



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

Power Position 21-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								
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	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	2125.53	1534.97	-6.83	-2.69	10002.00	7350.00	49.95	60.23
AVERAGE	2408.73	1993.70	2300.64	1893.35	20.90	21.37	10682.05	8876.80	49.98	281.03

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
		20-Aug-18		
1	KTPS (1240/1240)	200.00	246.00	199.37
2	STPS (1500/1500)	273.00	273.00	217.66
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	32.00	32.00	28.59
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	4.29
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	229.00	230.00	198.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	282.00	282.00	222.91
11	WIND FARM (4137.20/4290.95)	197.00	177.00	248.75
12	SOLAR POWER(1656.70/2246.21)	101.75	100.65	101.90
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	18.52
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	4.00	3.00	4.48
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.33
18	RAJWEST (1080/1080)	172.00	201.00	156.53
	TOTAL (A) : 1-18	1516.75	1570.65	1428.07
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.25	27.30	27.17
b)	DEHAR (198/ 990)	28.06	28.35	27.65
c)	PONG (231.66/396)	19.06	18.97	15.31
	TOTAL : a TO c	74.36	74.62	70.13
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	92.68	90.68	75.84
e)	RIHAND (310.24/3000)	122.92	122.92	113.64
f)	UNCHAHAHAR-I(20/420)	3.45	3.10	2.04
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	25.54	22.58	12.69
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.39	12.11	10.92
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	1.97	1.80
m)	NAPP (44/440)	8.65	8.58	8.58
n)	RAPP-B (125/440)	29.07	28.99	28.99
o)	RAPP-C (88/440)	18.66	18.66	18.66
p)	SALAL (20.36/690)	4.69	4.64	4.64
q)	URI (70.37/720)	16.06	16.06	15.89
r)	TANAKPUR (10.86/94)	2.40	2.41	2.23
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)	5.78	5.78	5.78
v)	DHAULIGANGA (27/280)	6.21	6.17	6.17
w)	DULHASTI (42.42/390)	9.57	8.61	8.46
x)	SEWA (13/120)	1.41	1.83	1.57
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.42	35.42	35.42
z)	TEHRI (75/1000)	15.72	15.64	13.14
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	30.79	30.65	31.82
ab)	TALA	3.50	3.48	3.33
ac)	MUNDRA UMPP (380/4000)	69.75	66.49	47.95
ad)	SASAN (372/3960)	68.30	82.99	76.75
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.71	28.62	13.55
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	721.88	723.79	640.78
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	721.88	723.79	640.78
21	BILATERAL (REG.) EXCL. BANKING	26.06	26.06	26.06
22	BANKING	-7.57	-16.83	-16.83
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	70.86	93.20	94.82
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-27.06
25	INDIAN ENERGY EXCHANGE	-11.90	92.76	92.76
	TOTAL(B): (19 TO 25)	799.33	918.98	810.53
	TOTAL GENERATION (A +B) : 1 TO 25			2238.60
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.65
	GRAND TOTAL	2316.07	2489.63	2251.25
	LAST YEAR	2204.33	2295.29	2084.72

3. SYSTEM PARAMETERS AS ON 20-Aug-18

MAXIMUM DRAWL ON 20-Aug-18	10144 MW at 22.45-23.00 Hrs 50.01 HZ
MINIMUM DRAWL ON 20-Aug-18	8074 MW at 18.15-18.30 Hrs 49.97 HZ
Max U/D of the day	514 MW at 08.00-08.15 Hrs 50.07 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	26
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	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	21
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	10
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY	20-Aug-18 50.01 Hz
Max O/D of the day	482 MW at 22.00-22.15 Hrs 50.06 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	2.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.50
ABOVE 50.05 HZ	19.70
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.	21-Aug-18	21-Aug-17		
Gandhi Sagar (Ft.)	1312	1250	1275.39	1297.31	NIL	1066
R.P.Sagar (Ft.)	1157.5	1128	1144.06	1145.50	NIL	10068
Jawahar Sagar (Ft.)	980	970.4	972.50	972.70	7438	NIL
Kota Barrage(Ft.)	854.5	852.3	850.50	850.10		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	NA	1662.26	NA	NA
Dehar (Ft.)	2941	2900	NA	2927.09	NA	NA
Pong(Ft.)	1421	1260	NA	1378.79	NA	NA
Mahi-I (Mts.)	281.5	259	274.60	278.85	NIL	2190
Mahi-II (Mts.)	220.5	217	217.00	218.90	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
21-Aug-18	KTPS	112344	5.5 days
	STPS	179546	7 days
	CHHABRA	132288	17.5 days
	KALISINDH	141208	10 days

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

21-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(reated as boxed up w.e.f. 13.40 hrs/28.05.18 as GT) 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
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(A)-CENTRAL SECTOR-PLANNED OUTAGE			1691.98	313.00	75.80	313.00			

(B) FORCED OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF 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-I	
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31		DUE TO GENERATOR 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	
BARINGSAR	2	125.00	110	26.4	110	28-Jul-18	1.31	20-Aug-18	BOILER REFRACTORY FAILURE	
RAMGARH	GT#1	35.50	29	7.0	29	02-Aug-18	1.01		SHORTAGE OF SUFFICIENT GAS	
ADANI	2	660.00	600	144.0	600	14-Aug-18	0.57		LOW BUNKER LEVELS	
RAJWEST	1	135.00	120	28.7	120	16-Aug-18	23.06		MANUAL FUEL TRIP	
CHHABRA	1	250.00	225	0.0	0	18-Aug-18	7.13	20-Aug-18	4.45	MT DUE TO MANUAL TUBE LEAKAGE
RAJWEST	4	135.00	120	28.7	120	20-Aug-18	19.35		BED MATERIAL LEAKAGE	
KTPS	3	210.00	192	46.0	192	20-Aug-18	23.59		TO ATTEND AXEL SHAFT & CONDENSER CLEANING	
Total(B)-STATE SECTOR-FORCED OUTAGE			2635.50	2360.00	511.16	2135.00				
CENTRAL SECTOR										
UNCHIAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH	
SINGROULI	6	500.00	85	0.00	0	18-Aug-18	23.39	19-Aug-18	19.32	BOILER TUBE LEAKAGE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			1000.00	85.00	0.00	0.00				
G.TOTAL			511.16	2135.00						

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 (\$).