



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

<b>Power Position 09-Sep-19</b>	<b>Point No.</b>
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –SEPT- 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-Sep-19	2468.54	2560.36	2039.21	2230.91	-32.76	0.61	9161	9993	50.02	34.77
02-Sep-19	2399.48	2515.11	2031.70	2109.10	-5.28	18.13	9406	9576	50.01	30.24
03-Sep-19	2437.54	2383.22	2141.70	2078.21	-25.62	19.04	9752	9840	50.00	28.95
04-Sep-19	2391.03	2434.51	2254.73	2042.31	-20.07	4.72	10161	9677	50.00	67.57
05-Sep-19	2488.11	2388.98	2255.37	2088.96	-33.63	10.80	10121	9867	50.01	80.00
06-Sep-19	2436.38	2319.67	2287.17	2153.99	7.41	12.07	10363	9749	50.00	78.62
07-Sep-19	2464.91	2258.92	2248.56	2172.17	-16.71	13.32	10002	9972	50.00	100.63
08-Sep-19	2493.24	2385.31	2213.03	2003.78	-13.92	-4.90	9809	9693	50.01	55.72
09-Sep-19	2484.98	2147.80								
10-Sep-19										
11-Sep-19										
12-Sep-19										
13-Sep-19										
14-Sep-19										
15-Sep-19										
16-Sep-19										
17-Sep-19										
18-Sep-19										
19-Sep-19										
20-Sep-19										
21-Sep-19										
22-Sep-19										
23-Sep-19										
24-Sep-19										
25-Sep-19										
26-Sep-19										
27-Sep-19										
28-Sep-19										
29-Sep-19										
30-Sep-19										
01-Oct-19										
MAXIMUM OF THE MONTH	<b>2493.24</b>	<b>2560.36</b>	<b>2287.17</b>	<b>2230.91</b>	<b>7.41</b>	<b>19.04</b>	<b>10363.00</b>	<b>9993.00</b>	<b>50.02</b>	<b>100.63</b>
MIN OF THE MONTH	<b>2391.03</b>	<b>2147.80</b>	<b>2031.70</b>	<b>2003.78</b>	<b>-33.63</b>	<b>-4.90</b>	<b>9161.00</b>	<b>9576.00</b>	<b>50.00</b>	<b>28.95</b>
AVERAGE	<b>2451.58</b>	<b>2377.10</b>	<b>2183.93</b>	<b>2109.93</b>	<b>-17.57</b>	<b>9.22</b>	<b>9846.88</b>	<b>9795.88</b>	<b>50.01</b>	<b>59.56</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							<b>2797.55</b>	<b>11-Jun-19</b>		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							<b>12620</b>	<b>(23.15-23.30 Hrs.)</b>	<b>07-Jun-19</b>	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							<b>2549.75</b>	<b>05-Jun-18</b>		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							<b>13276</b>	<b>(09.30-09.45Hrs.)</b>	<b>28-Dec-18</b>	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							<b>742.55</b>	<b>14-Jul-19</b>		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							<b>565.54</b>	<b>13-Jun-18</b>		

