



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

Power Position 11-Sep-19	Point No.
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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	2326.45	1762.88	-36.52	7.38	10593	8102	49.96	75.80
10-Sep-19	2542.36	2066.97	2463.60	1822.45	-27.92	6.13	11154	8404	49.99	173.53
11-Sep-19	2671.11	2006.40								
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	2671.11	2560.36	2463.60	2230.91	7.41	19.04	11154.00	9993.00	50.02	173.53
MIN OF THE MONTH	2391.03	2006.40	2031.70	1762.88	-36.52	-4.90	9161.00	8102.00	49.96	28.95
AVERAGE	2479.79	2315.20	2226.15	2046.48	-20.50	8.73	10052.20	9487.30	50.00	72.58
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2797.55	11-Jun-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							12620	(23.15-23.30 Hrs.)	07-Jun-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							742.55	14-Jul-19		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		

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
		9-Sep-19			10-Sep-19		
1	KTPS (1240/1240)	227.00	219.00	184.09	269.00	227.00	187.42
2	STPS (1500/1500)	54.00	54.00	44.61	54.00	54.00	45.19
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.51	21.00	21.00	20.22
5	RAPP-A(200/200)	36.00	36.00	39.78	36.00	36.00	39.42
6	MAHI (140/140)	0.00	0.00	16.96	0.00	0.00	16.97
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	47.46	0.00	0.00	50.40
8	SSCTPS#7	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	411.00	416.00	387.05	408.00	411.00	352.56
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	415.00	415.00	339.40	415.00	415.00	368.44
11	WIND FARM (4139.20/4292.95)	125.00	64.00	75.80	163.00	125.00	173.53
12	SOLAR POWER(1661.70/2250.16)	163.84	142.42	169.78	169.79	163.84	170.54
13	CAPTIVE POWER PLANTS	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
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	6.00	5.91	5.00	6.00	4.86
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	50.30	51.00	51.00	50.53
18	RAJWEST (1080/1080)	201.00	201.00	176.65	201.00	201.00	192.46
	TOTAL (A) : 1-18	1710.84	1625.42	1558.30	1792.79	1710.84	1672.54
19	BBMB COMPLEX						
a)	BHAKRA(230.79/1516.3)	51.15	50.63	50.91	51.53	51.15	51.45
b)	DEHAR (198/ 990)	27.65	26.63	25.99	26.85	27.65	27.28
c)	PONG (231.66/396)	33.88	33.88	33.88	33.88	33.88	33.88
	TOTAL : a TO c	112.68	111.14	110.78	112.27	112.68	112.61
20	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	83.31	73.93	76.43	83.41	83.31	81.77
e)	RIHAND (310.24/3000)	104.41	104.43	104.43	104.41	104.41	104.41
f)	UNCHAHAR-I(20/420)	1.46	4.08	0.22	4.04	1.46	0.98
g)	UNCHAHAR-II& III & IV(135.09/1130)	11.00	30.78	4.24	30.23	11.00	9.70
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	2.04	6.28	1.45	5.69	2.04	1.04
j)	DADRI GAS (77/830)	1.04	1.59	0.53	3.14	1.04	0.73
k)	ANTA (83.07/419)	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
m)	NAPP (44/440)	0.00	9.78	9.78	8.76	0.00	5.00
n)	RAPP-B (125/440)	28.38	28.46	28.46	28.38	28.38	28.38
o)	RAPP-C (88/440)	17.68	19.07	19.07	19.07	17.68	17.68
p)	SALAL (20.36/690)	4.81	4.81	4.81	4.81	4.81	4.78
q)	URI (70.37/720)	13.97	14.39	11.95	12.34	13.97	11.70
r)	TANAKPUR (10.86/94)	2.43	2.43	2.44	2.40	2.43	2.44
s)	CHAMERA –I (105.84/540)	16.32	16.32	16.32	16.32	16.32	16.32
t)	CHAMERA-II (29.01/300)	0.00	0.47	0.00	0.00	0.00	0.00
u)	CHAMERA-III (25.21/231)	3.90	3.90	3.90	3.90	3.90	3.90
v)	DHAULIGANGA (27/280)	6.23	6.23	6.23	6.23	6.23	6.23
w)	DULHASTI (42.42/390)	8.17	8.17	8.17	8.17	8.17	8.17
x)	SEWA (13/120)	0.85	1.06	1.06	0.74	0.85	0.85
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	36.02	36.02	36.02	36.02	36.02	36.02
z)	TEHRI (75/1000)	11.85	11.85	11.85	11.85	11.85	11.85
aa)	KOTESHWAR (33.44/400) + PARBATI3 (58.73/520)+KOLDAM (85.73/800)	30.66	30.64	29.96	28.70	30.66	28.16
ab)	TALA	3.45	3.45	3.42	3.27	3.45	3.09
ac)	MUNDRA UMPP (380/4000)	70.75	67.35	67.35	76.76	70.75	72.05
ad)	SASAN (372/3960)	85.43	85.89	85.89	85.30	85.43	85.43
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.81	26.68	26.18	27.31	30.81	30.51
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	687.65	709.20	670.96	723.52	687.65	683.80
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	687.65	709.20	670.96	723.52	687.65	683.80
21	BILATERAL (REG.) EXCL. BANKING	26.32	26.32	26.32	26.32	26.32	26.32
22	BANKING	-7.04	-7.04	-7.04	-7.04	-7.04	-7.04
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	129.64	133.34	124.97	129.42	129.64	129.99
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	0.00	0.00	-8.28	0.00	0.00	-9.04
25	INDIAN ENERGY EXCHANGE	-5.05	-2.26	-2.26	-1.95	-5.05	-5.05
	TOTAL(B): (19 TO 25)	831.52	859.57	804.67	870.27	831.52	818.98
	TOTAL GENERATION (A +B) : 1 TO 25			2362.97			2491.52
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-36.52			-27.92
	GRAND TOTAL	2542.36	2484.98	2326.45	2663.06	2542.36	2463.60
	LAST YEAR	2066.97	2147.80	1762.88	2006.40	2066.97	1822.45

