



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

Power Position 09-Aug-19	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. -AUGUST- 2019

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (In LU)
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2019
01-Aug-19	2463.65	2391.48	1974.23	2200.83	-44.56	13.43	9178	10383	49.99	308.35
02-Aug-19	2285.05	2483.73	1975.31	2273.66	-14.85	7.61	9052	10784	49.99	230.03
03-Aug-19	2349.21	2446.76	1897.09	2337.51	-23.85	-5.20	8543	10803	49.99	161.86
04-Aug-19	2322.03	2369.12	1918.67	2373.76	-11.82	28.35	8832	11011	50.00	99.38
05-Aug-19	2312.12	2392.80	2053.83	2304.56	-21.52	12.05	9415	10916	50.01	312.95
06-Aug-19	2284.27	2558.26	2035.84	2363.84	-14.44	11.22	9285	10955	50.02	429.90
07-Aug-19	2334.87	2356.07	1971.35	2386.60	3.37	39.44	8858	11354	50.02	224.48
08-Aug-19	2413.02	2312.65	2011.85	2266.11	5.25	10.26	9097	10371	49.99	94.13
09-Aug-19	2328.14	2233.49								
10-Aug-19										
11-Aug-19										
12-Aug-19										
13-Aug-19										
14-Aug-19										
15-Aug-19										
16-Aug-19										
17-Aug-19										
18-Aug-19										
19-Aug-19										
20-Aug-19										
21-Aug-19										
22-Aug-19										
23-Aug-19										
24-Aug-19										
25-Aug-19										
26-Aug-19										
27-Aug-19										
28-Aug-19										
29-Aug-19										
30-Aug-19										
31-Aug-19										
01-Aug-19	2463.65	2391.48								
MAXIMUM OF THE MONTH	2463.65	2558.26	2053.83	2386.60	5.25	39.44	9415.00	11354.00	50.02	429.90
MIN OF THE MONTH	2284.27	2233.49	1897.09	2200.83	-44.56	-5.20	8543.00	10371.00	49.99	94.13
AVERAGE	2343.60	2393.82	1979.77	2313.36	-15.30	14.65	9032.50	10822.13	50.00	232.64
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2797.55		11-Jun-19	
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							12620	(23.15-23.30 Hrs.)	07-Jun-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75		05-Jun-18	
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							742.55		14-Jul-19	
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54		13-Jun-18	

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		8-Aug-19		
1	KTPS (1240/1240)	156.00	181.00	114.74
2	STPS (1500/1500)	108.00	108.00	85.70
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.68
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	14.98
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	488.00	488.00	424.79
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	280.00	280.00	216.43
11	WIND FARM (4139.20/4292.95)	77.50	87.75	94.13
12	SOLAR POWER(1661.70/2250.16)	126.50	179.41	121.24
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	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.82
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	53.15
18	RAJWEST (1080/1080)	229.00	229.00	139.65
	TOTAL (A) : 1-18	1542.00	1628.16	1290.31
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	45.22	45.37	45.34
b)	DEHAR (198/ 990)	26.75	27.71	27.78
c)	PONG (231.66/396)	26.02	24.35	23.06
	TOTAL : a TO c	97.98	97.44	96.18
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	82.86	73.70	67.09
e)	RIHAND (310.24/3000)	103.84	103.84	112.74
f)	UNCHAHAHAR-I(20/420)	4.34	4.97	2.15
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	32.92	37.10	17.54
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.72	14.08	3.94
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)	3.88	4.22	1.47
m)	NAPP (44/440)	8.79	9.60	9.60
n)	RAPP-B (125/440)	28.27	28.11	28.11
o)	RAPP-C (88/440)	18.95	18.95	18.95
p)	SALAL (20.36/690)	4.78	4.78	4.78
q)	URI (70.37/720)	13.00	13.10	13.21
r)	TANAKPUR (10.86/94)	2.43	2.34	2.30
s)	CHAMERA –I (105.84/540)	24.31	24.35	24.35
t)	CHAMERA-II (29.01/300)	2.21	2.21	2.21
u)	CHAMERA-III (25.21/231)	5.74	5.74	5.74
v)	DHAULIGANGA (27/280)	6.19	6.19	6.19
w)	DULHASTI (42.42/390)	8.12	8.12	8.12
x)	SEWA (13/120)	2.99	2.99	3.01
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	17.90	35.81	30.77
z)	TEHRI (75/1000)	4.81	4.76	4.76
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	29.78	30.36	30.85
ab)	TALA	3.40	3.38	3.38
ac)	MUNDRA UMPP (380/4000)	68.94	58.97	50.50
ad)	SASAN (372/3960)	68.71	70.56	70.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.05	18.24	14.61
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	682.93	683.90	633.01
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	682.93	683.90	633.01
21	BILATERAL (REG.) EXCL. BANKING	13.07	26.15	21.92
22	BANKING	-7.07	-7.07	-7.07
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	109.79	106.91	98.23
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-4.77
25	INDIAN ENERGY EXCHANGE	-12.58	-25.03	-25.03
	TOTAL(B): (19 TO 25)	786.14	784.87	716.30
	TOTAL GENERATION (A +B) : 1 TO 25			2006.60
	OVER DRAWAL (+)/UNDER DRAWAL (-)			5.25
	GRAND TOTAL	2328.14	2413.02	2011.85
	LAST YEAR	2233.49	2312.65	2266.12

