



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

Power Position 13-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		
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	1954.43	2125.53	-32.95	30.69	8644	10153	50.01	214.61
10-Aug-19	2352.49	2206.15	1923.64	2281.64	-46.59	19.91	8926	10741	49.99	407.07
11-Aug-19	2307.27	2544.64	1984.30	2261.21	-24.55	-6.83	9097	10668	49.97	292.90
12-Aug-19	2280.84	2543.25	2115.17	2325.85	-7.73	22.35	9706	10710	49.99	161.34
13-Aug-19	2398.23	2475.95								
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	2115.17	2386.60	5.25	39.44	9706.00	11354.00	50.02	429.90
MIN OF THE MONTH	2280.84	2206.15	1897.09	2125.53	-46.59	-6.83	8543.00	10153.00	49.97	94.13
AVERAGE	2340.86	2408.80	1984.64	2291.76	-19.52	15.27	9052.75	10737.42	50.00	244.75
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
		12-Aug-19		
1	KTPS (1240/1240)	165.00	103.00	89.34
2	STPS (1500/1500)	108.00	108.00	77.42
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.70
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	8.71
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	3.84
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	430.00	387.00	388.44
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	275.00	280.00	240.23
11	WIND FARM (4139.20/4292.95)	182.00	174.00	161.34
12	SOLAR POWER(1661.70/2250.16)	121.43	102.33	123.54
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	4.95
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	52.94
18	RAJWEST (1080/1080)	229.00	229.00	201.72
	TOTAL (A) : 1-18	1587.43	1460.33	1373.17
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	45.19	45.30	45.25
b)	DEHAR (198/ 990)	25.83	26.39	26.24
c)	PONG (231.66/396)	24.87	24.87	24.87
	TOTAL : a TO c	95.89	96.55	96.36
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	83.04	83.48	82.02
e)	RIHAND (310.24/3000)	115.93	104.06	103.58
f)	UNCHAHAHAR-I(20/420)	4.06	6.17	1.38
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	28.98	47.17	12.40
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.41	17.08	3.62
j)	DADRI GAS (77/830)	2.34	2.02	0.11
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	1.46	5.12	0.96
m)	NAPP (44/440)	8.81	0.00	2.77
n)	RAPP-B (125/440)	28.08	28.00	28.00
o)	RAPP-C (88/440)	19.08	19.08	19.08
p)	SALAL (20.36/690)	4.79	4.79	4.79
q)	URI (70.37/720)	14.29	14.26	14.08
r)	TANAKPUR (10.86/94)	2.31	2.42	2.27
s)	CHAMERA –I (105.84/540)	24.36	24.66	24.50
t)	CHAMERA-II (29.01/300)	2.21	2.21	2.21
u)	CHAMERA-III (25.21/231)	5.75	5.75	5.75
v)	DHAULIGANGA (27/280)	6.20	6.20	6.20
w)	DULHASTI (42.42/390)	8.14	8.14	8.14
x)	SEWA (13/120)	1.68	2.10	2.10
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.86	35.86	35.86
z)	TEHRI (75/1000)	7.63	6.41	7.07
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	30.60	29.98	30.92
ab)	TALA	3.48	2.84	3.26
ac)	MUNDRA UMPP (380/4000)	54.82	69.86	61.47
ad)	SASAN (372/3960)	70.83	70.83	70.83
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.23	29.20	26.45
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	697.30	724.26	656.20
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	697.30	724.26	656.20
21	BILATERAL (REG.) EXCL. BANKING	30.26	26.58	26.99
22	BANKING	-7.05	-7.05	-7.05
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	108.95	110.66	109.46
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-1.93
25	INDIAN ENERGY EXCHANGE	-18.66	-33.94	-33.94
	TOTAL(B): (19 TO 25)	810.80	820.51	749.73
	TOTAL GENERATION (A +B) : 1 TO 25			2122.90
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-7.73
	GRAND TOTAL	2398.23	2280.84	2115.17
	LAST YEAR	2475.95	2543.25	2325.85

