



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

Power Position 28-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	2121.23	2069.44	2.52	18.79	9833	9174	49.98	472.27
25-Aug-18	2427.98	2291.13	2168.09	1910.49	10.42	16.72	9918	8995	50.01	444.20
26-Aug-18	2509.83	2123.70	2077.88	1890.77	11.23	25.58	9725	8773	50.01	290.14
27-Aug-18	2406.89	2097.07	2147.99	1886.62	23.32	6.64	9941	9385	49.99	96.86
28-Aug-18	2343.11	2158.99								
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	2401.13	2048.42	2259.80	1932.15	17.30	21.59	10453.93	9029.89	49.98	291.95

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
		27-Aug-18		
1	KTPS (1240/1240)	200.00	200.00	160.48
2	STPS (1500/1500)	220.00	220.00	168.94
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	26.00	34.00	28.23
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	0.09
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	250.00	294.00	263.77
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	404.00	377.00	318.20
11	WIND FARM (4137.20/4290.95)	78.50	102.75	96.86
12	SOLAR POWER(1656.70/2246.21)	112.79	123.38	116.12
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	20.07
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	5.00	3.11
17	BARSINGHAR LTPS(250/250)	52.00	52.00	52.68
18	RAJWEST (1080/1080)	201.00	229.00	165.24
	TOTAL (A) : 1-18	1547.29	1637.13	1393.79
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.45	24.84	26.00
b)	DEHAR (198/ 990)	27.54	27.32	27.14
c)	PONG (231.66/396)	20.02	17.27	20.21
	TOTAL : a TO c	75.01	69.43	73.35
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	92.64	84.02	86.75
e)	RIHAND (310.24/3000)	123.22	121.40	121.40
f)	UNCHAHAHAR-I(20/420)	2.90	2.68	2.31
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	21.06	19.21	13.23
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.52	14.60	9.42
j)	DADRI GAS (77/830)	2.55	2.21	4.48
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.71	8.76	8.76
n)	RAPP-B (125/440)	29.30	29.30	29.30
o)	RAPP-C (88/440)	18.61	18.61	18.61
p)	SALAL (20.36/690)	4.70	4.70	4.67
q)	URI (70.37/720)	12.38	12.84	10.79
r)	TANAKPUR (10.86/94)	2.31	2.38	2.37
s)	CHAMERA –I (105.84/540)	24.23	24.23	24.23
t)	CHAMERA-II (29.01/300)	6.65	6.65	6.18
u)	CHAMERA-III (25.21/231)	5.77	5.25	4.55
v)	DHAULIGANGA (27/280)	6.19	6.19	6.19
w)	DULHASTI (42.42/390)	9.58	9.58	9.60
x)	SEWA (13/120)	1.36	1.57	1.57
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.51	35.51	35.30
z)	TEHRI (75/1000)	17.13	18.44	18.44
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	31.01	31.66	33.47
ab)	TALA	3.56	3.56	3.42
ac)	MUNDRA UMPP (380/4000)	69.95	58.66	58.72
ad)	SASAN (372/3960)	83.23	83.23	83.51
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.33	18.58	12.35
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	729.42	693.28	682.98
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	729.42	693.28	682.98
21	BILATERAL (REG.) EXCL. BANKING	26.12	26.12	26.12
22	BANKING	-7.56	-7.56	-7.56
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	53.89	80.89	80.89
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-28.58
25	INDIAN ENERGY EXCHANGE	-6.05	-22.97	-22.97
	TOTAL(B): (19 TO 25)	795.83	769.76	730.88
	TOTAL GENERATION (A +B) : 1 TO 25			2124.67
	OVER DRAWAL (+)/UNDER DRAWAL (-)			23.32
	GRAND TOTAL	2343.11	2406.89	2147.99
	LAST YEAR	2158.99	2097.07	1886.63

3. SYSTEM PARAMETERS AS ON 27-Aug-18

MAXIMUM DRAWL ON 27-Aug-18	9941 MW at 23.15-23.30 Hrs 50.01 HZ
MINIMUM DRAWL ON 27-Aug-18	7848 MW at 04.00-04.15 Hrs 49.99 HZ
Max U/D of the day	398 MW at 19.00-19.15 Hrs 49.95 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	3
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	50
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	3
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	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
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 27-Aug-18	49.99 Hz
Max O/D of the day	619 MW at 23.15-23.30 Hrs 50.01 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	6.20
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	86.30
ABOVE 50.05 HZ	7.50
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.	28-Aug-18	28-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	1281.65	1297.98	NIL	1289
R.P.Sagar (Ft.)	1157.5	1128	1146.25	1145.57	NIL	5034
Jawahar Sagar (Ft.)	980	970.4	974.30	973.10	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	850.20	852.40		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1636.81	1668.58	17069	35443
Dehar (Ft.)	2941	2900	2921.25	2929.19	8440	18337
Pong(Ft.)	1421	1260	1369.84	1380.69	7500	24840
Mahi-I (Mts.)	281.5	259	277.00	281.25	NIL	NA
Mahi-II (Mts.)	220.5	217	217.40	219.20	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
28-Aug-18	KTPS	160274	8 DAYS
	STPS	145744	6 DAYS
	CHHABRA	135671	18 DAYS
	KALISINDH	150218	10.5 DAYS

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

28-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(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
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		1155.00	978.00	234.80	978.00					

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	27-Aug-18	18.02	RESERVE SHUTDOWN
DADRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28	27-Aug-18	4.04	RESERVE SHUTDOWN
DADRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30	27-Aug-18	17.17	RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05	27-Aug-18	17.07	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
AURAIYA GPS	6	109.30	12	2.9	12	24-Aug-18	15.52			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	24-Aug-18	16.00			RESERVE SHUTDOWN
DADRI GPS	3	130.19	22	5.3	22	27-Aug-18	21.07			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DADRI GAS
DADRI GPS	6	154.51	14	3.3	14	27-Aug-18	21.09			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DADRI GAS
DADRI GPS	4	130.19	22	5.3	22	27-Aug-18	21.16			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DADRI GAS
DADRI GPS	2	130.19	22	5.3	22	27-Aug-18	21.21			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DADRI GAS
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		964.41	209.00	50.50	209.00					

(B) FORCE OUTAGE

STATE SECTOR											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			DATE	TIME				REASON OF OUTAGE
GIRAL	2	125.00	70	16.8	70	27-Jan-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 TRF TRIP
KTPS	1	110.00	100	23.0	100	31-May-18	17.25				DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
KTPS	3	210.00	192	46.0	192	20-Aug-18	23.59				TO ATTEND AXEL SHAFT & CONDENSER CLEANING
RAMGARHI	STG#1	37.50	10	3.0	10	25-Aug-18	15.23				LOW VACCUUM
RAJWEST	3	135.00	120	28.7	120	27-Aug-18	11.23				BED MATERIAL LEAKAGE
RAMGARHI	GT#2	37.50	29	7.0	29	27-Aug-18	18.00				DUE TO unavailability of sufficient gas
CHHIBRA	2	250.00	225	42.8	178	28-Aug-18	5.00				DUE TO LEAKAGE IN MAIN STEAM DRAIN LINE
Total(B)-STATE SECTOR-FORCED OUTAGE		1505.00	1311.00	302.83	1264.12						

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
JHAJJAR	2	500.00	5	1.20	5	26-Aug-18	23.11				FUEL SHORTAGE COAL SHORTAGE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		1210.00	29.00	6.90	29.00						
G.TOTAL				309.73	1293.12						

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 (\$).