



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

<b>Power Position 28-Aug-19</b>		<b>Point No.</b>
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		
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								
29-Aug-19										
30-Aug-19										
31-Aug-19										
MAXIMUM OF THE MONTH	<b>2641.15</b>	<b>2558.26</b>	<b>2377.09</b>	<b>2420.40</b>	<b>31.72</b>	<b>82.63</b>	<b>10699.00</b>	<b>11354.00</b>	<b>50.06</b>	<b>429.90</b>
MIN OF THE MONTH	<b>1826.48</b>	<b>2206.15</b>	<b>1472.52</b>	<b>2077.88</b>	<b>-55.50</b>	<b>-6.83</b>	<b>6944.00</b>	<b>9521.00</b>	<b>49.96</b>	<b>94.13</b>
AVERAGE	<b>2341.16</b>	<b>2401.13</b>	<b>2006.30</b>	<b>2259.66</b>	<b>-16.68</b>	<b>17.30</b>	<b>9181.37</b>	<b>10453.93</b>	<b>50.00</b>	<b>238.94</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							<b>2797.55</b>	<b>11-Jun-19</b>		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							<b>12620</b>	<b>(23.15-23.30 Hrs.)</b>	<b>07-Jun-19</b>	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							<b>2549.75</b>	<b>05-Jun-18</b>		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							<b>13276</b>	<b>(09.30-09.45Hrs.)</b>	<b>28-Dec-18</b>	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							<b>742.55</b>	<b>14-Jul-19</b>		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							<b>565.54</b>	<b>13-Jun-18</b>		

## 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
		27-Aug-19		
1	KTPS (1240/1240)	224.00	218.00	177.38
2	STPS (1500/1500)	108.00	108.00	90.28
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	17.72
5	RAPP-A(200/200)	36.00	36.00	39.19
6	MAHI (140/140)	0.00	0.00	13.49
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	37.70
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	391.00	466.00	408.89
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	415.00	415.00	352.59
11	WIND FARM (4139.20/4292.95)	35.50	57.00	101.41
12	SOLAR POWER(1661.70/2250.16)	124.42	159.72	143.17
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)	7.00	7.00	6.52
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	51.30
18	RAJWEST (1080/1080)	148.05	172.00	149.97
	<b>TOTAL (A) : 1-18</b>	<b>1560.97</b>	<b>1710.72</b>	<b>1589.61</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	50.77	50.90	50.86
b)	DEHAR (198/ 990)	26.51	26.59	26.49
c)	PONG (231.66/396)	27.23	28.02	27.93
	<b>TOTAL : a TO c</b>	<b>104.51</b>	<b>105.51</b>	<b>105.28</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	82.68	82.79	82.68
e)	RIHAND (310.24/3000)	103.46	103.46	103.46
f)	UNCHAHAHAR-I(20/420)	3.71	4.20	2.17
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	33.54	32.00	14.49
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	6.01	5.83	1.91
j)	DADRI GAS (77/830)	3.10	4.21	3.07
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.71	8.78	8.78
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)	4.78	4.78	4.78
q)	URI (70.37/720)	12.81	10.65	10.31
r)	TANAKPUR (10.86/94)	2.43	2.43	2.42
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)	5.72	5.80	5.70
v)	DHAULIGANGA (27/280)	6.19	6.19	6.19
w)	DULHASTI (42.42/390)	8.11	7.97	7.97
x)	SEWA (13/120)	1.68	1.68	1.68
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.75	35.75	35.75
z)	TEHRI (75/1000)	6.77	6.73	6.73
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	29.40	29.85	30.38
ab)	TALA	3.25	3.37	3.20
ac)	MUNDRA UMPP (380/4000)	70.36	70.36	70.36
ad)	SASAN (372/3960)	70.41	70.41	66.53
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.60	30.50	26.83
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	707.74	706.93	674.32
	LOSSES	0.00	0.00	0.70
	NET SCHEDULED	<b>707.74</b>	<b>708.46</b>	<b>675.02</b>
21	BILATERAL (REG.) EXCL. BANKING	30.59	30.44	29.14
22	BANKING	-7.06	-7.06	-7.06
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	131.31	133.47	123.32
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-8.26
25	INDIAN ENERGY EXCHANGE	-47.07	-49.60	-49.60
	<b>TOTAL(B): (19 TO 25)</b>	<b>815.50</b>	<b>815.71</b>	<b>762.57</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2352.18</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-29.81
	<b>GRAND TOTAL</b>	<b>2376.47</b>	<b>2526.43</b>	<b>2322.37</b>
	LAST YEAR	2343.11	2406.89	2147.99

