



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

<b>Power Position 13-Aug-18</b>	<b>Point No.</b>
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**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								
14-Aug-18										
15-Aug-18										
16-Aug-18										
17-Aug-18										
18-Aug-18										
19-Aug-18										
20-Aug-18										
21-Aug-18										
22-Aug-18										
23-Aug-18										
24-Aug-18										
25-Aug-18										
26-Aug-18										
27-Aug-18										
28-Aug-18										
29-Aug-18										
30-Aug-18										
31-Aug-18										
01-Sep-18										
MAXIMUM OF THE MONTH	<b>2558.26</b>	<b>2033.92</b>	<b>2386.60</b>	<b>2028.58</b>	<b>39.44</b>	<b>59.34</b>	<b>11354.00</b>	<b>8991.00</b>	<b>50.01</b>	<b>515.49</b>
MIN OF THE MONTH	<b>2206.15</b>	<b>1744.96</b>	<b>2125.53</b>	<b>1534.97</b>	<b>-6.83</b>	<b>-2.69</b>	<b>10153.00</b>	<b>7350.00</b>	<b>49.95</b>	<b>71.09</b>
AVERAGE	<b>2408.80</b>	<b>1891.02</b>	<b>2291.76</b>	<b>1784.19</b>	<b>15.27</b>	<b>16.11</b>	<b>10737.42</b>	<b>8350.33</b>	<b>49.97</b>	<b>357.92</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 t of Avail. For next Day	Prior assessment t of Avail.	Actual Energy Received	Prior assessment t of Avail. For next Day	Prior assessment t of Avail.	Actual Energy Received	Prior assessment t of Avail. For next Day	Prior assessment t of Avail.	Actual Energy Received
		10-Aug-18			11-Aug-18			12-Aug-18		
1	KTPS (1240/1240)	246.00	246.00	222.07	246.00	246.00	192.91	199.00	246.00	178.49
2	STPS (1500/1500)	273.00	273.00	230.83	273.00	273.00	207.92	273.00	273.00	211.60
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	33.00	33.00	31.55	33.00	33.00	30.23	33.00	33.00	29.46
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	3.39	0.00	0.00	0.00	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	272.00	164.00	274.83	285.00	272.00	241.09	285.00	285.00	266.45
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	398.00	382.00	358.84	374.00	398.00	313.10	379.00	374.00	324.06
11	WIND FARM (4137.20/4290.95)	389.50	162.00	215.45	484.00	389.50	500.67	321.50	484.00	491.24
12	SOLAR POWER(1656.70/2246.21)	65.26	48.08	88.63	88.63	65.26	126.13	126.13	88.63	109.96
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	28.33	11.73	0.00	8.25	28.33	0.00	17.80	8.25	0.00
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.25	3.00	5.00	3.16	3.00	3.00	3.17
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	26.29	27.00	26.00	26.36	27.00	27.00	25.39
18	RAJWEST (1080/1080)	201.00	229.00	230.63	201.00	201.00	151.63	201.00	201.00	173.36
	<b>TOTAL (A) : 1-18</b>	<b>1937.09</b>	<b>1579.81</b>	<b>1686.76</b>	<b>2022.88</b>	<b>1937.09</b>	<b>1793.20</b>	<b>1865.43</b>	<b>2022.88</b>	<b>1813.18</b>
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	26.04	26.26	25.87	26.32	26.04	26.76	22.18	26.32	22.40
b)	DEHAR (198/ 990)	27.75	27.86	26.77	27.27	27.75	27.34	28.16	27.27	27.56
c)	PONG (231.66/396)	16.17	16.08	16.72	9.29	16.17	10.44	1.71	9.29	3.34
	<b>TOTAL : a To c</b>	<b>69.96</b>	<b>70.20</b>	<b>69.36</b>	<b>62.88</b>	<b>69.96</b>	<b>64.53</b>	<b>52.05</b>	<b>62.88</b>	<b>53.30</b>
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	87.01	91.60	91.60	91.60	87.01	63.38	93.06	91.60	89.25
