



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

Power Position 04-Jul-19	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- 2019

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2019
01-Jul-19	2723.55	2023.96	2479.41	1686.45	-20.57	19.60	11450	8169	50.00	362.62
02-Jul-19	2722.65	1989.50	2375.06	1889.40	3.09	45.32	11015	8916	50.00	179.49
03-Jul-19	2710.57	2044.42	2426.13	2087.29	-13.63	49.37	11113	9356	49.98	268.53
04-Jul-19	2642.13	2323.23								
05-Jul-19										
06-Jul-19										
07-Jul-19										
08-Jul-19										
09-Jul-19										
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26-Jul-19										
27-Jul-19										
28-Jul-19										
29-Jul-19										
30-Jul-19										
31-Jul-19										
MAXIMUM OF THE MONTH	2723.55	2323.23	2479.41	2087.29	3.09	49.37	11450.00	9356.00	50.00	362.62
MIN OF THE MONTH	2642.13	1989.50	2375.06	1686.45	-20.57	19.60	11015.00	8169.00	49.98	179.49
AVERAGE	2699.73	2095.28	2426.87	1887.71	-10.37	38.10	11192.67	8813.67	49.99	270.21
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2797.55	11-Jun-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							12620	(23.15-23.30 Hrs.)	07-Jun-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							522.10	17-Jun-19		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		3-Jul-19		
1	KTPS (1240/1240)	249.00	252.00	217.89
2	STPS (1500/1500)	271.00	271.00	220.20
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	20.00	19.62
5	RAPP-A(200/200)	35.00	35.00	39.62
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	6.39
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	243.00	297.00	278.06
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	414.00	412.00	351.39
11	WIND FARM (4139.20/4292.95)	268.00	243.00	268.53
12	SOLAR POWER(1661.70/2250.16)	168.23	173.80	163.15
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	22.68
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	5.00	2.50
17	BARSINGHSAR LTPS(250/250)	25.00	51.00	40.10
18	RAJWEST (1080/1080)	201.00	201.00	155.99
	TOTAL (A) : 1-18	1897.23	1960.80	1786.12
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	43.47	43.65	43.56
b)	DEHAR (198/ 990)	27.33	27.12	27.13
c)	PONG (231.66/396)	26.39	26.66	26.52
	TOTAL : a TO c	97.19	97.43	97.22
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	81.69	78.85	76.47
e)	RIHAND (310.24/3000)	90.95	87.05	87.27
f)	UNCHAHAHAR-I(20/420)	4.03	3.33	1.31
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	25.63	28.86	12.34
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.17	5.59	2.72
j)	DADRI GAS (77/830)	1.42	2.28	0.86
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)	8.66	9.44	9.44
n)	RAPP-B (125/440)	27.97	28.21	28.21
o)	RAPP-C (88/440)	18.72	18.72	18.72
p)	SALAL (20.36/690)	4.75	4.75	4.62
q)	URI (70.37/720)	16.27	16.27	16.27
r)	TANAKPUR (10.86/94)	2.30	2.32	2.36
s)	CHAMERA –I (105.84/540)	24.19	24.19	24.19
t)	CHAMERA-II (29.01/300)	6.71	6.71	6.71
u)	CHAMERA-III (25.21/231)	5.85	5.85	5.85
v)	DHAULIGANGA (27/280)	6.16	6.16	6.16
w)	DULHASTI (42.42/390)	8.08	8.08	8.08
x)	SEWA (13/120)	1.25	1.25	1.25
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.63	35.63	35.63
z)	TEHRI (75/1000)	4.47	6.81	6.81
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	27.75	29.19	30.30
ab)	TALA	1.37	1.17	1.81
ac)	MUNDRA UMPP (380/4000)	34.52	33.03	29.72
ad)	SASAN (372/3960)	83.66	83.31	94.45
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.53	20.74	13.90
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	651.93	645.21	622.68
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	651.93	645.21	622.68
21	BILATERAL (REG.) EXCL. BANKING	23.65	23.65	23.65
22	BANKING	-7.09	-7.09	-7.09
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	124.08	119.21	86.17
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-40.56
25	INDIAN ENERGY EXCHANGE	-47.67	-31.22	-31.22
	TOTAL(B): (19 TO 25)	744.90	749.77	653.64
	TOTAL GENERATION (A +B) : 1 TO 25			2439.76
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-13.63
	GRAND TOTAL	2642.13	2710.57	2426.13
	LAST YEAR	2323.23	2044.42	2087.30

