



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

Power Position 06-Aug-19	Point No.
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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								
07-Aug-19										
08-Aug-19										
09-Aug-19										
10-Aug-19										
11-Aug-19										
12-Aug-19										
13-Aug-19										
14-Aug-19										
15-Aug-19										
16-Aug-19										
17-Aug-19										
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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	2373.76	-11.82	28.35	9415.00	11011.00	50.01	312.95
MIN OF THE MONTH	2284.27	2369.12	1897.09	2200.83	-44.56	-5.20	8543.00	10383.00	49.99	99.38
AVERAGE	2336.06	2440.36	1963.83	2298.06	-23.32	11.25	9004.00	10779.40	50.00	222.51
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
		5-Aug-19		
1	KTPS (1240/1240)	180.00	180.00	140.43
2	STPS (1500/1500)	108.00	110.00	82.15
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.73
5	RAPP-A(200/200)	35.00	35.00	39.63
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	9.80
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	495.00	495.00	386.93
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	278.00	278.00	205.62
11	WIND FARM (4139.20/4292.95)	166.00	131.00	312.95
12	SOLAR POWER(1661.70/2250.16)	151.66	102.66	167.39
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	5.00	5.16
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	50.54
18	RAJWEST (1080/1080)	229.00	201.00	115.28
	TOTAL (A) : 1-18	1719.66	1609.66	1536.60
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	44.90	44.25	44.25
b)	DEHAR (198/ 990)	27.48	27.30	26.07
c)	PONG (231.66/396)	24.45	24.45	24.36
	TOTAL : a TO c	96.83	96.00	94.68
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	53.13	89.48	48.56
e)	RIHAND (310.24/3000)	68.30	103.84	82.15
f)	UNCHAHAHAR-I(20/420)	2.04	4.14	0.43
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	3.85	15.21	0.57
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.46	12.07	1.07
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)	2.66	4.40	1.01
m)	NAPP (44/440)	8.67	8.79	8.79
n)	RAPP-B (125/440)	28.11	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)	10.79	13.39	10.04
r)	TANAKPUR (10.86/94)	2.35	2.42	2.35
s)	CHAMERA –I (105.84/540)	24.69	24.69	24.69
t)	CHAMERA-II (29.01/300)	6.75	6.75	6.75
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	7.89	7.89
x)	SEWA (13/120)	1.47	1.26	1.81
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.81	35.81	35.81
z)	TEHRI (75/1000)	4.64	4.62	4.61
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	29.28	29.35	29.96
ab)	TALA	3.40	3.45	3.45
ac)	MUNDRA UMPP (380/4000)	30.32	41.31	17.81
ad)	SASAN (372/3960)	41.36	70.10	68.63
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	16.84	16.57	0.02
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	515.51	655.30	514.87
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	515.51	655.30	514.87
21	BILATERAL (REG.) EXCL. BANKING	26.15	26.15	26.15
22	BANKING	-7.07	-7.07	-7.07
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	104.34	107.99	96.22
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-11.50
25	INDIAN ENERGY EXCHANGE	-74.31	-79.91	-79.91
	TOTAL(B): (19 TO 25)	564.61	702.46	538.75
	TOTAL GENERATION (A +B) : 1 TO 25			2075.35
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-21.52
	GRAND TOTAL	2284.27	2312.12	2053.83
	LAST YEAR	2558.26	2392.80	2304.56

3. SYSTEM PARAMETERS AS ON 05-Aug-19

MAXIMUM DRAWL ON 05-Aug-19	9415 MW at 11.30-11.45 HRS 50.06 HZ
MINIMUM DRAWL ON 05-Aug-19	7393 MW at 04.00-04.15 Hrs 49.98 HZ
Max U/D of the day	730 MW at 19.30-19.45 HRS 49.92 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	42
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	19
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	10
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 5-Aug-19	50.01 Hz
Max O/D of the day	354 MW at 14.00-14.15 Hrs 49.95 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.10
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.80
ABOVE 50.05 HZ	22.10
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.	6-Aug-19	6-Aug-18	5-Aug-19	5-Aug-19
Gandhi Sagar (Ft.)	1312	1250	1270.62	NA	NIL	56633
R.P.Sagar (Ft.)	1157.5	1128	1141.75	1142.46	NIL	6492
Jawahar Sagar (Ft.)	980	970.4	973.40	974.00	NIL	4336
Kota Barrage(Ft.)	854.5	852.3	851.50	851.20		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	NA	1576.36	NA	NA
Dehar (Ft.)	2941	2900	NA	2921.98	NA	NA
Pong(Ft.)	1421	1260	NA	1319.76	NA	NA
Mahi-I (Mts.)	281.5	259	275.05	274.05	NIL	16070
Mahi-II (Mts.)	220.5	217	216.00	217.10	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-19	KTPS	154824	8 DAYS
	STPS	91659	4 DAYS
	CHHABRA	187756	14.5 DAYS
	KALISINDH	187756	3.5 DAYS

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

6-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										
AURVYA GPS	2	111.19	18	4.40	18	30-May-19	18.01			NON AVAILABILITY OF CHEAP GAS
AURVYA GPS	1	111.19	18	4.40	18	05-Jun-19	22.50			NON AVAILABILITY OF CHEAP GAS
DADRI GPS	6	154.51	88	21.00	88	27-Jun-19	1.55			RESERVE SHUTDOWN
DADRI GPS	3	130.19	22	5.30	22	24-Jul-19	4.35			RESERVE SHUTDOWN
DADRI GPS	4	130.19	22	5.30	22	24-Jul-19	9.17			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	24-Jul-19	9.22			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	24-Jul-19	9.47			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	24-Jul-19	9.54			RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.30	22	24-Jul-19	10.02			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	24-Jul-19	10.21			RESERVE SHUTDOWN
DADRI GPS	5	154.51	88	21.00	88	24-Jul-19	10.30			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	24-Jul-19	10.44			RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1471.49	427.00	102.70	427.00					
(B) FORCED OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
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 ("SD FOR 21 DAYS)
RAJWEST	5	135.00	120	0.00	0	26-Jul-19	0.04	05-Aug-19	6.38	DUE TO CONDENSER TUBE LEAKAGE
RTPP	2	125.00	110	0.00	0	05-Aug-19	20.15	05-Aug-19	23.45	DUE TO TURBINE PROBLEM
RAMGARH	GT#1	35.50	29	0.18	0	06-Aug-19	5.42	06-Aug-19	6.20	DUE TO GENERATOR BREAKER TRIP
Total(B) STATE SECTOR-FORCED OUTAGE		1180.50	1034.00	186.18	775.00					
CENTRAL SECTOR										
AURVYA GPS	5	109.30	12	2.90	12	30-May-19	16.42			AVR PROBLEM
UNCHAHAR TPS	1	210.00	11	2.70	11	23-Jul-19	2.25			FURNACE PRESSURE LOW
RHAND	4	500.00	58	13.80	58	30-Jul-19	3.06			TURBINE SHAFT VIBRATION HIGH
Total(B) CENTRAL SECTOR- FORCED OUTAGE		819.30	81.00	19.40	81.00					
G.TOTAL				205.58	856.00					

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 (\$).