



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

Power Position 03-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	2375.06	1889.40	3.09	45.32	11015	8916	50.00	179.49
03-Jul-19	2710.57	2044.42								
04-Jul-19										
05-Jul-19										
06-Jul-19										
07-Jul-19										
08-Jul-19										
09-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	2044.42	2479.41	1889.40	3.09	45.32	11450.00	8916.00	50.00	362.62
MIN OF THE MONTH	2710.57	1989.50	2375.06	1686.45	-20.57	19.60	11015.00	8169.00	50.00	179.49
AVERAGE	2718.92	2019.29	2427.24	1787.93	-8.74	32.46	11232.50	8542.50	50.00	271.06
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
		2-Jul-19		
1	KTPS (1240/1240)	252.00	252.00	221.58
2	STPS (1500/1500)	271.00	271.00	205.57
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	20.00	19.82
5	RAPP-A(200/200)	35.00	35.00	39.38
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.98
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	297.00	297.00	276.54
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	412.00	407.00	352.38
11	WIND FARM (4139.20/4292.95)	243.00	229.00	179.49
12	SOLAR POWER(1661.70/2250.16)	173.80	171.19	168.23
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	19.43
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	6.00	4.60
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	50.55
18	RAJWEST (1080/1080)	201.00	172.00	133.56
	TOTAL (A) : 1-18	1960.80	1911.19	1672.11
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	43.65	43.48	43.41
b)	DEHAR (198/ 990)	27.12	27.33	27.25
c)	PONG (231.66/396)	26.66	26.58	25.86
	TOTAL : a TO c	97.43	97.39	96.52
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	78.85	85.01	72.12
e)	RIHAND (310.24/3000)	87.05	77.30	78.72
f)	UNCHAHAHAR-I(20/420)	3.33	4.33	0.82
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	28.86	34.85	10.08
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	5.59	15.16	2.71
j)	DADRI GAS (77/830)	2.28	1.94	0.51
k)	ANTA (83.07/419)	0.00	0.05	0.05
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.44	0.00	5.51
n)	RAPP-B (125/440)	28.21	28.13	28.13
o)	RAPP-C (88/440)	18.72	18.72	18.72
p)	SALAL (20.36/690)	4.75	4.75	4.75
q)	URI (70.37/720)	16.27	16.26	16.27
r)	TANAKPUR (10.86/94)	2.32	2.34	2.41
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	1.52
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.63	35.63	35.63
z)	TEHRI (75/1000)	6.81	6.01	6.08
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	29.19	28.59	29.36
ab)	TALA	1.17	1.05	1.34
ac)	MUNDRA UMPP (380/4000)	33.03	32.14	27.83
ad)	SASAN (372/3960)	83.31	83.89	82.65
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.74	19.63	14.79
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	645.21	645.42	587.52
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	645.21	645.42	587.52
21	BILATERAL (REG.) EXCL. BANKING	23.65	29.89	26.22
22	BANKING	-7.09	-7.09	-7.09
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	119.21	133.51	120.03
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-36.56
25	INDIAN ENERGY EXCHANGE	-31.22	9.73	9.73
	TOTAL(B): (19 TO 25)	749.77	811.46	699.86
	TOTAL GENERATION (A +B) : 1 TO 25			2371.97
	OVER DRAWAL (+)/UNDER DRAWAL (-)			3.09
	GRAND TOTAL	2710.57	2722.65	2375.06
	LAST YEAR	2044.42	1989.50	1889.40

3. SYSTEM PARAMETERS AS ON 02-Jul-19

MAXIMUM DRAWL ON 02-Jul-19	11015 MW at 14.30-14.45 HRS 50.01 HZ
MINIMUM DRAWL ON 02-Jul-19	8675 MW at 04.00-04.15 Hrs 50.03 HZ
Max U/D of the day	694 MW at 10.00-10.15 HRS 50.07 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	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
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	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	11
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	12
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
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 2-Jul-19	50.00 Hz
Max O/D of the day	740 MW at 00.00-00.15 Hrs 50.00 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.	3-Jul-19	3-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	NA	1269.19	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1136.11	1138.31	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.20	973.50	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.70	850.40		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1605.33	1496.34	33687	39633
Dehar (Ft.)	2941	2900	2931.03	2930.37	8483	13698
Pong(Ft.)	1421	1260	1327.03	1284.02	12005	6718
Mahi-I (Mts.)	281.5	259	267.85	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
3-Jul-19	KTPS	66130	3.4 Days
3-Jul-19	STPS	64177	11 Days
3-Jul-19	CHHABRA	145059	2.8 Days
3-Jul-19	KALISINDH	97543	6 Days

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

3-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)
Total(A) STATE SECTOR- PLANNED OUTAGE			1775.00	1560.00	374.40	1560.00			
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
Total(B) STATE SECTOR-FORCED OUTAGE			1305.00	1133.00	188.08	784.00			
(B) FORCE OUTAGE									
STATE SECTOR									
GIRAL	2	125.00	70	16.80	70	27-Jan-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 RECNL. 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	0.00	0	27-Jun-19	0.15	02-Jul-19	20.34
STPS	6	250.00	229	0.00	0	02-Jul-19	11.23	02-Jul-19	21.14 due to flame failure
Total(B) STATE SECTOR-FORCED OUTAGE			1420.49	182.00	29.30	123.00			
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
RIBAND-II STPS	2	500.00	59	0.00	0	16-Jun-19	0.48	02-Jul-19	10.21 MAJOR OVERHAULING
RIBAND-I 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			1420.49	182.00	29.30	123.00			
G.TOTAL			217.38	907.00					

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 (\$).