



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

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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	1869.62	1723.41	-5.83	-6.65	8377	8227	49.95	31.20
19-Jul-18	1996.23	1741.66	1731.90	1756.14	5.84	-2.50	7862	7783	49.94	91.61
20-Jul-18	1843.29	1807.35								
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	1843.29	1527.20	1686.45	1387.56	-5.83	-9.04	7862.00	6861.00	49.93	31.20
AVERAGE	2186.26	1762.84	2068.90	1741.67	16.84	19.17	9511.89	8261.89	49.97	263.38

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
		19-Jul-18		
1	KTPS (1240/1240)	200.00	200.00	161.37
2	STPS (1500/1500)	55.00	165.00	89.16
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	35.00	26.00	28.72
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	4.74
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	222.52
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	389.00	390.00	306.46
11	WIND FARM (4137.20/4290.95)	92.00	74.50	91.61
12	SOLAR POWER(1656.70/2246.21)	62.87	64.05	74.12
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	15.88	11.46	9.40
16	BIOMASS – (101.95/119.25)	4.00	4.00	3.59
17	BARSINGHAR LTPS(250/250)	23.00	23.00	19.08
18	RAJWEST (1080/1080)	143.00	143.00	92.12
	TOTAL (A) : 1-18	1183.75	1265.00	1102.88
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.90	25.08	24.52
b)	DEHAR (198/ 990)	10.76	27.61	27.21
c)	PONG (231.66/396)	17.41	17.61	18.70
	TOTAL : a TO c	53.07	70.31	70.42
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.56	62.66	42.48
e)	RIHAND (310.24/3000)	123.33	123.33	116.78
f)	UNCHAHAHAR-I(20/420)	4.61	4.11	0.67
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	11.83	10.69	1.76
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	1.28	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.00	11.35	0.88
j)	DADRI GAS (77/830)	7.54	1.68	0.54
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	8.63	8.63
n)	RAPP-B (125/440)	29.18	28.85	28.85
o)	RAPP-C (88/440)	18.78	18.78	18.78
p)	SALAL (20.36/690)	4.70	4.70	4.65
q)	URI (70.37/720)	16.17	16.17	16.12
r)	TANAKPUR (10.86/94)	2.34	2.30	2.28
s)	CHAMERA –I (105.84/540)	42.44	24.26	24.26
t)	CHAMERA-II (29.01/300)	24.26	6.66	6.66
u)	CHAMERA-III (25.21/231)	6.66	5.78	5.78
v)	DHAULIGANGA (27/280)	27.61	6.19	6.23
w)	DULHASTI (42.42/390)	6.19	2.27	1.61
x)	SEWA (13/120)	1.31	1.31	1.31
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.56	35.56	35.56
z)	TEHRI (75/1000)	5.25	5.21	5.06
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	40.61	27.62	29.54
ab)	TALA	3.54	3.62	3.30
ac)	MUNDRA UMPP (380/4000)	2.55	47.90	25.20
ad)	SASAN (372/3960)	69.74	69.74	69.74
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	9.13	22.28	7.99
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	620.89	621.96	535.08
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	620.89	621.96	535.08
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)	137.54	121.95	94.36
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-15.88	-11.46	-9.40
25	INDIAN ENERGY EXCHANGE	-100.10	-20.82	-20.82
	TOTAL(B): (19 TO 25)	659.54	731.22	616.32
	TOTAL GENERATION (A +B) : 1 TO 25			1719.21
	OVER DRAWAL (+)/UNDER DRAWAL (-)			5.84
	GRAND TOTAL	1843.29	1996.22	1731.90
	LAST YEAR	1807.35	1741.66	1756.14

