



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

Power Position 17-Nov-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. –NOV- 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		
Nov-17										
1-Nov-17	2009.41	1940.92	1998.02	1792.40	34.81	26.02	10042	8473	49.99	43.79
2-Nov-17	1965.07	1888.84	2032.70	1854.23	39.51	12.23	9814	8732	49.94	41.53
3-Nov-17	2115.84	1847.80	2077.30	1854.77	4.73	13.89	10315	8526	49.95	46.43
4-Nov-17	2027.68	1930.87	2071.16	1924.53	5.66	14.11	10325	9023	49.95	55.88
5-Nov-17	2112.90	2018.68	2030.42	1935.36	99.80	15.74	10314	9537	49.98	99.80
6-Nov-17	2085.27	1927.31	2083.96	1892.49	-3.94	30.69	10468	9368	49.91	32.21
7-Nov-17	1983.73	1928.57	2067.99	1921.25	28.29	34.83	10156	9319	49.90	18.47
8-Nov-17	1911.17	1979.34	2100.53	1941.10	49.30	39.37	10056	9640	49.95	30.47
9-Nov-17	1960.10	2021.50	2145.85	1927.33	43.41	18.27	10111	9522	49.96	42.99
10-Nov-17	2030.51	2018.59	2153.37	1950.22	16.28	24.03	11092	9653	49.95	50.41
11-Nov-17	2028.14	2007.07	2109.12	1944.37	5.44	15.97	10937	9731	49.97	89.34
12-Nov-17	2038.67	1785.99	2053.30	1896.62	15.96	39.58	10542	9112	49.97	79.51
13-Nov-17	2026.23	1988.97	2041.16	1912.90	31.74	15.53	10414	9349	49.96	74.36
14-Nov-17	2031.48	1968.08	2066.47	1923.63	23.25	29.95	10495	9406	49.95	67.56
15-Nov-17	2026.35	1934.62	2067.60	1910.31	40.24	33.50	10684	9454	49.97	119.25
16-Nov-17	2051.38	1896.57	2083.60	1886.96	0.32	26.22	10657	9305	49.97	143.22
17-Nov-17	2092.52	1896.40								
18-Nov-17										
19-Nov-17										
20-Nov-17										
21-Nov-17										
22-Nov-17										
23-Nov-17										
24-Nov-17										
25-Nov-17										
26-Nov-17										
27-Nov-17										
28-Nov-17										
29-Nov-17										
30-Nov-17										
1-Dec-17										
1-NOV.17	2009.41	1940.92								
MAXIMUM OF THE MONTH	2115.84	2021.50	2153.37	1950.22	99.80	39.58	11092.00	9731.00	49.99	143.22
MIN OF THE MONTH	1911.17	1785.99	1998.02	1792.40	-3.94	12.23	9814.00	8473.00	49.90	18.47
AVERAGE	2028.53	1944.23	2073.91	1904.28	27.18	24.37	10401.38	9259.38	49.95	64.70

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)

11092

(07.30-07.45 Hrs.)

10-Nov-17

MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)

2138.32

20-Sep-16

MAX.PEAK LOAD DURING THE FY 2016-17 (MW)

10348

(8.15-8.30 Hrs.)

25/1/2017

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.)

413.67

6-Jul-16

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
		16-Nov-17		
1	KTPS (1240/1240)	271.00	271.00	230.54
2	STPS (1500/1500)	275.00	275.00	219.39
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	31.73
4	RAMGARH (273.5/273.5)	34.00	37.00	31.84
5	RAPP-A(200/200)	41.00	41.00	42.34
6	MAHI (140/140)	0.00	0.00	6.35
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	34.55
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	221.00	167.00	314.46
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	201.00	201.00	194.36
11	WIND FARM (3980.40/4119.15)	142.00	84.00	143.22
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	22.50	25.15	24.81
16	BIOMASS – (101.95/119.25)	2.00	2.00	2.10
17	BARSINGHAR LTPS(250/250)	54.00	54.00	53.97
18	RAJWEST (1080/1080)	201.00	201.00	141.05
	TOTAL (A) : 1-18	1503.12	1396.77	1470.71
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.31	21.77	21.77
b)	DEHAR (198/ 990)	8.08	7.63	7.77
c)	PONG (231.66/396)	25.68	26.25	25.97
	TOTAL : a TO c	56.06	55.65	55.51
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	76.37	76.01	74.32
e)	RIHAND (310.24/3000)	114.94	119.34	119.34
f)	UNCHAHAHAR-I(20/420)	2.48	2.47	1.23
g)	UNCHAHAHAR-II& III(61/630)	20.98	21.12	9.19
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.06	14.22	4.91
j)	DADRI GAS (77/830)	3.15	3.07	2.11
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)	9.67	9.77	9.77
n)	RAPP-B (125/440)	34.27	34.18	34.18
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.76	0.79	0.79
q)	URI (70.37/720)	2.89	2.75	2.69
r)	TANAKPUR (10.86/94)	1.05	1.10	1.02
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.40	1.40	1.31
u)	CHAMERA-III (25.21/231)	0.93	0.93	0.93
v)	DHAULIGANGA (27/280)	1.47	1.60	1.45
w)	DULHASTI (42.42/390)	4.03	4.35	4.35
x)	SEWA (13/120)	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	9.14	9.13	9.13
z)	TEHRI (75/1000)	4.88	4.76	5.13
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	6.22	6.22	6.22
ab)	TALA	1.13	1.05	1.05
ac)	MUNDRA UMPP (380/4000)	56.32	64.05	62.53
ad)	SASAN (372/3960)	72.49	83.14	83.14
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.79	23.68	13.66
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	540.50	563.81	527.00
	LOSSES	-33.51	-34.83	-32.92
	NET SCHEDULED	506.99	528.98	494.08
21	BILATERAL (REG.) EXCL. BANKING	5.12	5.35	-3.57
22	BANKING	15.90	15.90	15.90
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.67	116.44	113.27
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-22.50	-25.15	-24.81
25	INDIAN ENERGY EXCHANGE	-29.78	17.70	17.70
	TOTAL(B): (19 TO 25)	589.40	654.61	612.56
	TOTAL GENERATION (A +B) : 1 TO 25			2083.28
	OVER DRAWAL (+)/UNDER DRAWAL (-)			0.32
	GRAND TOTAL	2092.52	2051.38	2083.60
	LAST YEAR	1896.40	1896.57	1886.97

