



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

Power Position 01-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		
Aug-17										
1-Aug-17	1809.65	1800.23	1534.97	1554.82	12.04	7.12	7350	6860	49.97	350.64
2-Aug-17	1764.56	1815.96	1610.64	1467.68	3.16	28.67	7731	6806	50.00	400.25
3-Aug-17	1852.55	1538.67	1638.77	1503.44	7.49	29.39	7968	6856	49.99	403.92
4-Aug-17	1830.71	1511.41	1750.79	1446.47	2.95	17.17	8572	6885	49.97	448.85
5-Aug-17	1744.96	1430.37	1805.79	1506.32	18.72	29.04	8337	6922	49.95	196.59
6-Aug-17	1790.03	1599.74	1818.60	1580.45	34.42	11.47	8235	7226	49.95	109.40
7-Aug-17	1904.07	1624.55	1804.69	1579.03	17.06	-0.23	8398	7140	49.97	85.42
8-Aug-17	1909.97	1673.12	1796.52	1516.77	6.38	-4.44	8057	6937	49.94	117.77
9-Aug-17	1897.76	1717.98	1816.65	1412.23	-2.69	0.43	8321	6401	49.95	189.48
10-Aug-17	1989.11	1539.61	1847.43	1381.29	7.79	2.94	8831	6546	49.99	339.67
11-Aug-17	2000.77	1545.98	1877.18	1300.58	26.30	15.62	8935	6322	50.01	460.44
12-Aug-17	2018.63	1560.60	1884.32	1328.98	17.41	-1.43	8876	6778	50.00	477.09
13-Aug-17	2033.92	1517.60	1871.69	1426.60	25.60	4.65	8858	7036	49.98	433.05
14-Aug-17	1979.86	1457.67	1914.13	1496.83	25.96	3.52	8884	7101	49.94	184.96
15-Aug-17	1997.44	1683.78	1963.25	1535.23	24.08	14.52	9173	7212	49.99	194.08
16-Aug-17	2147.85	1729.21	2048.10	1658.36	15.28	10.11	9971.00	7807.00	49.99	340.37
17-Aug-17	2249.99	1764.76	2131.42	1722.82	12.44	8.35	9665.00	7709.00	49.97	340.55
18-Aug-17	2288.38	1768.26	2222.22	1645.05	21.32	12.41	10236.00	7502.00	49.97	190.75
19-Aug-17	2121.45	1754.13	2221.14	1683.16	69.41	5.16	10252.00	7599.00	50.02	103.16
20-Aug-17	2295.29	1752.67	2084.72	1642.85	39.94	11.15	10293.00	7334.00	50.02	94.03
21-Aug-17	2204.33	1573.45	2180.76	1562.56	49.65	4.97	9863.00	7086.00	49.98	60.38
22-Aug-17	2261.01	1542.10	2220.63	1542.28	21.76	0.42	10155.00	7098.00	49.98	50.87
23-Aug-17	2268.31	1487.73	2142.44	1566.79	16.48	1.10	9926.00	7068.00	49.97	72.27
24-Aug-17	2287.71	1512.67	2069.44	1528.20	18.79	2.97	9174.00	7401.00	49.99	186.62
25-Aug-17	2291.13	1596.30	1910.49	1458.15	16.72	2.96	8995.00	7058.00	49.99	222.70
26-Aug-17	2123.70	1664.40	1890.77	1595.67	25.58	12.37	8773.00	7371.00	49.97	85.59
27-Aug-17	2097.07	1560.58	1886.60	1640.37	6.61	26.86	9385.00	7390.00	49.99	62.66
28-Aug-17	2158.99	1613.97	1947.09	1490.57	13.81	5.87	9264.00	7108.00	50.01	112.52
29-Aug-17	2282.67	1490.90	1893.50	1392.84	-0.53	5.53	9114.00	6826.00	50.01	240.18
30-Aug-17	2204.04	1537.04	1782.01	1397.26	12.81	1.65	8199.00	6904.00	49.99	278.19
31-Aug-17	1987.17	1459.04	1712.84	1462.57	15.77	7.36	8005.00	7067.00	50.00	141.93
1-Sep-17	1983.31	1510.32								
MAXIMUM OF THE MONTH	2295.29	1815.96	2222.22	1722.82	69.41	29.39	10293.00	7807.00	50.02	477.09
MIN OF THE MONTH	1744.96	1430.37	1534.97	1300.58	-2.69	-4.44	7350.00	6322.00	49.94	50.87
AVERAGE	2015.73	1641.90	1926.67	1521.88	20.34	8.72	9002.24	7067.60	49.98	242.13
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
		30-Aug-17			31-Aug-17		
1	KTSP (1240/1240)	231.00	267.00	216.67	222.00	231.00	197.97
2	STPS (1500/1500)	165.00	220.00	141.63	165.00	165.00	130.38
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	45.00	46.00	38.29	46.00	45.00	44.61
5	RAPP-A(200/200)	38.00	38.00	41.69	38.00	38.00	41.11
6	MAHI (140/140)	0.00	0.00	13.12	0.00	0.00	11.42
7	CHAMBAL (RPS+JS) (135.5/271)	17.00	17.00	15.24	17.00	17.00	6.37
