



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

Power Position 05-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								
06-Jul-18										
07-Jul-18										
08-Jul-18										
09-Jul-18										
10-Jul-18										
11-Jul-18										
12-Jul-18										
13-Jul-18										
14-Jul-18										
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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	2323.23	1733.97	2105.51	1480.05	49.37	26.54	9895.00	7462.00	50.01	517.21
MIN OF THE MONTH	1989.50	1527.20	1686.45	1387.56	19.60	-9.04	8169.00	6861.00	49.99	301.63
AVERAGE	2127.48	1641.67	1942.16	1429.85	34.52	9.31	9084.00	7014.00	50.00	444.88

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
		4-Jul-18		
1	KTPS (1240/1240)	199.00	199.00	159.78
2	STPS (1500/1500)	267.00	110.00	90.91
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	40.00	40.00	32.77
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)	218.00	216.00	188.58
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	279.00	267.00	211.26
11	WIND FARM (4137.20/4290.95)	230.00	496.00	460.28
12	SOLAR POWER(1656.70/2246.21)	72.48	80.53	67.01
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	7.69	11.32	10.45
16	BIOMASS – (101.95/119.25)	3.00	3.00	3.37
17	BARSINGHAR LTPS(250/250)	23.00	20.00	23.20
18	RAJWEST (1080/1080)	172.00	172.00	126.86
	TOTAL (A) : 1-18	1511.17	1614.85	1374.47
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	25.94	27.45	26.84
b)	DEHAR (198/ 990)	27.56	27.02	27.17
c)	PONG (231.66/396)	11.74	15.35	13.49
	TOTAL : a TO c	65.24	69.82	67.50
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.71	64.71	75.09
e)	RIHAND (310.24/3000)	123.08	117.14	118.73
f)	UNCHAHAHAR-I(20/420)	5.62	5.38	3.20
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	14.52	13.56	8.38
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	7.64	6.76	2.20
j)	DADRI GAS (77/830)	5.79	6.73	5.93
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)	8.73	8.73	8.73
n)	RAPP-B (125/440)	28.96	29.04	29.04
o)	RAPP-C (88/440)	18.74	18.74	18.74
p)	SALAL (20.36/690)	4.69	4.69	4.69
q)	URI (70.37/720)	16.07	15.83	15.78
r)	TANAKPUR (10.86/94)	2.37	2.34	2.33
s)	CHAMERA –I (105.84/540)	24.25	23.96	23.96
t)	CHAMERA-II (29.01/300)	6.65	6.64	6.65
u)	CHAMERA-III (25.21/231)	5.77	5.77	5.77
v)	DHAULIGANGA (27/280)	5.80	6.21	5.96
w)	DULHASTI (42.42/390)	9.32	9.32	9.32
x)	SEWA (13/120)	2.09	2.09	1.88
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.48	35.48	35.48
z)	TEHRI (75/1000)	3.62	3.59	3.64
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	19.98	24.33	24.98
ab)	TALA	3.56	3.59	3.59
ac)	MUNDRA UMPP (380/4000)	68.45	58.73	51.26
ad)	SASAN (372/3960)	69.52	69.03	87.83
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.79	26.67	16.83
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	642.45	638.87	637.49
	LOSSES	0.00	-0.08	0.00
	NET SCHEDULED	642.45	638.79	637.49
21	BILATERAL (REG.) EXCL. BANKING	22.37	26.11	25.43
22	BANKING	-13.62	-13.62	-13.62
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	102.10	97.55	102.10
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-7.69	-11.32	-10.45
25	INDIAN ENERGY EXCHANGE	-0.51	-33.68	-33.68
	TOTAL(B): (19 TO 25)	745.10	708.38	707.27
	TOTAL GENERATION (A +B) : 1 TO 25			2081.74
	OVER DRAWAL (+)/UNDER DRAWAL (-)			23.77
	GRAND TOTAL	2256.27	2323.23	2105.51
	LAST YEAR	1686.14	1688.36	1480.05

