



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

Power Position 07-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		
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								
08-Sep-18										
09-Sep-18										
10-Sep-18										
11-Sep-18										
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	2560.36	2028.18	2223.91	1937.40	19.04	23.15	9993.00	8946.00	50.01	302.14
MIN OF THE MONTH	2258.92	1881.98	2042.31	1639.45	0.61	-8.01	9576.00	7826.00	49.96	217.24
AVERAGE	2408.68	1969.68	2116.08	1772.26	10.90	7.27	9783.67	8341.50	49.98	246.93

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
		6-Sep-18		
1	KTPS (1240/1240)	201.00	246.00	195.41
2	STPS (1500/1500)	55.00	55.00	44.14
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	32.00	31.33
5	RAPP-A(200/200)	42.00	36.00	39.20
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	2.34
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	344.00	262.22
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	316.00	310.66
11	WIND FARM (4137.20/4290.95)	153.25	222.00	242.70
12	SOLAR POWER(1656.70/2246.21)	115.75	104.76	118.32
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	20.30
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	2.00	3.00	1.45
17	BARSINGHAR LTPS(250/250)	52.00	26.00	25.74
18	RAJWEST (1080/1080)	201.00	201.00	154.99
	TOTAL (A) : 1-18	1496.00	1585.76	1448.80
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	30.58	30.96	30.57
b)	DEHAR (198/ 990)	28.27	28.33	28.31
c)	PONG (231.66/396)	33.02	33.11	33.11
	TOTAL : a TO c	91.87	92.40	91.99
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.96	83.59	87.13
e)	RIHAND (310.24/3000)	123.08	123.08	123.24
f)	UNCHAHAHAR-I(20/420)	2.69	2.60	2.21
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	19.56	18.02	14.48
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.29	15.15	7.53
j)	DADRI GAS (77/830)	5.11	5.13	4.33
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)	8.71	8.80	8.80
n)	RAPP-B (125/440)	29.27	29.44	29.44
o)	RAPP-C (88/440)	9.59	9.59	9.59
p)	SALAL (20.36/690)	4.69	4.68	4.60
q)	URI (70.37/720)	8.32	8.38	7.68
r)	TANAKPUR (10.86/94)	2.42	2.40	2.37
s)	CHAMERA –I (105.84/540)	17.15	16.14	16.14
t)	CHAMERA-II (29.01/300)	6.64	6.64	6.46
u)	CHAMERA-III (25.21/231)	5.24	5.24	5.00
v)	DHAULIGANGA (27/280)	6.18	6.22	6.22
w)	DULHASTI (42.42/390)	9.69	9.68	9.68
x)	SEWA (13/120)	0.52	0.83	0.83
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.49	35.49	35.49
z)	TEHRI (75/1000)	18.38	18.38	18.38
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	27.04	29.79	29.01
ab)	TALA	3.48	3.53	3.50
ac)	MUNDRA UMPP (380/4000)	47.61	45.60	42.31
ad)	SASAN (372/3960)	68.90	84.01	83.24
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.48	18.15	12.14
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	684.37	682.95	661.79
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	684.37	682.95	661.79
21	BILATERAL (REG.) EXCL. BANKING	24.21	24.21	24.21
22	BANKING	-10.55	-10.55	-10.55
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	109.08	71.37	73.11
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-21.38
25	INDIAN ENERGY EXCHANGE	-44.20	-34.07	-34.07
	TOTAL(B): (19 TO 25)	762.92	733.91	693.12
	TOTAL GENERATION (A +B) : 1 TO 25			2141.92
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.07
	GRAND TOTAL	2258.92	2319.67	2153.99
	LAST YEAR	2028.18	2000.23	1937.40

3.SYSTEM PARAMETERS AS ON 06-Sep-18

MAXIMUM DRAWL ON 06-Sep-18	9749 MW at 07.30-07.45 Hrs 50.00 HZ
MINIMUM DRAWL ON 06-Sep-18	8105 MW at 04.00-04.15 Hrs 50.00 HZ
Max U/D of the day	523 MW at 20.45-21.00 Hrs 49.91 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	0
No. of Blocks in which Freq. >= 49.9 & < 50.0 Hz	59
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.0 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.0 Hz	6
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	34
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	0
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	0
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	7-Sep-18	7-Sep-17		
Gandhi Sagar (Ft.)	1312	1250	1282.98	1299.52	NIL	1451
R.P.Sagar (Ft.)	1157.5	1128	1146.79	1145.64	NIL	5034
Jawahar Sagar (Ft.)	980	970.4	972.60	971.60	NIL	784
Kota Barrage(Ft.)	854.5	852.3	851.10	852.70		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1646.31	1672.86	19775	32286
Dehar (Ft.)	2941	2900	2923.95	2929.85	8635	15303
Pong(Ft.)	1421	1260	1374.72	1383.55	12202	20503
Mahi-I (Mts.)	281.5	259	277.85	281.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.40	219.75	NIL	NIL

5.POSITION OF COAL STOCK (In MT)

6-SEP-18		49.98 HZ		Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
AVERAGE FREQ. FOR THE DAY	Max O/D of the day	Frequency Profile	% of Time				
6-SEP-18	716 MW at 13.15-13.30 Hrs 50.02 HZ	LESS THAN 49.7 HZ	0.00	7-Sep-18	KTPS	132774	6.5 DAYS
		LESS THAN 49.9 HZ	7.50				
		OPERATING RANGE (49.90 HZ TO 50.05 HZ)	85.50		STPS	208044	8.5 DAYS
		ABOVE 50.05 HZ	7.00				
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		CHHABRA	193061	25.5 DAYS
No. of 132 KV Feeders Disconnected	0						
				KALISINDH	151182	11 DAYS	

