



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

Power Position 22-Sep-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -AUG- 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2017	2016	2017	2016	2017	2016	2017	2016		
Sep-17										
1-Sep-17	1983.31	1510.32	1639.45	1424.48	14.44	25.53	7870	6847	49.99	187.29
2-Sep-17	2018.79	1525.88	1691.88	1458.17	19.89	-1.29	7826	7046	49.98	102.94
3-Sep-17	1965.88	1616.50	1686.86	1498.10	23.15	-5.69	8039	7159	49.97	151.01
4-Sep-17	1881.98	1630.96	1801.89	1559.99	-4.55	7.47	8578	7177	49.94	185.33
5-Sep-17	1909.40	1699.11	1876.12	1642.04	-8.01	4.37	8790	7579	49.95	283.02
6-Sep-17	2000.23	1696.36	1937.40	1720.88	-1.33	2.65	8946	7905	49.95	212.29
7-Sep-17	2028.18	1720.96	1965.05	1799.37	-14.34	-8.71	9133	8020	49.93	110.05
8-Sep-17	2035.60	1818.03	2038.09	1839.59	-16.80	-6.75	9527	8306	49.91	69.67
9-Sep-17	2220.10	1876.66	2109.22	1892.73	-28.72	-10.12	9655	8480	49.93	101.26
10-Sep-17	2291.05	3032.73	2115.99	1930.00	-3.87	-2.18	9643	8673	49.97	136.37
11-Sep-17	2125.09	2061.90	2111.25	1931.67	-13.58	12.16	9546	8706	49.92	50.22
12-Sep-17	2043.96	2039.62	1995.41	1994.33	9.55	6.75	9488	8898	49.97	40.04
13-Sep-17	1972.73	2029.51	2011.57	2015.34	-0.67	8.00	9275	8920	49.95	49.95
14-Sep-17	1967.00	1984.37	1975.69	2025.57	24.90	29.45	8999	8932	49.95	66.58
15-Sep-17	1806.01	1961.15	1920.02	1981.60	35.48	27.31	8820	8675	49.95	28.63
16-Sep-17	1836.48	1935.29	2036.93	1972.87	37.80	34.73	9286.00	8760.00	49.97	52.22
17-Sep-17	2036.98	2002.89	1987.77	2016.78	13.02	35.51	9054.00	9013.00	50.02	32.78
18-Sep-17	2068.97	1950.36	2089.80	1953.03	20.25	55.61	9787.00	8634.00	50.01	44.24
19-Sep-17	2022.57	2021.96	2139.72	2030.19	12.19	21.76	9900.00	9539.00	50.00	69.27
20-Sep-17	2001.51	2231.94	2116.18	2138.32	22.21	-21.13	9877.00	9769.00	50.00	65.02
21-Sep-17	2088.76	2184.43	2196.17	2132.33	18.53	10.59	9876.00	9816.00	49.96	75.14
22-Sep-17	2094.58	2086.21								
23-Sep-17										
24-Sep-17										
25-Sep-17										
26-Sep-17										
27-Sep-17										
28-Sep-17										
29-Sep-17										
30-Sep-17										
1-Oct-17										
1-Sep-17										
MAXIMUM OF THE MONTH	2291.05	3032.73	2196.17	2138.32	37.80	55.61	9900.00	9816.00	50.02	283.02
MIN OF THE MONTH	1806.01	1510.32	1639.45	1424.48	-28.72	-21.13	7826.00	6847.00	49.91	28.63
AVERAGE	2018.09	1940.57	1973.45	1855.11	7.60	10.76	9138.81	8421.62	49.96	100.63

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

2222.22

18-Aug-17

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

10347

(23.15-23.30 Hrs.)

6-Jun-17

MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)

2114.62

20-Sep-16

MAX.PEAK LOAD DURING THE FY 2016-17 (MW)

9906

(07.00-07.15Hrs.)

ON 16-02-17

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

482.76

4-Jul-17

MAX.WIND DURING THE YEAR 2016-17 (L.U.)

