



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

<b>Power Position 11-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	2208.58	2151.11	5.96	28.91	9971	9977	50.01	401.17
06-Jul-19	2571.28	2195.52	2166.18	2196.72	-8.45	29.18	9859	10408	50.01	450.94
07-Jul-19	2450.11	2251.03	2014.57	2326.63	8.90	12.62	9154	10550	50.03	412.15
08-Jul-19	2442.44	2358.71	2181.81	2310.49	-14.61	10.75	10064	10729	50.01	515.08
09-Jul-19	2547.98	2455.12	2257.51	2422.78	-10.75	14.10	10549	11057	50.03	636.81
10-Jul-19	2621.75	2432.08	2439.74	2408.90	22.51	18.44	10867	10937	50.03	668.58
11-Jul-19	2701.57	2416.19								
12-Jul-19										
13-Jul-19										
14-Jul-19										
15-Jul-19										
16-Jul-19										
17-Jul-19										
18-Jul-19										
19-Jul-19										
20-Jul-19										
21-Jul-19										
22-Jul-19										
23-Jul-19										
24-Jul-19										
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>2455.12</b>	<b>2479.41</b>	<b>2422.78</b>	<b>22.51</b>	<b>49.37</b>	<b>11450.00</b>	<b>11057.00</b>	<b>50.03</b>	<b>668.58</b>
MIN OF THE MONTH	<b>2442.44</b>	<b>1989.50</b>	<b>2014.57</b>	<b>1686.45</b>	<b>-23.61</b>	<b>10.75</b>	<b>9154.00</b>	<b>8169.00</b>	<b>49.98</b>	<b>179.49</b>
AVERAGE	<b>2618.14</b>	<b>2249.64</b>	<b>2290.01</b>	<b>2158.53</b>	<b>-5.12</b>	<b>25.21</b>	<b>10515.60</b>	<b>9999.40</b>	<b>50.01</b>	<b>434.80</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	3.15-23.30 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	19.30-09.45Hrs.		28-Dec-18
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							636.81		09-Jul-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
		10-Jul-19		
1	KTPS (1240/1240)	88.00	88.00	70.86
2	STPS (1500/1500)	108.00	108.00	83.87
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	19.24
5	RAPP-A(200/200)	35.00	35.00	38.97
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.54
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	291.00	297.00	250.02
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	407.00	407.00	330.58
11	WIND FARM (4139.20/4292.95)	585.00	545.00	668.58
12	SOLAR POWER(1661.70/2250.16)	138.05	159.07	160.68
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.46
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	6.00	6.52
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.68
18	RAJWEST (1080/1080)	201.00	201.00	132.90
	<b>TOTAL (A) : 1-18</b>	<b>1907.05</b>	<b>1893.07</b>	<b>1813.90</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	46.01	44.12	45.15
b)	DEHAR (198/ 990)	27.91	27.64	27.10
c)	PONG (231.66/396)	22.90	19.68	22.82
	<b>TOTAL : a TO c</b>	<b>96.83</b>	<b>91.44</b>	<b>95.07</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	84.43	90.51	64.63
e)	RIHAND (310.24/3000)	88.63	88.67	85.99
f)	UNCHAHAHAR-I(20/420)	5.03	4.25	2.43
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	31.71	33.30	16.19
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.34	14.26	3.15
j)	DADRI GAS (77/830)	0.00	2.40	1.60
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)	8.76	8.76	8.76
n)	RAPP-B (125/440)	27.93	27.93	27.93
o)	RAPP-C (88/440)	18.88	18.88	18.88
p)	SALAL (20.36/690)	4.75	4.75	4.67
q)	URI (70.37/720)	16.28	16.28	16.28
r)	TANAKPUR (10.86/94)	2.24	2.31	2.30
s)	CHAMERA –I (105.84/540)	24.23	24.23	24.23
t)	CHAMERA-II (29.01/300)	6.72	6.72	6.72
u)	CHAMERA-III (25.21/231)	5.61	5.67	5.70
v)	DHAULIGANGA (27/280)	6.17	6.17	6.17
w)	DULHASTI (42.42/390)	8.09	8.09	8.07
x)	SEWA (13/120)	1.26	1.26	1.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.68	35.68	35.68
z)	TEHRI (75/1000)	3.68	3.56	3.56
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	28.18	27.85	29.12
ab)	TALA	3.51	3.51	3.51
ac)	MUNDRA UMPP (380/4000)	46.03	41.13	27.28
ad)	SASAN (372/3960)	68.66	68.36	69.37
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	16.99	19.82	9.85
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	651.63	655.78	578.39
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>651.63</b>	<b>655.78</b>	<b>578.39</b>
21	BILATERAL (REG.) EXCL. BANKING	26.05	23.69	23.69
22	BANKING	-7.08	-7.08	-7.08
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	136.10	129.63	106.50
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-24.82
25	INDIAN ENERGY EXCHANGE	-12.18	-73.33	-73.33
	<b>TOTAL(B): (19 TO 25)</b>	<b>794.52</b>	<b>728.68</b>	<b>603.33</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2417.23</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			22.51
	<b>GRAND TOTAL</b>	<b>2701.57</b>	<b>2621.75</b>	<b>2439.74</b>
	LAST YEAR	2416.19	2432.08	2408.89

