



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

Power Position 31-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	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	1707.65	1456.86	17.52	23.28	7836	6877	49.99	206.24
25-Jul-18	1961.78	1479.76	1748.60	1482.05	-8.45	13.07	8040	7646	50.00	497.11
26-Jul-18	1917.54	1622.88	1713.41	1593.42	0.73	35.52	8009	7516	50.00	514.97
27-Jul-18	1967.98	1681.81	1774.58	1724.53	30.14	17.38	8151	8504	49.97	299.22
28-Jul-18	1936.93	1768.37	1851.34	1732.51	5.49	-1.54	8627	8471	49.97	361.69
29-Jul-18	2000.92	1606.24	1923.46	1585.59	10.03	4.39	8834	7468	49.98	343.10
30-Jul-18	2044.84	1561.72	2050.55	1495.34	22.65	11.17	9522.00	7039	49.97	285.18
31-Jul-18	2251.74	1684.22								
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	-8.45	-9.04	7338.00	6861.00	49.93	31.20
AVERAGE	2102.59	1751.87	1953.88	1694.99	13.90	16.23	9019.79	8085.72	49.98	281.72

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
		30-Jul-18		
1	KTPS (1240/1240)	218.00	88.00	99.66
2	STPS (1500/1500)	55.00	55.00	45.04
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	36.00	31.27
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	197.54
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	412.00	411.00	349.91
11	WIND FARM (4137.20/4290.95)	328.00	269.50	285.18
12	SOLAR POWER(1656.70/2246.21)	71.19	70.83	83.34
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	-9.11	-21.36	-20.80
16	BIOMASS – (101.95/119.25)	3.00	2.00	2.96
17	BARSINGHAR LTPS(250/250)	0.00	0.00	0.00
18	RAJWEST (1080/1080)	201.00	201.00	188.48
	TOTAL (A) : 1-18	1477.08	1275.97	1262.58
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.39	26.03	25.72
b)	DEHAR (198/ 990)	28.03	27.87	28.63
c)	PONG (231.66/396)	22.05	21.13	21.52
	TOTAL : a TO c	76.48	75.03	75.87
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	62.96	63.41	63.58
e)	RIHAND (310.24/3000)	123.33	123.33	133.23
f)	UNCHAHAHAR-I(20/420)	5.18	5.72	3.67
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	12.25	14.64	9.41
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.03	16.52	9.68
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)	1.28	1.69	1.52
m)	NAPP (44/440)	8.70	8.84	8.84
n)	RAPP-B (125/440)	29.34	29.34	29.34
o)	RAPP-C (88/440)	18.77	18.77	18.77
p)	SALAL (20.36/690)	4.70	4.70	4.70
q)	URI (70.37/720)	16.18	16.17	16.17
r)	TANAKPUR (10.86/94)	0.00	0.00	0.00
s)	CHAMERA –I (105.84/540)	24.26	24.26	24.26
t)	CHAMERA-II (29.01/300)	6.66	6.66	6.66
u)	CHAMERA-III (25.21/231)	5.78	5.78	5.78
v)	DHAULIGANGA (27/280)	6.23	4.64	4.23
w)	DULHASTI (42.42/390)	6.48	6.48	6.48
x)	SEWA (13/120)	1.26	1.89	1.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.55	35.55	35.55
z)	TEHRI (75/1000)	15.91	14.43	13.88
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	31.16	30.99	32.94
ab)	TALA	3.55	3.55	3.55
ac)	MUNDRA UMPP (380/4000)	59.75	48.62	48.85
ad)	SASAN (372/3960)	69.62	69.62	69.62
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.87	24.50	24.28
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	662.30	655.12	652.12
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	662.30	655.12	652.12
21	BILATERAL (REG.) EXCL. BANKING	26.15	26.14	26.14
22	BANKING	-9.07	-9.07	-9.07
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	96.64	77.97	82.43
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	9.11	21.36	20.80
25	INDIAN ENERGY EXCHANGE	-10.48	-7.11	-7.11
	TOTAL(B): (19 TO 25)	774.66	768.87	765.32
	TOTAL GENERATION (A +B) : 1 TO 25			2027.90
	OVER DRAWAL (+)/UNDER DRAWAL (-)			22.65
	GRAND TOTAL	2251.74	2044.84	2050.55
	LAST YEAR	1684.22	1561.72	1495.34

3. SYSTEM PARAMETERS AS ON 30-Jul-18

MAXIMUM DRAWL ON 30-Jul-18	9522 MW at 23.15-23.30 Hrs 50.01 HZ
MINIMUM DRAWL ON 30-Jul-18	7377 MW at 04.00-04.15 Hrs 50.01 HZ
Max U/D of the day	375 MW at 23.15-23.30 Hrs 50.01 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	8
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	57
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	2
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	28
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	1
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	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	2
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 30-Jul-18	49.97 Hz
Max O/D of the day	552 MW at 02.45-03.00 Hrs 49.99 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.20
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	81.30
ABOVE 50.05 HZ	6.50
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.	31-Jul-18	31-Jul-17		
Gandhi Sagar (Ft.)	1312	1250	1274.39	1296.85	NIL	1532
R.P.Sagar (Ft.)	1157.5	1128	1142.60	1144.45	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	973.60	973.20	NIL	417
Kota Barrage(Ft.)	854.5	852.3	850.10	850.20		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1566.06	1618.98	19918	48037
Dehar (Ft.)	2941	2900	2920.53	2920.40	8543	18270
Pong(Ft.)	1421	1260	1310.68	1340.02	10004	19170
Mahi-I (Mts.)	281.5	259	273.80	277.60	NIL	NA
Mahi-II (Mts.)	220.5	217	217.15	218.70	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
31-Jul-18	KTPS	175388	9 days
	STPS	150200	6 days
	CHHABRA	179531	24 days
	KALISINDH	125072	9 days