3. SYSTEM PARAMETERS AS ON 16-Nov-17

MAXIMUM DRAWL ON 16-Nov-17	10657 MW at 7.45-8.00 Hrs 49.97 Hz
MINIMUM DRAWL ON 16-Nov-17	7106 MW at 04.00-04.15 Hrs 49.92Hz
Max U/D of the day	452 MW at 12.00 HRS. 50.03 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	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	55
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	28
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	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	6
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
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 16-Nov-17	49.97 Hz
Max O/D of the day	380 MW at 5.00 HRS 49.92 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.96
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.32
ABOVE 50.05 HZ	12.72
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.	17-Nov-17	17-Nov-16		
Gandhi Sagar (Ft.)	1312	1250	1298.93	1311.43	NIL	111
R.P.Sagar (Ft.)	1157.5	1128	1136.29	1147.58	77720	22902
Jawahar Sagar (Ft.)	980	970.4	976.10	978.20	8328	14711
Kota Barrage(Ft.)	854.5	852.3	854.40	854.50		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1659.69	1630.87	12810	7448
Dehar (Ft.)	2941	2900	2919.02	2917.51	2181	2119
Pong(Ft.)	1421	1260	1363.81	1354.83	9707	1563
Mahi-I (Mts.)	281.5	259	281.10	281.20	2121	NIL
Mahi-II (Mts.)	220.5	217	218.90	218.85	544	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
17/Nov/17	KTPS	30356	1.5 DAYS
	STPS	53955	2 DAYS
	CHHABRA	31872	4 DAYS
	KALISINDH	NIL	0 DAY

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

17/Nov/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 (S/D 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	2	250.00	229	55.00	229	9-Oct-17	13.03			INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RUVNL. END LD MNO. OP/10/57121.10/PERMISSION GRANTED BY RUVNL ON DT 07.11.17. GENERATOR T/F OIL RESULT ARE IMPROPER/PERMISSION PENDING AT RUVNL END DT 10.11.17)
Total(A) STATE SECTOR- PLANNED OUTAGE			540.00	449.00	107.80	449.00				
CENTRAL SECTOR										
DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADRI 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
UNCHAHAR	1	210.00	11	2.70	11	25-Oct-17	22.53			ANNUAL MAINTENANCE
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
AURAIYA GPS	2	111.19	18	4.40	18	10-Nov-17	20.59			LESS DEMAND
DADRI GPS	2	130.19	22	5.30	22	10-Nov-17	21.09			LESS DEMAND
AURAIYA GPS	5	109.30	12	2.90	12	10-Nov-17	21.10			LESS DEMAND
AURAIYA GPS	1	111.19	18	4.40	18	10-Nov-17	21.13			LESS DEMAND
ANTA GPS	3	88.71	31	7.50	31	10-Nov-17	21.21			LESS DEMAND
ANTA GPS	2	88.71	31	7.50	31	10-Nov-17	21.50			LESS DEMAND
ANTA GPS	4	153.20	34	8.20	34	10-Nov-17	21.51			LESS DEMAND
ANTA GPS	1	88.71	31	7.50	31	10-Nov-17	22.19			LESS DEMAND
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			1836.39	328.00	79.50	328.00				

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE				
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	17-Nov-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1	
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	17-Nov-17	INSUFFICIENT COAL STOCK	
RAMGARH	GT#2	37.50	29	7.00	29	28-Oct-17	4.50	17-Nov-17	DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER S/D FOR REVOLV OR CLEANING BY GAIL	
RAJWEST	1	135.00	120	28.68	120	29-Oct-17	11.45	17-Nov-17	BED MATERIAL LEAKAGE	
ADANI	2	660.00	600	144.00	600	8-Nov-17	5.55	17-Nov-17	INSUFFICIENT COAL STOCK	
CHHABRA	2	250.00	225	0.00	0	15-Nov-17	23.56	16-Nov-17	6.18	FALM FAILURE
RAMGARH	STG#1	37.50	29	0.00	0	16-Nov-17	4.02	16-Nov-17	11.37	CONTROL VALVE PROBLEM
RAMGARH	GT#3	110.00	100	0.00	0	16-Nov-17	6.04	16-Nov-17	7.00	FULL SPEED NO LOAD
RAMGARH	STG#2	50.00	40	0.00	0	16-Nov-17	6.04	16-Nov-17	16.12	FULL SPEED NO LOAD
RAMGARH	GT#3	110.00	100	0.00	0	16-Nov-17	9.07	16-Nov-17	11.22	VOLTAGE JERK
RAMGARH	STG#2	50.00	40	9.60	40	16-Nov-17	17.30			MANUALLY TRIP
Total(B) STATE SECTOR-FORCED OUTAGE			2225.00	1953.00	350.08	1459.00				
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
ISTPP(HAHAR)	2	500.00	5	1.20	5	8-Nov-17	16.10			DUE TO COAL SHORTAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE			1000.00	5.00	1.20	5.00				
G.TOTAL			351.28	1464.00						

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 (\$).