448.85

4-Aug-17

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (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
		20-Sep-17			21-Sep-17		
1	KTPS (1240/1240)	269.00	269.00	250.95	269.00	269.00	260.61
2	STPS (1500/1500)	164.00	164.00	144.70	164.00	164.00	137.40
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	21.57	0.00	0.00	19.69
4	RAMGARH (273.5/273.5)	45.00	45.00	44.02	45.00	45.00	44.32
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	15.69	0.00	0.00	18.30
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	0.19
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	110.24	109.00	109.00	111.02
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	419.00	419.00	399.59	419.00	419.00	407.32
11	WIND FARM (3980.40/4119.15)	107.50	52.50	65.02	115.50	107.50	75.14
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	72.78	0.00	0.00	103.23
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	18.33	26.53	26.53	14.90	18.33	18.02
16	BIOMASS – (101.95/119.25)	5.00	4.00	4.93	5.00	5.00	4.67
17	BARSINGHSAR LTPS(250/250)	52.00	54.00	52.48	52.00	52.00	51.29
18	RAJWEST (1080/1080)	200.00	200.00	197.15	200.00	200.00	199.09
	TOTAL (A) : 1-18	1388.83	1343.03	1405.65	1393.40	1388.83	1450.28
19	BBMB COMPLEX						
a)	BHAKRA(230.79/1516.3)	34.90	35.98	35.41	35.93	34.90	35.08
b)	DEHAR (198/ 990)	19.34	19.10	19.36	20.51	19.34	19.42
c)	PONG (231.66/396)	36.71	34.52	36.52	41.18	36.71	39.94
	TOTAL : a TO c	90.95	89.60	91.29	97.62	90.95	94.44
20	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)	91.48	91.48	91.48	91.48	91.48	91.48
e)	RIHAND (310.24/3000)	122.38	122.38	122.86	122.38	122.38	121.50
f)	UNCHAHAAR-I(20/420)	1.93	1.65	4.51	3.52	1.93	5.80
g)	UNCHAHAAR-II& III(61/630)	7.07	6.21	16.65	10.36	7.07	20.24
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	1.41	2.31	6.04	2.03	1.41	8.63
j)	DADRI GAS (77/830)	0.53	0.82	1.31	2.61	0.53	1.63
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)	4.39	4.44	4.44	4.37	4.39	4.39
n)	RAPP-B (125/440)	33.07	0.00	23.72	32.90	33.07	33.07
o)	RAPP-C (88/440)	19.86	19.86	19.86	19.81	19.86	19.86
p)	SALAL (20.36/690)	2.64	2.48	2.79	2.70	2.64	2.96
q)	URI (70.37/720)	8.18	8.32	7.58	7.87	8.18	7.26
r)	TANAKPUR (10.86/94)	2.49	2.50	2.50	2.49	2.49	2.45
s)	CHAMERA –I (105.84/540)	9.36	9.36	9.36	9.25	9.36	9.36
t)	CHAMERA-II (29.01/300)	3.87	3.87	4.28	3.87	3.87	3.92
u)	CHAMERA-III (25.21/231)	2.75	2.75	3.35	2.75	2.75	3.39
v)	DHAULIGANGA (27/280)	4.19	3.99	4.05	4.59	4.19	4.53
w)	DULHASTI (42.42/390)	10.09	10.09	10.09	10.09	10.09	10.09
x)	SEWA (13/120)	1.36	0.54	0.54	0.87	1.36	1.36
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	20.29	20.29	20.77	20.68	20.29	20.77
z)	TEHRI (75/1000)	5.18	5.85	5.85	5.18	5.18	5.18
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	8.80	9.12	12.84	11.11	8.80	11.22
ab)	TALA	3.67	3.23	3.23	3.54	3.67	3.67
ac)	MUNDRU UMPP (380/4000)	69.60	69.12	69.12	69.60	69.60	69.60
ad)	SASAN (372/3960)	72.96	73.84	73.84	72.96	72.96	72.96
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.70	20.40	19.66	20.77	21.70	22.65
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	620.17	584.49	632.02	635.38	620.17	652.40
	LOSSES	-19.12	-17.82	-23.03	-23.13	-19.12	-23.68
	NET SCHEDULED	601.05	566.67	608.99	612.25	601.05	628.72
21	BILATERAL (REG.) EXCL. BANKING	11.69	10.97	12.19	11.93	11.69	11.69
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.96	111.17	101.26	114.96	111.21	114.39
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-18.33	-26.53	-26.53	-14.90	-18.33	-18.02
25	INDIAN ENERGY EXCHANGE	-9.43	-7.59	-7.59	-23.05	-9.43	-9.43
	TOTAL(B): (19 TO 25)	699.94	658.48	688.32	701.18	699.94	727.35
	TOTAL GENERATION (A +B) : 1 TO 25			2093.97			2177.63

OVER DRAWAL (+)/UNDER DRAWAL (-)			22.21			18.53
GRAND TOTAL	2088.76	2001.51	2116.18	2094.58	2088.76	2196.16
LAST YEAR	2184.43	2231.94	2138.32	2086.21	2184.43	2132.33

