



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

Power Position 26-Oct-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –OCT- 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	2017	2017
Oct-17										
1-Oct-17	2052.07	2034.37	1961.11	1990.31	24.09	22.57	9517	8968	50.00	144.93
2-Oct-17	1955.19	2042.94	2012.63	1890.88	39.62	8.14	9262	9016	49.97	162.66
3-Oct-17	1952.76	1977.65	1967.29	1867.72	40.89	1.81	9222	8471	49.93	90.25
4-Oct-17	1938.48	1989.21	1982.51	1796.01	24.27	-2.17	9115	8390	49.94	56.48
5-Oct-17	1959.56	1870.85	2039.94	1606.02	28.82	10.63	9061	7492	49.94	40.02
6-Oct-17	1914.81	1826.04	2025.64	1603.07	63.07	7.90	9252	7559	49.97	35.22
7-Oct-17	1895.69	1890.13	2028.58	1655.87	59.34	-2.91	8991	7844	49.95	40.98
8-Oct-17	1946.49	1895.40	2001.50	1672.43	21.65	20.49	9273	7812	49.98	25.02
9-Oct-17	1950.06	1841.42	2008.78	1620.28	48.23	7.92	9303	7566	49.98	52.10
10-Oct-17	1949.14	1794.15	2039.56	1591.97	61.02	30.32	9736	7572	49.97	55.92
11-Oct-17	2069.25	1743.44	2087.98	1612.83	14.62	28.33	9714	7336	49.96	49.30
12-Oct-17	2121.39	1677.86	2086.36	1663.90	9.99	31.90	10367	7852	49.96	35.37
13-Oct-17	1980.25	1685.28	2045.16	1685.45	48.44	37.61	9737	7521	49.94	35.18
14-Oct-17	1997.02	1598.00	2062.21	1697.62	17.68	38.99	10284	7823	49.97	101.33
15-Oct-17	2016.51	1714.81	2009.55	1753.49	16.98	23.71	10188	8156	49.99	80.83
16-Oct-17	1978.73	1877.15	2035.93	1727.21	-8.03	36.09	9800	7920	49.97	62.01
17-Oct-17	1910.15	1815.13	2045.05	1788.48	3.50	29.00	9965	8198	49.99	43.25
18-Oct-17	1997.65	1775.40	2008.80	1808.05	16.01	16.32	9754	8385	50.01	21.61
19-Oct-17	1988.87	1914.83	1857.71	1821.01	13.98	12.20	9453	8385	50.01	61.81
20-Oct-17	1943.79	1739.27	1796.29	1850.07	5.13	8.20	8964	9263	49.98	28.73
21-Oct-17	1869.32	1974.59	1881.70	1815.76	13.99	12.52	9113	8440	49.96	47.46
22-Oct-17	2016.69	1819.09	1837.33	1832.41	7.75	16.93	9138	8326	49.97	113.01
23-Oct-17	1928.80	1788.88	1927.21	1821.26	12.13	24.43	9956	8470	49.96	59.23
24-Oct-17	2018.40	1848.53	1975.36	1850.46	9.78	17.00	9374	8452	49.95	21.79
25-Oct-17	2021.52	1854.45	1998.44	1863.69	5.87	28.06	9811	8791	49.94	27.47
26-Oct-17	2060.76	1859.53								
27-Oct-17										
28-Oct-17										
29-Oct-17										
30-Oct-17										
31-Oct-17										
MAXIMUM OF THE MONTH	2121.39	2042.94	2087.98	1990.31	63.07	38.99	10367.00	9263.00	50.01	162.66
MIN OF THE MONTH	1869.32	1598.00	1796.29	1591.97	-8.03	-2.91	8964.00	7336.00	49.93	21.61
AVERAGE	1972.90	1845.91	1988.90	1755.45	23.95	18.64	9534.00	8160.32	49.97	59.68
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)							10367	(07.00-07.15 Hrs.)	12-Oct-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10367	(07.00-07.15Hrs.)	12-Oct-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
		25-Oct-17		
1	KTPS (1240/1240)	224.00	224.00	194.62
2	STPS (1500/1500)	55.00	55.00	45.73
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	25.82
4	RAMGARH (273.5/273.5)	35.00	35.00	35.37
5	RAPP-A(200/200)	41.00	41.00	41.70
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	37.50	37.50	42.57
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	219.00	219.00	259.32
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	413.00	419.00	382.02
11	WIND FARM (3980.40/4119.15)	79.50	32.25	27.47
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.64
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	23.33	12.97	12.97
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.72
17	BARSINGHAR LTPS(250/250)	53.00	53.00	51.35
18	RAJWEST (1080/1080)	201.00	201.00	197.42
	TOTAL (A) : 1-18	1386.33	1334.72	1324.72
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	20.81	20.25	20.34
b)	DEHAR (198/ 990)	11.84	12.16	11.55
c)	PONG (231.66/396)	37.28	40.23	39.09
	TOTAL : a TO c	69.93	72.63	70.98
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	90.28	89.14	89.12
e)	RIHAND (310.24/3000)	120.26	118.40	118.41
f)	UNCHAHAHAR-I(20/420)	2.45	4.42	3.51
g)	UNCHAHAHAR-II& III(61/630)	36.63	33.16	20.79
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	4.94	9.69	7.10
j)	DADRI GAS (77/830)	3.31	2.99	3.47
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)	9.58	9.55	9.55
n)	RAPP-B (125/440)	33.84	33.67	33.67
o)	RAPP-C (88/440)	19.91	19.91	19.91
p)	SALAL (20.36/690)	1.09	1.09	1.18
q)	URI (70.37/720)	2.73	3.00	3.09
r)	TANAKPUR (10.86/94)	1.47	1.59	1.49
s)	CHAMERA –I (105.84/540)	5.10	5.10	4.88
t)	CHAMERA-II (29.01/300)	2.13	2.32	2.06
u)	CHAMERA-III (25.21/231)	1.45	1.66	1.55
v)	DHAULIGANGA (27/280)	2.30	2.62	2.19
w)	DULHASTI (42.42/390)	5.44	5.44	5.44
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	12.16	11.58	11.58
z)	TEHRI (75/1000)	4.99	4.99	4.95
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	7.17	6.90	6.76
ab)	TALA	1.50	1.57	1.57
ac)	MUNDRA UMPP (380/4000)	88.32	88.32	88.32
ad)	SASAN (372/3960)	88.20	88.20	88.20
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.22	18.22	17.10
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	641.78	636.53	617.27
	LOSSES	-26.62	-26.41	-25.68
	NET SCHEDULED	615.16	610.12	591.59
21	BILATERAL (REG.) EXCL. BANKING	6.52	6.76	6.33
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.70	90.41	114.70
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-23.33	-12.97	-12.97
25	INDIAN ENERGY EXCHANGE	-38.62	-31.81	-31.81
	TOTAL(B): (19 TO 25)	674.43	686.80	667.85
	TOTAL GENERATION (A +B) : 1 TO 25			1992.57
	OVER DRAWAL (+)/UNDER DRAWAL (-)			5.87
	GRAND TOTAL	2060.76	2021.52	1998.43
	LAST YEAR	1859.53	1854.45	1863.69

