



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

<b>Power Position 02-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. -JULY- 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								
03-Aug-18										
04-Aug-18										
05-Aug-18										
06-Aug-18										
07-Aug-18										
08-Aug-18										
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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	2483.73	1809.65	2200.83	1534.97	13.43	12.04	10383.00	7350.00	49.99	482.36
MIN OF THE MONTH	2391.48	1764.56	2200.83	1534.97	13.43	12.04	10383.00	7350.00	49.99	482.36
AVERAGE	2437.61	1787.11	2200.83	1534.97	13.43	12.04	10383.00	7350.00	49.99	482.36

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
		1-Aug-18		
1	KTPS (1240/1240)	246.00	245.00	191.75
2	STPS (1500/1500)	100.00	110.00	44.91
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	34.00	31.20
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	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	244.73
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	415.00	317.05
11	WIND FARM (4137.20/4290.95)	487.00	427.00	482.36
12	SOLAR POWER(1656.70/2246.21)	71.44	83.34	85.35
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	-6.59	-7.55	-6.32
16	BIOMASS – (101.95/119.25)	3.00	3.00	2.87
17	BARSINGHAR LTPS(250/250)	26.00	0.00	0.06
18	RAJWEST (1080/1080)	201.00	201.00	146.66
	<b>TOTAL (A) : 1-18</b>	<b>1749.85</b>	<b>1674.79</b>	<b>1540.63</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.04	26.79	26.79
b)	DEHAR (198/ 990)	27.95	27.72	27.72
c)	PONG (231.66/396)	17.87	19.51	19.02
	<b>TOTAL : a TO c</b>	<b>72.86</b>	<b>74.02</b>	<b>73.53</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.75	60.24	58.75
e)	RIHAND (310.24/3000)	123.33	123.33	123.33
f)	UNCHAHAHAR-I(20/420)	5.08	5.37	1.82
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	12.51	13.12	4.32
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	13.07	14.52	3.37
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	1.62	1.59	0.79
m)	NAPP (44/440)	0.00	8.84	8.84
n)	RAPP-B (125/440)	29.34	29.34	29.34
o)	RAPP-C (88/440)	18.77	18.77	18.77
p)	SALAL (20.36/690)	4.70	4.70	4.67
q)	URI (70.37/720)	16.18	15.95	15.45
r)	TANAKPUR (10.86/94)	0.00	0.00	0.00
s)	CHAMERA –I (105.84/540)	24.26	24.26	24.26
t)	CHAMERA-II (29.01/300)	6.66	6.66	6.66
u)	CHAMERA-III (25.21/231)	5.80	5.80	5.80
v)	DHAULIGANGA (27/280)	6.19	6.23	6.23
w)	DULHASTI (42.42/390)	9.74	9.46	9.57
x)	SEWA (13/120)	0.94	1.26	1.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.55	35.55	35.15
z)	TEHRI (75/1000)	12.84	15.97	13.69
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	29.24	31.53	32.29
ab)	TALA	3.47	3.56	3.56
ac)	MUNDRA UMPP (380/4000)	69.43	60.75	46.45
ad)	SASAN (372/3960)	69.62	69.62	69.62
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	19.58	23.52	12.07
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	655.53	663.96	609.58
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>655.53</b>	<b>663.96</b>	<b>609.58</b>
21	BILATERAL (REG.) EXCL. BANKING	26.15	26.15	26.15
22	BANKING	-7.56	-7.56	-7.56
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	116.28	121.53	111.35
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	6.59	7.55	6.32
25	INDIAN ENERGY EXCHANGE	-63.11	-99.06	-99.06
	<b>TOTAL(B): (19 TO 25)</b>	<b>733.88</b>	<b>716.68</b>	<b>646.77</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2187.40</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			13.43
	<b>GRAND TOTAL</b>	<b>2483.74</b>	<b>2391.47</b>	<b>2200.83</b>
	LAST YEAR	1809.65	1809.65	1534.97

