



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

<b>Power Position 05-Jul-19</b>	<b>Point No.</b>
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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	2426.13	2087.29	-13.63	49.37	11113	9356	49.98	268.53
04-Jul-19	2642.13	2323.23	2351.10	2105.51	-23.61	23.77	11114	9895	50.00	452.62
05-Jul-19	2665.52	2256.27								
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	<b>2723.55</b>	<b>2323.23</b>	<b>2479.41</b>	<b>2105.51</b>	<b>3.09</b>	<b>49.37</b>	<b>11450.00</b>	<b>9895.00</b>	<b>50.00</b>	<b>452.62</b>
MIN OF THE MONTH	<b>2642.13</b>	<b>1989.50</b>	<b>2351.10</b>	<b>1686.45</b>	<b>-23.61</b>	<b>19.60</b>	<b>11015.00</b>	<b>8169.00</b>	<b>49.98</b>	<b>179.49</b>
AVERAGE	<b>2692.88</b>	<b>2127.48</b>	<b>2407.93</b>	<b>1942.16</b>	<b>-13.68</b>	<b>34.52</b>	<b>11173.00</b>	<b>9084.00</b>	<b>50.00</b>	<b>315.82</b>
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
		4-Jul-19		
1	KTPS (1240/1240)	247.00	249.00	209.66
2	STPS (1500/1500)	220.00	271.00	190.25
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	20.00	18.76
5	RAPP-A(200/200)	35.00	35.00	39.65
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	3.04
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	245.00	243.00	218.78
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	414.00	414.00	324.61
11	WIND FARM (4139.20/4292.95)	441.00	268.00	452.62
12	SOLAR POWER(1661.70/2250.16)	163.15	168.23	164.65
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	23.04
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	4.00	3.00	3.86
17	BARSINGHSAR LTPS(250/250)	26.00	25.00	23.00
18	RAJWEST (1080/1080)	201.00	201.00	130.63
	<b>TOTAL (A) : 1-18</b>	<b>2017.15</b>	<b>1897.23</b>	<b>1802.55</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	43.56	43.47	43.40
b)	DEHAR (198/ 990)	27.18	27.33	27.03
c)	PONG (231.66/396)	26.24	26.39	26.28
	<b>TOTAL : a TO c</b>	<b>96.98</b>	<b>97.19</b>	<b>96.71</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	87.91	81.69	58.68
e)	RIHAND (310.24/3000)	91.96	90.95	72.25
f)	UNCHAHAAR-I(20/420)	4.64	4.03	0.42
g)	UNCHAHAAR-II& III & IV(135.09/1130)	28.63	25.63	3.85
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	11.77	11.17	0.89
j)	DADRI GAS (77/830)	1.97	1.42	0.89
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)	8.70	8.66	8.66
n)	RAPP-B (125/440)	27.97	27.97	27.97
o)	RAPP-C (88/440)	18.72	18.72	18.72
p)	SALAL (20.36/690)	4.51	4.75	4.56
q)	URI (70.37/720)	16.27	16.27	16.27
r)	TANAKPUR (10.86/94)	2.30	2.30	2.31
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)	2.93	1.25	1.67
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.63	35.63	35.58
z)	TEHRI (75/1000)	3.89	4.47	3.99
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	27.47	27.75	28.86
ab)	TALA	1.32	1.37	1.30
ac)	MUNDRA UMPP (380/4000)	32.93	34.52	18.28
ad)	SASAN (372/3960)	84.00	83.66	78.19
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.79	21.53	8.93
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	664.30	651.93	539.97
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>664.30</b>	<b>651.93</b>	<b>539.97</b>
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)	117.62	124.08	102.16
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-38.86
25	INDIAN ENERGY EXCHANGE	-150.12	-47.67	-47.67
	<b>TOTAL(B): (19 TO 25)</b>	<b>648.37</b>	<b>744.90</b>	<b>572.16</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2374.71</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-23.61
	<b>GRAND TOTAL</b>	<b>2665.52</b>	<b>2642.13</b>	<b>2351.10</b>
	LAST YEAR	2256.27	2323.23	2105.51