3.SYSTEM PARAMETERS AS ON 25-Oct-17

MAXIMUM DRAWL ON 25-Oct-17	9811 MW at 7.30-7.45 Hrs 49.99Hz
MINIMUM DRAWL ON 25-Oct-17	7091 MW at 21.45-22.00 Hrs 50.02Hz
Max U/D of the day	261 MW at 18.00 HRS. 49.91Hz
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	18
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	9
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	15
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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 25-Oct-17	49.94 Hz
Max O/D of the day	389 MW at 11.30 Hrs 49.86 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	23.88
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	70.69
ABOVE 50.05 HZ	5.43
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.	26-Oct-17	26-Oct-16		
Gandhi Sagar (Ft.)	1312	1250	1300.60	1311.76	2584	333
R.P.Sagar (Ft.)	1157.5	1128	1140.15	1154.87	7596	6070
Jawahar Sagar (Ft.)	980	970.4	975.80	977.00	8337	NA
Kota Barrage(Ft.)	854.5	852.3	854.30	854.10		
RMC					6075	
LMC					1300	
Bhakra(Ft.)	1690	1462	1664.30	1638.22	12039	8536
Dehar (Ft.)	2941	2900	2918.56	2919.22	3131	3167
Pong(Ft.)	1421	1260	1370.54	1361.99	13506	2162
Mahi-I (Mts.)	281.5	259	281.45	281.50	NA	NIL
Mahi-II (Mts.)	220.5	217	216.90	217.00	NA	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
26/Oct/17	KTPS	63168	3 DAYS
	STPS	98377	4 DAYS
	CHHABRA	11296	1.5 DAYS
	KALISINDH	52312	4 DAYS

