



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

Power Position 31-Oct-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. -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	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	10357	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	2011.35	1893.01	7.90	13.56	10098.00	8857	49.94	108.24
27-Oct-17	2057.48	1848.84	2029.63	1892.51	-7.36	25.31	9693.00	8759.00	49.92	46.54
28-Oct-17	1960.83	1852.75	2032.82	1861.74	-1.05	34.23	9976.00	8746.00	49.95	22.41
29-Oct-17	1986.13	1984.41	1960.97	1879.90	29.90	1.00	9534.00	8858.00	49.95	20.40
30-Oct-17	2001.00	1959.29	1968.98	1818.41	10.77	17.98	9656.00	9007.00	49.98	12.97
31-Oct-17	1994.50	1832.00								
MAXIMUM OF THE MONTH	2121.39	2042.94	2087.98	1990.31	63.07	38.99	10357.00	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	9533.60	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)							10357	(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
		30-Oct-17		
1	KTPS (1240/1240)	272.00	272.00	246.67
2	STPS (1500/1500)	110.00	110.00	91.23
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	25.64
4	RAMGARH (273.5/273.5)	44.00	37.00	43.33
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	43.24
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	169.86	219.00	214.59
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	359.00	359.00	351.37
11	WIND FARM (3980.40/4119.15)	30.00	29.50	12.97
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.89
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	34.39	33.25	33.25
16	BIOMASS – (101.95/119.25)	6.00	7.00	6.25
17	BARSINGHSAR LTPS(250/250)	0.00	0.00	0.00
18	RAJWEST (1080/1080)	172.00	172.00	168.52
	TOTAL (A) : 1-18	1275.75	1317.25	1280.94
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	19.75	19.40	19.89
	b) DEHAR (198/ 990)	10.08	10.08	9.82
	c) PONG (231.66/396)	37.85	39.56	39.56
	TOTAL : a TO c	67.68	69.04	69.27
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	83.16	81.36	87.98
	e) RIHAND (310.24/3000)	125.31	121.40	119.43
	f) UNCHAHAR-I(20/420)	5.26	2.59	2.51
	g) UNCHAHAR-II& III(61/630)	51.99	41.02	39.50
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.13	14.73	5.51
	j) DADRI GAS (77/830)	3.76	3.59	3.67
	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)	10.54	10.54	10.54
	n) RAPP-B (125/440)	34.01	33.93	33.93
	o) RAPP-C (88/440)	20.34	20.58	20.58
	p) SALAL (20.36/690)	0.99	0.99	0.99
	q) URI (70.37/720)	2.89	2.68	3.42
	r) TANAKPUR (10.86/94)	1.35	1.40	1.32
	s) CHAMERA –I (105.84/540)	4.51	4.51	4.51
	t) CHAMERA-II (29.01/300)	1.84	1.93	1.84
	u) CHAMERA-III (25.21/231)	1.41	1.41	1.41
	v) DHAULIGANGA (27/280)	1.94	1.96	1.96
	w) DULHASTI (42.42/390)	5.98	5.98	5.98
	x) SEWA (13/120)	0.39	0.39	0.39
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	11.54	11.54	10.93
	z) TEHRI (75/1000)	4.99	4.99	4.99
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	4.29	4.29	6.96
	ab) TALA	1.30	1.29	1.29
	ac) MUNDRA UMPP (380/4000)	88.80	78.96	78.96
	ad) SASAN (372/3960)	88.44	88.44	88.44
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	27.57	25.63	25.00
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	664.40	635.17	631.29
	LOSSES	-29.89	-28.35	-30.95
	NET SCHEDULED	634.51	606.82	600.34
21	BILATERAL (REG.) EXCL. BANKING	6.34	6.10	6.10
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.26	90.36	114.26
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-34.39	-33.25	-33.25
25	INDIAN ENERGY EXCHANGE	-1.98	-10.19	-10.19
	TOTAL(B): (19 TO 25)	718.74	683.75	677.27
	TOTAL GENERATION (A +B) : 1 TO 25			1958.21
	OVER DRAWAL (+)/UNDER DRAWAL (-)			10.77
	GRAND TOTAL	1994.50	2001.00	1968.98
	LAST YEAR	1832.00	1959.29	1818.41

