



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

<b>Power Position 11-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		
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								
12-Sep-18										
13-Sep-18										
14-Sep-18										
15-Sep-18										
16-Sep-18										
17-Sep-18										
18-Sep-18										
19-Sep-18										
20-Sep-18										
21-Sep-18										
22-Sep-18										
23-Sep-18										
24-Sep-18										
25-Sep-18										
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>2223.91</b>	<b>2115.98</b>	<b>19.04</b>	<b>23.15</b>	<b>9993.00</b>	<b>9655.00</b>	<b>50.01</b>	<b>302.14</b>
MIN OF THE MONTH	<b>2006.40</b>	<b>1881.98</b>	<b>1762.88</b>	<b>1639.45</b>	<b>-4.90</b>	<b>-28.72</b>	<b>8102.00</b>	<b>7826.00</b>	<b>49.94</b>	<b>122.98</b>
AVERAGE	<b>2315.20</b>	<b>2041.78</b>	<b>2045.78</b>	<b>1886.19</b>	<b>8.73</b>	<b>-2.01</b>	<b>9487.30</b>	<b>8800.70</b>	<b>49.97</b>	<b>219.01</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
		10-Sep-18		
1	KTPS (1240/1240)	195.00	176.00	128.48
2	STPS (1500/1500)	55.00	55.00	45.16
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	33.00	31.04
5	RAPP-A(200/200)	36.00	36.00	35.90
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	6.64
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	188.00	240.00	202.03
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	336.73
11	WIND FARM (4137.20/4290.95)	448.50	233.00	228.53
12	SOLAR POWER(1656.70/2246.21)	80.29	81.77	100.62
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)	3.00	3.00	3.18
17	BARSINGHAR LTPS(250/250)	52.00	52.00	45.67
18	RAJWEST (1080/1080)	201.00	201.00	197.15
	<b>TOTAL (A) : 1-18</b>	<b>1714.79</b>	<b>1532.77</b>	<b>1361.13</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	30.50	30.81	30.47
b)	DEHAR (198/ 990)	27.82	28.31	27.72
c)	PONG (231.66/396)	31.03	31.58	31.12
	<b>TOTAL : a TO c</b>	<b>89.34</b>	<b>90.70</b>	<b>89.31</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	87.61	87.08	87.25
e)	RIHAND (310.24/3000)	122.77	121.13	121.33
f)	UNCHAHAHAR-I(20/420)	2.04	2.52	1.74
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	15.04	17.23	11.75
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	11.95	13.55	8.66
j)	DADRI GAS (77/830)	3.98	4.67	7.92
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)	8.80	7.80	7.80
n)	RAPP-B (125/440)	31.18	31.10	31.10
o)	RAPP-C (88/440)	9.58	9.58	9.58
p)	SALAL (20.36/690)	4.44	4.41	4.26
q)	URI (70.37/720)	7.87	8.00	8.09
r)	TANAKPUR (10.86/94)	2.45	2.45	2.41
s)	CHAMERA –I (105.84/540)	15.91	17.03	16.49
t)	CHAMERA-II (29.01/300)	6.63	6.63	6.63
u)	CHAMERA-III (25.21/231)	5.75	5.57	5.29
v)	DHAULIGANGA (27/280)	6.21	6.21	6.21
w)	DULHASTI (42.42/390)	9.68	9.66	9.68
x)	SEWA (13/120)	0.39	0.83	0.57
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	32.81	35.42	35.42
z)	TEHRI (75/1000)	7.15	7.14	7.13
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	19.66	18.47	18.72
ab)	TALA	3.42	2.88	3.28
ac)	MUNDRA UMPP (380/4000)	70.15	70.15	70.15
ad)	SASAN (372/3960)	83.93	83.93	83.93
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.82	27.32	23.55
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	689.56	691.45	678.25
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>689.56</b>	<b>691.45</b>	<b>678.25</b>
21	BILATERAL (REG.) EXCL. BANKING	21.25	21.23	21.23
22	BANKING	-10.56	-10.56	-10.56
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	116.06	116.06	64.65
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-14.40
25	INDIAN ENERGY EXCHANGE	-524.71	-283.98	-283.98
	<b>TOTAL(B): (19 TO 25)</b>	<b>291.61</b>	<b>534.20</b>	<b>455.19</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1816.32</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			6.13
	<b>GRAND TOTAL</b>	<b>2006.40</b>	<b>2066.97</b>	<b>1822.45</b>
	LAST YEAR	2125.09	2291.05	2115.99

