



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

<b>Power Position 25-Sep-18</b>	<b>Point No.</b>
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**1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -SEPT- 2018**

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2018
Sep-18										
01-Sep-18	2560.36	1983.31	2223.91	1639.45	0.61	14.44	9993	7870	49.98	302.14
02-Sep-18	2515.11	2018.79	2109.10	1691.88	18.13	19.89	9576	7826	50.01	234.22
03-Sep-18	2383.21	1965.88	2078.21	1686.85	19.04	23.15	9840	8039	49.98	245.43
04-Sep-18	2434.51	1881.98	2042.31	1801.88	4.72	-4.55	9677	8578	49.98	217.24
05-Sep-18	2388.98	1909.40	2088.96	1876.12	10.80	-8.01	9867	8790	49.96	239.83
06-Sep-18	2319.67	2000.23	2153.99	1937.40	12.07	-1.33	9749	8946	49.98	242.70
07-Sep-18	2258.92	2028.18	2172.17	1965.05	13.32	-14.34	9972	9133	49.97	230.28
08-Sep-18	2385.31	2035.60	2003.78	2038.08	-4.90	-16.80	9693	9527	49.96	122.98
09-Sep-18	2147.80	2220.10	1762.88	2109.22	7.38	-28.72	8102	9655	49.94	126.70
10-Sep-18	2066.97	2291.05	1822.45	2115.98	6.13	-3.87	8404	9643	49.94	228.53
11-Sep-18	2006.40	2125.09	1898.07	2111.25	21.34	-13.58	8396	9546	49.96	376.59
12-Sep-18	2099.59	2043.96	2011.99	1995.41	0.01	9.55	8916	9488	49.95	491.91
13-Sep-18	2125.48	1972.73	2094.31	2011.57	-0.17	-0.67	9218	9275	49.95	426.89
14-Sep-18	2359.06	1967.00	2129.74	1975.69	-1.52	29.45	9939	8999	49.95	313.20
15-Sep-18	2332.57	1806.01	2166.61	1920.02	-6.78	35.48	9936	8820	49.91	206.48
16-Sep-18	2299.90	1836.48	2141.68	2039.93	-0.46	37.80	10010	9655	49.93	71.37
17-Sep-18	2297.89	2036.98	2187.63	1987.77	14.94	13.02	9930	9054	49.98	100.62
18-Sep-18	2354.30	2068.97	2263.38	2089.79	18.92	20.25	10151	9787	49.99	196.85
19-Sep-18	2364.30	2022.57	2288.40	2139.72	-13.49	12.19	10350	9900	49.95	257.25
20-Sep-18	2480.08	2001.51	2296.12	2116.18	19.37	22.21	10578	9877	49.97	140.23
21-Sep-18	2470.40	2088.76	2301.02	2196.16	14.56	18.53	10612	9876	49.99	147.95
22-Sep-18	2396.94	2094.58	2041.92	2023.06	2.18	13.85	9752	9686	49.99	227.83
23-Sep-18	2198.75	2098.42	1770.31	1960.27	11.26	18.60	8680	9571	49.99	148.07
24-Sep-18	2171.86	2196.98	1814.88	1984.20	2.73	18.98	8620	9337	49.95	61.67
25-Sep-18	2114.37	1984.20								
26-Sep-18										
27-Sep-18										
28-Sep-18										
29-Sep-18										
30-Sep-18										
01-Oct-18										
01-Sep-18										
MAXIMUM OF THE MONTH	<b>2560.36</b>	<b>2291.05</b>	<b>2301.02</b>	<b>2196.16</b>	<b>21.34</b>	<b>37.80</b>	<b>10612.00</b>	<b>9900.00</b>	<b>50.01</b>	<b>491.91</b>
MIN OF THE MONTH	<b>2006.40</b>	<b>1806.01</b>	<b>1762.88</b>	<b>1639.45</b>	<b>-13.49</b>	<b>-28.72</b>	<b>8102.00</b>	<b>7826.00</b>	<b>49.91</b>	<b>61.67</b>
AVERAGE	<b>2301.31</b>	<b>2027.15</b>	<b>2077.66</b>	<b>1975.54</b>	<b>7.09</b>	<b>8.98</b>	<b>9581.71</b>	<b>9203.25</b>	<b>49.97</b>	<b>223.21</b>

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

11698

(08.15-08.30Hrs.)

05-Jun-18

MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD DURING THE FY 2017-18 (MW)

11564

(08.00-8.15Hrs.)

