



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

Power Position 18-Jul-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	2018	2018
01-Jul-18	2023.96	1572.69	1686.45	1429.11	19.60	26.54	8169	6871	49.99	301.63
02-Jul-18	1989.50	1733.97	1889.40	1387.56	45.32	20.29	8916	6861	50.00	500.38
03-Jul-18	2044.42	1527.20	2087.29	1422.68	49.37	-9.04	9356	6862	50.01	517.21
04-Jul-18	2323.23	1688.36	2105.51	1480.05	23.77	-0.57	9895	7462	50.01	460.28
05-Jul-18	2256.27	1686.14	2151.11	1642.02	28.91	25.78	9977	8338	49.96	201.42
06-Jul-18	2195.52	1862.49	2196.72	1774.40	29.18	25.26	10408	8894	49.94	151.06
07-Jul-18	2251.03	1773.03	2326.63	1856.60	12.62	30.41	10550	8727	49.96	243.96
08-Jul-18	2358.71	1763.64	2310.49	1889.41	10.75	26.78	10729	8568	49.98	346.76
09-Jul-18	2455.12	1835.33	2422.78	1939.92	14.10	18.23	11057	9218	49.98	344.69
10-Jul-18	2432.08	1938.11	2408.91	1979.04	18.44	13.12	10937	9795	49.93	341.08
11-Jul-18	2416.19	1975.94	2313.10	2057.75	-4.34	16.76	10493	9613	50.00	443.22
12-Jul-18	2389.65	1943.50	2198.12	2004.60	11.15	22.79	10184	9154	49.97	384.58
13-Jul-18	2291.58	1867.76	1989.75	1822.66	17.34	41.91	8926	8698	49.97	231.85
14-Jul-18	2117.48	1540.41	1979.92	1689.24	1.32	52.34	9056	8018	49.96	95.85
15-Jul-18	2052.15	1754.32	1863.72	1762.00	12.17	22.33	8456	7798	49.99	205.22
16-Jul-18	2090.06	1730.31	1908.45	1699.62	7.70	23.31	8608	8022	49.99	48.19
17-Jul-18	2071.72	1717.69	1869.32	1775.55	22.48	17.17	8770	8067	49.99	63.96
18-Jul-18	2127.08	1796.91								
19-Jul-18										
20-Jul-18										
21-Jul-18										
22-Jul-18										
23-Jul-18										
24-Jul-18										
25-Jul-18										
26-Jul-18										
27-Jul-18										
28-Jul-18										
29-Jul-18										
30-Jul-18										
31-Jul-18										
MAXIMUM OF THE MONTH	2455.12	1975.94	2422.78	2057.75	49.37	52.34	11057.00	9795.00	50.01	517.21
MIN OF THE MONTH	1989.50	1527.20	1686.45	1387.56	-4.34	-9.04	8169.00	6861.00	49.93	48.19
AVERAGE	2215.88	1761.54	2100.45	1741.89	18.82	21.97	9675.71	8292.12	49.98	287.14

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
		17-Jul-18		
1	KTPS (1240/1240)	200.00	199.00	157.07
2	STPS (1500/1500)	165.00	273.00	176.41
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	40.00	32.00	32.16
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	225.29
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	376.00	284.00	248.51
11	WIND FARM (4137.20/4290.95)	111.00	57.50	63.96
12	SOLAR POWER(1656.70/2246.21)	72.43	62.72	64.05
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	-8.30	13.58	11.70
16	BIOMASS – (101.95/119.25)	6.00	4.00	5.55
17	BARSINGHAR LTPS(250/250)	23.00	23.00	23.75
18	RAJWEST (1080/1080)	172.00	172.00	116.10
	TOTAL (A) : 1-18	1321.13	1284.80	1124.56
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.88	24.65	24.21
b)	DEHAR (198/ 990)	27.61	27.61	27.30
c)	PONG (231.66/396)	15.58	15.65	13.99
	TOTAL : a TO c	68.07	67.91	65.50
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.32	56.75	55.72
e)	RIHAND (310.24/3000)	123.19	123.33	116.22
f)	UNCHAHAHAR-I(20/420)	5.57	5.20	0.49
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	13.89	13.02	1.51
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.32	14.42	0.61
j)	DADRI GAS (77/830)	3.04	2.19	0.32
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)	8.63	8.77	8.77
n)	RAPP-B (125/440)	29.02	29.18	29.18
o)	RAPP-C (88/440)	18.78	18.69	18.69
p)	SALAL (20.36/690)	4.70	4.70	4.70
q)	URI (70.37/720)	16.18	16.18	16.17
r)	TANAKPUR (10.86/94)	2.17	2.29	1.91
s)	CHAMERA –I (105.84/540)	24.26	24.30	24.30
t)	CHAMERA-II (29.01/300)	6.66	6.66	6.66
u)	CHAMERA-III (25.21/231)	5.80	5.80	5.80
v)	DHAULIGANGA (27/280)	4.19	6.19	1.81
w)	DULHASTI (42.42/390)	9.09	9.09	9.09
x)	SEWA (13/120)	1.05	0.94	0.94
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.56	35.56	35.56
z)	TEHRI (75/1000)	5.09	4.77	6.00
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	27.19	27.12	29.13
ab)	TALA	3.62	3.56	3.56
ac)	MUNDRA UMPP (380/4000)	69.58	63.36	48.37
ad)	SASAN (372/3960)	69.74	69.74	69.74
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.24	19.66	12.14
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	655.93	639.40	572.89
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	655.93	639.40	572.89
21	BILATERAL (REG.) EXCL. BANKING	26.16	26.16	26.16
22	BANKING	-9.07	-9.07	-9.07
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	137.36	86.62	90.89
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-8.30	-13.58	-11.70
25	INDIAN ENERGY EXCHANGE	-12.72	53.12	53.12
	TOTAL(B): (19 TO 25)	789.35	786.92	722.29
	TOTAL GENERATION (A +B) : 1 TO 25			1846.85
	OVER DRAWAL (+)/UNDER DRAWAL (-)			22.48
	GRAND TOTAL	2110.47	2071.72	1869.33
	LAST YEAR	1796.91	1717.69	1775.55