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	104.00	109.00	90.34	109.00	104.00	92.21
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	415.46	420.00	310.34	420.00	415.46	320.58
11	WIND FARM (3980.40/4119.15)	88.00	274.00	278.19	205.00	88.00	141.93
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTSP)	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	-62.78	-51.51	-51.68	-57.53	-62.78	-62.85
16	BIOMASS – (101.95/119.25)	7.00	7.00	7.20	6.00	7.00	5.70
17	BARSINGHSAR LTSPS(250/250)	26.00	52.00	30.72	26.00	26.00	23.56
18	RAJWEST (1080/1080)	170.00	170.00	102.01	172.00	170.00	107.59
	TOTAL (A) : 1-18	1243.68	1568.49	1233.76	1368.47	1243.68	1060.58
19	BBMB COMPLEX						
a)	BHAKRA(230.79/1516.3)	33.44	33.91	33.98	39.12	33.44	34.23
b)	DEHAR (198/ 990)	28.12	28.12	27.78	28.03	28.12	27.53
c)	PONG (231.66/396)	31.86	25.78	28.53	31.58	31.86	34.62
	TOTAL : a TO c	93.42	87.80	90.29	98.73	93.42	96.38
20	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)	89.91	61.44	32.87	66.81	89.91	63.12
e)	RIHAND (310.24/3000)	98.55	107.45	67.71	65.71	98.55	77.00
f)	UNCHAHAAR-I(20/420)	0.00	0.00	0.07	3.01	0.00	0.69
g)	UNCHAHAAR-II& III(61/630)	0.09	0.39	1.37	11.30	0.09	2.75
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	0.09	0.36	3.45	8.80	0.09	4.02
j)	DADRI GAS (77/830)	0.95	0.76	0.60	2.22	0.95	0.68
k)	ANTA (83.07/419)	1.28	3.23	2.15	0.00	1.28	1.18
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	9.14	9.22	9.22	9.12	9.14	9.14
n)	RAPP-B (125/440)	31.87	32.04	32.04	35.71	31.87	31.87
o)	RAPP-C (88/440)	20.58	20.58	20.58	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.76	4.76	4.76	4.76	4.76	4.76
q)	URI (70.37/720)	8.79	8.54	7.95	8.79	8.79	7.84
r)	TANAKPUR (10.86/94)	2.50	2.50	2.50	2.50	2.50	2.48
s)	CHAMERA –I (105.84/540)	25.12	25.12	25.12	25.12	25.12	24.44
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96	6.96	6.96	6.96
u)	CHAMERA-III (25.21/231)	5.97	6.00	6.04	6.00	5.97	5.97
v)	DHAULIGANGA (27/280)	6.42	6.51	6.51	6.51	6.42	6.42
w)	DULHASTI (42.42/390)	10.09	10.09	10.09	10.09	10.09	10.09
x)	SEWA (13/120)	1.63	0.39	1.86	1.95	1.63	1.63
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	33.31	34.48	34.48	34.48	33.31	33.46
z)	TEHRI (75/1000)	4.99	4.99	4.99	5.45	4.99	4.53
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	15.56	15.56	21.44	13.95	15.56	20.57
ab)	TALA	3.64	3.64	3.64	3.64	3.64	3.64
ac)	MUNDRA UMPP (380/4000)	85.96	50.12	20.11	52.73	85.96	53.62
ad)	SASAN (372/3960)	72.84	70.95	59.95	52.35	72.84	62.22
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	0.00	0.00	3.66	0.00	0.00	4.07
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	634.41	573.87	480.41	557.27	634.41	560.08
	LOSSES	-17.77	-15.59	-16.37	-14.04	-17.77	-19.37
	NET SCHEDULED	616.64	558.27	464.03	543.23	616.64	540.71
21	BILATERAL (REG.) EXCL. BANKING	21.00	20.54	20.54	25.18	21.00	21.36
22	BANKING	-12.18	-12.18	-12.18	0.00	-12.18	-12.18
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	86.91	84.77	82.10	27.25	84.08	55.40
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	62.78	51.51	51.68	57.53	62.78	62.85
25	INDIAN ENERGY EXCHANGE	-31.66	-70.74	-70.74	-38.34	-31.66	-31.66
	TOTAL(B): (19 TO 25)	743.50	635.55	535.44	614.84	743.50	636.49
	TOTAL GENERATION (A +B) : 1 TO 25			1769.19			1697.06
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.81			15.77
	GRAND TOTAL	1987.17	2204.04	1782.01	1983.31	1987.17	1712.84
	LAST YEAR	1459.04	1537.04	1397.26	1510.32	1459.04	1462.57