## 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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	216.00	226.00	177.64	227.00	216.00	175.53	219.00	227.00	171.55
2	STPS (1500/1500)	108.00	108.00	86.66	108.00	108.00	86.25	54.00	108.00	62.45
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.36	21.00	21.00	20.47	21.00	21.00	20.53
5	RAPP-A(200/200)	36.00	36.00	39.77	36.00	36.00	39.89	36.00	36.00	39.78
6	MAHI (140/140)	0.00	0.00	16.68	0.00	0.00	14.57	0.00	0.00	16.21
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	59.76	0.00	0.00	56.76	0.00	0.00	56.48
8	SSCTPS#7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	350.00	354.00	316.47	354.00	350.00	338.84	416.00	354.00	365.61
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	415.00	419.00	344.45	415.00	415.00	330.63	415.00	415.00	338.53
11	WIND FARM (4139.20/4292.95)	70.50	58.50	78.62	54.00	70.50	100.63	64.00	54.00	55.72
12	SOLAR POWER(1661.70/2250.16)	157.83	158.78	175.85	175.85	157.83	142.41	142.42	175.85	163.83
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	6.00	5.87	6.00	6.00	6.10	6.00	6.00	5.90
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	52.25	51.00	51.00	50.91	51.00	51.00	47.55
18	RAJWEST (1080/1080)	201.00	201.00	161.75	201.00	201.00	153.79	201.00	201.00	147.95
	<b>TOTAL (A) : 1-18</b>	<b>1632.33</b>	<b>1639.28</b>	<b>1536.14</b>	<b>1648.85</b>	<b>1632.33</b>	<b>1516.78</b>	<b>1625.42</b>	<b>1648.85</b>	<b>1492.09</b>
19	BMBB COMPLEX									
a)	BHAKRA(230.79/1516.3)	50.42	50.82	50.49	50.44	50.42	50.40	50.63	50.44	50.39
b)	DEHAR (198/ 990)	26.51	26.41	26.51	26.46	26.51	26.57	26.63	26.46	26.56
c)	PONG (231.66/396)	33.75	33.75	33.75	33.75	33.75	33.75	33.88	33.75	33.75
	<b>TOTAL : a TO c</b>	<b>110.68</b>	<b>110.97</b>	<b>110.75</b>	<b>110.64</b>	<b>110.68</b>	<b>110.72</b>	<b>111.14</b>	<b>110.64</b>	<b>110.70</b>
20	CENTRAL STATIONS									
d)	SINGRAULI (300/2000)+SINGRAULI SHEP (1.87/8.00)	79.56	83.07	78.39	74.25	79.56	71.04	73.93	74.25	58.79
e)	RIHAND (310.24/3000)	103.98	103.98	104.48	103.98	103.98	99.41	104.43	103.98	99.04
f)	UNCHAHAAR-(20/420)	4.06	4.02	1.45	4.06	4.06	0.51	4.08	4.06	0.82
g)	UNCHAHAAR-II& III & IV(135.09/1130)	31.66	30.57	12.63	41.73	31.66	5.99	30.78	41.73	17.52
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	6.01	7.29	4.85	5.63	6.01	2.24	6.28	5.63	2.73
j)	DADRI GAS (77/830)	1.45	1.84	1.38	1.60	1.45	0.73	1.59	1.60	0.56
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	8.72	8.70	8.70	8.77	8.72	8.72	9.78	8.77	8.77
n)	RAPP-B (125/440)	28.34	28.18	28.18	28.26	28.34	28.34	28.46	28.26	28.26
o)	RAPP-C (88/440)	19.00	19.00	19.00	19.00	19.00	19.00	19.07	19.00	19.00
p)	SALAL (20.36/690)	4.79	4.79	4.79	4.79	4.79	4.79	4.81	4.79	4.79
q)	URI (70.37/720)	15.06	15.24	14.08	14.77	15.06	13.75	14.39	14.77	13.22
r)	TANAKPUR (10.86/94)	1.08	2.43	2.31	2.43	1.08	0.89	2.43	2.43	2.40
s)	CHAMERA –I (105.84/540)	16.25	16.25	16.25	16.25	16.25	16.25	16.32	16.25	16.25
t)	CHAMERA-II (29.01/300)	2.21	2.21	2.21	2.21	2.21	2.21	0.47	2.21	1.15
u)	CHAMERA-III (25.21/231)	3.88	3.88	3.88	3.88	3.88	3.88	3.90	3.88	3.88
v)	DHAULIGANGA (27/280)	6.21	6.21	6.21	6.21	6.21	6.21	6.23	6.21	6.21
w)	DULHASTI (42.42/390)	8.14	8.14	8.14	8.14	8.14	8.14	8.17	8.14	8.14
x)	SEWA (13/120)	1.05	1.05	1.05	1.05	1.05	1.47	1.06	1.05	1.05
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.88	35.88	35.88	35.88	35.88	35.88	36.02	35.88	35.88
z)	TEHRI (75/1000)	15.98	11.84	13.44	14.31	15.98	15.98	11.85	14.31	13.70
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	32.36	30.75	30.43	31.62	32.36	31.86	30.64	31.62	30.91
ab)	TALA	3.46	3.45	3.35	3.42	3.46	3.42	3.45	3.42	3.40
ac)	MUNDRA UMPP (380/4000)	70.56	70.49	67.92	70.56	70.56	62.04	67.35	70.56	46.93
ad)	SASAN (372/3960)	84.97	84.97	83.80	85.10	84.97	84.75	85.89	85.10	85.37
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.60	29.06	20.70	30.07	28.60	18.02	26.68	30.07	20.91
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(A to af)	723.97	724.25	684.25	728.61	723.97	656.25	709.20	728.61	640.36
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	723.97	724.25	684.25	728.61	723.97	656.25	709.20	728.61	640.36
21	BILATERAL (REG.) EXCL. BANKING	26.21	30.40	26.28	26.21	26.21	26.21	26.32	26.21	26.21
22	BANKING	-7.05	-7.05	-7.05	-7.05	-7.05	-7.05	-7.04	-7.05	-7.05
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	100.53	83.96	77.02	100.36	100.53	89.76	133.34	100.53	84.87
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-2.41	0.00	0.00	-5.60	0.00	0.00	-5.79
25	INDIAN ENERGY EXCHANGE	-11.08	-34.46	-34.46	-3.74	-11.08	-11.08	-2.26	-3.74	-3.74
	<b>TOTAL(B): (19 TO 25)</b>	<b>832.58</b>	<b>797.10</b>	<b>743.63</b>	<b>844.39</b>	<b>832.58</b>	<b>748.49</b>	<b>859.57</b>	<b>844.56</b>	<b>734.86</b>
	TOTAL GENERATION (A + B) : 1 TO 25			2279.76			2265.27			2226.95
	OVER DRAWAL (+)/UNDER DRAWAL (-)			7.41			-16.71			-13.92
	<b>GRAND TOTAL</b>	<b>2464.91</b>	<b>2436.38</b>	<b>2287.17</b>	<b>2493.24</b>	<b>2464.91</b>	<b>2248.56</b>	<b>2484.98</b>	<b>2493.41</b>	<b>2213.03</b>
	LAST YEAR	2258.92	2319.67	2153.99	2385.31	2258.92	2172.16	2147.80	2385.31	2003.79

