



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

Power Position 14-Aug-18	Point No.
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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	2384.80	1871.70	44.88	25.60	11033	8858	49.98	360.35
14-Aug-18	2425.36	1979.86								
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	2558.26	2033.92	2386.60	2028.58	44.88	59.34	11354.00	8991.00	50.01	515.49
MIN OF THE MONTH	2206.15	1744.96	2125.53	1534.97	-6.83	-2.69	10153.00	7350.00	49.95	71.09
AVERAGE	2409.98	1897.36	2298.92	1790.92	17.55	16.84	10760.15	8389.38	49.97	358.11

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
		13-Aug-18		
1	KTPS (1240/1240)	236.00	199.00	175.46
2	STPS (1500/1500)	273.00	273.00	235.18
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	33.00	33.00	30.27
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)	285.00	285.00	256.18
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	285.00	379.00	357.61
11	WIND FARM (4137.20/4290.95)	196.00	321.50	360.35
12	SOLAR POWER(1656.70/2246.21)	87.33	126.13	92.19
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	14.65	17.80	17.01
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.69
17	BARSINGHAR LTPS(250/250)	25.00	27.00	25.89
18	RAJWEST (1080/1080)	201.00	201.00	197.56
	TOTAL (A) : 1-18	1640.98	1865.43	1752.39
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	19.54	22.18	20.39
b)	DEHAR (198/ 990)	12.48	28.16	14.43
c)	PONG (231.66/396)	1.08	1.71	1.17
	TOTAL : a TO c	33.10	52.05	35.99
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	66.09	93.06	82.99
e)	RIHAND (310.24/3000)	123.02	123.02	123.02
f)	UNCHAHAHAR-I(20/420)	6.92	5.56	10.74
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	25.56	20.24	26.08
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	19.16	15.26	22.98
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)	2.03	2.03	2.03
m)	NAPP (44/440)	8.82	7.31	7.31
n)	RAPP-B (125/440)	29.19	29.19	29.19
o)	RAPP-C (88/440)	18.68	18.68	18.68
p)	SALAL (20.36/690)	4.70	3.49	2.80
q)	URI (70.37/720)	16.01	15.95	15.82
r)	TANAKPUR (10.86/94)	2.41	2.41	1.69
s)	CHAMERA –I (105.84/540)	24.20	24.20	24.20
t)	CHAMERA-II (29.01/300)	6.64	6.64	6.64
u)	CHAMERA-III (25.21/231)	5.76	5.76	5.76
v)	DHAULIGANGA (27/280)	4.02	1.72	1.72
w)	DULHASTI (42.42/390)	6.47	6.47	7.95
x)	SEWA (13/120)	2.98	1.31	2.61
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	30.06	35.46	32.27
z)	TEHRI (75/1000)	15.15	15.15	15.15
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	30.93	30.76	37.34
ab)	TALA	3.61	3.56	3.56
ac)	MUNDRA UMPP (380/4000)	69.88	69.88	69.88
ad)	SASAN (372/3960)	80.31	68.89	68.89
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.94	29.18	29.18
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	665.64	687.26	684.50
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	665.64	687.26	684.50
21	BILATERAL (REG.) EXCL. BANKING	26.09	26.09	22.08
22	BANKING	-16.78	-16.78	-16.78
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	138.66	55.67	80.57
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-14.65	-17.80	-17.01
25	INDIAN ENERGY EXCHANGE	-14.58	-148.82	-148.82
	TOTAL(B): (19 TO 25)	784.39	610.52	587.53
	TOTAL GENERATION (A +B) : 1 TO 25			2339.92
	OVER DRAWAL (+)/UNDER DRAWAL (-)			44.88
	GRAND TOTAL	2425.36	2475.95	2384.80
	LAST YEAR	1979.86	2018.63	1871.69

3. SYSTEM PARAMETERS AS ON 13-Aug-18

MAXIMUM DRAWL ON 13-Aug-18	11033 MW at 09.30-09.45 Hrs 50.07 HZ
MINIMUM DRAWL ON 13-Aug-18	8669 MW at 18.30-18.45 Hrs 49.96 HZ
Max U/D of the day	361 MW at 17.15-17.30 Hrs 50.04 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	13
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	13
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	30
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	21
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	41
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	11
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
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 13-Aug-18	49.98 Hz
Max O/D of the day	627 MW at 20.15-20.30 Hrs 49.91 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.00
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.00
ABOVE 50.05 HZ	13.00
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	37
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.	14-Aug-18	14-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	1274.85	1297.22	NIL	467
R.P.Sagar (Ft.)	1157.5	1128	1142.90	1145.58	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.60	972.10	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	850.40	850.00		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1609.74	1657.23	11842	131488
Dehar (Ft.)	2941	2900	2880.31	2920.27	2711	51864
Pong(Ft.)	1421	1260	1348.48	1376.80	510	21904
Mahi-I (Mts.)	281.5	259	274.30	278.70	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.00	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
14-Aug-18	KTPS	116813	6 DAYS
	STPS	198145	8 DAYS
	CHHABRA	253566	33.5 DAYS
	KALISINDH	142618	10 DAYS

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

14-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	IHRSG2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEMS DCCPP END)
DCCPP	IHRSG1	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 GTU 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

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
DADRI GPS	6	154.51	16	3.9	16	10-Jul-18	0.20			RESERVE SHUTDOWN
DADRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28			RESERVE SHUTDOWN
DADRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30			RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05			RESERVE SHUTDOWN
DADRI GPS	5	154.51	16	3.9	16	23-Jul-18	20.30			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.3	22	23-Jul-18	20.44			RESERVE SHUTDOWN
ISTPP(JHAJHAR)	1	500.00	5	0.0	0	27-Jul-18	0.01	07-Aug-18	16.28	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
AURAIYA GPS	4	111.19	18	4.4	18	12-Aug-18	8.06			RESERVE SHUTDOWN
Total(B)-CENTRAL SECTOR-PLANNED OUTAGE			2191.98	318.00	75.80	313.00				

(B) FORCE OUTAGE

STATE SECTOR

GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4
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
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44	24-Aug-18		GENERATOR PROTECTION OPERATED
BARSINGAR	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	6.36	0	12-Aug-18	13.13	14-Aug-18	3.19	DESYNCHRONIZED DUE TO BOILER TUBE LEAKAGE
ADANI	2	660.00	600	138.30	600	14-Aug-18	0.57			LOW BUNKER LEVELS
Total(B) STATE SECTOR-FORCED OUTAGE			2250.50	2015.00	437.13	1823.00				

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
UNCHAHAR	5	210.00	27	0.00	0	02-Aug-18	7.58	05-Aug-18	11.00	BOILER TUBE LEAKAGE
SINGRAULI	6	500.00	85	20.50	85	13-Aug-18	14.49			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE			1210.00	112.00	20.50	85.00				
G.TOTAL				457.63	1908.00					

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 (\$).