## 3. SYSTEM PARAMETERS AS ON 27-Aug-19

MAXIMUM DRAWL ON 27-Aug-19	10687 MW at 14.45-15.00 HRS 49.95 HZ
MINIMUM DRAWL ON 27-Aug-19	8574 MW at 04.00-04.15 Hrs 50.01 HZ
Max U/D of the day	1274 MW at 20.15-20.30 HRS 50.01 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	12
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	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	35
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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	5
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 27-Aug-19	49.97 Hz
Max O/D of the day	833 MW at 21.15-21.30 Hrs 49.87 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	15.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.40
ABOVE 50.05 HZ	9.70
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.	28-Aug-19	28-Aug-18		
Gandhi Sagar (Ft.)	1312	1250	NA	1281.65	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1156.15	1146.25	6597	122593
Jawahar Sagar (Ft.)	980	970.4	976.50	974.30	1041	123148
Kota Barrage(Ft.)	854.5	852.3	850.00	850.20		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	NA	1636.81	NA	NA
Dehar (Ft.)	2941	2900	NA	2921.25	NA	NA
Pong(Ft.)	1421	1260	NA	1369.84	NA	NA
Mahi-I (Mts.)	281.5	259	281.30	277.00	3716	148959
Mahi-II (Mts.)	220.5	217	218.80	217.40	691	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
28-Aug-19	KTPS	174459	9 DAYS
	STPS	138629	6 DAYS
	CHHABRA	160877	12 DAYS
	KALISINDH	91769	5.5 DAYS

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

28-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	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
STPS	6	250.00	229	55.00	229	28-Jul-19	7.12		BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1400.00	1222.00	293.40	1222.00				

## 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	12-Aug-19	23.37		RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.30	22	13-Aug-19	0.46		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	1	111.19	18	4.40	18	22-Aug-19	5.30		RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	22-Aug-19	5.37		RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	22-Aug-19	5.42		RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	23-Aug-19	22.35		RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	23-Aug-19	22.57		RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	23-Aug-19	22.58		RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1148.06	168.00	40.80	168.00				

## (B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		DATE	TIME	EXPECT./REVIVAL	DATE	TIME	REASON OF 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-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	1	135.00	120	28.68	120	21-Aug-19	1.58			BED MATERIAL LEAKAGE
RAJWEST	6	135.00	120	26.29	120	25-Aug-19	2.00			BED MATERIAL LEAKAGE
RAMGARH	GT2	110.00	100	0.00	0	27-Aug-18	18.18	27-Aug-18	21.03	TRIPPED ON HIGH SPREAD
RAMGARH	STG#1	50.00	40	0.00	0	27-Aug-18	18.18	27-Aug-18	23.01	TRIPPED ON HIGH SPREAD
KTPS	5	210.00	192	0.00	0	27-Aug-18	21.27	27-Aug-18	23.54	due to C&I Problem
RAJWEST	2	135.00	120	5.44	120	28-Aug-19	4.33			DUE TO TURBINE OIL LEAKAGE
STPS	5	250.00	229	55.00	229	04-Jul-19	13.06			API PROBLEM AT 22.00HRS./27.08.19
Total(B) STATE SECTOR-FORCED OUTAGE		1910.00	1695.00	301.41	1363.00					

## 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	8.20	34	30-Jul-19	0.01			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
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1231.91	138.00	33.09	138.00					
G.TOTAL				334.50	1501.00					

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 (S).