



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

Power Position 03-Aug-18	Point No.
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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	2273.66	1610.64	7.61	3.16	10784	7731	49.95	499.22
03-Aug-18	2446.76	1852.55								
04-Aug-18										
05-Aug-18										
06-Aug-18										
07-Aug-18										
08-Aug-18										
09-Aug-18										
10-Aug-18										
11-Aug-18										
12-Aug-18										
13-Aug-18										
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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	1852.55	2273.66	1610.64	13.43	12.04	10784.00	7731.00	49.99	499.22
MIN OF THE MONTH	2391.48	1764.56	2200.83	1534.97	7.61	3.16	10383.00	7350.00	49.95	482.36
AVERAGE	2440.66	1808.92	2237.25	1572.81	10.52	7.60	10583.50	7540.50	49.97	490.79

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
		2-Aug-18		
1	KTPS (1240/1240)	246.00	246.00	198.95
2	STPS (1500/1500)	110.00	100.00	78.04
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	34.00	28.34
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	216.53
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	418.00	424.00	307.05
11	WIND FARM (4137.20/4290.95)	462.50	487.00	499.22
12	SOLAR POWER(1656.70/2246.21)	85.35	71.44	82.95
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	-5.03	-6.59	-5.21
16	BIOMASS – (101.95/119.25)	4.00	3.00	4.40
17	BARSINGHAR LTPS(250/250)	20.00	26.00	14.72
18	RAJWEST (1080/1080)	201.00	201.00	164.12
	TOTAL (A) : 1-18	1739.82	1749.85	1589.10
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.62	27.04	26.87
b)	DEHAR (198/ 990)	27.72	27.95	28.34
c)	PONG (231.66/396)	16.48	17.87	17.38
	TOTAL : a TO c	68.81	72.86	72.59
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	63.52	64.75	57.08
e)	RIHAND (310.24/3000)	123.33	123.33	117.05
f)	UNCHAHAHAR-I(20/420)	4.97	5.08	1.95
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	5.23	12.51	3.78
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.37	13.07	3.05
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)	1.58	1.62	0.81
m)	NAPP (44/440)	8.82	0.00	5.16
n)	RAPP-B (125/440)	29.59	29.34	29.34
o)	RAPP-C (88/440)	18.77	18.77	18.77
p)	SALAL (20.36/690)	4.70	4.70	4.70
q)	URI (70.37/720)	16.18	16.18	16.18
r)	TANAKPUR (10.86/94)	2.31	0.00	0.77
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)	5.78	5.80	5.46
v)	DHAULIGANGA (27/280)	6.19	6.19	6.19
w)	DULHASTI (42.42/390)	9.73	9.74	9.74
x)	SEWA (13/120)	1.57	0.94	0.94
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.55	35.55	35.55
z)	TEHRI (75/1000)	10.05	12.84	12.84
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	26.53	29.24	30.47
ab)	TALA	3.47	3.47	3.41
ac)	MUNDRA UMPP (380/4000)	50.10	69.43	48.67
ad)	SASAN (372/3960)	70.00	69.62	69.55
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.72	19.58	15.00
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	634.80	655.53	599.97
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	634.80	655.53	599.97
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	111.51	116.28
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	5.03	6.59	5.21
25	INDIAN ENERGY EXCHANGE	-67.76	-63.11	-63.11
	TOTAL(B): (19 TO 25)	706.94	733.88	676.95
	TOTAL GENERATION (A +B) : 1 TO 25			2266.05
	OVER DRAWAL (+)/UNDER DRAWAL (-)			7.61
	GRAND TOTAL	2446.76	2483.74	2273.66
	LAST YEAR	1852.55	1764.56	1610.63

3. SYSTEM PARAMETERS AS ON 02-Aug-18

MAXIMUM DRAWL ON 02-Aug-18	10784 MW at 22.45-23.00 Hrs 49.93 HZ
MINIMUM DRAWL ON 02-Aug-18	8218 MW at 18.30-18.45 Hrs 49.88 HZ
Max U/D of the day	351 MW at 04.30-04.45Hrs 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	17
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	10
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	59
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	16
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	4
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 2-Aug-18	49.95 Hz
Max O/D of the day	650 MW at 02.30-02.45 Hrs 49.93 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.50
LESS THAN 49.90 HZ	22.00
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.70
ABOVE 50.05 HZ	4.80
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	3-Aug-18	3-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	1274.44	1296.93	NIL	467
R.P.Sagar (Ft.)	1157.5	1128	1142.50	1144.49	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	973.20	971.70	NIL	301
Kota Barrage(Ft.)	854.5	852.3	851.60	850.00		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1570.64	1618.98	20000	34838
Dehar (Ft.)	2941	2900	2922.57	2920.40	8567	15029
Pong(Ft.)	1421	1260	1311.94	1340.02	7306	14224
Mahi-I (Mts.)	281.5	259	273.90	277.60	NIL	NIL
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
3-Aug-18	KTPS	149586	7.5 DAYS
	STPS	197673	8 DAYS
	CHHABRA	193647	25.5 DAYS
	KALISINDH	129886	9 DAYS

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

3-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 (S/D W.E.F.15.07.14)
DCPP	HRSg2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP (PP PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEMS IN DCPP END)
DCPP	HRSg1	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 GFI BOXED UP
RAPPA	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	02-Aug-18	23.19	BOXED UP
CHHABRA	2	250.00	225	54.0	225	10-Jul-18	4.53			ANNUAL SHUTDOWN
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		1655.00	1432.00	343.80	1432.00					

CENTRAL SECTOR

AURAYA GPS	1	111.19	18	4.4	18	28-Jun-18	5.51			RESERVE SHUTDOWN
AURAYA GPS	4	111.19	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURAYA 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

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	23.0	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	24-Aug-18		GENERATOR PROTECTION OPERATED
BARINGSAR	2	125.00	110	26.4	110	28-Jul-18	1.31			BOILER REFRACTORY FAILURE
STPS	4	250.00	229	0.0	0	01-Aug-18	12.08	02-Aug-18	3.45	DUE TO CT FAILURE AT 220 KV RATANGARH-I CKT
RAMGARH	GT01	35.50	29	7.0	29	02-Aug-18	1.01			SHORTAGE OF SUFFICIENT GAS
KALISINDH	1	600.00	565	0.0	0	02-Aug-18	15.54	02-Aug-18	20.37	DUE TO API ROTOR STOPPED
RAMGARH	GT02	35.50	29	0.0	0	02-Aug-18	17.35	02-Aug-18	23.19	SHORTAGE OF SUFFICIENT GAS
RAMGARH	STG01	37.50	10	0.5	0	02-Aug-18	17.35	03-Aug-18	4.14	SHORTAGE OF SUFFICIENT GAS
Total(B) STATE SECTOR-FORCED OUTAGE		2303.50	2055.50	293.01	1222.50					

CENTRAL SECTOR

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
AURAYA GPS	3	111.19	18	4.4	18	23-Jul-18	22.10			NON AVAILABILITY OF GAS
AURAYA GPS	5	109.30	12	2.9	12	26-Jul-18	4.40			TRIPPED DUE TO DAMPER PROBLEM
ISTPP(JHAJHA)	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				319.91	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 (S).