3. SYSTEM PARAMETERS AS ON 17-Jul-18

MAXIMUM DRAWL ON 17-Jul-18	8770 MW at 22.15-22.30 Hrs 49.95 HZ
MINIMUM DRAWL ON 17-Jul-18	6975 MW at 04.00-04.15 Hrs 50.05 HZ
Max U/D of the day	409 MW at 00.15-00.30 Hrs 50.02 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	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	54
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	15
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	30
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	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	9
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 17-Jul-18	49.99 HZ
Max O/D of the day	574 MW at 02.45-3.00 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.20
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	82.40
ABOVE 50.05 HZ	12.40
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.	18-Jul-18	17-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	1272.79	1293.18	NIL	11882
R.P.Sagar (Ft.)	1157.5	1128	1139.32	1142.34	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	973.40	972.30	NA	NIL
Kota Barrage(Ft.)	854.5	852.3	850.50	850.50		
RMC					NIL	
LMC					20	
Bhakra(Ft.)	1690	1462	1519.39	1596.60	19628	32930
Dehar (Ft.)	2941	2900	2925.59	2921.52	8389	18287
Pong(Ft.)	1421	1260	1287.59	1320.31	8509	30092
Mahi-I (Mts.)	281.5	259	271.85	271.00	NIL	2507
Mahi-II (Mts.)	220.5	217	217.00	217.95	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
18-Jul-18	KTPS	133251	6.5 days
	STPS	58797	2.5 days
	CHHABRA	127124	17 days
	KALISINDH	69549	5 days

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

18-Jul-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 RVNLI ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG#1	55.00	50	12.0	50	19-May-18	16.87		NON AVAILABILITY OF GAS(treated as boxed up w.c.f. 12.40 hrs./28.05.18 as GT#1 BOXED UP)
RAPP(A)	2	200.00	150	36.0	150	30-Jun-18	19.38		BIENNIALSHUTDOWN
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
BARSINGAR	1	125.00	110	26.4	110	29-Jun-18	6.58		REFRACTORY FAILURE
Total(A)STATE SECTOR-PLANNED OUTAGE		1030.00	855.00	205.20	855.00				
CENTRAL SECTOR									
AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-18	5.51		RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.4	18	16-May-18	23.33		RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	16-May-18	23.51		RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.9	12	21-May-18	9.27		RESERVE SHUTDOWN FUEL SHORTAGE
AURAIYA GPS	2	111.19	18	4.4	18	21-May-18	9.32		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
DADBRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28		RESERVE SHUTDOWN
DADBRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05		RESERVE SHUTDOWN
Total(B)CENTRAL SECTOR-PLANNED OUTAGE		1733.77	340.00	82.30	340.00				

(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-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	
RAJWEST	2	135.00	120	28.7	120	27-Jun-18	4.15		DUE TO HEAVY BED MATERIAL LEAKAGE	
RAMGARH	GT#1	35.50	29	7.0	29	01-Jul-18	6.24		DUE SHORTAGE OF SUFFICIENT GAS	
ADANI	2	660.00	600	0.0	0	03-Jul-18	23.58	17-Jul-18	13.30	CRITICAL COAL STOCK AT PLANT
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44	24-Aug-18		GENERATOR PROTECTION OPERATED
KTPS	5	210.00	192	46.0	192	13-Jul-18	14.42		DUE TO BOILER TUBE LEAKAGE	
RAJWEST	5	135.00	120	28.7	120	15-Jul-18	22.33		BED MATERIAL LEAKAGE	
RAMGARH	STG#2	50.00	40	0.0	0	17-Jul-18	4.31	17-Jul-18	7.00	COOLING WATER PUMP TRIP
KALISINDH	1	600.00	565	135.6	565	18-Jul-18	2.00		M/T DUE TO PROBLEM IN APH	
Total(B)STATE SECTOR-FORCED OUTAGE		2910.50	2629.00	476.36	1989.00					

CENTRAL SECTOR

CENTRAL SECTOR									
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH
AURAIYA GPS	5	109.30	12	2.9	12	06-May-18	3.23		RESERVE SHUTDOWN
DADBRI GPS	6	154.51	16	5.3	16	10-Jul-18	0.20		RESERVE SHUTDOWN
DADBRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30		RESERVE SHUTDOWN
ISTPP(CHAHAR)	1	500.00	5	1.2	5	14-Jul-18	7.41		BOILER TUBE LEAKAGE
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1394.00	55.00	14.70	55.00				
G.TOTAL				491.06	2044.00				

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 (\$).