## 3. SYSTEM PARAMETERS AS ON 01-Aug-18

MAXIMUM DRAWL ON 01-Aug-18	10383 MW at 23.00-23.15 Hrs 49.96 HZ
MINIMUM DRAWL ON 01-Aug-18	8042 MW at 18.45-19.00 Hrs 49.99 HZ
Max U/D of the day	389 MW at 08.00-08.15Hrs 49.96 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	0
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	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	40
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
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	1
NO. OF VIOLATION( UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 1-Aug-18	49.99 Hz
Max O/D of the day	561 MW at 23.45-24.00 Hrs 50.01 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	2.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	85.30
ABOVE 50.05 HZ	12.10
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.	2-Aug-18	2-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	1274.44	1296.93	NIL	1532
R.P.Sagar (Ft.)	1157.5	1128	1142.59	1144.49	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	972.90	971.70	NIL	278
Kota Barrage(Ft.)	854.5	852.3	851.60	850.00		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1569.21	1618.98	20041	35502
Dehar (Ft.)	2941	2900	2921.39	2920.40	8372	15917
Pong(Ft.)	1421	1260	1311.54	1340.02	8011	15966
Mahi-I (Mts.)	281.5	259	279.90	277.60	NIL	2085
Mahi-II (Mts.)	220.5	217	217.15	218.70	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
2-Aug-18	KTPS	158547	8 DAYS
	STPS	180400	7 DAYS
	CHHABRA	188738	24 DAYS
	KALISINDH	131148	9.5 DAYS

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

## (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 (S/D W.E.F.15.07.14)
DCPP	HRSG2*	55.00	50	12.0	50	13-Jul-16	16.35	BOXED UP(PERMISSION GIVEN BY R/UNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END)
DCPP	HRSG01	55.00	50	12.0	50	19-May-18	16.57	NON AVAILABILITY OF GAS(treated as boxed up w.z.L 13.40 hrs./28.05.18 as GTFI BOXED UP)
RAPPIA)	2	200.00	150	36.0	150	30-Jun-18	19.38	BIENNIAL SHUTDOWN
DCPP	GT01	110.00	100	24.0	100	01-Jul-18	13.29	BOXED UP
DCPP	GT02	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
BARSINGSAR	1	125.00	110	26.4	110	29-Jun-18	6.58	REFRACTORY FAILURE (ANNUAL SHUT DOWN)
STPS	6	250.00	229	55.0	229	17-Jul-18	12.35	BOXED UP
STPS	5	250.00	229	55.0	229	17-Jul-18	17.49	BOXED UP
STPS	1	250.00	229	55.0	229	19-Jul-18	12.55	BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1780.00	1542.00	370.20	1542.00			

## CENTRAL SECTOR

AURAIYA GPS	1	111.19	18	4.4	18	28-Jun-18	5.51	RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.4	18	16-May-18	23.33	RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.9	12	21-May-18	9.27	RESERVE SHUTDOWN FUEL SHORTAGE
SINGRAULI	7	500.00	85	20.5	85	20-Jun-18	22.50	DGA VIOLATION IN GT (ANNUAL MAINTENANCE OVERHAULING WORK)
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
DABRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28	RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05	RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1511.39	304.00	73.50	304.00			

## (B) FORCE OUTAGE

## STATE SECTOR

GIRAL	2	125.00	70	16.8	70	27-Jun-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31	DUE TO GENERATOR TRIP TRIP
KTPS	1	110.00	100	22.0	100	31-May-18	17.25	DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
RAJWEST	2	135.00	120	28.7	120	27-Jun-18	4.15	DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44	GENERATOR PROTECTION OPERATED
BARSINGSAR	2	125.00	110	26.4	110	28-Jul-18	1.31	BOILER REFRACTORY FAILURE
STPS	3	250.00	229	0.0	0	01-Aug-18	12.08	DUE TO CT FAILURE AT 220 KV RATANGARH-I CKT
STPS	4	250.00	229	0.0	0	01-Aug-18	12.08	DUE TO CT FAILURE AT 220 KV RATANGARH-II CKT
RAMGARH	GT01	35.50	29	7.0	29	02-Aug-18	1.01	SHORTAGE OF SUFFICIENT GAS
Total(B) STATE SECTOR-FORCED OUTAGE		1880.50	1680.50	302.48	1222.50			

## CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNISH PRESSURE HIGH
DABRI GPS	6	154.51	16	3.9	16	10-Jul-18	0.20	RESERVE SHUTDOWN
DABRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30	RESERVE SHUTDOWN
DABRI GPS	5	154.51	16	3.9	16	23-Jul-18	20.30	NON AVAILABILITY OF GAS
DABRI GPS	2	130.19	22	5.3	22	23-Jul-18	20.44	NON AVAILABILITY OF GAS
AURAIYA GPS	3	111.19	18	4.4	18	23-Jul-18	22.10	NON AVAILABILITY OF GAS
AURAIYA GPS	5	109.30	12	2.9	12	26-Jul-18	4.40	TRIPPED DUE TO DAMPER PROBLEM
ISTPP(HAJIAR)	1	500.00	5	1.2	5	27-Jul-18	0.01	RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1789.89	111.00	26.90	111.00			
G.TOTAL			329.38	1333.50				

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 (\$).