



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

Power Position 13-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		
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								
14-Jul-18										
15-Jul-18										
16-Jul-18										
17-Jul-18										
18-Jul-18										
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	30.41	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	151.06
AVERAGE	2263.64	1782.17	2174.71	1738.60	21.57	18.03	10055.92	8363.58	49.98	353.02

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
		12-Jul-18		
1	KTPS (1240/1240)	246.00	246.00	202.43
2	STPS (1500/1500)	273.00	273.00	213.61
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	39.00	26.20
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	7.93
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	231.58
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	268.00	222.59
11	WIND FARM (4137.20/4290.95)	270.00	434.00	384.58
12	SOLAR POWER(1656.70/2246.21)	96.31	78.09	87.33
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	18.16	16.40	16.73
16	BIOMASS – (101.95/119.25)	2.00	2.00	1.53
17	BARSINGHAR LTPS(250/250)	23.00	23.00	21.63
18	RAJWEST (1080/1080)	172.00	172.00	138.53
	TOTAL (A) : 1-18	1586.47	1715.49	1554.67
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.64	23.83	23.93
b)	DEHAR (198/ 990)	27.50	27.65	27.32
c)	PONG (231.66/396)	16.09	17.08	15.96
	TOTAL : a TO c	67.23	68.57	67.21
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	62.90	63.43	63.39
e)	RIHAND (310.24/3000)	111.98	115.72	115.07
f)	UNCHAHAHAR-I(20/420)	4.04	4.06	1.36
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	10.13	10.27	3.22
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.28	11.20	4.18
j)	DADRI GAS (77/830)	1.80	1.79	0.09
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)	8.61	8.59	8.59
n)	RAPP-B (125/440)	28.86	28.86	28.86
o)	RAPP-C (88/440)	18.54	18.54	18.54
p)	SALAL (20.36/690)	4.67	4.67	4.62
q)	URI (70.37/720)	16.07	16.09	16.09
r)	TANAKPUR (10.86/94)	2.13	1.53	0.49
s)	CHAMERA –I (105.84/540)	15.42	17.01	15.55
t)	CHAMERA-II (29.01/300)	6.61	6.61	6.62
u)	CHAMERA-III (25.21/231)	5.75	5.75	5.75
v)	DHAULIGANGA (27/280)	6.16	6.18	6.18
w)	DULHASTI (42.42/390)	9.04	9.04	9.11
x)	SEWA (13/120)	1.30	1.30	1.30
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.36	35.36	35.36
z)	TEHRI (75/1000)	3.81	4.12	4.23
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	24.36	24.14	24.88
ab)	TALA	3.56	3.57	3.57
ac)	MUNDRA UMPP (380/4000)	39.56	61.16	46.57
ad)	SASAN (372/3960)	66.88	69.42	69.42
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	16.80	17.50	12.73
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	582.87	614.51	572.98
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	582.87	614.51	572.98
21	BILATERAL (REG.) EXCL. BANKING	26.01	26.01	26.01
22	BANKING	-9.09	-9.09	-9.09
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	162.67	85.44	90.48
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-18.16	-16.40	-16.73
25	INDIAN ENERGY EXCHANGE	-39.20	-31.35	-31.35
	TOTAL(B): (19 TO 25)	705.11	674.16	632.30
	TOTAL GENERATION (A +B) : 1 TO 25			2186.97
	OVER DRAWAL (+)/UNDER DRAWAL (-)			11.15
	GRAND TOTAL	2291.58	2389.66	2198.12
	LAST YEAR	1867.76	1943.50	2004.60

3. SYSTEM PARAMETERS AS ON 12-Jul-18

MAXIMUM DRAWL ON 12-Jul-18	10184 MW at 14.45-15.00 Hrs 50.04 HZ
MINIMUM DRAWL ON 12-Jul-18	7866 MW at 18.45-19.00 Hrs 49.93 HZ
Max U/D of the day	528 MW at 20.15-20.30 Hrs 49.93 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	22
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	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	7
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 12-Jul-18	49.97 Hz
Max O/D of the day	707 MW at 03.45-04.00 Hrs 49.98 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	8.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.60
ABOVE 50.05 HZ	7.60
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.	13-Jul-18	13-Jul-17		
Gandhi Sagar (Ft.)	1312	1250	1270.34	1293.05	NIL	NA
R.P.Sagar (Ft.)	1157.5	1128	1138.88	1140.50	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	973.40	972.10	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.30	850.00		
RMC					NIL	
LMC					20	
Bhakra(Ft.)	1690	1462	1506.77	1586.89	19878	34313
Dehar (Ft.)	2941	2900	2930.51	2920.80	8488	13418
Pong(Ft.)	1421	1260	1282.18	1311.11	9001	11283
Mahi-I (Mts.)	281.5	259	271.05	269.45	NIL	NA
Mahi-II (Mts.)	220.5	217	217.00	217.65	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
13-Jul-18	KTPS	133724	6.5 days
	STPS	85005	3.5 days
	CHHABRA	132938	17.5 days
	KALISINDH	61199	4.5 days

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

13-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 RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG#1	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#1 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	43.0	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	194.21	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
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
Total(A)CENTRAL SECTOR- PLANNED OUTAGE		1103.58	233.00	56.50	233.00					

(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-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
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
RAMGARHI	GT#1	35.50	29	7.0	29	01-Jul-18	6.24			DUE SHORTAGE OF SUFFICIENT GAS
ADANI	2	660.00	600	148.0	600	03-Jul-18	23.58			CRITICAL COAL STOCK AT PLANT
RAJWEST	8	135.00	120	28.7	120	08-Jul-18	22.37			BED MATERIAL LEAKAGE
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44			GENERATOR PROTECTION OPERATED
RAMGARHI	GT#2	110.00	29	0.0	0	12-Jul-18	3.23	12-Jul-18	5.29	DUE TO GRID FAILURE
RAMGARHI	GT#3	110.00	100	0.0	0	12-Jul-18	3.23	12-Jul-18	5.42	DUE TO GRID FAILURE
RAMGARHI	STG#1	50.00	10	0.0	10	12-Jul-18	3.23	12-Jul-18	7.16	DUE TO GRID FAILURE
RAMGARHI	STG#2	50.00	40	0.0	40	12-Jul-18	3.23	12-Jul-18	18.20	DUE TO GRID FAILURE
Total(B)STATE SECTOR-FORCED OUTAGE		2370.50	2011.00	442.76	1882.00					
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
SINGRAULI	7	500.00	85	20.5	85	20-Jun-18	22.50			DGA VIOLATION IN GT
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
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1394.00	135.00	34.00	135.00					
G.TOTAL				476.76	2017.00					

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 (\$).