



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

<b>Power Position 31-Aug-18</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. -AUG- 2018**

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017		
Aug-18										
01-Aug-18	2391.48	1809.65	2200.83	1534.97	13.43	12.04	10383	7350	49.99	482.36
02-Aug-18	2483.73	1764.56	2273.66	1610.64	7.61	3.16	10784	7731	49.95	499.22
03-Aug-18	2446.76	1852.55	2337.51	1638.77	-5.20	7.49	10803	7968	49.98	515.49
04-Aug-18	2369.12	1830.71	2373.76	1750.79	28.35	2.95	11011	8572	49.96	506.30
05-Aug-18	2392.80	1744.96	2304.56	1805.79	12.05	18.72	10916	8337	49.99	408.15
06-Aug-18	2558.26	1790.03	2363.84	1818.60	11.22	34.42	10955	8235	49.98	345.50
07-Aug-18	2356.07	1904.07	2386.60	2028.58	39.44	59.34	11354	8991	49.95	187.56
08-Aug-18	2312.65	1946.49	2266.11	1796.52	10.26	6.38	10371	8057	49.96	71.09
09-Aug-18	2233.49	1897.76	2125.53	1816.65	30.69	-2.69	10153	8321	49.97	72.05
10-Aug-18	2206.15	1989.10	2281.64	1847.43	19.91	7.79	10741	8831	49.95	215.45
11-Aug-18	2544.63	2000.77	2261.21	1877.18	-6.83	26.30	10668	8935	49.99	500.67
12-Aug-18	2543.25	2018.63	2325.85	1884.32	22.35	17.41	10710	8876	50.01	491.24
13-Aug-18	2475.95	2033.92	2384.80	1871.70	44.88	25.60	11033	8858	49.98	360.35
14-Aug-18	2425.36	1979.86	2420.40	1914.13	82.63	25.96	11015	8884	49.97	189.66
15-Aug-18	2551.30	1997.44	2388.22	1963.25	21.69	24.08	11285	9173	50.02	140.50
16-Aug-18	2406.97	2147.85	2312.66	2048.10	32.30	15.28	10554	9971	50.02	60.23
17-Aug-18	2347.06	2249.90	2316.57	2131.42	22.45	12.44	10651	9665	49.99	75.73
18-Aug-18	2383.99	2288.38	2262.19	2222.22	7.43	21.32	10108	10236	49.97	69.77
19-Aug-18	2348.71	2121.45	2175.59	2221.13	10.66	69.41	10002	10252	50.00	180.48
20-Aug-18	2489.63	2295.29	2251.24	2084.72	12.65	39.94	10144	10293	50.01	248.75
21-Aug-18	2316.07	2204.33	2214.12	2180.76	8.48	49.65	9822	9863	49.99	202.01
22-Aug-18	2311.52	2261.01	2163.32	2220.62	-0.11	21.76	9855	10155	49.98	344.16
23-Aug-18	2342.65	2268.31	2109.11	2142.43	-6.72	16.48	9521	9926	49.97	412.53
24-Aug-18	2306.34	2287.71	2121.23	2069.44	2.52	18.79	9833	9174	49.98	472.27
25-Aug-18	2427.98	2291.13	2168.09	1910.49	10.42	16.72	9918	8995	50.01	444.20
26-Aug-18	2509.83	2123.70	2077.88	1890.77	11.23	25.58	9725	8773	50.01	290.14
27-Aug-18	2406.89	2097.07	2147.99	1886.62	23.32	6.64	9941	9385	49.99	96.86
28-Aug-18	2343.11	2158.99	2223.18	1947.08	5.10	13.81	9843	9264	49.96	98.14
29-Aug-18	2379.99	<b>2339.50</b>	2144.80	1893.50	3.75	-0.53	9851	9114	49.97	183.63
30-Aug-18	2388.48	2204.04	2186.37	1782.01	10.48	12.81	10153	8199	49.98	389.69
31-Aug-18	2408.79	1987.17								
01-Sep-18										
MAXIMUM OF THE MONTH	<b>2558.26</b>	<b>2295.29</b>	<b>2420.40</b>	<b>2222.22</b>	<b>82.63</b>	<b>69.41</b>	<b>11354.00</b>	<b>10293.00</b>	<b>50.02</b>	<b>515.49</b>
MIN OF THE MONTH	<b>2206.15</b>	<b>1744.96</b>	<b>2109.11</b>	<b>1534.97</b>	<b>-6.83</b>	<b>-2.69</b>	<b>9521.00</b>	<b>7350.00</b>	<b>49.95</b>	<b>60.23</b>
AVERAGE	<b>2400.40</b>	<b>2048.42</b>	<b>2254.57</b>	<b>1931.33</b>	<b>16.41</b>	<b>20.56</b>	<b>10412.07</b>	<b>9040.86</b>	<b>49.98</b>	<b>281.53</b>

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

11698

(08.15-08.30Hrs.)