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

31-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	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 DCCPP END)
DCCPP	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 GTFI BOXED UP)
RAPPIA)	2	200.00	150	36.0	150	30-Jun-18	19.38			BIENNIAL SHUTDOWN
DCCPP	GT1	110.00	100	24.0	100	01-Jul-18	13.29			BOXED UP
DCCPP	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
BARSINGSAR	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	3	210.00	192	4.0	0	22-Jul-18	7.33	31-Jul-18	1.58	BOXED UP
KTPS	6	195.00	175	0.0	0	22-Jul-18	14.11	30-Jul-18	16.59	BOXED UP
KTPS	4	210.00	192	0.0	0	25-Jul-18	12.15	30-Jul-18	6.57	BOXED UP
KTPS	2	110.00	100	23.0	100	26-Jul-18	13.04			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE			2755.00	2430.00	452.20	1871.00				
CENTRAL SECTOR										
AURAYIA GFS	1	111.19	18	4.4	18	28-Jun-18	5.51			RESERVE SHUTDOWN
AURAYIA GFS	4	111.19	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURAYIA GFS	6	109.30	12	2.9	12	21-May-18	9.27			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 GFS	2	88.71	31	7.5	31	27-Jun-18	10.24			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.5	31	07-Jul-18	12.10			RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.2	34	07-Jul-18	12.16			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.5	31	07-Jul-18	12.46			RESERVE SHUTDOWN
DABRI GFS	3	130.19	22	5.3	22	10-Jul-18	0.28			RESERVE SHUTDOWN
DABRI GFS	1	130.19	22	5.3	22	14-Jul-18	11.05			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			1511.39	304.00	73.50	304.00				
(B) FORCE OUTAGE										
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	17.21			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
RAFWEST	2	135.00	120	28.7	120	27-Jun-18	4.15			DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44	24-Aug-18		GENERATOR PROTECTION OPERATED
BARSINGSAR	2	125.00	110	26.4	110	28-Jul-18	1.31			BOILER REFRACTORY FAILURE
KTPS	6	195.00	175	0.0	0	30-Jul-18	20.24	30-Jul-18	22.16	TURBINE PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE			1540.00	1368.50	285.48	1193.50				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
DABRI GFS	6	154.51	16	3.9	16	10-Jul-18	0.20			RESERVE SHUTDOWN
DABRI GFS	4	130.19	22	5.3	22	10-Jul-18	0.30			RESERVE SHUTDOWN
DABRI GFS	5	154.51	16	3.9	16	23-Jul-18	20.30			NON AVAILABILITY OF GAS
DABRI GFS	2	130.19	22	5.3	22	23-Jul-18	20.44			NON AVAILABILITY OF GAS
AURAYIA GFS	3	111.19	18	4.4	18	23-Jul-18	22.10			NON AVAILABILITY OF GAS
AURAYIA GFS	5	109.30	12	2.9	12	26-Jul-18	4.40			TRIPPED DUE TO DAMPER PROBLEM
ISTPP(HAJAJAR)	1	500.00	5	1.2	5	27-Jul-18	0.01			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- FORCED OUTAGE			1789.89	111.00	26.90	111.00				
G.TOTAL			312.38	1304.50						

(B) FORCE OUTAGE

STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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	17.21			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
RAFWEST	2	135.00	120	28.7	120	27-Jun-18	4.15			DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44	24-Aug-18		GENERATOR PROTECTION OPERATED
BARSINGSAR	2	125.00	110	26.4	110	28-Jul-18	1.31			BOILER REFRACTORY FAILURE
KTPS	6	195.00	175	0.0	0	30-Jul-18	20.24	30-Jul-18	22.16	TURBINE PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE			1540.00	1368.50	285.48	1193.50				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
DABRI GFS	6	154.51	16	3.9	16	10-Jul-18	0.20			RESERVE SHUTDOWN
DABRI GFS	4	130.19	22	5.3	22	10-Jul-18	0.30			RESERVE SHUTDOWN
DABRI GFS	5	154.51	16	3.9	16	23-Jul-18	20.30			NON AVAILABILITY OF GAS
DABRI GFS	2	130.19	22	5.3	22	23-Jul-18	20.44			NON AVAILABILITY OF GAS
AURAYIA GFS	3	111.19	18	4.4	18	23-Jul-18	22.10			NON AVAILABILITY OF GAS
AURAYIA GFS	5	109.30	12	2.9	12	26-Jul-18	4.40			TRIPPED DUE TO DAMPER PROBLEM
ISTPP(HAJAJAR)	1	500.00	5	1.2	5	27-Jul-18	0.01			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- FORCED OUTAGE			1789.89	111.00	26.90	111.00				
G.TOTAL			312.38	1304.50						

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 (\$).