



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

Power Position 24-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	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								
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	2295.29	2420.40	2222.22	82.63	69.41	11354.00	10293.00	50.02	515.49
MIN OF THE MONTH	2206.15	1744.96	2109.11	1534.97	-6.83	-2.69	9521.00	7350.00	49.95	60.23
AVERAGE	2397.66	2028.53	2282.58	1930.90	18.24	22.40	10558.22	9020.87	49.98	286.05

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
		23-Aug-18		
1	KTPS (1240/1240)	200.00	200.00	160.47
2	STPS (1500/1500)	220.00	273.00	189.48
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	25.00	31.00	28.54
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	2.04
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	229.00	229.00	187.63
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	282.00	282.00	213.64
11	WIND FARM (4137.20/4290.95)	341.00	260.00	412.53
12	SOLAR POWER(1656.70/2246.21)	111.69	95.23	105.64
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	20.28
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	4.00	3.00	4.39
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.16
18	RAJWEST (1080/1080)	229.00	201.00	161.98
	TOTAL (A) : 1-18	1667.69	1600.23	1512.79
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	25.18	26.30	25.76
b)	DEHAR (198/ 990)	27.41	28.43	27.66
c)	PONG (231.66/396)	11.78	11.84	8.60
	TOTAL : a TO c	64.36	66.57	62.02
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	92.68	92.41	51.18
e)	RIHAND (310.24/3000)	122.92	116.00	78.90
f)	UNCHAHAHAR-I(20/420)	2.01	3.45	1.71
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	14.89	23.24	12.66
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.17	11.16	6.85
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)	0.00	1.60	1.15
m)	NAPP (44/440)	8.74	8.65	7.00
n)	RAPP-B (125/440)	28.99	28.99	28.99
o)	RAPP-C (88/440)	18.48	18.48	18.48
p)	SALAL (20.36/690)	4.69	4.69	4.69
q)	URI (70.37/720)	15.95	16.06	14.67
r)	TANAKPUR (10.86/94)	1.60	1.61	1.60
s)	CHAMERA –I (105.84/540)	24.17	24.17	24.17
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)	4.57	6.17	5.91
w)	DULHASTI (42.42/390)	9.56	9.56	8.75
x)	SEWA (13/120)	1.83	2.98	2.09
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	15.32	35.42	26.70
z)	TEHRI (75/1000)	15.64	15.64	15.72
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	29.80	30.30	32.91
ab)	TALA	3.50	3.50	3.50
ac)	MUNDRA UMPP (380/4000)	69.75	69.75	32.51
ad)	SASAN (372/3960)	82.99	82.99	63.20
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	18.78	28.34	7.55
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	674.79	714.13	525.32
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	674.79	714.13	525.32
21	BILATERAL (REG.) EXCL. BANKING	13.99	23.98	15.37
22	BANKING	-7.57	-7.57	-7.57
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	81.80	35.79	117.02
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-23.18
25	INDIAN ENERGY EXCHANGE	-124.35	-23.91	-23.91
	TOTAL(B): (19 TO 25)	638.65	742.42	603.04
	TOTAL GENERATION (A +B) : 1 TO 25			2115.83
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-6.72
	GRAND TOTAL	2306.34	2342.65	2109.11
	LAST YEAR	2287.71	2268.31	2142.44

3. SYSTEM PARAMETERS AS ON 23-Aug-18

MAXIMUM DRAWL ON 23-Aug-18	9521 MW at 22.30-22.45 Hrs 49.93 HZ
MINIMUM DRAWL ON 23-Aug-18	7696 MW at 04.00-04.15 Hrs 49.94 HZ
Max U/D of the day	615 MW at 19.15-19.30 Hrs 49.89 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	64
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
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 23-Aug-18	49.97 Hz
Max O/D of the day	574 MW at 16.45-17.00 Hrs 49.92 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	NA
LESS THAN 49.90 HZ	NA
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	NA
ABOVE 50.05 HZ	NA
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.	24-Aug-18	23-Aug-18		
Gandhi Sagar (Ft.)	1312	1250	1281.20	1297.34	NIL	NA
R.P.Sagar (Ft.)	1157.5	1128	1145.95	1145.47	NIL	2726
Jawahar Sagar (Ft.)	980	970.4	974.00	972.70	3820	1850
Kota Barrage(Ft.)	854.5	852.3	853.50	850.10		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1630.32	1664.62	16354	51007
Dehar (Ft.)	2941	2900	2920.99	2929.39	8357	21531
Pong(Ft.)	1421	1260	1363.52	1378.90	4509	81228
Mahi-I (Mts.)	281.5	259	276.46	280.05	NIL	NA
Mahi-II (Mts.)	220.5	217	217.35	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
24-Aug-18	KTPS	127999	6.5 days
	STPS	162224	6.5 days
	CHHABRA	136160	18 days
	KALISINDH	147735	10.5 days

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

24-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	HRSG2*	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	HRSG01	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
CHHABRA	2	250.00	225	54.0	225	10-Jul-18	4.53			ANNUAL SHUTDOWN
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
Total(A)-STATE SECTOR-PLANNED OUTAGE		1405.00	1203.00	288.80	1203.00					

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
DADBRI GPS	6	154.51	16	3.9	16	10-Jul-18	0.20			RESERVE SHUTDOWN
DADBRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28			RESERVE SHUTDOWN
DADBRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30			RESERVE SHUTDOWN
DADBRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05			RESERVE SHUTDOWN
DADBRI GPS	5	154.51	16	3.9	16	23-Jul-18	20.30			RESERVE SHUTDOWN
DADBRI GPS	2	130.19	22	0.0	0	23-Jul-18	20.44	23-Aug-18	21.14	RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.4	18	10-Aug-18	6.08			RESERVE SHUTDOWN
AURAIYA GPS	5	109.20	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(A)-CENTRAL SECTOR-PLANNED OUTAGE		1691.98	313.00	70.50	291.00					

(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
BARSINGAR	2	125.00	110	26.4	110	28-Jul-18	1.31			BOILER REFRACTORY FAILURE
RAMGARH	GT#1	35.50	29	1.9	0	02-Aug-18	1.01	24-Aug-18	6.27	SHORTAGE OF SUFFICIENT GAS
ADANI	2	660.00	600	144.0	600	14-Aug-18	0.57			LOW BUNKER LEVELS (COAL SHORTAGES)
RAJWEST	1	135.00	120	0.0	0	16-Aug-18	23.06	23-Aug-18	2.38	MANUAL FUEL TRIP
KTPS	3	210.00	192	46.0	192	20-Aug-18	23.59			TO ATTEND AXEL SHAFT & CONDENSER CLEANING
RAMGARH	STG#2	50.00	40	0.0	0	22-Aug-18	18.21	23-Aug-18	5.15	LOW EXHAUST TEMP. ON GAS TURBINE
CSPPP	5	660.00	600	0.0	0	23-Aug-18	5.10	23-Aug-18	7.31	METAL TEMP. HIGH
CSPPP	5	660.00	600	0.0	0	23-Aug-18	20.23	23-Aug-18	23.08	MAIN STEAM TEMP. HIGH
RAMGARH	STG#2	50.00	40	8.3	40	24-Aug-18	3.16			LOW EXHAUST TEMP. ON GAS TURBINE
Total(B) STATE SECTOR-FORCED OUTAGE		3420.50	3066.00	401.97	1677.00					

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
UNCHAHAR	2	210.00	24	5.70	24	19-Aug-18	2.09			FUEL SHORTAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		710.00	24.00	5.70	24.00					
G.TOTAL				407.67	1701.00					

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 (\$).