



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

<b>Power Position 25-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		
01.Oct.17	2052.07	2034.37	1961.11	<b>1990.31</b>	24.09	22.57	9517	8968	50.00	144.93
02.Oct.17	1955.19	<b>2042.94</b>	2012.63	1890.88	39.62	8.14	9262	9016	49.97	<b>162.66</b>
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	<b>63.07</b>	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	<b>2087.98</b>	1612.83	14.62	28.33	9714	7336	49.96	49.30
12.Oct.17	<b>2121.39</b>	1677.86	2086.36	1663.90	9.99	31.90	<b>10367</b>	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	<b>38.99</b>	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	<b>50.01</b>	21.61
19.Oct.17	1988.87	1914.83	1857.71	1821.01	13.98	12.20	9453	8385	<b>50.01</b>	61.81
20.Oct.17	1943.79	1739.27	1796.29	1850.07	5.13	8.20	8964	<b>9263</b>	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								
26.Oct.17										
27.Oct.17										
28.Oct.17										
29.Oct.17										
30.Oct.17										
31.Oct.17										
MAXIMUM OF THE MONTH	<b>2121.39</b>	<b>2042.94</b>	<b>2087.98</b>	<b>1990.31</b>	<b>63.07</b>	<b>38.99</b>	<b>10367.00</b>	<b>9263.00</b>	<b>50.01</b>	<b>162.66</b>
MIN OF THE MONTH	<b>1869.32</b>	<b>1598.00</b>	<b>1796.29</b>	<b>1591.97</b>	<b>-8.03</b>	<b>-2.91</b>	<b>8964.00</b>	<b>7336.00</b>	<b>49.93</b>	<b>21.61</b>
AVERAGE	<b>1972.90</b>	<b>1845.91</b>	<b>1988.51</b>	<b>1750.94</b>	<b>24.71</b>	<b>18.25</b>	<b>9522.46</b>	<b>8134.04</b>	<b>49.97</b>	<b>61.02</b>
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 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
		24-Oct-17		
1	KTPS (1240/1240)	224.00	224.00	193.02
2	STPS (1500/1500)	55.00	55.00	46.37
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	26.25
4	RAMGARH (273.5/273.5)	35.00	37.00	34.74
5	RAPP-A(200/200)	41.00	41.00	41.99
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	37.50	37.50	38.34
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	219.00	219.00	337.46
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	419.00	419.00	341.79
11	WIND FARM (3980.40/4119.15)	32.25	52.50	21.79
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.23
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	12.97	29.23	29.23
16	BIOMASS – (101.95/119.25)	5.00	5.00	5.32
17	BARSINGHAR LTPS(250/250)	53.00	53.00	45.38
18	RAJWEST (1080/1080)	201.00	172.00	163.45
	<b>TOTAL (A) : 1-18</b>	<b>1334.72</b>	<b>1344.23</b>	<b>1326.36</b>
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	20.25	19.80	20.08
	b) DEHAR (198/ 990)	12.16	12.78	11.74
	c) PONG (231.66/396)	40.23	39.85	40.70
	<b>TOTAL : a TO c</b>	<b>72.63</b>	<b>72.42</b>	<b>72.52</b>
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	89.14	89.25	87.73
	e) RIHAND (310.24/3000)	118.40	118.40	118.40
	f) UNCHAHAR-I(20/420)	4.42	2.75	1.95
	g) UNCHAHAR-II& III(61/630)	33.16	37.90	19.07
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	9.69	10.61	5.20
	j) DADRI GAS (77/830)	2.99	3.06	2.86
	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)	9.55	9.60	9.60
	n) RAPP-B (125/440)	33.67	33.58	33.58
	o) RAPP-C (88/440)	19.91	19.91	19.91
	p) SALAL (20.36/690)	1.09	1.04	1.23
	q) URI (70.37/720)	3.00	2.84	2.77
	r) TANAKPUR (10.86/94)	1.59	1.61	1.54
	s) CHAMERA –I (105.84/540)	5.10	5.10	5.10
	t) CHAMERA-II (29.01/300)	2.32	2.13	1.93
	u) CHAMERA-III (25.21/231)	1.66	1.66	1.55
	v) DHAULIGANGA (27/280)	2.62	2.62	2.28
	w) DULHASTI (42.42/390)	5.44	6.85	6.09
	x) SEWA (13/120)	0.39	0.39	0.39
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	11.58	12.98	12.10
	z) TEHRI (75/1000)	4.99	5.18	5.18
	aa) KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	6.90	4.56	6.91
	ab) TALA	1.57	1.56	1.56
	ac) MUNDRA UMPP (380/4000)	88.32	60.00	60.00
	ad) SASAN (372/3960)	88.20	87.48	87.48
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	18.22	24.70	18.43
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	636.53	618.17	585.34
	LOSSES	-26.41	-22.86	-24.39
	NET SCHEDULED	<b>610.12</b>	<b>595.31</b>	<b>560.95</b>
21	BILATERAL (REG.) EXCL. BANKING	6.76	6.88	6.30
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.70	90.40	114.70
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-12.97	-29.23	-29.23
25	INDIAN ENERGY EXCHANGE	-31.81	-13.48	-13.48
	<b>TOTAL(B): (19 TO 25)</b>	<b>686.80</b>	<b>674.17</b>	<b>639.24</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1965.59</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			9.78
	<b>GRAND TOTAL</b>	<b>2021.52</b>	<b>2018.40</b>	<b>1975.37</b>
	LAST YEAR	1854.45	1848.53	1850.46