3. SYSTEM PARAMETERS AS ON 31-Aug-17

MAXIMUM DRAWL ON 31-Aug-17	8005 MW at 00.00-00.15 Hrs 49.94 Hz
MINIMUM DRAWL ON 31-Aug-17	6122 MW at 17.45-18.00 Hrs 49.97 Hz
Max U/D of the day	435 MW at 19.30-19.45 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	45
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	3
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	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	10
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	1

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	1-Sep-17	1-Sep-16		
Gandhi Sagar (Ft.)	1312	1250	1299.29	1309.93	3191	11836
R.P.Sagar (Ft.)	1157.5	1128	1145.90	1157.22	1588	2727
Jawahar Sagar (Ft.)	980	970.4	974.50	976.30	3510	1179
Kota Barrage(Ft.)	854.5	852.3	852.90	851.80		
RMC					3000	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1669.97	1645.00	23187	29609
Dehar (Ft.)	2941	2900	2926.04	2922.30	8445	13841
Pong(Ft.)	1421	1260	1381.50	1368.84	11005	21715
Mahi-I (Mts.)	281.5	259	281.30	281.40	3420	NA
Mahi-II (Mts.)	220.5	217	219.00	219.00	817	NA

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	31-Aug-17	50.00 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	626 MW at 17.15-17.30 Hrs 50.01 Hz		1/Sep/17	KTPS	122126	6 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	2.37					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.85					
ABOVE 50.05 HZ	17.78					
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			STPS	13052	0.5 DAY
				CHHABRA	129595	17 DAYS
				KALISINDH	97219	7 DAYS

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

1/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	HRS0P1	55.00	50	12.00	50	3-Oct-15	22.35				DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL) (PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT01	110.00	100	24.00	100	8-May-16	11.05				M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16) (PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRS0P2*	55.00	50	12.00	50	13-Jul-16	16.35				BOXED UP (PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40				BOXED UP (PERMISSION GIVEN BY RUVNL 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)
STPS	2*	250.00	229	55.00	229	25-Aug-17	23.58				BOXED UP
STPS	6	250.00	229	55.00	229	26-Aug-17	12.22				BOXED UP
STPS	4	250.00	229	55.00	229	30-Aug-17	8.39				BOXED UP
Total A ISTATE SECTOR- PLANNED OUTAGE		1455.00	1282.00	307.80	1282.00						

