



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

Power Position 30-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	2146.11	2384.80	-34.40	44.88	9665	11033	50.01	237.22
14-Aug-19	2418.59	2425.36	2075.34	2420.40	-22.45	82.63	9211	11015	50.01	210.41
15-Aug-19	2549.67	2551.30	1709.60	2388.22	-43.16	21.69	8458	11285	50.06	154.36
16-Aug-19	2190.28	2406.97	1559.93	2312.66	-46.11	32.30	6944	10554	50.02	268.47
17-Aug-19	1919.15	2347.06	1472.52	2316.57	-55.50	22.45	7109	10651	49.99	287.14
18-Aug-19	1826.48	2383.99	1630.61	2258.66	-7.05	7.43	7713	10108	49.98	319.27
19-Aug-19	1973.70	2348.71	1809.75	2175.59	-5.98	10.66	8572	10002	49.99	168.48
20-Aug-19	2188.25	2489.63	1970.41	2251.25	24.57	12.65	9191	10144	49.96	141.78
21-Aug-19	2288.48	2316.07	2156.96	2214.12	31.72	8.48	9848	9822	50.00	377.86
22-Aug-19	2478.88	2311.52	2218.99	2163.33	-37.97	-0.11	10178	9855	50.00	271.46
23-Aug-19	2593.56	2342.65	2317.37	2109.11	-24.89	-6.72	10459	9521	50.01	260.64
24-Aug-19	2617.01	2306.34	2377.09	2121.23	4.56	2.52	10699	9833	50.01	330.28
25-Aug-19	2641.15	2427.98	2291.23	2168.00	11.98	10.42	10277	9918	50.01	233.13
26-Aug-19	2533.13	2509.83	2296.18	2077.88	18.37	11.23	10253	9725	50.01	152.59
27-Aug-19	2526.43	2406.89	2322.36	2147.99	-29.81	23.32	10687	9941	49.97	101.41
28-Aug-19	2376.47	2343.11	2209.09	2223.18	-28.95	5.10	10077	9843	49.99	74.15
29-Aug-19	2437.35	2379.99	2172.48	2144.80	-26.77	3.75	9997	9851	49.99	74.37
30-Aug-19	2334.35	2388.48								
31-Aug-19										
MAXIMUM OF THE MONTH	2641.15	2558.26	2377.09	2420.40	31.72	82.63	10699.00	11354.00	50.06	429.90
MIN OF THE MONTH	1826.48	2206.15	1472.52	2077.88	-55.50	-6.83	6944.00	9521.00	49.96	74.15
AVERAGE	2344.14	2400.01	2019.03	2254.44	-17.45	16.41	9240.38	10412.07	50.00	227.59
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
		29-Aug-19		
1	KTPS (1240/1240)	226.00	226.00	181.29
2	STPS (1500/1500)	271.00	214.00	179.91
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	19.00	19.00	14.62
5	RAPP-A(200/200)	36.00	36.00	39.39
6	MAHI (140/140)	0.00	0.00	15.84
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	30.81
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	400.00	388.00	339.66
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	418.00	415.00	354.34
11	WIND FARM (4139.20/4292.95)	71.00	51.00	74.37
12	SOLAR POWER(1661.70/2250.16)	91.58	143.17	118.50
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)	6.00	6.00	6.33
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	54.19
18	RAJWEST (1080/1080)	176.00	172.00	139.94
	TOTAL (A) : 1-18	1765.58	1721.17	1549.19
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	51.03	50.82	50.91
b)	DEHAR (198/ 990)	26.42	26.50	26.41
c)	PONG (231.66/396)	27.24	27.24	27.24
	TOTAL : a TO c	104.69	104.55	104.55
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	81.61	82.72	82.65
e)	RIHAND (310.24/3000)	103.62	103.62	103.62
f)	UNCHAHAHAR-I(20/420)	4.05	3.44	1.10
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	31.24	30.57	8.86
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	5.60	5.61	0.60
j)	DADRI GAS (77/830)	4.81	3.79	3.41
k)	ANTA (83.07/419)	0.00	0.00	0.38
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.71	8.71	8.71
n)	RAPP-B (125/440)	28.33	28.24	28.24
o)	RAPP-C (88/440)	18.93	18.93	18.93
p)	SALAL (20.36/690)	4.71	4.78	4.72
q)	URI (70.37/720)	15.32	13.18	13.84
r)	TANAKPUR (10.86/94)	2.43	2.43	2.39
s)	CHAMERA –I (105.84/540)	24.29	24.29	24.29
t)	CHAMERA-II (29.01/300)	2.21	2.21	2.21
u)	CHAMERA-III (25.21/231)	5.68	5.68	5.68
v)	DHAULIGANGA (27/280)	1.52	6.19	6.19
w)	DULHASTI (42.42/390)	8.11	8.11	8.11
x)	SEWA (13/120)	1.26	1.47	1.47
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.75	35.75	35.75
z)	TEHRI (75/1000)	6.88	6.81	6.81
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	28.76	29.06	29.78
ab)	TALA	2.98	2.90	3.03
ac)	MUNDRA UMPP (380/4000)	70.36	67.87	67.58
ad)	SASAN (372/3960)	70.41	70.41	70.41
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.56	23.05	22.04
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	693.81	694.39	665.37
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	693.81	694.39	665.37
21	BILATERAL (REG.) EXCL. BANKING	30.29	30.29	27.61
22	BANKING	-7.06	-7.06	-7.06
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	128.64	126.53	119.10
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-26.98
25	INDIAN ENERGY EXCHANGE	-276.91	-127.97	-127.97
	TOTAL(B): (19 TO 25)	568.77	716.18	650.06
	TOTAL GENERATION (A +B) : 1 TO 25			2199.25
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-26.77
	GRAND TOTAL	2334.35	2437.35	2172.48
	LAST YEAR	2388.48	2379.99	2144.80