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

7-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	16.8	70	11-Jun-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCPP	HRSR2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END.)
DCPP	HRSR1	55.00	50	12.0	50	19-May-18	16.57			NON AVAILABILITY OF GAS(reated as based on w.e.f. 13.40 hrs.28.05.18 as GTBI BOXED UP)
DCPP	GT01	110.00	100	24.0	100	01-Jul-18	13.29			BOXED UP
DCPP	GT02	110.00	100	24.0	100	01-Jul-18	13.24			BOXED UP
STPS	3	250.00	229	55.0	229	22-Aug-18	13.09			BOXED UP
STPS	6	250.00	229	55.0	229	23-Aug-18	9.54			BOXED UP
STPS	4	250.00	229	55.0	229	30-Aug-18	12.49			BOXED UP
STPS	1	250.00	229	55.0	229	02-Sep-18	12.56			BOXED UP
STPS	5	250.00	229	55.0	229	02-Sep-18	14.46			BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE			1705.00	1515.00	363.80	1515.00				

CENTRAL SECTOR

ANTA GFS	2	88.71	31	7.5	31	27-Jun-18	10.24			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.5	31	07-Jul-18	12.10			RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.2	34	07-Jul-18	12.16			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.5	31	07-Jul-18	12.46			RESERVE SHUTDOWN
AURAYVA GFS	1	111.19	18	4.4	18	10-Aug-18	6.08			RESERVE SHUTDOWN
AURAYVA GFS	5	109.30	12	2.9	12	10-Aug-18	12.08			RESERVE SHUTDOWN
AURAYVA GFS	2	111.19	18	4.4	18	10-Aug-18	12.14			RESERVE SHUTDOWN
UNCHARBAR	2	210.00	24	5.7	24	19-Aug-18	2.09			ANNUAL MAINTENANCE (FUEL SHORTAGE)
AURAYVA GFS	4	111.19	18	4.4	18	24-Aug-18	15.21			RESERVE SHUTDOWN
AURAYVA GFS	6	109.30	12	2.9	12	24-Aug-18	15.52			RESERVE SHUTDOWN
AURAYVA GFS	3	111.19	18	4.4	18	24-Aug-18	16.00			RESERVE SHUTDOWN
JHAJARISTPP	2	500.00	5	1.2	5	26-Aug-18	23.11			FUEL SHORTAGE COAL SHORTAGE
DABRI GFS	3	130.19	22	5.3	22	27-Aug-18	21.07			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DABRI GAS
DABRI GFS	6	154.51	14	3.3	14	27-Aug-18	21.09			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DABRI GAS
DABRI GFS	4	130.19	22	5.3	22	27-Aug-18	21.16			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DABRI GAS
DABRI GFS	2	130.19	22	5.3	22	27-Aug-18	21.21			REVERSE SHUTDOWN AFTER COMPLE TESTING AT DABRI GAS
JHAJARISTPP	3	500.00	5	1.2	5	02-Sep-18	10.15			RESERVE SHUTDOWN
JHAJARISTPP	2	500.00	5	1.2	5	04-Sep-18	9.00			RESERVE SHUTDOWN
RAFSC	2	220.00	44	10.5	44	05-Sep-18	1.20			ANNUAL MAINTENANCE
DABRI GFS	2	130.19	22	5.30	22	05-Sep-18	0.04			REVERSE SHUTDOWN
DABRI GFS	5	154.51	22	5.30	22	05-Sep-18	1.45			REVERSE SHUTDOWN
DABRI GFS	1	130.19	22	5.30	22	05-Sep-18	1.54			REVERSE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			3883.95	421.00	101.50	421.00				

(B) FORCED OUTAGE

STATE SECTOR

GIRAL	2	125.00	70	16.8	70	27-Jun-16	15.27			DESYNCRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOL-4
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31			DUE TO GENERATOR TRIP TRIP
KTPS	1	110.00	100	23.0	100	31-May-18	17.25			DESYNCRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
BARSINGAR	2	125.00	110	0.0	0	31-May-18	18.00			TO ATTEND REFRACTORY
RAJWEST	6	135.00	120	28.7	120	01-Sep-18	19.06			BED MATERIAL LEAKAGE
RAMGARH	GT01	35.50	29	7.0	29	05-Sep-18	9.51			NON AVAILABILITY OF GAS
KALISINDH	1	600.00	565	0.0	0	06-Sep-18	5.13	06-Sep-18	9.45	DUE TO FLAME LOSS
CHABBRA	5	600.00	600	0.0	0	06-Sep-18	13.06	06-Sep-18	16.01	FEED WATER AT ECO INLET LOW
CHABBRA	5	600.00	600	148.0	600	06-Sep-18	16.10			RAPH PROBLEM
BARSINGAR	2	125.00	110	0.0	0	06-Sep-18	19.58	06-Sep-18	22.23	DUE TO TURBINE PROTECTION
KTPS	7	195.00	175	42.0	175	07-Sep-18	7.51			AWAITED
Total(B)-STATE SECTOR-FORCED OUTAGE			3378.50	3044.00	401.80	1659.00				

CENTRAL SECTOR

UNCHARBAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
SINGROLI STPS	2	200.00	34	8.20	34	04-Sep-18	14.17			BOILER TUBE LEAKAGE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			700.00	34.00	8.20	34.00				

G.TOTAL 409.28 1693.00

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 (\$).