## 3. SYSTEM PARAMETERS AS ON 04-Jul-19

MAXIMUM DRAWL ON 04-Jul-19	11114 MW at 14.30-14.45 HRS 50.07 HZ
MINIMUM DRAWL ON 04-Jul-19	8080 MW at 18.45-19.00 Hrs 49.89 HZ
Max U/D of the day	886 MW at 17.45-18.00 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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	29
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	11
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	33
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	15
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	23
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	12
No. of Blocks in which Freq. >= 50.10	4
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	2
AVERAGE FREQ. FOR THE DAY 4-Jul-19	50.00 Hz
Max O/D of the day	716 MW at 14.00-14.15 Hrs 50.07 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.50
LESS THAN 49.90 HZ	11.00
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	60.50
ABOVE 50.05 HZ	28.50
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	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-19	5-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	1251.02	1269.19	NA	38175
R.P.Sagar (Ft.)	1157.5	1128	1136.61	1138.23	NIL	5808
Jawahar Sagar (Ft.)	980	970.4	973.10	974.10	NIL	1016
Kota Barrage(Ft.)	854.5	852.3	851.60	850.10		
RMC					15	
LHC					NIL	
Bhakra(Ft.)	1690	1462	1607.80	1499.38	33563	59465
Dehar (Ft.)	2941	2900	2931.16	2925.00	8434	15913
Pong(Ft.)	1421	1260	1326.64	1285.62	12002	9996
Mahi-I (Mts.)	281.5	259	268.80	270.45	NIL	705
Mahi-II (Mts.)	220.5	217	216.10	217.00	NIL	705

## 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-19	KTPS	45885	2.3 Days
5-Jul-19	STPS	76665	3.3 Days
5-Jul-19	CHHABRA	150109	11.4 Days
5-Jul-19	KALISINDH	81948	5.0 Days

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

5-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 AOH (20 DAYS)
CTPP	2	250.00	225	54.00	225	04-Jul-19	0.06		boxed up under annual shutdown
STPS	5	250.00	229	55.00	229	04-Jul-19	13.06		BOXED UP
Total(A) STATE SECTOR PLANNED OUTAGE		2275.00	2014.00	483.40	2014.00				

## CENTRAL SECTOR

AURAIYA GFS	2	111.19	18	4.40	18	30-May-19	18.01		NON AVAILABILITY OF CHEAP GAS
UNCBHAR	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
AURAIYA GFS	3	111.19	18	4.40	18	23-Jun-19	8.37		RESERVE SHUTDOWN
AURAIYA GFS	4	111.19	18	4.40	18	23-Jun-19	8.38		RESERVE SHUTDOWN
AURAIYA GFS	6	109.30	12	2.90	12	23-Jun-19	8.43		RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	23-Jun-19	22.18		RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.20	34	27-Jun-19	1.19		RESERVE SHUTDOWN
DADRI GFS	3	130.19	22	5.30	22	27-Jun-19	6.00	01-Jul-19	21.14
DADRI GFS	6	154.51	88	21.00	88	27-Jun-19	1.55		RESERVE SHUTDOWN
DADRI GFS	3	130.19	22	5.30	22	01-Jul-19	21.15		RESERVE SHUTDOWN
DADRI GFS	4	130.19	22	5.30	22	02-Jul-19	0.16		RESERVE SHUTDOWN
DADRI GFS	1	130.19	22	5.30	22	04-Jul-19	23.03		RESERVE SHUTDOWN

## (B) FORCE OUTAGE

## STATE SECTOR

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	STGr2	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 (S/D TAKEN BY STPS FROM 18.07 HRS,19.06.19)
STPS	4	250.00	229	55.00	229	15-Jun-19	14.15		
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
BTPP	1	125.00	110	0.00	0	04-Jul-19	9.17	04-Jul-19	10.23
Total(B) STATE SECTOR FORCED OUTAGE		1170.00	1004.00	214.48	894.00				

## CENTRAL SECTOR

AURIYA GFS	5	109.30	12	2.90	12	30-May-19	16.42		AVR PROBLEM
AURIYA GFS	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( 45 DAYS)
RHAND-I STPS	2	500.00	59	0.00	0	29-Jun-19	10.37	02-Jul-19	10.21
SINGROLI STPS	2	200.00	34	0.00	0	02-Jul-19	15.40	04-Jul-19	21.13
Total(B) CENTRAL SECTOR FORCED OUTAGE		1420.49	182.00	21.50	89.00				
G.TOTAL				235.98	983.00				

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 (S).