e)	RIHAND (310.24/3000)	123.20	123.20	123.20	123.20	123.20	99.73	123.02	123.20	124.01
f)	UNCHAHAR-I(20/420)	4.01	5.79	4.50	5.04	4.01	1.55	5.56	5.04	3.09
g)	UNCHAHAR-II& III & IV(135.09/1130)	14.80	18.56	13.31	16.86	14.80	4.29	20.24	16.86	10.06
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI SI-II ( 43.22/980) + DADRI-TH	11.49	16.22	11.63	11.19	11.49	0.77	15.26	11.19	8.82
j)	DADRI GAS (77/830)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	1.26	1.70	1.17	1.21	1.26	0.82	2.03	1.21	1.43
m)	NAPP (44/440)	8.74	8.85	8.85	8.74	8.74	8.74	7.31	8.74	8.74
n)	RAPP-B (125/440)	29.15	29.23	29.23	29.06	29.15	29.15	29.19	29.06	29.06
o)	RAPP-C (88/440)	18.71	18.71	18.71	18.71	18.71	18.71	18.68	18.71	18.71
p)	SALAL (20.36/690)	4.69	4.69	4.69	4.71	4.69	4.72	3.49	4.71	4.71
q)	URI (70.37/720)	16.15	16.12	15.90	16.06	16.15	15.89	15.95	16.06	15.94
r)	TANAKPUR (10.86/94)	2.41	2.41	2.41	2.42	2.41	2.36	2.41	2.42	1.33
s)	CHAMERA –I (105.84/540)	24.23	24.23	24.23	24.23	24.23	24.23	24.20	24.23	24.23
t)	CHAMERA-II (29.01/300)	6.65	6.65	6.65	6.65	6.65	6.65	6.64	6.65	6.65
u)	CHAMERA-III (25.21/231)	5.79	5.79	5.79	5.77	5.79	5.79	5.76	5.77	5.77
v)	DHAULIGANGA (27/280)	6.19	6.19	6.19	6.19	6.19	6.19	1.72	6.19	6.19
w)	DULHASTI (42.42/390)	6.48	7.58	7.99	8.42	6.48	7.77	6.47	8.42	7.84
x)	SEWA (13/120)	3.27	3.27	3.27	2.98	3.27	3.27	1.31	2.98	2.98
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	22.23	26.05	0.00	31.07	22.23	11.99	35.46	31.07	31.34
z)	TEHRI (75/1000)	15.78	12.64	13.03	15.78	15.78	15.78	15.15	15.78	14.70
aa)	KOTESHWAR (33.44/400) + PARBATI (56.73/520)	31.33	30.49	33.87	31.36	31.33	33.81	30.76	31.36	33.15
ab)	TALA	3.56	3.26	3.26	3.56	3.56	3.56	3.56	3.56	3.56
ac)	MUNDRA UMPP (380/4000)	69.82	51.93	54.58	69.86	69.82	38.61	69.88	69.86	64.76
ad)	SASAN (372/3960)	53.59	68.75	64.73	54.27	53.59	52.07	68.89	54.27	57.09
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.58	30.05	29.86	30.07	28.58	13.53	29.18	30.07	24.87
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(A to Af)	669.08	684.17	648.02	681.89	669.08	537.88	687.26	681.89	651.58
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	<b>669.08</b>	<b>684.17</b>	<b>648.02</b>	<b>681.89</b>	<b>669.08</b>	<b>537.88</b>	<b>687.26</b>	<b>681.89</b>	<b>651.58</b>
21	BILATERAL (REG.) EXCL. BANKING	23.12	25.72	11.04	26.13	23.12	17.86	26.09	26.13	26.13
22	BANKING	-16.77	-7.56	-7.56	-16.77	-16.77	-16.77	-16.78	-16.77	-16.77
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	116.16	97.34	116.16	83.12	84.83	116.16	80.57	62.82	83.12
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-28.33	-11.73	0.00	-8.25	-28.33	0.00	-17.80	-8.25	0.00
25	INDIAN ENERGY EXCHANGE	-155.71	-180.41	-180.41	-245.75	-155.71	-155.71	-148.82	-245.75	-245.75
	<b>TOTAL(B): (19 TO 25)</b>	<b>607.55</b>	<b>626.35</b>	<b>587.24</b>	<b>520.38</b>	<b>607.55</b>	<b>499.41</b>	<b>610.52</b>	<b>520.38</b>	<b>490.32</b>
	TOTAL GENERATION (A + B) : 1 TO 25			<b>2274.00</b>			<b>2292.61</b>			<b>2303.50</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			19.91			-6.83			22.35
	<b>GRAND TOTAL</b>	<b>2544.64</b>	<b>2206.15</b>	<b>2293.91</b>	<b>2543.25</b>	<b>2544.64</b>	<b>2285.78</b>	<b>2475.95</b>	<b>2543.25</b>	<b>2325.85</b>
	LAST YEAR	2000.77	1989.10	1847.43	2018.63	2000.77	1877.18	2018.63	2033.92	1884.32

