



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

Power Position 18-Sep-18	Point No.
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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								
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	2560.36	2291.05	2223.91	2115.98	21.34	37.80	10010.00	9655.00	50.01	491.91
MIN OF THE MONTH	2006.40	1806.01	1762.88	1639.45	-6.78	-28.72	8102.00	7826.00	49.91	71.37
AVERAGE	2296.45	2010.65	2063.99	1935.50	6.74	5.35	9483.41	8990.82	49.96	245.71

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
		17-Sep-18		
1	KTPS (1240/1240)	204.00	204.00	186.93
2	STPS (1500/1500)	220.00	220.00	186.36
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	32.00	32.00	24.78
5	RAPP-A(200/200)	42.00	42.00	44.46
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.44
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	346.00	346.00	340.33
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	414.00	420.00	405.97
11	WIND FARM (4137.20/4290.95)	115.50	90.50	100.62
12	SOLAR POWER(1656.70/2246.21)	120.99	120.58	114.54
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)	5.00	6.00	4.69
17	BARSINGHAR LTPS(250/250)	25.00	26.00	24.78
18	RAJWEST (1080/1080)	201.00	201.00	199.51
	TOTAL (A) : 1-18	1725.49	1708.08	1634.41
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	31.65	31.59	31.59
b)	DEHAR (198/ 990)	24.03	26.76	24.81
c)	PONG (231.66/396)	34.33	33.41	32.95
	TOTAL : a TO c	90.01	91.76	89.35
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	95.00	93.94	94.53
e)	RIHAND (310.24/3000)	117.40	121.40	118.71
f)	UNCHAHAHAR-I(20/420)	4.04	2.92	2.83
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	14.86	21.66	16.51
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.95	11.39	5.38
j)	DADRI GAS (77/830)	3.11	5.56	3.83
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	8.71	8.71
n)	RAPP-B (125/440)	31.10	31.18	31.18
o)	RAPP-C (88/440)	9.35	9.35	9.35
p)	SALAL (20.36/690)	2.06	2.08	2.47
q)	URI (70.37/720)	7.99	8.37	7.38
r)	TANAKPUR (10.86/94)	2.42	2.45	2.45
s)	CHAMERA –I (105.84/540)	9.29	9.63	9.63
t)	CHAMERA-II (29.01/300)	4.32	4.28	3.75
u)	CHAMERA-III (25.21/231)	3.05	3.07	2.89
v)	DHAULIGANGA (27/280)	4.97	5.30	4.66
w)	DULHASTI (42.42/390)	9.66	9.69	9.69
x)	SEWA (13/120)	0.39	0.52	0.42
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	21.18	22.79	21.48
z)	TEHRI (75/1000)	3.97	4.60	3.97
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	11.45	13.39	13.95
ab)	TALA	3.49	3.57	3.54
ac)	MUNDRA UMPP (380/4000)	79.57	77.65	78.58
ad)	SASAN (372/3960)	69.13	69.35	69.35
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.00	22.29	22.84
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	641.52	656.90	637.43
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	641.52	656.90	637.43
21	BILATERAL (REG.) EXCL. BANKING	11.81	12.99	12.99
22	BANKING	-10.56	-10.56	-10.56
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	92.83	92.83	92.83
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-32.07
25	INDIAN ENERGY EXCHANGE	-106.79	-162.35	-162.35
	TOTAL(B): (19 TO 25)	628.81	589.81	538.28
	TOTAL GENERATION (A +B) : 1 TO 25			2172.69
	OVER DRAWAL (+)/UNDER DRAWAL (-)			14.94
	GRAND TOTAL	2354.30	2297.89	2187.63
	LAST YEAR	2068.97	2036.98	1987.77

