			325.88	1360.50					

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 (S).