13-Jan-18

MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)

565.54

13-Jun-18

MAX.WIND DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

## 2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		24-Sep-18		
1	KTPS (1240/1240)	204.00	204.00	163.10
2	STPS (1500/1500)	211.00	165.00	131.79
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	31.00	31.00	30.11
5	RAPP-A(200/200)	36.00	36.00	37.43
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	3.04
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	288.00	330.00	278.22
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	408.00	408.00	331.18
11	WIND FARM (4137.20/4290.95)	240.00	63.50	61.67
12	SOLAR POWER(1656.70/2246.21)	118.14	104.81	127.70
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	2.00	4.00	2.14
17	BARSINGHAR LTPS(250/250)	0.00	14.00	11.46
18	RAJWEST (1080/1080)	201.00	201.00	149.63
	<b>TOTAL (A) : 1-18</b>	<b>1739.14</b>	<b>1561.31</b>	<b>1327.47</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	15.13	17.23	16.06
b)	DEHAR (198/ 990)	3.37	28.41	17.43
c)	PONG (231.66/396)	33.46	24.61	18.60
	<b>TOTAL : a TO c</b>	<b>51.96</b>	<b>70.26</b>	<b>52.09</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	96.86	95.93	87.61
e)	RIHAND (310.24/3000)	94.81	92.63	88.85
f)	UNCHAHAHAR-I(20/420)	8.83	5.48	4.42
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	24.76	20.34	14.87
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	17.39	14.48	8.51
j)	DADRI GAS (77/830)	2.04	2.44	2.15
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)	8.84	8.88	8.88
n)	RAPP-B (125/440)	30.98	30.90	30.90
o)	RAPP-C (88/440)	9.36	9.36	9.36
p)	SALAL (20.36/690)	4.68	4.28	4.47
q)	URI (70.37/720)	8.37	8.31	8.32
r)	TANAKPUR (10.86/94)	0.78	2.46	2.46
s)	CHAMERA –I (105.84/540)	23.89	24.23	23.72
t)	CHAMERA-II (29.01/300)	1.60	1.60	0.00
u)	CHAMERA-III (25.21/231)	0.00	0.00	0.00
v)	DHAULIGANGA (27/280)	6.18	5.76	6.08
w)	DULHASTI (42.42/390)	9.72	9.72	9.71
x)	SEWA (13/120)	3.25	3.25	3.25
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	31.29	27.44	31.86
z)	TEHRI (75/1000)	18.37	18.37	18.37
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	33.07	30.14	36.80
ab)	TALA	2.76	2.76	2.37
ac)	MUNDRA UMPP (380/4000)	62.98	50.03	35.61
ad)	SASAN (372/3960)	54.66	70.67	70.59
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.41	12.19	8.31
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	627.82	621.90	569.56
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>627.82</b>	<b>621.90</b>	<b>569.56</b>
21	BILATERAL (REG.) EXCL. BANKING	17.26	14.33	17.24
22	BANKING	-10.55	-10.55	-10.55
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	116.03	81.37	30.32
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-25.38
25	INDIAN ENERGY EXCHANGE	-375.33	-96.50	-96.50
	<b>TOTAL(B): (19 TO 25)</b>	<b>375.23</b>	<b>610.55</b>	<b>484.68</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1812.15</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			2.73
	<b>GRAND TOTAL</b>	<b>2114.37</b>	<b>2171.86</b>	<b>1814.88</b>
	LAST YEAR	2070.07	2196.98	1984.21

## 3. SYSTEM PARAMETERS AS ON 24-Sep-18

MAXIMUM DRAWL ON 24-Sep-18	8620 MW at 19.15-19.30 HRS. 49.86 HZ
MINIMUM DRAWL ON 24-Sep-18	6332 MW at 04.00-04.15 Hrs 50.02 HZ
Max U/D of the day	488 MW at 20.45-21.00 Hrs 49.98 HZ
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	1
No. of Violation Blocks Freq. < 49.7 Hz	1
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	14
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	9
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	21
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	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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 24-Sep-18	49.95 Hz
Max O/D of the day	763 MW at 14.00-14.15 Hrs 49.93 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	1.90
LESS THAN 49.90 HZ	20.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.80
ABOVE 50.05 HZ	2.70
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.	25-Sep-18	25-Sep-17		
Gandhi Sagar (Ft.)	1312	1250	1287.66	1301.38	NIL	28101
R.P.Sagar (Ft.)	1157.5	1128	1149.97	1146.10	NIL	nil
Jawahar Sagar (Ft.)	980	970.4	977.70	977.70	860	nil
Kota Barrage(Ft.)	854.5	852.3	853.50	853.40		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1658.45	1668.88	9886	74405
Dehar (Ft.)	2941	2900	2885.03	2934.18	3169	80609
Pong(Ft.)	1421	1260	1388.32	1381.10	9819	174035
Mahi-I (Mts.)	281.5	259	278.75	281.50	NIL	NA
Mahi-II (Mts.)	220.5	217	217.35	218.75	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
25-Sep-18	KTPS	119788	6 DAYS
	STPS	306793	12 DAYS
	CHHABRA	221703	29.5 DAYS
	KALISINDH	98326	7 DAYS

