



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

<b>Power Position 24-Oct-17</b>	<b>Point No.</b>
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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		
Oct-17										
01-Oct-17	2052.07	2034.37	1961.11	1990.31	24.09	22.57	9517	8968	50.00	144.93
02-Oct-17	1955.19	2042.94	2012.63	1890.88	39.62	8.14	9262	9016	49.97	162.66
03-Oct-17	1952.76	1977.65	1967.29	1867.72	40.89	1.81	9222	8471	49.93	90.25
04-Oct-17	1938.48	1989.21	1982.51	1796.01	24.27	-2.17	9115	8390	49.94	56.48
05-Oct-17	1959.56	1870.85	2039.94	1606.02	28.82	10.63	9061	7492	49.94	40.02
06-Oct-17	1914.81	1826.04	2025.64	1603.07	63.07	7.90	9252	7559	49.97	35.22
07-Oct-17	1895.69	1890.13	2028.58	1655.87	59.34	-2.91	8991	7844	49.95	40.98
08-Oct-17	1946.49	1895.40	2001.50	1672.43	21.65	20.49	9273	7812	49.98	25.02
09-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								
25-Oct-17										
26-Oct-17										
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	1989.08	1746.61	25.36	18.30	9528.91	8120.22	49.97	62.73
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	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							448.85	04-Aug-17		

## 2. Anticipated Availability/Generation Assessment 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
		23-Oct-17		
1	KTPS (1240/1240)	224.00	224.00	184.88
2	STPS (1500/1500)	55.00	110.00	67.18
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	26.89
4	RAMGARH (273.5/273.5)	37.00	37.00	34.75
5	RAPP-A(200/200)	41.00	41.00	41.87
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	37.50	37.50	36.92
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	219.00	219.00	343.06
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	419.00	284.00	262.90
11	WIND FARM (3980.40/4119.15)	52.50	40.00	59.23
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.85
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	29.23	24.15	24.15
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.77
17	BARSINGHAR LTPS(250/250)	53.00	53.00	42.04
18	RAJWEST (1080/1080)	172.00	172.00	144.63
	<b>TOTAL (A) : 1-18</b>	<b>1344.23</b>	<b>1246.65</b>	<b>1277.11</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	19.80	21.06	20.53
b)	DEHAR (198/ 990)	12.78	11.40	12.68
c)	PONG (231.66/396)	39.85	36.61	37.95
	<b>TOTAL : a TO c</b>	<b>72.42</b>	<b>69.08</b>	<b>71.16</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	89.25	80.71	76.84
e)	RIHAND (310.24/3000)	118.40	118.40	118.40
f)	UNCHAHAAR-I(20/420)	2.75	2.58	0.80
g)	UNCHAHAAR-II& III(61/630)	37.90	36.99	14.54
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	10.61	11.11	1.83
j)	DADRI GAS (77/830)	3.06	2.98	1.86
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)	9.60	9.50	9.50
n)	RAPP-B (125/440)	33.58	33.50	33.50
o)	RAPP-C (88/440)	19.91	19.86	19.86
p)	SALAL (20.36/690)	1.04	1.06	1.24
q)	URI (70.37/720)	2.84	2.90	2.77
r)	TANAKPUR (10.86/94)	1.61	1.61	1.59
s)	CHAMERA –I (105.84/540)	5.10	5.10	5.10
t)	CHAMERA-II (29.01/300)	2.13	2.06	2.06
u)	CHAMERA-III (25.21/231)	1.66	1.51	1.51
v)	DHAULIGANGA (27/280)	2.62	2.62	2.38
w)	DULHASTI (42.42/390)	6.85	6.74	6.53
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	12.98	13.36	11.74
z)	TEHRI (75/1000)	5.18	5.18	5.18
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	4.56	4.83	7.71
ab)	TALA	1.56	1.78	1.78
ac)	MUNDRA UMPP (380/4000)	60.00	60.42	60.42
ad)	SASAN (372/3960)	87.48	86.11	86.11
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.70	22.90	15.87
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	618.17	603.26	560.67
	LOSSES	-22.86	-22.23	-23.40
	NET SCHEDULED	<b>595.31</b>	<b>581.04</b>	<b>537.26</b>
21	BILATERAL (REG.) EXCL. BANKING	6.88	6.99	6.57
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.70	90.25	114.70
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-29.23	-24.15	-24.15
25	INDIAN ENERGY EXCHANGE	-13.48	3.57	3.57
	<b>TOTAL(B): (19 TO 25)</b>	<b>674.17</b>	<b>682.15</b>	<b>637.96</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1915.07</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.13
	<b>GRAND TOTAL</b>	<b>2018.40</b>	<b>1928.80</b>	<b>1927.20</b>
	LAST YEAR	1848.53	1788.88	1821.26