3. SYSTEM PARAMETERS AS ON 17-Sep-18

MAXIMUM DRAWL ON 17-Sep-18	9980 MW at 07.15-07.30 Hrs 49.97 HZ
MINIMUM DRAWL ON 17-Sep-18	8124 MW at 04.00-04.15 Hrs 50.03 HZ
Max U/D of the day	453 MW at 09.00-09.15 Hrs 50.00 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	3
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	50
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	13
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	40
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
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 17-Sep-18	49.98 Hz
Max O/D of the day	524 MW at 13.45-14.00 HRS 50.01 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	85.20
ABOVE 50.05 HZ	9.20
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.	18-Sep-18	18-Sep-17		
Gandhi Sagar (Ft.)	1312	1250	1284.87	1299.80	NIL	2827
R.P.Sagar (Ft.)	1157.5	1128	1149.56	1145.55	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.50	974.72	3198	2780
Kota Barrage(Ft.)	854.5	852.3	853.70	852.00		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1651.55	1669.97	20541	21078
Dehar (Ft.)	2941	2900	2922.76	2922.57	6947	7294
Pong(Ft.)	1421	1260	1377.12	1382.15	12200	6666
Mahi-I (Mts.)	281.5	259	278.50	281.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.40	217.65	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
18-Sep-18	KTPS	149018	7.5 DAYS
	STPS	228808	9 DAYS
	CHHABRA	180879	24 DAYS
	KALISINDH	142410	10 DAYS

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

18-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
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
KTPS	6	195.00	175	42.00	175	15-Sep-18	0.01			DESYNCHRONIZED FOR 15 DAYS ANNUAL SHUTDOWN MAINTENANCE WORK
RAMGARH	GT#1	35.50	29	7.00	29	05-Sep-18	9.51			NON AVAILABILITY OF GAS
RAMGARH	STG#2	50.00	40	2.50	0	17-Sep-18	6.22	18-Sep-18	6.18	NON AVAILABILITY OF GAS
Total(A)-STATE SECTOR-PLANNED OUTAGE			1235.50	1072.00	250.30	1032.00				
CENTRAL SECTOR										
ANTA-GPS	2	88.71	31	7.50	31	27-Jun-18	10.24			RESERVE SHUTDOWN
ANTA-GPS	3	88.71	31	0.00	0	07-Jul-18	12.10	15-Sep-18	22.49	RESERVE SHUTDOWN
ANTA-GPS	4	153.20	34	0.00	0	07-Jul-18	12.16	15-Sep-18	22.12	RESERVE SHUTDOWN
ANTA-GPS	1	88.71	31	0.00	0	07-Jul-18	12.46	15-Sep-18	18.56	RESERVE SHUTDOWN
AURAIYA-GPS	1	111.19	18	0.00	0	10-Aug-18	6.08	17-Sep-18	12.59	RESERVE SHUTDOWN
AURAIYA-GPS	5	109.30	12	0.00	0	10-Aug-18	12.08	17-Sep-18	14.37	RESERVE SHUTDOWN
AURAIYA-GPS	2	111.19	18	0.00	0	10-Aug-18	12.14	17-Sep-18	14.53	RESERVE SHUTDOWN
UNCHAHAR	2	210.00	24	0.00	0	19-Aug-18	2.09	17-Sep-18	13.59	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
JHAJJAR(STPP)	3	500.00	5	0.00	0	02-Sep-18	10.15	16-Sep-18	20.55	RESERVE SHUTDOWN
RAPSC	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	0.00	0	05-Sep-18	1.45	17-Sep-18	18.16	RESERVE SHUTDOWN
DABRI-GPS	1	130.19	22	5.30	22	05-Sep-18	1.54			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			2427.58	362.00	40.30	167.00				
(B) FORCE OUTAGE										
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
KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31			DUE TO GENERATOR TRIP 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
BARSINGAR	1	125.00	110	26.40	110	15-Sep-18	14.59			REFRACTORY FAILURE
Total(B)-STATE SECTOR-FORCED OUTAGE			1095.00	965.00	230.48	965.00				
CENTRAL SECTOR										
UNCHAHAR	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			238.68	999.00						

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 (\$).