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

25-Sep-18

## (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	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVUNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	HRSG01	55.00	50	12.00	50	19-May-18	16.57			NON AVAILABILITY OF GAS(treated as boxed up w.e.f. 13.40 hrs./28.05.18 as GT#1 BOXED UP)
DCCPP	GT#1	110.00	100	24.00	100	01-Jul-18	13.29			BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	01-Jul-18	13.24			BOXED UP
KTPS	6	195.00	175	42.00	175	15-Sep-18	0.01			DESYNCHRONIZED FOR 15 DAYS ANNUAL SHUTDOWN MAINTENANCE WORK
STPS	5	250.00	229	55.00	229	22-Sep-18	0.16			BOXED UP
STPS	4	250.00	229	55.00	229	22-Sep-18	12.46			BOXED UP
STPS	3	250.00	229	4.81	0	23-Sep-18	0.05	25-Sep-18	2.06	BOX UP
RAMGARH	GT#2	37.50	29	7.00	29	23-Sep-18	1.10			NON AVAILABILITY OF GAS
Total(A)STATE SECTOR-PLANNED OUTAGE		1437.50	1261.00	252.61	1032.00					
CENTRAL SECTOR										
ANTA-GPS	2	88.71	31	7.50	31	27-Jun-18	10.24			RESERVE SHUTDOWN
AURAIYA-GPS	2	111.19	18	0.00	0	10-Aug-18	12.14	22-Sep-18	17.15	RESERVE SHUTDOWN
AURAIYA-GPS	4	111.19	18	4.40	18	24-Aug-18	15.21			RESERVE SHUTDOWN
AURAIYA-GPS	6	109.30	12	2.90	12	24-Aug-18	15.52			RESERVE SHUTDOWN
RAPSC	1	220.00	44	10.50	44	05-Sep-18	1.20			ANNUAL MAINTENANCE
DADBRI-GPS	2	130.19	22	5.30	22	05-Sep-18	0.04			RESERVE SHUTDOWN
DADBRI-GPS	4	130.19	22	0.00	0	22-Sep-18	10.05	24-Sep-18	18.45	RESERVE SHUTDOWN
ANTA-GPS	1	88.71	31	0.00	0	22-Sep-18	10.12	24-Sep-18	23.51	RESERVE SHUTDOWN
ANTA-GPS	4	153.20	34	0.00	0	22-Sep-18	10.18	24-Sep-18	22.46	RESERVE SHUTDOWN
AURAIYA-GPS	5	109.30	12	0.00	0	22-Sep-18	10.27	24-Sep-18	21.40	RESERVE SHUTDOWN
ANTA-GPS	3	88.71	31	0.00	0	22-Sep-18	10.46	24-Sep-18	19.18	RESERVE SHUTDOWN
AURAIYA-GPS	1	111.19	18	0.00	0	22-Sep-18	10.50	24-Sep-18	17.34	RESERVE SHUTDOWN
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		1451.88	293.00	30.60	127.00					

## (B) FORCE OUTAGE

## STATE SECTOR

## STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE				
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4
KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31			DUE TO GENERATOR TRIP
KTPS	1	110.00	100	23.00	100	31-May-18	17.25			DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
BARSINGSAR	1	125.00	110	26.40	110	15-Sep-18	14.59			REFRACTORY FAILURE
RAJWEST	5	135.00	120	28.68	120	24-Sep-18	0.30			BED MATERIAL LEAKAGE
RAJWEST	8	135.00	120	0.00	0	24-Sep-18	11.23	24-Sep-18	13.11	BED MATERIAL LEAKAGE
CHHABRA	3	250.00	225	54.00	225	24-Sep-18	16.03			BOILER TUBE LEAKAGE
BARSINGSAR	2	125.00	110	26.40	110	24-Sep-18	18.35			REFRACTORY FAILURE
Total(B)STATE SECTOR-FORCED OUTAGE		1605.00	1420.00	310.88	1300.00					

## CENTRAL SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE				
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNANCE PRESSURE HIGH
RHAND	5	500.00	75	18.00	75	23-Sep-18	1.30			BOILER TUBE LEAKAGE
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1000.00	75.00	18.00	75.00					
G.TOTAL			328.88	1375.00						

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 (\$).