## 3. SYSTEM PARAMETERS AS ON 10-Jul-19

MAXIMUM DRAWL ON 10-Jul-19	10867 MW at 23.00-23.15 HRS 50.05 HZ
MINIMUM DRAWL ON 10-Jul-19	8808 MW at 04.00-04.15 Hrs 50.07 HZ
Max U/D of the day	507 MW at 18.15-18.30 HRS 50.02 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	18
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	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	41
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	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	35
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION (UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 10-Jul-19	50.03 Hz
Max O/D of the day	702 MW at 7.15-07.30Hrs 50.08 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	1.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	59.00
ABOVE 50.05 HZ	39.40
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 10-Jul-19	Inflow 10-Jul-19
	Max.	Min.	11-Jul-19	11-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	1261.18	1269.91	3131	3131
R.P.Sagar (Ft.)	1157.5	1128	1138.15	1138.72	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.10	974.50	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.80	850.90		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1615.27	1501.68	35078	55408
Dehar (Ft.)	2941	2900	2931.16	2933.92	8465	21535
Pong(Ft.)	1421	1260	1627.98	1282.25	10505	15792
Mahi-I (Mts.)	281.5	259	272.95	270.65	NIL	1483
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
11-Jul-19	KTPS	98602	5.0 Days
11-Jul-19	STPS	126813	5.5 Days
11-Jul-19	CHHABRA	149064	11.3 Days
11-Jul-19	KALISINDH	56344	3.4 Days

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

11-Jul-19

## (A) PLANNED OUTAGE

NAME OF STATION	UNIT	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 (S/D W.E.F.15.07.14)
DCCPP	HRSGr2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRSGr1	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
CSCPTP	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
STPS	1	250.00	229	55.00	229	05-Jul-19	13.09			BOXED UP
STPS	6	250.00	229	55.00	229	05-Jul-19	13.02			BOXED UP
KTPS	1	110.00	100	23.00	100	06-Jul-19	12.49			BOXED UP
KTPS	2	110.00	100	23.00	100	06-Jul-19	13.30			BOXED UP
KTPS	4	210.00	192	46.00	192	06-Jul-19	23.00			BOXED UP
KTPS	6	195.00	175	42.00	175	07-Jul-19	14.02			BOXED UP
KTPS	3	210.00	192	46.00	192	09-Jul-19	12.04			BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE		3610.00	3231.00	773.40	3231.00					

## CENTRAL SECTOR

AURAIYA 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 GPS	2	88.71	31	7.50	31	15-Jun-19	6.15			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.40	18	23-Jun-19	8.37			RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	23-Jun-19	8.38			RESERVE SHUTDOWN
AURAIYA 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 DUE TO NON-AVAILABILITY OF CHEAP GAS
ANTA GPS	4	153.20	34	8.20	34	27-Jun-19	1.19			RESERVE SHUTDOWN
DADRI GPS	6	154.51	88	21.00	88	27-Jun-19	1.55			RESERVE SHUTDOWN
DADRI GPS	3	130.19	22	5.30	22	01-Jul-19	21.15			RESERVE SHUTDOWN
DADRI GPS	4	130.19	22	5.30	22	02-Jul-19	0.16			RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	0.00	0	04-Jul-19	23.03	10-Jul-19	17.02	RESERVE SHUTDOWN
DADRI GPS	5	154.51	88	21.00	88	10-Jul-19	16.53			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	10-Jul-19	17.02			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1813.27	453.00	103.70	431.00					

## (B) FORCE OUTAGE

STATE SECTOR										
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	STGr2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
STPS	4	250.00	229	55.00	229	15-Jun-19	14.15			PROBLEM IN HP CONTROL VALVE OF TURBINE (S/D 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
BTFP	2	125.00	110	25.40	110	03-Jul-19	18.15			due to suspected reflectors failure
RAMGARH	GT1	35.50	29	0.00	0	10-Jul-19	21.42	10-Jul-19	23.32	GENERATOR BREAKER TRIPPED
Total(B)-STATE SECTOR-FORCED OUTAGE		830.50	698.00	160.48	669.00					
CENTRAL SECTOR										
AURAIYA GPS	5	109.30	12	2.90	12	30-May-19	16.42			AVR PROBLEM
AURAIYA GPS	1	111.19	18	4.40	18	05-Jun-19	22.50			NON AVAILABILITY OF CHEAP GAS
RIHAND	4	500.00	59	14.20	59	16-Jun-19	0.48			MAJOR OVERHAULING( 45 DAYS)
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		720.49	89.00	21.50	89.00					
G.TOTAL			181.98	758.00						

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).