## 3. SYSTEM PARAMETERS AS ON 24-Oct-17

MAXIMUM DRAWL ON 24-Oct-17	9374 MW at 6.30 Hrs 49.87 Hz
MINIMUM DRAWL ON 24-Oct-17	7142 MW at 21.45-22.00 Hrs 50.02Hz
Max U/D of the day	441 MW at 22.15 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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	68
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	17
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	25-Oct-17	25-Oct-16		
Gandhi Sagar (Ft.)	1312	1250	1300.65	1311.77	2584	224
R.P.Sagar (Ft.)	1157.5	1128	1141.39	1155.25	7596	NA
Jawahar Sagar (Ft.)	980	970.4	975.80	975.10	8337	8319
Kota Barrage(Ft.)	854.5	852.3	854.30	854.00		
RMC					6075	
LMC					1300	
Bhakra(Ft.)	1690	1462	1664.60	1638.72	11788	10037
Dehar (Ft.)	2941	2900	2919.61	2919.35	3504	3353
Pong(Ft.)	1421	1260	1371.90	1362.14	14503	2329
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)

AVERAGE FREQ. FOR THE DAY 24-Oct-17		49.95 Hz		Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	498 MW at 8.30 Hrs 49.98 Hz						
Frequency Profile	% of Time						
LESS THAN 49.7 HZ	NA			STPS	82631	2.5 DAYS	
LESS THAN 49.90 HZ	0.00						
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	0.00			CHHABRA	20437	2.5 DAYS	
ABOVE 50.05 HZ	#VALUE!						
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			KALISINDH	55217	4 DAYS	
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	19						
No. of 132 KV Feeders Disconnected	0						

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

25.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	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	13.59	25.Oct.17			COAL SHORTAGE(permission not granted by RUVNL as per m.no. sp/10/6228623 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. sp/10/6228623 dt 23.10.17)
Total(A) STATE SECTOR- PLANNED OUTAGE		1260.00	1107.00	263.80	1107.00						
CENTRAL SECTOR											
DADRI	GT02	130.19	22	5.30	22	09.Sep.17	23.45				EOI INSPECTION FOR 4000HRS
ISTPP(HAJIAR)	2	500.00	5	1.20	5	30.Sep.17	21.10				COAL SHORTAGE
UNCHABAR	2	210.00	11	2.70	11	08.Oct.17	12.22	24.Oct.17	14.56		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				RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.90	12	24.Oct.17	21.55				RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.30	22	24.Oct.17	21.55				RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	24.Oct.17	22.05				RESERVE SHUTDOWN
ANTA GPS	1	88.71	20	7.50	20	24.Oct.17	22.11				RESERVE SHUTDOWN
ANTA GPS	4	153.40	16	3.90	16	24.Oct.17	22.14				RESERVE SHUTDOWN
ANTA GPS	3	88.71	16	3.90	16	24.Oct.17	22.41				RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1721.59	180.00	49.00	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		
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-1
STPS	6	250.00	229	55.00	229	11.Sep.17	0.10	25.Oct.17			INSUFFICIENT COAL STOCK
ADANI	1	660.00	600	144.00	600	23.Sep.17	5.45	25.Oct.17			INSUFFICIENT COAL STOCK
RAJWEST	2	135.00	120	0.00	0	19.Oct.17	9.21	25.Oct.17			HEAVY BED MATERIAL LEAKAGE
RAJWEST	7	135.00	120	28.65	120	20.Oct.17	23.00				HEAVY BED MATERIAL LEAKAGE
RAMGARH	STG02	50.00	40	9.60	40	21.Oct.17	15.54				DESYNCHRONIZED DUE TO TUBE LEAKAGE IN HRS03 & DM CONSUMPTION
STPS	1	250.00	229	55.00	229	23.Oct.17	12.53				FURNACE PRESSURE VERY HIGH
RAMGARH	GT01	35.50	29	4.96	29	24.Oct.17	7.00				FORCED SD DUE TO LOW GAS AVAILABILITY
Total(B) STATE SECTOR-FORCED OUTAGE		1640.50	1437.00	314.04	1317.00						
CENTRAL SECTOR											
AURAIYA	GT#6	109.30	12	2.90	12	14.Oct.17	14.23				DUE TO SHOTAGE OF GAS/FUEL
AURAIYA	GT#4	111.19	18	4.40	18	14.Oct.17	14.29				DUE TO SHOTAGE OF GAS/FUEL
AURAIYA	GT#1	111.19	18	0.00	0	14.Oct.17	16.59	24.Oct.17	15.15		DUE TO SHOTAGE OF GAS/FUEL
DADRI	GT#4	130.19	22	5.30	22	17.Oct.17	18.40				AWAITED
Total(B) CENTRAL SECTOR- FORCED OUTAGE		461.87	70.00	12.60	52.00						
G.TOTAL			326.64	1369.00							

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 (\$).