3. SYSTEM PARAMETERS AS ON 30-Oct-17

MAXIMUM DRAWL ON 30-Oct-17	9656 MW at 07.15-07.30 Hrs 49.94 Hz
MINIMUM DRAWL ON 30-Oct-17	6898 MW at 04.00-04.15 Hrs 50.03 Hz
Max U/D of the day	249 MW at 08.00-08.15 HRS. 50.00 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	54
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
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	1
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 30-Oct-17	49.98 Hz
Max O/D of the day	346 MW at 20.00-20.15 Hrs 50.00 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	7.85
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	82.01
ABOVE 50.05 HZ	10.14
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.	31-Oct-17	31-Oct-16		
Gandhi Sagar (Ft.)	1312	1250	1300.49	1311.71	NIL	225
R.P.Sagar (Ft.)	1157.5	1128	1138.78	1153.04	9327	NA
Jawahar Sagar (Ft.)	980	970.4	975.90	976.40	8268	NA
Kota Barrage(Ft.)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1663.62	1636.44	11420	9085
Dehar (Ft.)	2941	2900	2919.75	2917.91	2742	3024
Pong(Ft.)	1421	1260	1368.32	1360.73	13800	2765
Mahi-I (Mts.)	281.5	259	281.45	281.50	NA	NIL
Mahi-II (Mts.)	220.5	217	217.95	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
31-Oct-17	KTPS	78865	4 DAYS
	STPS	132360	5 DAYS
	CHHABRA	12215	2 DAYS
	KALISINDH	33943	2.5 DAYS

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

31-Oct-17

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC / AVAIL. (MW)			OUTAGE		EXPECT./REWVAL		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	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)
STPS	4	250.00	229	55.00	229	19-Oct-17	20.35			BOXED UP
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15			INSUFFICIENT COAL STOCK(PERMISSION PENDING AT RUVNL END LD MNO. OP/10/571/21.10.17)
STPS	2	250.00	229	55.00	229	09-Oct-17	13.03			INSUFFICIENT COAL STOCK(PERMISSION PENDING AT RUVNL END LD MNO. OP/10/571/21.10.17)FFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10			INSUFFICIENT COAL STOCK (permission pending)
Total(A) STATE SECTOR- PLANNED OUTAGE		1290.00	1136.00	272.80	1136.00					
CENTRAL SECTOR										
DADRI	GT#2	130.19	22	5.30	22	09-Sep-17	23.45			EOH INSPECTION FOR 4000HRS
ISTPP(HAJAR)	2	500.00	5	1.20	5	30-Sep-17	21.10	05-Nov-17		COAL SHORTAGE
DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
ANTA GPS	2	88.71	20	7.50	20	24-Oct-17	21.49			RESERVE SHUTDOWN AND GENERAL MAINTENANCE W.E.F 00.00 HRS/5.10/RESERVE SHUTDOWN
ANTA GPS	3	88.71	16	3.90	16	25-Oct-17	22.21			RESERVE SHUTDOWN
DADRI 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
DADRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAYIA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
UNCHAHAR	1	210.00	11	2.70	11	25-Oct-17	22.53			ANNUAL MAINTENANCE
ANTA GPS	1	88.00	16	3.90	16	25-Oct-17	22.57			RESERVE SHUTDOWN
DADRI GPS	1	130.00	22	5.30	22	25-Oct-17	23.00			RESERVE SHUTDOWN
AURAYIA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAYIA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
Total(A)CENTRAL SECTOR- PLANNED OUTAGE		2133.80	248.00	62.80	248.00					
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
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-I
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	01-Nov-17		INSUFFICIENT COAL STOCK
RAJWEST	7	135.00	120	28.68	120	20-Oct-17	23.00	01-Nov-17		HEAVY BED MATERIAL LEAKAGE
RAMGARH	STG#1	37.50	10	3.00	10	28-Oct-17	4.38	03-Nov-17		DESYNCHRONIZED DUE TO LOAD REDUCE ON GT#2 S/D UPTO 03.11.2017 FOR CONDENSER TUBE CLEANING
RAMGARH	GT#2	37.50	29	7.50	29	28-Oct-17	4.50	31-Oct-17		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR TWO DAYS FOR REVOLIOR CLEANING BY GAIL
BARSINGAR	2	125.00	110	26.40	110	29-Oct-17	10.05	01-Nov-17		LIGNITE FEEDING SYSTEM PROBLEM
BARSINGAR	1	125.00	110	26.40	110	29-Oct-17	11.11	31-Oct-17		LIGNITE FEEDING SYSTEM PROBLEM
RAJWEST	1	135.00	120	28.68	120	29-Oct-17	11.45	03-Nov-17		BED MATERIAL LEAKAGE
CHHABRA	4	250.00	225	49.05	225	31-Oct-17	2.12	31-Oct-17		GENERATOR PROTECTION PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE		1630.00	1394.00	330.01	1394.00					
CENTRAL SECTOR										
DADRI	GT#4	130.19	22	0.00	0	17-Oct-17	18.40	17-Oct-17	20.35	AWAITED
SINGRAULI	3	200.00	34	0.00	0	29-Oct-17	20.21	30-Oct-17	7.22	EXCITATION PROBLEM
Total(B)CENTRAL SECTOR- FORCED OUTAGE		330.19	56.00	0.00	0.00					
G.TOTAL				330.01	1394.00					

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 (\$).