



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

Power Position 04-Jul-18	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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								
05-Jul-18										
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										
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	2323.23	1733.97	2087.29	1429.11	49.37	26.54	9356.00	6871.00	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	2095.28	1630.56	1887.71	1413.12	38.10	12.60	8813.67	6864.67	50.00	439.74
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
		3-Jul-18		
1	KTPS (1240/1240)	199.00	157.00	153.01
2	STPS (1500/1500)	110.00	55.00	56.05
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	40.00	40.00	33.42
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)	216.00	218.00	201.69
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	267.00	308.00	287.00
11	WIND FARM (4137.20/4290.95)	496.00	528.00	517.21
12	SOLAR POWER(1656.70/2246.21)	80.53	59.30	72.48
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	11.32	19.35	20.25
16	BIOMASS – (101.95/119.25)	3.00	4.00	2.76
17	BARSINGHAR LTPS(250/250)	20.00	24.00	22.01
18	RAJWEST (1080/1080)	172.00	201.00	194.17
	TOTAL (A) : 1-18	1614.85	1613.65	1560.06
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.45	27.44	27.39
b)	DEHAR (198/ 990)	27.02	27.56	27.22
c)	PONG (231.66/396)	15.35	19.06	17.14
	TOTAL : a TO c	69.82	74.06	71.74
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.71	64.72	71.19
e)	RIHAND (310.24/3000)	117.14	115.38	135.37
f)	UNCHAHAHAR-I(20/420)	5.38	6.63	10.44
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	13.56	16.52	19.10
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	6.76	9.74	10.28
j)	DADRI GAS (77/830)	6.73	2.31	8.81
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	8.66	8.66
n)	RAPP-B (125/440)	29.04	29.04	29.04
o)	RAPP-C (88/440)	18.74	18.74	18.74
p)	SALAL (20.36/690)	4.69	4.69	4.66
q)	URI (70.37/720)	15.83	16.08	15.76
r)	TANAKPUR (10.86/94)	2.34	1.52	0.86
s)	CHAMERA –I (105.84/540)	23.96	24.21	24.21
t)	CHAMERA-II (29.01/300)	6.64	6.64	6.64
u)	CHAMERA-III (25.21/231)	5.77	5.77	5.77
v)	DHAULIGANGA (27/280)	6.21	4.22	4.22
w)	DULHASTI (42.42/390)	9.32	9.32	9.29
x)	SEWA (13/120)	2.09	3.26	3.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.48	35.48	35.48
z)	TEHRI (75/1000)	3.59	3.57	3.57
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	24.33	24.31	25.43
ab)	TALA	3.59	2.88	3.47
ac)	MUNDRA UMPP (380/4000)	58.73	67.76	67.76
ad)	SASAN (372/3960)	69.03	43.52	53.05
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.67	30.66	30.57
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	638.87	629.69	677.39
	LOSSES	-0.08	-0.31	0.00
	NET SCHEDULED	638.79	629.38	677.39
21	BILATERAL (REG.) EXCL. BANKING	26.11	26.11	26.11
22	BANKING	-13.62	-13.62	-13.62
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	102.10	94.11	102.10
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-11.32	-19.35	-20.25
25	INDIAN ENERGY EXCHANGE	-33.68	-293.85	-293.85
	TOTAL(B): (19 TO 25)	708.38	430.77	477.87
	TOTAL GENERATION (A +B) : 1 TO 25			2037.93
	OVER DRAWAL (+)/UNDER DRAWAL (-)			49.37
	GRAND TOTAL	2323.23	2044.42	2087.30
	LAST YEAR	1688.36	1527.20	1422.68