05-Jun-18

MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD DURING THE FY 2017-18 (MW)

11564

(08.00-8.15Hrs.)

13-Jan-18

MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)

565.54

13-Jun-18

MAX.WIND DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

## 2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		30-Aug-18		
1	KTPS (1240/1240)	200.00	200.00	156.96
2	STPS (1500/1500)	165.00	220.00	147.96
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	31.00	31.00	29.37
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	4.54
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	294.00	294.00	285.43
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	389.00	310.98
11	WIND FARM (4137.20/4290.95)	403.00	241.00	389.69
12	SOLAR POWER(1656.70/2246.21)	69.45	113.08	110.85
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	19.96
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	2.00	2.00	2.43
17	BARSINGHAR LTPS(250/250)	52.00	52.00	52.59
18	RAJWEST (1080/1080)	201.00	201.00	135.97
	<b>TOTAL (A) : 1-18</b>	<b>1839.45</b>	<b>1743.08</b>	<b>1646.73</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.92	27.37	27.33
b)	DEHAR (198/ 990)	27.70	27.75	27.98
c)	PONG (231.66/396)	28.19	27.55	28.10
	<b>TOTAL : a TO c</b>	<b>82.81</b>	<b>82.67</b>	<b>83.41</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	72.84	30.14	25.74
e)	RIHAND (310.24/3000)	123.52	110.05	91.42
f)	UNCHAHAHAR-I(20/420)	2.55	2.61	1.24
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	16.47	18.41	6.44
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	11.76	15.01	4.23
j)	DADRI GAS (77/830)	1.53	2.28	1.80
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)	8.69	8.67	8.67
n)	RAPP-B (125/440)	29.22	29.30	29.30
o)	RAPP-C (88/440)	18.71	18.71	18.71
p)	SALAL (20.36/690)	4.70	4.68	4.68
q)	URI (70.37/720)	10.79	11.61	9.63
r)	TANAKPUR (10.86/94)	2.43	2.41	2.38
s)	CHAMERA –I (105.84/540)	24.23	24.23	24.23
t)	CHAMERA-II (29.01/300)	6.65	6.65	6.65
u)	CHAMERA-III (25.21/231)	4.89	4.89	5.09
v)	DHAULIGANGA (27/280)	4.00	2.16	2.16
w)	DULHASTI (42.42/390)	9.60	9.60	9.60
x)	SEWA (13/120)	1.05	1.05	1.05
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.51	35.51	35.51
z)	TEHRI (75/1000)	18.44	18.44	18.44
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	28.27	29.51	30.67
ab)	TALA	3.56	3.56	3.55
ac)	MUNDRA UMPP (380/4000)	47.38	47.53	20.81
ad)	SASAN (372/3960)	83.23	81.74	82.76
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	19.49	18.18	6.78
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	672.31	619.60	534.94
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>672.31</b>	<b>619.60</b>	<b>534.94</b>
21	BILATERAL (REG.) EXCL. BANKING	26.12	26.12	26.12
22	BANKING	-7.56	-7.56	-7.56
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	35.89	43.18	34.00
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-22.39
25	INDIAN ENERGY EXCHANGE	-157.42	-35.94	-35.94
	<b>TOTAL(B): (19 TO 25)</b>	<b>569.35</b>	<b>645.40</b>	<b>529.16</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2175.89</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			10.48
	<b>GRAND TOTAL</b>	<b>2408.79</b>	<b>2388.48</b>	<b>2186.37</b>
	LAST YEAR	1987.17	2204.04	1782.00