CENTRAL SECTOR

DADRI	GT04	130.19	22	5.30	22	6-Apr-17	0.23				LESS GAS AVAILABILITY
DADRI	GT06	154.51	16	3.90	16	6-Apr-17	21.18				LESS GAS AVAILABILITY
DADRI	GT03	130.19	22	5.30	22	6-Apr-17	21.27				LESS GAS AVAILABILITY
AURAIYA	GT04	111.19	18	4.40	18	7-May-17	22.03				LESS GAS AVAILABILITY
AURAIYA	GT06	109.30	12	2.90	12	12-May-17	21.05				LESS GAS AVAILABILITY
AURAIYA	GT03	111.19	18	4.40	18	12-May-17	21.13				LESS GAS AVAILABILITY
AURAIYA	GT02	111.19	18	4.40	18	30-May-17	5.06				LESS GAS AVAILABILITY
AURAIYA	GT05	109.30	12	2.90	12	30-May-17	5.15				LESS GAS AVAILABILITY
AURAIYA	GT01	111.19	18	4.40	18	30-May-17	5.22				LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	9-Jun-17	21.51				LESS GAS AVAILABILITY
RIBHAND-I	1	500.00	59	14.20	59	30-Aug-17	22.51				ANNUAL MAINTENANCE
ANTA	GT01	88.71	31	7.50	31	31-Aug-17	9.11				LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	31-Aug-17	9.42				LESS GAS AVAILABILITY
ANTA	GT03	88.71	31	7.50	31	31-Aug-17	10.14				LESS GAS AVAILABILITY
Total A-CENTRAL SECTOR- PLANNED OUTAGE		1997.58	342.00	82.80	342.00						

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR											
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27		15-Sep-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT01	37.50	29	7.00	29	1-Jul-17	12.19		5-Sep-17		HIGH VIBRATION
CHHABRA	1	250.00	225	54.00	225	15-Aug-17	8.00		3-Sep-17		TURBINE BEARING PROBLEM
ADANI	2	660.00	600	144.00	600	19-Aug-17	6.02		1-Sep-17		BOILER LHS HOT SECONDARY AIR EXPANSION BELLOW LEAKAGE
RAJWEST	2	135.00	120	28.68	120	19-Aug-17	9.57		1-Sep-17		HEAVY BED MATERIAL LEAKAGE
RAJWEST	5	135.00	120	28.68	120	29-Aug-17	7.44		4-Sep-17		HEAVY BED MATERIAL LEAKAGE
BAISINGGAR	2	125.00	110	26.40	110	30-Aug-17	10.30		5-Sep-17		BOILER REFRACTORY DAMAGE
RAMGARH	STG01	37.50	10	0.00	0	30-Aug-17	16.27		31-Aug-17	3.10	GRID FAILURE
CHHABRA	1	250.00	225	0.00	0	31-Aug-17	1.30		31-Aug-17	3.44	DRUM LEVEL HIGH
KTPS	3	210.00	192	46.00	192	31-Aug-17	5.26		1-Sep-17		BOILER TUBE LEAKAGE
Total B ISTATE SECTOR-FORCED OUTAGE		1965.00	1700.00	351.56	1465.00						

CENTRAL SECTOR

STPP(HAJIAR)	3	500.00	5	0.00	0	5-Aug-17	23.20		31-Aug-17	13.12	BOILER TUBE LEAKAGE
STPP(HAJIAR)	2	500.00	5	1.20	5	31-Aug-17	7.29				BOILER TUBE LEAKAGE
Total B-CENTRAL SECTOR-FORCED OUTAGE		1000.00	10.00	1.20	5.00						
G.TOTAL				352.76	1470.00						

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 (\$).