3. SYSTEM PARAMETERS AS ON 03-Jul-19

MAXIMUM DRAWL ON 03-Jul-19	11113 MW at 11.15-11.30 HRS 50.02 HZ
MINIMUM DRAWL ON 03-Jul-19	8456 MW at 18.30-18.45 Hrs 50.02 HZ
Max U/D of the day	1148 MW at 20.15-20.30 HRS 49.92HZ
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	13
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	39
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	29
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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	15
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	10
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 3-Jul-19	49.98 Hz
Max O/D of the day	1057 MW at 00.00-00.15 Hrs 49.97 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	70.10
ABOVE 50.05 HZ	17.30
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

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

4-Jul-19

(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	60	14.40	60	11-Jul-14	8.20		BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29		BOXED UP
CSC TTP	5	660.00	600	144.00	600	27-May-19	0.10		ANNUAL SHUTDOWN FOR 30 DAY
ADANI	1	660.00	600	144.00	600	20-Jun-19	0.06		SHUTDOWN FOR MOH (20 DAYS)
CTPP	2	250.00	225	54.00	225	04-Jul-19	0.06		boxed up under annual shutdown
Total(A) STATE SECTOR- PLANNED OUTAGE			2025.00	1785.00	428.40	1785.00			

CENTRAL SECTOR

AURAYA GPS	2	111.19	18	4.40	18	30-May-19	18.01		NON AVAILABILITY OF CHEAP GAS
UNCHHAR	3	210.00	27	6.50	27	09-Jun-19	4.00		Annual overhauling for 25 days
ANTA	2	88.71	31	7.50	31	15-Jun-19	6.15		RESERVE SHUTDOWN
AURAYA GPS	3	111.19	18	4.40	18	23-Jun-19	8.37		RESERVE SHUTDOWN
AURAYA GPS	4	111.19	18	4.40	18	23-Jun-19	8.38		RESERVE SHUTDOWN
AURAYA GPS	6	109.30	12	2.90	12	23-Jun-19	8.43		RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	23-Jun-19	22.18		RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	27-Jun-19	1.19		RESERVE SHUTDOWN
DADRI GPS	3	130.19	22	5.30	22	27-Jun-19	6.00		RESERVE SHUTDOWN DUE TO NON-AVAILABILITY OF CHEAP GAS

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)		DATE	TIME	EXPECT./REVIVAL	DATE	TIME	REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
CHHABRA	3	250.00	225	54.00	225	12-Jun-19	2.50			ABNORMAL SOUND APPEARED AT GENERATOR/ CONVERTED IN ANNUAL OVER HAULING FOR 25 DAYS PERMISSION PENDING AT RUCNCL
STPS	4	250.00	229	55.00	229	15-Jun-19	14.15			PROBLEM IN HP CONTROL VALVE OF TURBINE (SD TAKEN BY STPS FROM 18.07 HRS, 19.06.19).
RAJWEST	3	135.00	120	28.68	120	24-Jun-19	19.35			ELECTRICAL FAULT
BTPP	2	125.00	110	26.40	110	03-Jul-19	18.15			due to suspected refractory failure
Total(B) STATE SECTOR-FORCED OUTAGE			1045.00	894.00	214.48	894.00				

CENTRAL SECTOR

AURAYA GPS	5	109.30	12	2.90	12	30-May-19	16.42			AVR PROBLEM
AURAYA GPS	1	111.19	18	4.40	18	05-Jun-19	22.50			NON AVAILABILITY OF CHEAP GAS
RIBANDI-STPS	2	500.00	59	13.80	59	29-Jun-19	10.37			AIR PRE-HEATER PROBLEM
SINGROLI-STPS	2	200.00	34	8.20	34	02-Jul-19	15.40			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE			920.49	123.00	29.30	123.00				
G.TOTAL			243.78	1017.00						

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 (\$).

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	4-Jul-19	4-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	1248.77	1269.19	NA	2229
R.P.Sagar (Ft.)	1157.5	1128	1136.31	1138.27	NIL	8712
Jawahar Sagar (Ft.)	980	970.4	974.10	973.70	3513	3513
Kota Barrage(Ft.)	854.5	852.3	851.10	850.20		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1605.94	1496.34	33603	42100
Dehar (Ft.)	2941	2900	2930.64	2930.37	7131	15673
Pong(Ft.)	1421	1260	1326.75	1284.02	12007	6902
Mahi-I (Mts.)	281.5	259	267.95	270.30	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.10	216.95	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-19	KTPS		
4-Jul-19	STPS		
4-Jul-19	CHHABRA		