## 3. SYSTEM PARAMETERS AS ON 30-Aug-18

MAXIMUM DRAWL ON 30-Aug-18	10153 MW at 22.45-23.00 Hrs 50.00 HZ
MINIMUM DRAWL ON 30-Aug-18	8207 MW at 04.00-04.15 Hrs 49.95 HZ
Max U/D of the day	583 MW at 21.00-21.15 Hrs 49.93 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	8
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	46
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
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	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	7
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
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 30-Aug-18	49.98 Hz
Max O/D of the day	658 MW at 02.00-02.15 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	11.30
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.10
ABOVE 50.05 HZ	8.60
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.	31-Aug-18	31-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	1282.40	1299.15	NIL	5299
R.P.Sagar (Ft.)	1157.5	1128	1146.50	1145.77	NIL	1258
Jawahar Sagar (Ft.)	980	970.4	972.50	974.50	NIL	673
Kota Barrage(Ft.)	854.5	852.3	850.10	852.80		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1640.12	1669.64	17418	36325
Dehar (Ft.)	2941	2900	2922.57	2926.11	8440	16949
Pong(Ft.)	1421	1260	1371.22	1381.14	10503	26827
Mahi-I (Mts.)	281.5	259	277.50	281.30	NIL	3991
Mahi-II (Mts.)	220.5	217	217.40	219.00	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
31-Aug-18	KTPS	147441	7.5 days
	STPS	138446	5.5 days
	CHHABRA	147636	19.5 days
	KALISINDH	15329	11 days

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

31-Aug-18

## (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	70	16.8	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVUNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	HRSG#1	55.00	50	12.0	50	19-May-18	16.57			NON AVAILABILITY OF GAS(treated as boxed up w.e.f. 13.40 hrs./28.05.18 as GT#1 BOXED UP)
RAPP(A)	2	200.00	150	36.0	150	30-Jun-18	19.38			BIENNIAL SHUTDOWN
DCCPP	GT#1	110.00	100	24.0	100	01-Jul-18	13.29			BOXED UP
DCCPP	GT#2	110.00	100	24.0	100	01-Jul-18	13.24			BOXED UP
STPS	3	250.00	229	55.0	229	22-Aug-18	13.09			BOXED UP
STPS	6	250.00	229	55.0	229	23-Aug-18	9.54			BOXED UP
STPS	6	250.00	229	55.0	229	30-Aug-18	12.49			BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE		1155.00	978.00	234.80	978.00					

## CENTRAL SECTOR

ANTA GPS	2	88.71	31	7.5	31	27-Jun-18	10.24			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	07-Jul-18	12.10			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.2	34	07-Jul-18	12.16			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	07-Jul-18	12.46			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.4	18	10-Aug-18	6.08			RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.9	12	10-Aug-18	12.08			RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.4	18	10-Aug-18	12.14			RESERVE SHUTDOWN
UNCHAHAR	2	210.00	24	5.7	24	19-Aug-18	2.09			ANNUAL MAINTENANCE (FUEL SHORTAGE)
AURAIYA GPS	4	111.19	18	4.4	18	24-Aug-18	15.21			RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.9	12	24-Aug-18	15.52			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	24-Aug-18	16.00			RESERVE SHUTDOWN
JHAJJAR	2	500.00	5	1.2	5	26-Aug-18	23.11			FUEL SHORTAGE COAL SHORTAGE
DADRI GPS	3	130.19	22	5.3	22	27-Aug-18	21.07			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DADRI GAS
DADRI GPS	6	154.51	14	3.3	14	27-Aug-18	21.09			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DADRI GAS
DADRI GPS	4	130.19	22	5.3	22	27-Aug-18	21.16			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DADRI GAS
DADRI GPS	2	130.19	22	5.3	22	27-Aug-18	21.21			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DADRI GAS
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		419.33	127.00	30.70	127.00					

## (B) FORCE OUTAGE

## STATE SECTOR

STATE SECTOR										
GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
KTPS	1	110.00	100	23.0	100	31-May-18	17.25			DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
KTPS	3	210.00	192	14.6	0	20-Aug-18	23.59	31-Aug-18	7.38	TO ATTEND AXEL SHAFT & CONDENSER CLEANING
RAMGARH	STG#1	37.50	10	3.0	10	25-Aug-18	15.23			LOW VACCUM
RAJWEST	3	135.00	120	28.7	120	27-Aug-18	11.23			BED MATERIAL LEAKAGE
RAMGARH	GT#2	37.50	29	7.0	29	27-Aug-18	18.00			DUE TO UNAVAILABILITY OF SUFFICIENT GAS
Total(B)-STATE SECTOR-FORCED OUTAGE		1255.00	1086.00	228.71	894.00					

## CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
SINGRAULI	6	500.00	85	3.77	0	29-Aug-18	0.28	31-Aug-18	4.25	BOILER TUBE LEAKAGE
SINGRAULI	7	500.00	85	0.00	0	30-Aug-18	0.22	30-Aug-18	8.37	SECONDARY AIR PRE HEATER PROBLEM
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		1500.00	170.00	3.77	0.00					

G.TOTAL 232.48 894.00

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 (\$).