



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	1729.04	1725.97	4.60	-7.18	8056	8098	49.99	160.06
21-Jul-18	1943.59	1983.70	1711.10	1706.54	9.33	5.29	8224	8070	50.00	253.99
22-Jul-18	1942.52	1902.40	1536.83	1616.82	-3.12	8.08	7338	7729	50.01	320.75
23-Jul-18	1783.23	1742.40	1657.32	1438.61	16.80	8.01	7733	7131	49.97	208.51
24-Jul-18	1795.40	1759.99								
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	1983.70	2422.78	2057.75	49.37	52.34	11057.00	9795.00	50.01	517.21
MIN OF THE MONTH	1783.23	1527.20	1536.83	1387.56	-5.83	-9.04	7338.00	6861.00	49.93	31.20
AVERAGE	2132.92	1776.89	1997.54	1720.86	15.11	16.45	9220.74	8174.09	49.98	258.59

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-Jul-18		
1	KTPS (1240/1240)	23.00	23.00	19.12
2	STPS (1500/1500)	55.00	55.00	44.04
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	31.73
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	4.40
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	202.00
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	388.00	362.00	303.14
11	WIND FARM (4137.20/4290.95)	180.00	233.00	208.51
12	SOLAR POWER(1656.70/2246.21)	44.85	70.65	46.00
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	4.97	3.06	2.07
16	BIOMASS – (101.95/119.25)	2.00	4.00	1.95
17	BARSINGHAR LTPS(250/250)	23.00	23.00	22.81
18	RAJWEST (1080/1080)	201.00	201.00	154.43
	TOTAL (A) : 1-18	1123.82	1176.71	1040.19
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	25.78	25.12	25.09
b)	DEHAR (198/ 990)	27.41	27.13	27.36
c)	PONG (231.66/396)	18.97	18.94	19.82
	TOTAL : a TO c	72.16	71.19	72.27
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.62	62.86	60.92
e)	RIHAND (310.24/3000)	123.25	123.23	123.25
f)	UNCHAHAHAR-I(20/420)	4.10	5.06	4.48
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	10.23	12.49	11.02
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.03	14.93	13.69
j)	DADRI GAS (77/830)	0.00	2.52	2.14
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.08	0.00	0.23
m)	NAPP (44/440)	8.63	8.63	8.63
n)	RAPP-B (125/440)	29.08	29.08	29.08
o)	RAPP-C (88/440)	19.22	19.22	19.22
p)	SALAL (20.36/690)	4.70	4.70	4.67
q)	URI (70.37/720)	16.07	15.82	16.07
r)	TANAKPUR (10.86/94)	2.28	2.17	0.74
s)	CHAMERA –I (105.84/540)	24.24	24.24	24.24
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)	6.19	6.23	6.19
w)	DULHASTI (42.42/390)	8.95	8.95	7.26
x)	SEWA (13/120)	2.09	0.94	0.94
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.53	35.53	35.53
z)	TEHRI (75/1000)	3.61	3.61	3.61
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	25.53	26.91	29.16
ab)	TALA	3.54	3.54	3.54
ac)	MUNDRA UMPP (380/4000)	52.00	34.89	38.42
ad)	SASAN (372/3960)	69.64	69.64	69.64
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	14.26	19.08	14.99
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	623.47	617.92	612.37
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	623.47	617.92	612.37
21	BILATERAL (REG.) EXCL. BANKING	26.14	26.14	26.14
22	BANKING	-9.07	-9.07	-9.07
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	73.51	70.62	71.88
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-4.97	-3.06	-2.07
25	INDIAN ENERGY EXCHANGE	-37.49	-98.91	-98.91
	TOTAL(B): (19 TO 25)	671.59	606.52	600.33
	TOTAL GENERATION (A +B) : 1 TO 25			1640.52
	OVER DRAWAL (+)/UNDER DRAWAL (-)			16.80
	GRAND TOTAL	1795.40	1783.23	1657.32
	LAST YEAR	1759.99	1742.40	1438.62

3. SYSTEM PARAMETERS AS ON 23-Jul-18

MAXIMUM DRAWL ON 23-Jul-18	7733 MW at 22.15-22.30 Hrs 49.91 HZ
MINIMUM DRAWL ON 23-Jul-18	6180 MW at 04:30-04.45 Hrs 49.96 HZ
Max U/D of the day	332 MW at 16.45-17.00 Hrs 50.00 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	6
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	56
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	16
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	26
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	7
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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 23-Jul-18	49.97 HZ
Max O/D of the day	436 MW at 16.00-16.15 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	46.40
ABOVE 50.05 HZ	40.80
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	24-Jul-18	24-Jul-17		
Gandhi Sagar (Ft.)	1312	1250	1273.87	NA	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1142.48	1143.16	NIL	10176
Jawahar Sagar (Ft.)	980	970.4	973.30	971.40	3881	2071
Kota Barrage(Ft.)	854.5	852.3	850.40	851.60		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1532.72	1607.82	20041	36182
Dehar (Ft.)	2941	2900	2919.35	2921.58	8268	19891
Pong(Ft.)	1421	1260	1293.42	1331.29	10008	26732
Mahi-I (Mts.)	281.5	259	273.00	272.65	NIL	3779
Mahi-II (Mts.)	220.5	217	217.20	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
24-Jul-18	KTPS	165724	8 DAYS
	STPS	101934	4 DAYS
	CHHABRA	148709	19.5 DAYS
	KALISINDH	93156	6.5 DAYS

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

24-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)
DCCPP	HRS02*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY R/UNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRS01	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 GTFI BOXED UP)
RAPPIA)	2	200.00	150	36.0	150	30-Jun-18	19.38			BIENNIAL SHUTDOWN
DCCPP	GT01	110.00	100	24.0	100	01-Jul-18	13.29			BOXED UP
DCCPP	GT02	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 (ANNUAL SHUT DOWN)
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
KTPS	5	210.00	192	46.0	192	13-Jul-18	14.42			Ready for light up permission pending at R/UNL end from 15.30 hrs dt.19.07.18
KTPS	7	195.00	175	42.0	175	21-Jul-18	14.27			BOXED UP
KTPS	3	210.00	192	46.0	192	22-Jul-18	7.33			BOXED UP
KTPS	4	210.00	192	46.0	192	22-Jul-18	9.23			BOXED UP
KTPS	6	195.00	175	42.0	175	22-Jul-18	14.11			BOXED UP
Total(A)STATE SECTOR-PLANNED OUTAGE		2925.00	2627.00	630.40	2627.00					

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	0.0	0	16-May-18	23.51	23-Jul-18	18.38	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
ISTPP(JHAJHAR)	1	500.00	5	0.0	0	21-Jul-18	16.27	23-Jul-18	22.54	RESERVE SHUTDOWN
Total(B)CENTRAL SECTOR-PLANNED OUTAGE		2233.77	345.00	77.90	322.00					

(B) FORCED OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.8	70	27-Jun-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLARI
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31			DUE TO GENERATOR TRIP 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	GT01	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
KALISINDH	1	600.00	565	0.0	0	22-Jul-18	22.39	23-Jul-18	3.42	DRUM WATER LEVEL LOW
Total(B)STATE SECTOR-FORCED OUTAGE		1855.50	1677.50	266.08	1112.50					

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(JHAJHAR)	3	500.00	5	1.2	5	22-Jul-18	19.30			LESS DEMAND
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1394.00	55.00	14.70	55.00					
G.TOTAL				280.78	1167.50					

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 (S).