3. SYSTEM PARAMETERS AS ON 08-Aug-19

MAXIMUM DRAWL ON 08-Aug-19	9097 MW at 15.00-15.15 HRS 50.00HZ
MINIMUM DRAWL ON 08-Aug-19	7184 MW at 04.00-04.15 Hrs 50.02HZ
Max U/D of the day	888 MW at 16.45-17.00 HRS 49.91 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	13
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	9
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	28
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	36
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	9
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	15
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	7
No. of Blocks in which Freq. >= 50.10	4
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	2
AVERAGE FREQ. FOR THE DAY	8-Aug-19 49.99 Hz
Max O/D of the day	673 MW at 20.00-20.15 Hrs 49.95 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	15.20
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	60.80
ABOVE 50.05 HZ	24.00
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.	9-Aug-19	9-Aug-18		
Gandhi Sagar (Ft.)	1312	1250	1278.50	NA	NIL	1173
R.P.Sagar (Ft.)	1157.5	1128	1144.02	1142.47	NIL	14473
Jawahar Sagar (Ft.)	980	970.4	974.20	973.50	8292	6681
Kota Barrage(Ft.)	854.5	852.3	851.80	851.40		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1663.40	1586.39	31921	60700
Dehar (Ft.)	2941	2900	2925.85	2922.37	8432	27556
Pong(Ft.)	1421	1260	1351.73	1329.41	10009	28062
Mahi-I (Mts.)	281.5	259	277.50	274.15	NIL	77516
Mahi-II (Mts.)	220.5	217	216.60	217.05	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
9-Aug-19	KTPS	153371	8 DAYS
	STPS	93461	4 DAYS
	CHHABRA	179581	13.5 DAYS
	KALISINDH	56399	3.5 DAYS

