



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

Power Position 02-Jul-19	Point No.
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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								
03-Jul-19										
04-Jul-19										
05-Jul-19										
06-Jul-19										
07-Jul-19										
08-Jul-19										
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25-Jul-19										
26-Jul-19										
27-Jul-19										
28-Jul-19										
29-Jul-19										
30-Jul-19										
31-Jul-19										
MAXIMUM OF THE MONTH	2723.55	2023.96	2479.41	1686.45	-20.57	19.60	11450.00	8169.00	50.00	362.62
MIN OF THE MONTH	2722.65	1989.50	2479.41	1686.45	-20.57	19.60	11450.00	8169.00	50.00	362.62
AVERAGE	2723.10	2006.73	2479.41	1686.45	-20.57	19.60	11450.00	8169.00	50.00	362.62
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
		1-Jul-19		
1	KTPS (1240/1240)	252.00	247.00	218.48
2	STPS (1500/1500)	271.00	255.00	208.40
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	20.00	19.24
5	RAPP-A(200/200)	35.00	35.00	39.57
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	297.00	291.00	260.33
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	407.00	405.00	337.46
11	WIND FARM (4139.20/4292.95)	229.00	266.00	362.62
12	SOLAR POWER(1661.70/2250.16)	171.19	175.00	173.80
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	11.32
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.16
17	BARSINGHSAR LTPS(250/250)	51.00	26.00	29.36
18	RAJWEST (1080/1080)	172.00	172.00	127.23
	TOTAL (A) : 1-18	1911.19	1898.00	1793.97
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	43.48	43.67	43.28
b)	DEHAR (198/ 990)	27.33	27.47	27.28
c)	PONG (231.66/396)	26.58	29.61	26.27
	TOTAL : a TO c	97.39	100.75	96.83
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	85.01	86.02	69.58
e)	RIHAND (310.24/3000)	77.30	75.76	72.32
f)	UNCHAHAAR-I(20/420)	4.33	5.22	0.32
g)	UNCHAHAAR-II& III & IV(135.09/1130)	34.85	33.86	4.68
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.16	14.36	0.80
j)	DADRI GAS (77/830)	1.94	1.91	0.34
k)	ANTA (83.07/419)	0.05	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	0.00	8.54	8.54
n)	RAPP-B (125/440)	28.13	27.97	27.97
o)	RAPP-C (88/440)	18.72	18.72	18.72
p)	SALAL (20.36/690)	4.75	4.75	4.61
q)	URI (70.37/720)	16.26	16.26	16.26
r)	TANAKPUR (10.86/94)	2.34	2.27	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	8.07	8.08
x)	SEWA (13/120)	1.25	1.88	1.88
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.63	35.63	35.63
z)	TEHRI (75/1000)	6.01	6.01	6.01
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	28.59	28.51	29.05
ab)	TALA	1.05	1.13	1.15
ac)	MUNDRA UMPP (380/4000)	32.14	31.36	21.11
ad)	SASAN (372/3960)	83.89	82.88	83.09
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	19.63	19.60	11.48
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	645.42	654.39	563.74
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	645.42	654.39	563.74
21	BILATERAL (REG.) EXCL. BANKING	29.89	30.04	27.20
22	BANKING	-7.09	-7.09	-7.09
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	133.51	132.77	129.61
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-22.90
25	INDIAN ENERGY EXCHANGE	9.73	15.44	15.44
	TOTAL(B): (19 TO 25)	811.46	825.55	706.01
	TOTAL GENERATION (A +B) : 1 TO 25			2499.98
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-20.57
	GRAND TOTAL	2722.65	2723.55	2479.41
	LAST YEAR	1989.50	1686.85	1686.45

3. SYSTEM PARAMETERS AS ON 01-Jul-19

MAXIMUM DRAWL ON 01-Jul-19	11450 MW at 14.15-14.30 HRS 50.01 HZ
MINIMUM DRAWL ON 01-Jul-19	8340 MW at 18.30-18.45 Hrs 50.01 HZ
Max U/D of the day	700 MW at 00.45-01.00 HRS 50.03 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	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	34
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	46
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	10
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	10
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	2
AVERAGE FREQ. FOR THE DAY 1-Jul-19	50.00 Hz
Max O/D of the day	746 MW at 04.30-04.45 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.70
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	66.30
ABOVE 50.05 HZ	29.00
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.	2-Jul-19	2-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	1248.63	1269.19	NIL	711
R.P.Sagar (Ft.)	1157.5	1128	1136.14	1138.35	NIL	363
Jawahar Sagar (Ft.)	980	970.4	976.60	973.20	NIL	197
Kota Barrage(Ft.)	854.5	852.3	851.90	850.50		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1604.90	1495.27	33603	35553
Dehar (Ft.)	2941	2900	2930.57	2934.59	8531	13275
Pong(Ft.)	1421	1260	1327.32	1283.54	12002	6350
Mahi-I (Mts.)	281.5	259	267.75	270.25	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.15	217.00	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
2-Jul-19	KTPS	77975	4 Days
2-Jul-19	STPS	45523	2 Days
2-Jul-19	CHHABRA	156162	12 Days
2-Jul-19	KALISINDH	104074	6.5 Days

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

2-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	
BTPS	1	125.00	110	26.40	110	23-May-19	7.46	01-Jul-19	17.58	ANNUAL SHUTDOWN FOR 30 DAY
CSCPP	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 AOH (20 DAYS)	
Total(A) STATE SECTOR- PLANNED OUTAGE			1900.00	1670.00	400.80	1670.00				

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	
DADRI GPS	2	130.19	22	5.30	22	24-Jun-19	14.08	01-Jul-19	20.00	RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	27-Jun-19	1.19		RESERVE SHUTDOWN	
DADRI GPS	4	130.19	22	5.30	22	27-Jun-19	2.00	01-Jul-19	22.01	RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	27-Jun-19	14.06	01-Jul-19	19.32	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										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLER-4	
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 RUCN. PROBLEM IN HP CONTROL VALVE OF TURBINE (SD TAKEN BY STPS FROM 18.07 HRS./19.06.19).	
STPS	4	250.00	229	55.00	229	15-Jun-19	14.15		ELECTRICAL FAULT	
RAJWEST	3	135.00	120	28.68	120	24-Jun-19	19.35		BED MATERIAL LEAKAGE	
RAJWEST	4	135.00	120	28.68	120	27-Jun-19	0.15		ELECTRICAL SUPPLY FAILURE	
STPS	5	250.00	229	0.00	0	30-Jun-19	21.22	01-Jul-19	3.01	ELECTRICAL SUPPLY FAILURE
Total(B) STATE SECTOR-FORCED OUTAGE			1305.00	1133.00	216.76	904.00				

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	
RHAND-II STPS	2	500.00	59	14.20	59	16-Jun-19	0.48		MAJOR OVERHAULING	
RHAND-I STPS	2	500.00	59	14.20	59	29-Jun-19	10.37		AIR PRE-HEATER PROBLEM	
Total(B) CENTRAL SECTOR-FORCED OUTAGE			1220.49	148.00	35.70	148.00				
G.TOTAL			252.46	1052.00						

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 (\$).