## 3. SYSTEM PARAMETERS AS ON 08-Sep-19

MAXIMUM DRAWL ON 08-Sep-19	9809 MW at 23.00-23.15 HRS 50.02 HZ
MINIMUM DRAWL ON 08-Sep-19	7973 MW at 18.15-18.30 Hrs 49.89 HZ
Max U/D of the day	818 MW at 15.15-15.30 Hrs 50.02HZ.
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	2
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	16
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
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	56
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	13
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	22
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	8
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 8-Sep-19	50.01 Hz
Max O/D of the day	515 MW at 10.15-10.30 Hrs 50.00 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.10
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.40
ABOVE 50.05 HZ	23.50
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.	9-Sep-19	9-Sep-18		
Gandhi Sagar (Ft.)	1312	1250	1311.04	1284.25	6105	27180
R.P.Sagar (Ft.)	1157.5	1128	1157.31	1148.82	6316	24162
Jawahar Sagar (Ft.)	980	970.4	976.10	977.20	11603	29953
Kota Barrage(Ft.)	854.5	852.3	852.60	850.20		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1675.01	1647.81	37643	37658
Dehar (Ft.)	2941	2900	2922.90	2924.21	8447	15632
Pong(Ft.)	1421	1260	1388.10	1375.45	12101	15646
Mahi-I (Mts.)	281.5	259	281.30	277.80	4397	4397
Mahi-II (Mts.)	220.5	217	218.85	217.40	633	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
9-Sep-19	KTPS	130581	7 days
	STPS	107137	5 days
	CHHABRA	132460	10 days
	KALISINDH	85032	5 days