3. SYSTEM PARAMETERS AS ON 19-Jul-18

MAXIMUM DRAWL ON 19-Jul-18	7862 MW at 21.15-21.30 Hrs 49.95HZ
MINIMUM DRAWL ON 19-Jul-18	6256 MW at 18.00-18.15 Hrs 50.03 HZ
Max U/D of the day	637 MW at 22.45-23.00 Hrs 49.92 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	18
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	10
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	9
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	18
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	2
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cumecs)	Inflow (cumecs)
	Max.	Min.	20-Jul-18	20-Jul-17		
Gandhi Sagar (Ft.)	1312	1250	1273.23	1293.21	19-Jul-18	NIL
R.P.Sagar (Ft.)	1157.5	1128	1140.44	1142.35	NIL	4211
Jawahar Sagar (Ft.)	980	970.4	973.10	972.20	3554	NILL
Kota Barrage(Ft.)	854.5	852.3	851.70	850.90		
RMC					NIL	
LMC					20	
Bhakra(Ft.)	1690	1462	1523.98	1601.10	19960	36465
Dehar (Ft.)	2941	2900	2924.47	2921.52	8448	19589
Pong(Ft.)	1421	1260	1289.23	1327.19	9308	20945
Mahi-I (Mts.)	281.5	259	272.00	271.40	NIL	3818
Mahi-II (Mts.)	220.5	217	217.00	218.00	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
20-Jul-18	KTPS	128821	6.5 DAYS
	STPS	74477	3 DAYS
	CHHABRA	133017	17.5 DAYS
	KALISINDH	78789	5.5 DAYS

AVERAGE FREQ. FOR THE DAY	19-Jul-18	49.94 Hz
Max O/D of the day	690 MW at 01.15-01.30 Hrs 49.86 Hz	
Frequency Profile	% of Time	
LESS THAN 49.7 HZ	0.60	
LESS THAN 49.90 HZ	23.70	
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.80	
ABOVE 50.05 HZ	3.90	
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	

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

20-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 (S/D W.E.F.15.07.14)
DCPP	HRSG2*	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 DCPP END)
DCPP	HRSG1	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 GT1 BOXED UP)
RAPP(A)	2	200.00	150	36.0	150	30-Jun-18	19.38			BIENNIAL SHUTDOWN
DCPP	GT1	110.00	100	24.0	100	01-Jul-18	13.29			BOXED UP
DCPP	GT2	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
BARINGSAR	1	125.00	110	26.4	110	29-Jun-18	6.58			REFRACTORY FAILURE
STPS	6	250.00	229	55.0	229	17-Jul-18	12.35			BOXED UP
STPS	5	250.00	229	55.0	229	17-Jul-18	17.49			BOXED UP
STPS	1	250.00	229	55.0	229	19-Jul-18	12.55			BOXED UP
STPS	3	250.00	229	55.0	229	19-Jul-18	12.58			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE			2030.00	1771.00	425.20	1771.00				
CENTRAL SECTOR										
AURAIYA GPS	1	111.19	18	4.4	18	28-Jun-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
DABRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28			RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE (B) FORCE OUTAGE			1733.77	340.00	82.30	340.00				
STATE SECTOR										
GIRAL	2	125.00	70	16.8	70	27-Jun-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
RANGARIH	GT1	35.50	29	7.0	29	01-Jul-18	6.24			DUE SHORTAGE OF SUFFICIENT GAS
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
RANGARIH	STG2	50.00	40	0.0	0	18-Jul-18	10.45	19-Jul-18	8.00	NON AVAILABILITY OF GAS
RAJWEST	3	135.00	120	0.0	0	18-Jul-18	10.03	19-Jul-18	21.07	BED MATERIAL LEAKAGE
BARINGSAR	2	125.00	110	0.0	0	19-Jul-18	12.08	19-Jul-18	14.18	PRIMARY & SEC. FAN TRIPPED
Total(B) STATE SECTOR-FORCED OUTAGE			1910.50	1693.50	340.76	1424.00				
CENTRAL SECTOR										
UNCHABAR	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
DABRI GPS	6	154.51	16	5.3	16	10-Jul-18	0.20			RESERVE SHUTDOWN
DABRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30			RESERVE SHUTDOWN
ISTPP(BHABHAR)	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			355.46	1479.00						

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 (\$).