3. SYSTEM PARAMETERS AS ON 03-Jul-18

MAXIMUM DRAWL ON 03-Jul-18	9356 MW at 23.00-23.15 Hrs 50.03 HZ
MINIMUM DRAWL ON 03-Jul-18	7693 MW at 18.45-19.00 Hrs 49.98 HZ
Max U/D of the day	532 MW at 08.00-08.15 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	20
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	42
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	21
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	15
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	6
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 3-Jul-18	50.01 Hz
Max O/D of the day	672 MW at 20.00-20.15 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	2.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.70
ABOVE 50.05 HZ	18.50
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	17
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.	4-Jul-18	4-Jul-17		
Gandhi Sagar (Ft.)	1312	1250	1269.19	NA	NIL	418
R.P.Sagar (Ft.)	1157.5	1128	1138.27	1139.24	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	973.70	972.00	NIL	208
Kota Barrage(Ft.)	854.5	852.3	850.20	850.10		
RMC					NIL	
LMC					20	
Bhakra(Ft.)	1690	1462	1496.34	1572.35	25617	31364
Dehar (Ft.)	2941	2900	2930.37	2923.62	8433	17729
Pong(Ft.)	1421	1260	1284.02	1301.34	10500	15976
Mahi-I (Mts.)	281.5	259	270.30	269.45	NIL	585
Mahi-II (Mts.)	220.5	217	216.95	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
4-Jul-18	KTPS	135380	7 DAYS
	STPS	126574	5 DAYS
	CHHABRA	80612	10.5 DAYS
	CHHABRA	84145	6 DAYS

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

4-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	HRSG#2	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IS DCPP END.)
DCPP	HRSG#1	55.00	50	12.0	50	19-May-18	16.57			NON AVAILABILITY OF GAS(treated as boxed up w.c.f. 13.40 hrs./28.05.18 as GT#1 BOXED UP)
STPS	2	250.00	229	55.0	229	26-Jun-18	13.08			BOXED UP
STPS	4	250.00	229	55.0	229	26-Jun-18	13.14			BOXED UP
STPS	6	250.00	229	55.0	229	27-Jun-18	10.06			BOXED UP
STPS	3	250.00	229	0.0	0	27-Jun-18	13.19	03-Jul-18	18.03	BOXED UP
STPS	5	250.00	229	55.0	229	28-Jun-18	21.30			BOXED UP
RAPP(A)	2	200.00	150	36.0	150	30-Jun-18	19.38			BIENNIAL SHUTDOWN
DCPP	GT#1	110.00	100	24.0	100	01-Jul-18	13.29			BOXED UP
DCPP	GT#2	110.00	100	24.0	100	01-Jul-18	13.24			BOXED UP
KTPS	6	195.00	175	0.0	0	27-Jun-18	15.20	03-Jul-18	14.58	TO ATTEND APH AND ESP PROBLEM (PERMISSION NOT GRANTED BY RVNL. VIDE LD. MSG. NO. OP/0726 DATED 01.07.18)
Total(A)-STATE SECTOR-PLANNED OUTAGE			2100.00	1840.00	344.80	1436.00				
CENTRAL SECTOR										
AURAYA GPS	1	111.19	18	4.4	18	28-Jun-18	5.51			RESERVE SHUTDOWN
AURAYA GPS	4	111.19	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURAYA GPS	3	111.19	18	4.4	18	16-May-18	23.51			RESERVE SHUTDOWN
AURAYA GPS	6	109.30	12	2.9	12	21-May-18	9.27			RESERVE SHUTDOWN FUEL SHORTAGE
AURAYA GPS	2	111.19	18	4.4	18	21-May-18	9.32			RESERVE SHUTDOWN FUEL SHORTAGE
DABRI GPS	3	130.19	22	5.3	22	27-Jun-18	10.20			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.5	31	27-Jun-18	10.24			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	27-Jun-18	10.54			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.2	34	27-Jun-18	11.22			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	27-Jun-18	11.45			RESERVE SHUTDOWN
DABRI GPS	5	154.51	16	3.9	16	05-Jun-18	11.35			RESERVE SHUTDOWN
DABRI GPS	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
BARSINGAR	1	125.00	110	26.4	110	29-Jun-18	6.58			REFRACTORY FAILURE
RAMGARH	GT#1	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	660.00	617	148.0	617	03-Jul-18	23.58			CRITICAL COAL STOCK AT PLANT
Total(B)-STATE SECTOR-FORCED OUTAGE			2135.50	1922.00	456.16	1922.00				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
AURAYA GPS	5	111.19	18	4.4	18	06-May-18	3.23			DRUM VIBRATION
SINGRAULI	7	500.00	85	20.5	85	20-Jun-18	22.50			DGA VIOLATION IN GT
DABRI GPS	2	130.19	22	5.3	22	18-Jun-18	6.00			S/D FOR FLAME TUBE INSPECTION
RIBAND	4	500.00	59	14.2	59	02-Jul-18	15.54	03-Jul-18	5.30	GT#1 PHASE 1A REPLACEMENT
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			1741.19	184.00	44.40	184.00				
G.TOTAL			500.56	2106.00						

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 (\$).