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

9-Sep-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	
KTPS	6	195.00	175	42.00	175	07-Jul-19	14.02		ANNUAL S/D UPTO 31.08.19	
STPS	4	250.00	229	55.00	229	31-Aug-19	23.46		BOXED UP	
STPS	6	250.00	229	55.00	229	01-Sep-19	18.00		BOXED UP	
STPS	2	250.00	229	55.00	229	02-Sep-19	2.53		BOXED UP	
Total(A)-STATE SECTOR- PLANNED OUTAGE		1400.00	1222.00	293.40	1222.00					
CENTRAL SECTOR										
SINGRAULI STPS	5	200.00	34	8.20	34	06-Aug-19	22.24		MAJOR OVERHAULING WORK	
AURAIYA GPS	4	111.19	18	4.40	18	15-Aug-19	10.31		RESERVE SHUTDOWN	
AURAIYA GPS	6	109.30	12	2.90	12	18-Aug-19	20.26		RESERVE SHUTDOWN	
AURAIYA GPS	3	111.19	18	4.40	18	18-Aug-19	20.30		RESERVE SHUTDOWN	
DADRI GPS	5	154.51	16	3.90	16	22-Aug-19	0.58		RESERVE SHUTDOWN	
AURAIYA GPS	5	109.30	12	2.90	12	22-Aug-19	5.37		RESERVE SHUTDOWN	
AURAIYA GPS	2	111.19	18	4.40	18	29-Aug-19	22.49		RESERVE SHUTDOWN	
AURAIYA GPS	1	111.19	18	4.40	18	29-Aug-19	22.56		RESERVE SHUTDOWN	
ANTA GPS	4	153.20	34	8.20	34	29-Aug-19	22.55		RESERVE SHUTDOWN	
Total(A)-CENTRAL SECTOR- PLANNED OUTAGE		1171.07	180.00	43.70	180.00					
(B) FORCED 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	STG#2	50.00	40	9.60	40	05-Oct-18	10.58		NON AVAILABILITY OF SUFFICIENT GAS	
KALISINDH	2	600.00	565	135.60	565	21-Jul-19	14.08		generator stator earth fault in R-Phase ("SD FOR 21 DAYS)	
RAJWEST	1	135.00	120	28.68	120	21-Aug-19	1.58		BED MATERIAL LEAKAGE	
STPS	5	250.00	229	55.00	229	04-Jul-19	13.06		ANNUAL SHUTDOWN W.E.F. 11.07.19 FOR A PERIOD OF 20DAYS (IT WAS ALREADY UNDER BOXED UP CONDITION W.E.F. 13.06 HRS OF DT. 04.07.19) w.e.f.22.00 hrs./27.08.19 APH A PROBLEM	
STPS	1	250.00	229	55.00	229	08-Sep-19	11.00		SUSPECTED BOILER TUBE LEAKAGE	
CTPP	2	250.00	225	0.00	0	05-Sep-19	15.06	08-Sep-19	13.45	DUE TO BTL (BOXED UP FOR 48 HRS)
KTPS	4	210.00	192	0.00	0	08-Sep-19	20.09	08-Sep-19	23.47	DUE TO STUCK DA LEVEL CONTROL VALVE
Total(B)-STATE SECTOR-FORCED OUTAGE		1980.00	1770.00	324.68	1353.00					
CENTRAL SECTOR										
DADRI-II TFS	2	490.00	15	3.59	15	14-Aug-19	0.30		DUE TO ROTOR PROBLEM	
RHAND	4	500.00	58	13.80	58	17-Aug-19	11.24		taken out due to high turbine vibration	
Total(B)-CENTRAL SECTOR-		990.00	73.00	17.39	73.00					
G.TOTAL				342.07	1426.00					

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 (\$).