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

26/Oct/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	HRS02*	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
STPS	4	250.00	229	55.00	229	19-Oct-17	20.35		BOXED UP
STPS	2	250.00	229	55.00	229	9-Oct-17	13.03	26-Oct-17	DESYNCHRONIZED DUE TO NON AVAILABILITY OF COAL STOCK
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	26-Oct-17	INSUFFICIENT COAL STOCK
KTPS	1	110.00	100	23.00	100	27-Sep-17	12.59	26-Oct-17	COAL SHORTAGE/permission not granted by RUVNL as per m.m.o. op/106/22&623 dt.23.10.17)
KTPS	2	110.00	100	23.00	100	27-Sep-17	18.30	26-Oct-17	COAL SHORTAGE/permission not granted by RUVNL as per m.m.o. op/106/22&623 dt.23.10.17)
Total A ISTATE SECTOR- PLANNED OUTAGE		1260.00	1107.00	263.80	1107.00				

CENTRAL SECTOR

DABRI	GT02	130.19	22	5.30	22	9-Sep-17	23.45		EOH INSPECTION FOR 400HRS
ISTPP(JHAJHAR)	2	500.00	5	1.20	5	30-Sep-17	21.10		COAL SHORTAGE
ANTA GPS	2	88.71	20	7.50	20	24-Oct-17	21.49		RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.40	18	24-Oct-17	21.52	25-Oct-17	12.23 RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.90	12	24-Oct-17	21.55	25-Oct-17	14.17 RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.30	22	24-Oct-17	21.55	25-Oct-17	12.30 RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	24-Oct-17	22.05	25-Oct-17	14.32 RESERVE SHUTDOWN
ANTA GPS	1	88.71	20	7.50	20	24-Oct-17	22.11	25-Oct-17	16.13 RESERVE SHUTDOWN
ANTA GPS	4	153.40	16	3.90	16	24-Oct-17	22.14	25-Oct-17	16.16 RESERVE SHUTDOWN
ANTA GPS	3	88.71	16	3.90	16	24-Oct-17	22.41	25-Oct-17	12.50 RESERVE SHUTDOWN
ANTA GPS	3	88.71	16	3.90	16	25-Oct-17	22.21		RESERVE SHUTDOWN
DABRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22		RESERVE SHUTDOWN
ANTA GPS	4	153.00	16	3.90	16	25-Oct-17	22.26		RESERVE SHUTDOWN
DABRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30		RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43		RESERVE SHUTDOWN
ANTA GPS	1	88.00	16	3.90	16	25-Oct-17	22.57		RESERVE SHUTDOWN
DABRI GPS	1	130.00	22	5.30	22	25-Oct-17	23.00		RESERVE SHUTDOWN
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09		RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12		RESERVE SHUTDOWN
Total B ISTATE SECTOR- PLANNED OUTAGE		2586.30	337.00	87.10	337.00				

(B) FORCE OUTAGE

STATE SECTOR

NAME OF STATION	UNIT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE			
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	31-Oct-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	26-Oct-17	INSUFFICIENT COAL STOCK
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	26-Oct-17	INSUFFICIENT COAL STOCK
RAJWEST	2	135.00	120	0.00	0	19-Oct-17	9.21	26-Oct-17	HEAVY BED MATERIAL LEAKAGE
RAJWEST	7	135.00	120	28.68	120	20-Oct-17	23.00		HEAVY BED MATERIAL LEAKAGE
RANGARIH	STG02	50.00	40	9.60	40	21-Oct-17	15.54		DESYNCHRONIZED DUE TO TUBE LEAKAGE IN HRS02 & DM CONSUMPTION
STPS	1	250.00	229	55.00	229	23-Oct-17	12.53		FURNANCE PRESSURE VERY HIGH
RANGARIH	GT01	35.50	29	7.00	29	24-Oct-17	7.00		FORCED SD DUE TO LOW GAS AVAILABILITY
Total B ISTATE SECTOR- FORCED OUTAGE		1640.50	1437.00	316.08	1317.00				
CENTRAL SECTOR									
AURAIYA	GT#6	109.30	12			14-Oct-17	14.23	23-Oct-17	16.47 DUE TO SHOTAGE OF GAS/FUEL
AURAIYA	GT#4	111.19	18			14-Oct-17	14.29	23-Oct-17	16.48 DUE TO SHOTAGE OF GAS/FUEL
DABRI	GT#4	130.19	22	5.30	22	17-Oct-17	18.40		AWAITED
Total B ISTATE SECTOR- FORCED OUTAGE		350.68	52.00	5.30	22.00				
G.TOTAL			321.38	1339.00					

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 (\$).