3. SYSTEM PARAMETERS AS ON 21-Sep-17

MAXIMUM DRAWL ON 21-Sep-17	9876 MW at 13.45-14.00 Hrs 49.87Hz
MINIMUM DRAWL ON 21-Sep-17	7947 MW at 18.15-18.30 Hrs 49.96 Hz
Max U/D of the day	451 MW at 21.30 Hrs 49.95Hz
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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	65
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	20
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
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.	22-Sep-17	22-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1301.18	1310.31	428	3820
R.P.Sagar (Ft.)	1157.5	1128	1146.02	1157.00	NA	1678
Jawahar Sagar (Ft.)	980	970.4	977.00	978.10	NA	NA
Kota Barrage(Ft.)	854.5	852.3	852.80	853.90		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1668.39	1650.38	23650	16060
Dehar (Ft.)	2941	2900	2922.83	2933.72	5593	6096
Pong(Ft.)	1421	1260	1380.96	1369.02	14801	3794
Mahi-I (Mts.)	281.5	259	281.50	281.50	3815	6145
Mahi-II (Mts.)	220.5	217	218.95	219.00	1064	NA

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	21-Sep-17	49.96 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	506 MW at 22.30 Hrs 49.94 Hz		22/Sep/17	KTPS	15269	1 DAY
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	13.98					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.42					
ABOVE 50.05 HZ	5.60					
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		22/Sep/17	STPS	15963	0.5 DAY
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					
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					
No. of 132 KV Feeders Disconnected	0					
No. of 132 KV Feeders Disconnected	0		22/Sep/17	CHHABRA	57675	7.5 DAYS
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					
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					
No. of 132 KV Feeders Disconnected	0					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0		22/Sep/17	KALISINDH	39507	3 DAYS
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					
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					
No. of 132 KV Feeders Disconnected	0					

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

22/Sep/17

(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	HRSG#2*	55.00	50	24.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVNLI ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RVNLI ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
CHHABRA	3	250.00	225	54.00	225	8-Aug-17	18.56			BUS BAR PROTECTION OPERATED/ UNDER OVERHAUL W.E.F 18.56 HRS./08.08.17 FOR 30 DAYS)
Total(A) STATE SECTOR- PLANNED OUTAGE		540.00	445.00	118.80	445.00					

CENTRAL SECTOR

DADRI	GT#2	130.19	22	5.30	22	9-Sep-17	23.45			EOH INSPECTION FOR 4000HRS
ANTA	GT#1	88.71	31	7.50	31	20-Sep-17	6.27			FUEL SHORTAGE
Total(A)CENTRAL SECTOR- PLANNED OUTAGE		218.90	53.00	12.80	53.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	16-Oct-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4
RAMGARH	GT#1	37.50	29	7.00	29	1-Jul-17	12.19	21-Sep-17		HIGH VIBERATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00	21-Sep-17		TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02	22-Sep-17		BOILER LHIS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE(FROM 21.08.17 DUE TO COAL SHORTAGE)
RAJWEST	4	135.00	120	28.68	120	3-Sep-17	1.58	26-Sep-17		MT DUE TO HEAVY BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	21-Sep-17		INSUFFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	21-Sep-17		INSUFFICIENT COAL STOCK
STPS	4	250.00	229	55.00	229	14-Sep-17	23.56	21-Sep-17		INSUFFICIENT COAL STOCK
RAPP A	2	200.00	150	36.00	150	18-Sep-17	12.47	22-Sep-17		PROCESS SIDE PROBLEM
DCCPP	HRSG-1	55.00	40	0.00	0	21-Sep-17	8.24	21-Sep-17	12.55	TURBINE TRIP
Total(B) STATE SECTOR-FORCED OUTAGE		2212.50	1921.00	451.48	1881.00					

CENTRAL SECTOR

JHAJJAR	1	500.00	5	1.20	5	9-Sep-17	1.16			PRIMARY AIR HEATER PROBLEM
AURAIYA	GT#4	111.19	18	4.40	18	14-Sep-17	1.21			DUE TO LESS SUPPLY OF SPOT RING BY GAIL/AS INFORMED BY NTPC)
DADRI	GT#3	130.19	22	5.30	22	16-Sep-17	23.00			FUEL SHORTAGE
DADRI	GT#1	130.19	22	5.30	22	17-Sep-17	0.06			FUEL SHORTAGE
AURAIYA	GT#1	111.19	18	4.40	18	17-Sep-17	5.51			FUEL SHORTAGE
ANTA	GT#3	88.71	31	7.50	31	17-Sep-17	6.19			FUEL SHORTAGE
AURAIYA	GT#5	109.30	12	2.90	12	17-Sep-17	12.28			FUEL SHORTAGE
AURAIYA	GT#2	111.19	18	4.40	18	17-Sep-17	12.35			FUEL SHORTAGE
ANTA	GT#4	153.20	12	2.90	12	17-Sep-17	12.36			FUEL SHORTAGE
Total(B)CENTRAL SECTOR- FORCED OUTAGE		1445.16	158.00	38.30	158.00					
G.TOTAL				489.78	2039.00					

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 (\$).