## 3. SYSTEM PARAMETERS AS ON 10-Sep-18

MAXIMUM DRAWL ON 10-Sep-18	8404 MW at 07.30-07.45 Hrs 50.02 HZ
MINIMUM DRAWL ON 10-Sep-18	6455 MW at 04.00-04.15 Hrs 49.92 HZ
Max U/D of the day	508 MW at 19.15-19.30 Hrs 49.86 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	21
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	14
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	59
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	15
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
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 10-Sep-18	49.94 Hz
Max O/D of the day	814 MW at 14.00-14.15 Hrs 49.92 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	23.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.40
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.	11-Sep-18	11-Sep-17		
Gandhi Sagar (Ft.)	1312	1250	1284.53	1299.50	NIL	5961
R.P.Sagar (Ft.)	1157.5	1128	1149.34	1145.34	NIL	5324
Jawahar Sagar (Ft.)	980	970.4	974.00	974.00	3564	1596
Kota Barrage(Ft.)	854.5	852.3	851.70	852.30		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1649.00	1672.73	19438	29982
Dehar (Ft.)	2941	2900	2924.80	2926.31	8467	14192
Pong(Ft.)	1421	1260	1375.89	1383.27	11505	19806
Mahi-I (Mts.)	281.5	259	277.90	281.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.40	220.00	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-Sep-18	KTPS	152572	8 DAYS
	STPS	244432	10 DAYS
	CHHABRA	179084	24 DAYS
	KALISINDH	147906	10.5 DAYS

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

11-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 (S/D W.E.F.15.07.14)
DCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.35				BOXED UP(PERMISSION GIVEN BY BU/VNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END.)
DCPP	HRSG1	55.00	50	12.00	50	19-May-18	16.57				NON AVAILABILITY OF GAS(treated as boxed up w.c.f. 13.40 hrs./28.05.18 as GTF1 BOXED UP)
DCPP	GT1	110.00	100	24.00	100	01-Jul-18	13.29				BOXED UP
DCPP	GT2	110.00	100	24.00	100	01-Jul-18	13.24				BOXED UP
STPS	3	250.00	229	55.00	229	22-Aug-18	13.09				BOXED UP
STPS	1	250.00	229	55.00	229	02-Sep-18	12.56				BOXED UP
STPS	5	250.00	229	55.00	229	02-Sep-18	14.46				BOXED UP
STPS	4	250.00	229	55.00	229	08-Sep-18	21.57				BOXED UP
STPS	6	250.00	229	55.00	229	09-Sep-18	11.31				BOXED UP
KTPS	6	195.00	175	8.00	0	10-Sep-18	13.06	10-Sep-18	18.35		BOXED UP
Total(A)STATE SECTOR-PLANNED OUTAGE			1900.00	1690.00	363.80	1515.00					
CENTRAL SECTOR											
ANTA GPS	2	88.71	31	7.50	31	27-Jun-18	10.24				RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	07-Jul-18	12.10				RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	07-Jul-18	12.16				RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	07-Jul-18	12.46				RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	10-Aug-18	6.08				RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	10-Aug-18	12.08				RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	10-Aug-18	12.14				RESERVE SHUTDOWN
UNCHABAR	2	210.00	24	5.70	24	19-Aug-18	2.09				ANNUAL MAINTENANCE (FUEL SHORTAGE)
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
AURAIYA GPS	3	111.19	18	4.40	18	24-Aug-18	16.00				RESERVE SHUTDOWN
JHAJAR(SITP)	3	500.00	5	1.20	5	02-Sep-18	10.15				RESERVE SHUTDOWN
JHAJAR(SITP)	2	500.00	5	0.00	0	04-Sep-18	9.00	10-Sep-18	5.17		RESERVE SHUTDOWN
RAPS-C	1	220.00	44	10.50	44	05-Sep-18	1.20				ANNUAL MAINTENANCE
DABRI GPS	2	130.19	22	5.30	22	05-Sep-18	0.04				RESERVE SHUTDOWN
DABRI GPS	5	154.51	22	5.30	22	05-Sep-18	1.45				RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.30	22	05-Sep-18	1.54				RESERVE SHUTDOWN
Total(A)CENTRAL SECTOR-PLANNED OUTAGE			2927.58	367.00	87.40	362.00					
(B) FORCE OUTAGE											
STATE SECTOR											
CITY SITE											
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
KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31				DUE TO GENERATOR TRF TRIP
KTPS	1	110.00	100	23.00	100	31-May-18	17.25				DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
RAJWEST	6	135.00	120	28.68	120	01-Sep-18	19.06				BED MATERIAL LEAKAGE
RAMGARH	GT1	35.50	29	7.00	29	05-Sep-18	9.51				NON AVAILABILITY OF GAS
KTPS	2	110.00	100	4.00	0	07-Sep-18	9.16	11.09.2018	3.16		BOILER TUBE LEAKAGE
KTPS	4	210.00	192	46.00	192	07-Sep-18	11.26				DESYNCHRONISED DUE TO CONDENSER CLEANING FOR 4-5 DAYS
CHHABRA	4	250.00	225	54.00	225	09-Sep-18	18.30				PROBLEM IN APIH
CHHABRA	3	250.00	225	54.00	225	10-Sep-18	13.37				BOILER TUBE LEAKAGE
KTPS	3	210.00	192	8.00	0	10-Sep-18	13.57	10-Sep-18	17.41		COAL MILL PROBLEM
Total(B)STATE SECTOR-FORCED OUTAGE			2035.50	1818.00	369.88	1526.00					
CENTRAL SECTOR											
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNACE PRESSURE HIGH
SINGRAULI	5	200.00	34	8.20	34	08-Sep-18	16.07				TURBINE PROBLEM
Total(B)CENTRAL SECTOR-FORCED OUTAGE			700.00	34.00	8.20	34.00					
G.TOTAL				377.28	1560.00						

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 (\$).