3. SYSTEM PARAMETERS AS ON 29-Aug-19

MAXIMUM DRAWL ON 29-Aug-19	9997 MW at 12.45-13.00 HRS 50.03 HZ
MINIMUM DRAWL ON 29-Aug-19	7760 MW at 4.00-04.15 Hrs 50.01 HZ
Max U/D of the day	898 MW at 16.00-16.15 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	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	39
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	9
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	41
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	17
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	9
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	9
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 29-Aug-19	49.99 Hz
Max O/D of the day	589 MW at 02.45-03.00 Hrs 49.95 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	6.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.30
ABOVE 50.05 HZ	16.80
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.	30-Aug-19	30-Aug-18		
Gandhi Sagar (Ft.)	1312	1250	1309.93	1281.70	8188	26127
R.P.Sagar (Ft.)	1157.5	1128	1156.48	1146.38	6416	29304
Jawahar Sagar (Ft.)	980	970.4	975.80	974.30	10735	28854
Kota Barrage(Ft.)	854.5	852.3	852.00	850.00		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1675.60	1638.96	35778	46588
Dehar (Ft.)	2941	2900	2922.11	2922.57	8450	20086
Pong(Ft.)	1421	1260	1383.82	1370.63	10008	20937
Mahi-I (Mts.)	281.5	259	281.15	277.40	4600	11267
Mahi-II (Mts.)	220.5	217	218.70	217.40	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
30-Aug-19	KTPS	171080	8.8 DAYS
	STPS	123001	5.4 DAYS
	CHHABRA	165248	12.6 DAYS
	KALISINDH	88883	5.5 DAYS

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

30-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
KTPS	6	195.00	175	42.00	175	07-Jul-19	14.02			ANNUAL S/D UPTO 31.08.19
STPS	2	250.00	229	0.00	0	27-Jul-19	12.11	29-Aug-19	17.17	UNDER SHUTDOWN
Total(A) STATE SECTOR- PLANNED OUTAGE		900.00	764.00	128.40	535.00					
CENTRAL SECTOR										
SINGRAULI STPS	5	200.00	34	8.20	34	06-Aug-19	22.24			MAJOR OVERHAULING WORK
AURAIYA GPS	4	111.19	18	4.40	18	15-Aug-19	10.31			RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.90	12	18-Aug-19	20.26			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.40	18	18-Aug-19	20.30			RESERVE SHUTDOWN
DADRI GPS	5	154.51	16	3.90	16	22-Aug-19	0.58			RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	22-Aug-19	5.37			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	0.00	0	28-Aug-19	22.50	29-Aug-19	18.00	RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	0.00	0	28-Aug-19	22.50	29-Aug-19	18.10	RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	0.00	0	28-Aug-19	22.53	29-Aug-19	11.30	RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	0.00	0	28-Aug-19	22.59	29-Aug-19	18.03	RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	0.00	0	28-Aug-19	22.59	29-Aug-19	18.14	RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	0.00	0	28-Aug-19	23.05	29-Aug-19	17.36	RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	29-Aug-19	22.49			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	29-Aug-19	22.56			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	29-Aug-19	22.58			RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.30	22	29-Aug-19	22.58			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1938.43	332.00	46.10	190.00					
(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-1
RAMGARHI	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARHI	STGr2	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)
RAJWEST	1	135.00	120	28.68	120	21-Aug-19	1.58			BED MATERIAL LEAKAGE
RAJWEST	6	135.00	120	0.00	0	25-Aug-19	2.00	29-Aug-19	21.59	BED MATERIAL LEAKAGE
STPS	5	250.00	229	55.00	229	04-Jul-19	13.06			ANNUAL SHUTDOWN W.E.F. 11.07.19 FOR A PERIOD OF 20DAYS (IT WAS ALREADY UNDER BOXED UP CONDITION W.E.F. 13.06.HRS OF DT. 04.07.19, due to AVR problem(electrical fault).
CSCTPP	6	660.00	600	0.00	0	29-Aug-19	13.08	29-Aug-19	20.44	BED MATERIAL LEAKAGE
RAJWEST	8	135.00	120	23.90	120	30-Aug-19	4.00			BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2200.00	1963.50	293.58	1244.00					
CENTRAL SECTOR										
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	0.00	0	30-Jul-19	0.01	29-Aug-19	20.24	MACHINE TAKEN UNDER SHUT DOWN
DADRI-II TFS	2	490.00	15	3.59	15	14-Aug-19	0.30			DUE TO ROTOR PROBLEM
Rihand	4	500.00	58	13.80	58	17-Aug-19	11.24			taken out due to high turbine vibration
UNCHAHAR TFS	1	210.00	11	0.00	0	29-Aug-19	9.28	29-Aug-19	11.55	CONDENSOR VACUUM LOW
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1441.91	149.00	24.89	104.00					
G.TOTAL				318.47	1348.00					

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 (\$).