## 3. SYSTEM PARAMETERS AS ON 12-Aug-18

MAXIMUM DRAWL ON 12-Aug-18	10710 MW at 23.15-23.30 Hrs 50.04 HZ
MINIMUM DRAWL ON 12-Aug-18	8056 MW at 18.30-18.45 Hrs 49.98 HZ
Max U/D of the day	452 MW at 10.00-10.15 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	1
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	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	12
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	51
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	7
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	13
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 12-Aug-18	50.01 Hz
Max O/D of the day	481 MW at 12.15-12.30 Hrs 49.99 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	1.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	82.90
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-18	13-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	1274.85	1297.19	NIL	822
R.P.Sagar (Ft.)	1157.5	1128	1142.90	1145.56	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.40	971.70	NIL	185
Kota Barrage(Ft.)	854.5	852.3	850.50	850.30		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1601.34	1656.00	13619	70521
Dehar (Ft.)	2941	2900	2920.14	2919.88	8417	23531
Pong(Ft.)	1421	1260	1338.60	1376.19	803	94549
Mahi-I (Mts.)	281.5	259	274.30	278.65	NIL	2083
Mahi-II (Mts.)	220.5	217	217.05	218.95	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-18	KTPS	116640	6 DAYS
	STPS	203620	8 DAYS
	CHHABRA	244153	32.5 DAYS
	KALISINDH	138650	10 DAYS

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

13-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 RUVNL 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(reated as boxed up w.c.f. 12.40 hrs./28.05.18 as CFI 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
CHHABRA	2	250.00	225	54.0	225	10-Jul-18	4.53			ANNUAL SHUTDOWN
Total(A)STATE SECTOR-PLANNED OUTAGE			905.00	745.00	178.80	745.00				

## CENTRAL SECTOR

AURAIYA GFS	1	111.19	18	0.0	0	28-Jan-18	5.51	08-Aug-18	17.52	RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.5	31	27-Jun-18	10.24			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.5	31	07-Jul-18	12.10			RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.2	34	07-Jul-18	12.16			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.5	31	07-Jul-18	12.46			RESERVE SHUTDOWN
DADBRI GFS	6	154.51	16	3.9	16	10-Jul-18	0.20			RESERVE SHUTDOWN
DADBRI GFS	3	130.19	22	5.3	22	10-Jul-18	0.28			RESERVE SHUTDOWN
DADBRI GFS	4	130.19	22	5.3	22	10-Jul-18	0.30			RESERVE SHUTDOWN
DADBRI GFS	1	130.19	22	5.3	22	14-Jul-18	11.05			RESERVE SHUTDOWN
DADBRI GFS	5	154.51	16	3.9	16	23-Jul-18	20.30			RESERVE SHUTDOWN
DADBRI GFS	2	130.19	22	5.3	22	23-Jul-18	20.44			RESERVE SHUTDOWN
ISTPP(JHAJHAR)	1	500.00	5	1.2	5	27-Jul-18	0.01			RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	18	4.4	18	10-Aug-18	6.08			RESERVE SHUTDOWN
AURAIYA GFS	5	109.30	12	2.9	12	10-Aug-18	12.08			RESERVE SHUTDOWN
AURAIYA GFS	2	111.19	18	4.4	18	10-Aug-18	12.14			RESERVE SHUTDOWN
AURAIYA GFS	4	111.19	18	4.4	18	12-Aug-18	8.06			
Total(A)CENTRAL SECTOR-PLANNED OUTAGE			2303.17	336.00	77.00	318.00				

## (B) FORCE OUTAGE

## STATE SECTOR

## STATE SECTOR

GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27			DESYNCRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	565	125.6	565	07-Apr-18	17.21			DUE TO GENERATOR TRIP TRIP
KTPS	1	110.00	100	23.0	100	31-May-18	17.25			DESYNCRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44	24-Aug-18		GENERATOR PROTECTION OPERATED
BARSINGSAR	2	125.00	110	26.4	110	28-Jul-18	1.31			BOILER REFRACTORY FAILURE
RAMGARH	GT#1	35.50	29	7.0	29	02-Aug-18	1.01			SHORTAGE OF SUFFICIENT GAS
RAJWEST	3	135.00	120	28.67	120	10-Aug-18	23.06			BED MATERIAL LEAKAGE
KTPS	5	210.00	192	46.00	192	12-Aug-18	13.13			DESYNCRONIZED DUE TO BOILER TUBE LEAKAGE
Total(B)STATE SECTOR-FORCED OUTAGE			1380.50	1223.00	338.47	1223.00				

## CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
UNCHAHAR	5	210.00	27	6.5	27	02-Aug-18	7.58			BOILER TUBE LEAKAGE
Total(B)CENTRAL SECTOR-FORCED OUTAGE			710.00	27.00	6.50	27.00				
G.TOTAL			344.97	1250.00						

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 (\$).