## 3.SYSTEM PARAMETERS AS ON 23-Oct-17

MAXIMUM DRAWL ON 23-Oct-17	9956 MW at 08.00-08.15 Hrs 50.02 Hz
MINIMUM DRAWL ON 23-Oct-17	7028 MW at 21.45-22.00 Hrs 50.00Hz
Max U/D of the day	383 MW at 18.00-18.15 HRS. 49.94 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	4
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	70
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	19
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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
AVERAGE FREQ. FOR THE DAY	23-Oct-17 49.96 Hz
Max O/D of the day	712 MW at 08.45-09.00 Hrs 49.98 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	17.55
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.13
ABOVE 50.05 HZ	4.32
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.	24-Oct-17	24-Oct-16		
Gandhi Sagar (Fl.)	1312	1250	1300.65	1311.79	2584	224
R.P.Sagar (Fl.)	1157.5	1128	1141.39	1155.86	7596	NA
Jawahar Sagar (Fl.)	980	970.4	975.80	974.50	8337	8319
Kota Barrage(Fl.)	854.5	852.3	854.30	854.20		
RMC					6075	
LMC					1300	
Bhakra(Fl.)	1690	1462	1664.60	1639.30	11788	10037
Dehar (Fl.)	2941	2900	2919.61	2918.30	3504	3353
Pong(Fl.)	1421	1260	1371.90	1362.41	14503	2329
Mahi-I (Mts.)	281.5	259	281.45	281.50	NA	NIL
Mahi-II (Mts.)	220.5	217	216.90	217.15	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
24-Oct-17	KTPS	60934	3 days
	STPS	70638	3 days
	CHHABRA	29000	4 days
	KALISINDH	60174	4.5 days

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

24-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	HRS6#2*	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	GT#2*	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)
KALISINDH	2	600.00	565	0.00	0	17-Oct-17	12.55	23-Oct-17	11.13	DESYNCHRONIZED DUE TO TECHNICAL PROBLEM(PERMISSION PENDING AT RUVNL. END LD MNO. OP/10/783/19.10.17)
STPS	4	250.00	229	55.00	229	19-Oct-17	20.35			BOXED UP
STPS	2	250.00	229	55.00	229	09-Oct-17	13.03	25-Oct-17		DESYNCHRONIZED DUE TO NON AVAILABILITY OF COAL STOCK
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	25-Oct-17		INSUFFICIENT COAL STOCK
KTPS	1	110.00	100	23.00	100	27-Sep-17	12.59	25-Oct-17		COAL SHORTAGE(permission not granted by RUVNL as per m.no. op/10/62&623 dt 23.10.17)
KTPS	2	110.00	100	23.00	100	27-Sep-17	18.30	25-Oct-17		COAL SHORTAGE(permission not granted by RUVNL as per m.no. op/10/62&623 dt 23.10.17)
Total(A) STATE SECTOR- PLANNED OUTAGE		1860.00	1672.00	263.80	1107.00					

## CENTRAL SECTOR

DABRI	GT#2	130.19	22	5.30	22	09-Sep-17	23.45			EOH INSPECTION FOR 4000HRS
ISTP(HHAIJAR)	2	500.00	5	1.20	5	30-Sep-17	21.10			COAL SHORTAGE
UNCHAHAR	2	210.00	11	2.70	11	08-Oct-17	12.22			COAL SHORTAGE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		840.19	38.00	9.20	38.00					

## (B) FORCE OUTAGE

## STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)			DATE	TIME	DATE	TIME	REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	31-Oct-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	25-Oct-17		INSUFFICIENT COAL STOCK
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	25-Oct-17		INSUFFICIENT COAL STOCK
RAJWEST	2	135.00	120	28.68	120	19-Oct-17	9.21	25-Oct-17		HEAVY BED MATERIAL LEAKAGE
RAJWEST	7	135.00	120	28.68	120	20-Oct-17	23.00			HEAVY BED MATERIAL LEAKAGE
RAMGARH	STG#2	50.00	40	9.60	40	21-Oct-17	15.54			DESYNCHRONIZED DUE TO TUBE LEAKAGE IN HRS#3 & DM CONSUMPTION
DCCPP	HRS#1	55.00	50	0.00	0	22-Oct-17	13.55	23-Oct-17	0.15	DESYNCHRONIZED DUE TO HEAVY FIRE OCCURRED AT NEAR PLANT SWITCHYARD
STPS	1	250.00	229	55.00	229	23-Oct-17	12.53			FURNACE PRESSURE VERY HIGH
KALISINDH	1	600.00	565	0.00	0	23-Oct-17	12.17	23-Oct-17	16.23	TECHNICAL PROBLEM
RAMGARH	GT#1	35.50	29	4.56	29	24-Oct-17	7.00			FORCED SD DUE TO LOW GAS AVAILABILITY
Total(B) STATE SECTOR-FORCED OUTAGE		2295.50	2052.00	342.72	1437.00					

## CENTRAL SECTOR

AURIYA	GT#6	109.30	12	2.90	12	14-Oct-17	14.23			DUE TO SHOTAGE OF GAS/FUEL
AURIYA	GT#4	111.19	18	4.40	18	14-Oct-17	14.29			DUE TO SHOTAGE OF GAS/FUEL
AURIYA	GT#1	111.19	18	4.40	18	14-Oct-17	16.59			DUE TO SHOTAGE OF GAS/FUEL
DABRI	GT#4	130.19	22	5.30	22	17-Oct-17	18.40			AWAITED
Total(B) CENTRAL SECTOR-FORCED OUTAGE		461.87	70.00	17.00	70.00					
G.TOTAL				359.72	1507.00					

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 (S).