3. SYSTEM PARAMETERS AS ON 04-Jul-18

MAXIMUM DRAWL ON 04-Jul-18	9895 MW at 22.45-23.00 Hrs 50.00 HZ
MINIMUM DRAWL ON 04-Jul-18	7580 MW at 19.00-19.15 Hrs 49.90 HZ
Max U/D of the day	383 MW at 11.45-12.00Hrs 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	13
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	38
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	20
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	10
No. of Blocks in which Freq. >= 50.10	3
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 4-Jul-18	50.01 Hz
Max O/D of the day	589 MW at 09.45-10.00 Hrs 50.05HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	7.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.20
ABOVE 50.05 HZ	21.40
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.	5-Jul-18	5-Jul-17		
Gandhi Sagar (Ft.)	1312	1250	1269.19	1293.64	NIL	418
R.P.Sagar (Ft.)	1157.5	1128	1138.23	1139.42	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.10	972.40	NIL	196
Kota Barrage(Ft.)	854.5	852.3	850.10	850.00		
RMC					NIL	
LMC					20	
Bhakra(Ft.)	1690	1462	1499.38	1574.05	24517	33057
Dehar (Ft.)	2941	2900	2925.00	2924.14	8458	12155
Pong(Ft.)	1421	1260	1285.62	1302.28	6501	13004
Mahi-I (Mts.)	281.5	259	270.45	269.45	NIL	NIL
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
5-Jul-18	KTPS	134193	6.5 days
	STPS	135226	5.5 DAYS
	CHHABRA	110527	14.5 DAYS
	KALISINDH	81694	5.5 DAYS

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

(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 R/VNL ON DATE 17.08.17 BUT PROBLEM IN DCCP 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 GTI BOXED UP)
STPS	2	250.00	229	55.0	229	26-Jun-18	13.08	BOXED UP
STPS	4	250.00	229	0.0	0	26-Jun-18	13.14	04-Jul-18 20.21 BOXED UP
STPS	6	250.00	229	0.0	0	27-Jun-18	10.06	04-Jul-18 19.55 BOXED UP
STPS	5	250.00	229	2.0	0	28-Jun-18	21.30	05-Jul-18 0.40 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
Total(A)STATE SECTOR-PLANNED OUTAGE		1655.00	1436.00	181.80	749.00			

CENTRAL SECTOR

AURAIYA GFS	1	111.19	18	4.4	18	28-Jun-18	5.51	RESERVE SHUTDOWN
AURAIYA GFS	4	111.19	18	4.4	18	16-May-18	23.33	RESERVE SHUTDOWN
AURAIYA GFS	3	111.19	18	4.4	18	16-May-18	23.51	RESERVE SHUTDOWN
AURAIYA GFS	6	109.30	12	2.9	12	21-May-18	9.27	RESERVE SHUTDOWN FUEL SHORTAGE
AURAIYA GFS	2	111.19	18	4.4	18	21-May-18	9.32	RESERVE SHUTDOWN FUEL SHORTAGE
DABRI GFS	3	130.19	22	5.3	22	27-Jun-18	10.20	RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.5	31	27-Jun-18	10.24	RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.5	31	27-Jun-18	10.54	RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.2	34	27-Jun-18	11.22	RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.5	31	27-Jun-18	11.45	RESERVE SHUTDOWN
DABRI GFS	5	154.51	16	3.9	16	05-Jun-18	11.35	RESERVE SHUTDOWN
DABRI GFS	2	130.19	22	5.3	22	09-Jun-18	1.45	RESERVE SHUTDOWN
Total(B)CENTRAL SECTOR-PLANNED OUTAGE		1388.28	271.00	65.70	271.00			

(B) FORCE 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 COOLAR-I
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
BARSINGSAR	1	125.00	110	26.4	110	29-Jun-18	6.58		REFRACTORY FAILURE
RAMGARH	GT1	35.50	29	7.0	29	01-Jul-18	6.24		DUE SHORTAGE OF SUFFICIENT GAS
KTPS	4	210.00	192	42.0	192	01-Jul-18	12.37		BOXED UP (APH-PROBLEM)
RAJWEST	6	135.00	120	28.7	120	03-Jul-18	21.33		BED MATERIAL LEAKAGE
ADANI	2	600.00	617	148.0	617	03-Jul-18	23.58		CRITICAL COAL STOCK AT PLANT
STPS	6	250.00	229	5.7	0	04-Jul-18	20.13	05-Jul-18 2.26	DUE TO RH PROTECTION
Total(B)STATE SECTOR-FORCED OUTAGE		2385.50	2151.00	461.89	1922.00				

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH
AURAIYA GFS	5	111.00	18	4.4	18	06-May-18	3.23		DRUM VIBRATION
SINGRAULI	7	500.00	85	28.5	85	20-Jun-18	22.50		DGA VIOLATION IN GT
DABRI GFS	2	130.19	22	5.3	22	18-Jun-18	6.00		S/D FOR FLAME TUBE INSPECTION
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1241.19	125.00	30.20	125.00				

G.TOTAL

492.09 2047.00

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 (\$).