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

9-Aug-19

(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	60	14.40	60	11-Jul-14	8.20		BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)	
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP	
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29		BOXED UP	
STPS	5	250.00	229	55.00	229	04-Jul-19	13.06		ANNUAL SHUTDOWN W.E.F. 11.07.19 FOR PERIOD OF 20 DAYS	
KTPS	6	195.00	175	42.00	175	07-Jul-19	14.02		ANNUAL S/D FOR 37 DAYS	
ADANI	2	660.00	600	144.00	600	25-Jul-19	23.59		ANNUAL S/D FOR 20 DAYS	
STPS	2	250.00	229	55.00	229	27-Jul-19	12.11		UNDER SHUTDOWN	
STPS	3	250.00	229	55.00	229	28-Jul-19	2.58		BOXED UP	
KTPS	3	210.00	192	46.00	192	28-Jul-19	6.15		BOXED UP	
STPS	6	250.00	229	55.00	229	28-Jul-19	7.12		BOXED UP	
Total(A)STATE SECTOR- PLANNED OUTAGE		2520.00	2243.00	538.40	2243.00					
CENTRAL SECTOR										
AURIYA GFS	2	111.19	18	4.40	18	30-May-19	18.01		NON AVAILABILITY OF CHEAP GAS	
AURIYA GFS	1	111.19	18	4.40	18	05-Jun-19	22.50		NON AVAILABILITY OF CHEAP GAS	
DADRI GFS	6	154.51	88	21.00	88	27-Jun-19	1.55		RESERVE SHUTDOWN	
DADRI GFS	3	130.19	22	5.30	22	24-Jul-19	4.35		RESERVE SHUTDOWN	
DADRI GFS	4	130.19	22	5.30	22	24-Jul-19	9.17		RESERVE SHUTDOWN	
ANTA GFS	2	88.71	31	7.50	31	24-Jul-19	9.22		RESERVE SHUTDOWN	
ANTA GFS	1	88.71	31	7.50	31	24-Jul-19	9.47		RESERVE SHUTDOWN	
ANTA GFS	4	153.20	34	8.20	34	24-Jul-19	9.54		RESERVE SHUTDOWN	
DADRI GFS	1	130.19	22	5.30	22	24-Jul-19	10.02		RESERVE SHUTDOWN	
ANTA GFS	3	88.71	31	7.50	31	24-Jul-19	10.21		RESERVE SHUTDOWN	
DADRI GFS	5	154.51	88	21.00	88	24-Jul-19	10.30		RESERVE SHUTDOWN	
DADRI GFS	2	130.19	22	5.30	22	24-Jul-19	10.44		RESERVE SHUTDOWN	
SINGRAULI STPS	5	200.00	34	8.20	34	06-Aug-19	22.24		MAJOR OVERHAULING WORK	
Total(A)CENTRAL SECTOR- PLANNED OUTAGE		1671.49	461.00	110.90	461.00					
(B) FORCE OUTAGE										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4	
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45		INSUFFICIENT AVAILABILITY OF GAS	
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58		NON AVAILABILITY OF SUFFICIENT GAS	
KALISINDH	2	600.00	565	135.60	565	21-Jul-19	14.08		generator stator earth fault in R-Phase (S/D FOR 21 DAYS)	
KTPS	2	110.00	100	23.00	100	08-Aug-19	9.04		DUE TO BTL	
KTPS	1	110.00	100	1.21	0	08-Aug-19	11.50	09-Aug-19	1.16	ELECTRICAL FAULT
Total(B)STATE SECTOR-FORCED OUTAGE		1105.00	975.00	210.21	875.00					
CENTRAL SECTOR										
AURIYA GFS	5	109.30	12	2.90	12	30-May-19	16.42		AVR PROBLEM	
UNCHAHAR TFS	1	210.00	11	0.00	0	23-Jul-19	2.25	23-Jul-19	6.15	FURNACE PRESSURE LOW
RIBHAND	4	500.00	58	0.00	0	05-Aug-19	23.44	08-Aug-19	9.41	HIGH TURBINE VIBRATION PROBLEM
RAPPIA	2	200.00	150	36.00	150	07-Aug-19	7.30		DUE TO ELECTRICAL FAULT	
DADRI II TFS	2	490.00	15	0.00	0	08-Aug-19	19.38	08-Aug-19	23.16	TRIPPED DUE TO HIGH OSCILLATION IN THE UNIT
UNCHAHAR TFS	1	210.00	11	2.70	11	08-Aug-19	13.22		PRESSURE WATER HIGH	
Total(B)CENTRAL SECTOR- FORCED OUTAGE		1719.30	257.00	41.60	173.00					
G.TOTAL				251.81	1048.00					

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 (\$).