3. SYSTEM PARAMETERS AS ON 10-Sep-19

MAXIMUM DRAWL ON 10-Sep-19	11154 MW at 12.45-13.00 HRS 49.90 HZ
MINIMUM DRAWL ON 10-Sep-19	9033 MW at 04.00-04.15 Hrs 49.94 HZ
Max U/D of the day	767 MW at 18.30-18.45 Hrs 49.96 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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	30
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	52
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	15
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	7
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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.	11-Sep-19	11-Sep-18		
Gandhi Sagar (Ft.)	1312	1250	1311.27	1284.53	224993	126016
R.P.Sagar (Ft.)	1157.5	1128	1157.10	1149.34	202380	227277
Jawahar Sagar (Ft.)	980	970.4	976.40	974.00	227488	232295
Kota Barrage(Ft.)	854.5	852.3	852.60	851.70		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1675.14	1649.00	35835	35057
Dehar (Ft.)	2941	2900	2925.78	2924.80	8540	14331
Pong(Ft.)	1421	1260	1388.47	1375.00	12061	13242
Mahi-I (Mts.)	281.5	259	281.25	277.90	6089	731026
Mahi-II (Mts.)	220.5	217	218.90	217.40	NIL	1450

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	10-Sep-19	49.99 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day		481 MW at 12.45-13.00 Hrs 49.90 HZ				
Frequency Profile		% of Time				
LESS THAN 49.7 HZ		0.00				
LESS THAN 49.90 HZ		8.00				
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		77.90				
ABOVE 50.05 HZ		14.10				
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				

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

11/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	HRS02	55.00	50	12.00	50	08-Oct-18	12.08				BOXED UP
DCCPP	HRS01	55.00	50	12.00	50	08-Oct-18	12.08				BOXED UP
DCCPP	GT92	110.00	100	24.00	100	08-Oct-18	12.28				BOXED UP
DCCPP	GT91	110.00	100	24.00	100	08-Oct-18	12.29				BOXED UP
KTPS	6	195.00	175	0.00	0	07-Jul-19	14.02	10-Sep-19	16.54		ANNUAL SD 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	251.40	1047.00					

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
DABRI 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
DABRI GPS	4	130.19	22	0.00	0	07-Sep-19	0.06	09-Sep-19	16.15		RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			1301.26	202.00	43.70	180.00					

(B) FORCE OUTAGE

STATE SECTOR											
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)				OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
								DATE	TIME	DATE	TIME
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27				
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-3
RAMGARH	STG02	50.00	40	9.60	40	05-Oct-18	10.58				INSUFFICIENT AVAILABILITY OF GAS
KALISINDH	2	600.00	565	135.60	565	21-Jul-19	14.08				NON AVAILABILITY OF SUFFICIENT GAS
RAJWEST	1	135.00	120	28.68	120	21-Aug-19	1.58				generator stator earth fault in R-Phase (*SD FOR 21 DAYS)
STPS	5	250.00	229	55.00	229	04-Jul-19	13.06				BED MATERIAL LEAKAGE
STPS	1	250.00	229	55.00	229	08-Sep-19	11.00				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
CSCPP	6	660.00	600	0.00	0	10-Sep-19	12.33	10-Sep-19	16.54		SUSPECTED BOILER TUBE LEAKAGE
CTPP	4	250.00	225	0.00	0	10-Sep-19	12.34	10-Sep-19	16.21		ELECTRICAL FAULT
Total(B)-STATE SECTOR-FORCED OUTAGE			2430.00	2178.00	324.68	1353.00					
CENTRAL SECTOR											
DABRI H TPS	2	490.00	15	3.59	15	14-Aug-19	0.30				DUE TO ROTOR PROBLEM
RHIND	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 (\$).