3. SYSTEM PARAMETERS AS ON 12-Aug-19

MAXIMUM DRAWL ON 12-Aug-19	9706 MW at 10.30-10.45 HRS 50.02HZ
MINIMUM DRAWL ON 12-Aug-19	7628 MW at 04.00-04.15 Hrs 49.96HZ
Max U/D of the day	489 MW at 13.15-13.30 HRS 50.03 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	4
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	34
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	13
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	52
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	13
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	13
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	6
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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	12-Aug-19 49.99 Hz
Max O/D of the day	700 MW at 01.00-01.15 Hrs 50.029 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.30
LESS THAN 49.90 HZ	7.30
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.50
ABOVE 50.05 HZ	15.20
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.	13-Aug-19	13-Aug-18		
Gandhi Sagar (Ft.)	1312	1250	1288.08	1274.85	NIL	18939
R.P.Sagar (Ft.)	1157.5	1128	1145.46	1142.90	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.10	974.40	1593	1593
Kota Barrage(Ft.)	854.5	852.3	851.20	850.50		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1669.80	1601.34	31615	56312
Dehar (Ft.)	2941	2900	2924.60	2920.14	8385	25292
Pong(Ft.)	1421	1260	1356.66	1338.60	10009	40652
Mahi-I (Mts.)	281.5	259	281.00	274.30	3674	NIL
Mahi-II (Mts.)	220.5	217	216.35	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
13-Aug-19	KTPS	154036	8 DAYS
	STPS	117977	5 DAYS
	CHHABRA	163888	12.5 DAYS
	KALISINDH	58209	3.5 DAYS

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

13-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	0.00	0	28-Jul-19	6.15	12-Aug-19	17.15		BOXED UP
STPS	6	250.00	229	55.00	229	28-Jul-19	7.12				BOXED UP
KTPS	5	210.00	195	46.00	195	10-Aug-19	10.48				BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE			2730.00	2438.00	538.40	2246.00					
CENTRAL SECTOR											
AURIVA GPS	2	111.19	18	4.40	18	30-May-19	18.01				NON AVAILABILITY OF CHEAP GAS
AURIVA GPS	1	111.19	18	4.40	18	05-Jun-19	22.50				NON AVAILABILITY OF CHEAP GAS
DADRI GPS	6	154.51	88	0.00	0	27-Jun-19	1.55	12.08.19	10.48		RESERVE SHUTDOWN
DADRI GPS	3	130.19	22	0.00	0	24-Jul-19	4.35	12.08.19	6.20		RESERVE SHUTDOWN
DADRI GPS	4	130.19	22	0.00	0	24-Jul-19	9.17	12.08.19	15.57		RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	24-Jul-19	9.47				RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	0.00	0	24-Jul-19	10.02	12.08.19	15.51		RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	24-Jul-19	10.21				RESERVE SHUTDOWN
DADRI GPS	5	154.51	88	0.00	0	24-Jul-19	10.30	12.08.19	21.48		RESERVE SHUTDOWN
DADRI GPS	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(B)-CENTRAL SECTOR-PLANNED OUTAGE			1429.58	396.00	37.30	154.00					
(B) FORCE 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 (S/D FOR 21 DAYS)
KTPS	2	110.00	100	0.00	0	08-Aug-19	9.04	12-Aug-19	22.18		DUE TO BTL
CSCPP	6	660.00	600	0.00	0	12-Aug-19	0.58	12-Aug-19	4.14		DUE TO ECO FEED WATER LOW
STPS	4	250.00	229	0.00	0	12-Aug-19	9.02	12-Aug-19	12.43		FLAME FAILURE
Total(B)-STATE SECTOR-FORCED OUTAGE			1995.00	1704.00	186.00	775.00					
CENTRAL SECTOR											
AURIVA GPS	5	109.30	12	2.90	12	30-May-19	16.42				AVR PROBLEM
ANTA GPS	2	88.71	31	7.50	31	30-Jul-19	0.01				MACHINE TAKEN UNDER SHUT DOWN
ANTA GPS	4	153.20	34	8.20	34	30-Jul-19	0.01				MACHINE TAKEN UNDER SHUT DOWN
RAPP(A)	2	200.00	180	36.00	180	07-Aug-19	7.30				DUE TO ELECTRICAL FAULT
UNCHAHAR	3	210.00	27	6.50	27	11-Aug-19	12.54				DUE TO LOSS OF OIL FUEL
RHAND STPS	4	500.00	59	1.51	59	11-Aug-19	6.48	13-Aug-19	2.33		TURBINE VIBRATION HIGH
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			1261.21	313.00	62.61	313.00					
G.TOTAL			248.61	1088.00							

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 (\$).