



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

Power Position 02-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	2017	2017
Oct-17	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
01-Nov-17	2009.41	1940.92	1998.02	1792.40	34.81	26.02	10042	8473	49.99	43.79
02-Nov-17	1965.07	1888.84								
03-Nov-17										
04-Nov-17										
05-Nov-17										
06-Nov-17										
07-Nov-17										
08-Nov-17										
09-Nov-17										
10-Nov-17										
11-Nov-17										
12-Nov-17										
13-Nov-17										
14-Nov-17										
15-Nov-17										
16-Nov-17										
17-Nov-17										
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										
01-Dec-17										
1-NOV-17	2009.41	1940.92								
MAXIMUM OF THE MONTH	2009.41	1940.92	1998.02	1792.40	34.81	26.02	10042.00	8473.00	49.99	43.79
MIN OF THE MONTH	1965.07	1888.84	1998.02	1792.40	34.81	26.02	10042.00	8473.00	49.99	43.79
AVERAGE	1997.16	1948.59	1998.02	1792.40	34.81	26.02	10042.00	8473.00	49.99	43.79
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 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
		1-Nov-17		
1	KTPS (1240/1240)	271.00	271.00	244.53
2	STPS (1500/1500)	110.00	110.00	95.17
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	27.39
4	RAMGARH (273.5/273.5)	41.00	43.00	41.63
5	RAPP-A(200/200)	41.00	41.00	42.25
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	38.72
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	164.00	168.31
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	360.00	359.00	346.98
11	WIND FARM (3980.40/4119.15)	23.00	19.00	43.79
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.44
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	13.79	23.08	23.08
16	BIOMASS – (101.95/119.25)	7.00	6.00	7.04
17	BARSINGHAR LTPS(250/250)	0.00	0.52	-1.12
18	RAJWEST (1080/1080)	172.00	172.00	143.54
	TOTAL (A) : 1-18	1239.41	1247.22	1223.75
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	20.61	20.24	20.25
b)	DEHAR (198/ 990)	10.26	9.51	9.98
c)	PONG (231.66/396)	35.38	38.80	37.75
	TOTAL : a TO c	66.25	68.55	67.99
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	79.78	81.36	81.26
e)	RIHAND (310.24/3000)	120.26	120.28	120.28
f)	UNCHAHAHAR-I(20/420)	4.47	2.58	2.19
g)	UNCHAHAHAR-II& III(61/630)	31.88	41.06	26.32
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.57	13.91	8.67
j)	DADRI GAS (77/830)	3.26	3.48	3.68
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	9.60	9.60
n)	RAPP-B (125/440)	33.93	33.93	33.93
o)	RAPP-C (88/440)	20.34	20.34	20.34
p)	SALAL (20.36/690)	1.02	0.95	1.06
q)	URI (70.37/720)	2.76	2.72	2.67
r)	TANAKPUR (10.86/94)	1.29	1.29	1.32
s)	CHAMERA –I (105.84/540)	3.92	4.51	3.92
t)	CHAMERA-II (29.01/300)	1.84	1.84	1.67
u)	CHAMERA-III (25.21/231)	1.31	1.31	1.15
v)	DHAULIGANGA (27/280)	1.82	1.82	1.67
w)	DULHASTI (42.42/390)	3.26	4.89	4.89
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	11.01	11.54	11.06
z)	TEHRI (75/1000)	4.76	4.99	4.99
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	4.08	3.76	6.60
ab)	TALA	1.23	1.23	1.23
ac)	MUNDRA UMPP (380/4000)	88.80	88.80	88.80
ad)	SASAN (372/3960)	72.84	88.44	87.07
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	31.79	26.49	26.45
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	616.47	640.05	619.20
	LOSSES	-27.44	-28.66	-30.21
	NET SCHEDULED	589.03	611.39	588.99
21	BILATERAL (REG.) EXCL. BANKING	6.10	6.10	5.77
22	BANKING	16.04	16.04	16.04
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	119.75	132.48	128.55
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-13.79	-23.08	-23.08
25	INDIAN ENERGY EXCHANGE	8.53	23.19	23.19
	TOTAL(B): (19 TO 25)	725.65	762.19	739.46
	TOTAL GENERATION (A +B) : 1 TO 25			1963.21
	OVER DRAWAL (+)/UNDER DRAWAL (-)			34.81
	GRAND TOTAL	1965.07	2009.41	1998.02
	LAST YEAR	1888.84	1792.92	

3. SYSTEM PARAMETERS AS ON 01-Nov-17

MAXIMUM DRAWL ON 01-Nov-17	10042 MW at 07.15-07.30 Hrs 49.94 Hz
MINIMUM DRAWL ON 01-Nov-17	7209 MW at 21.45-22.00 Hrs 50.01 Hz
Max U/D of the day	233 MW at 04.00-04.15 HRS, 50.01 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	51
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	43
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	8
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	40
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	9
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	4
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	1-Nov-17 49.99 Hz
Max O/D of the day	398 MW at 00.45-01.00 Hrs 49.97 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.96
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.41
ABOVE 50.05 HZ	9.63
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.	2-Nov-17	2-Nov-16		
Gandhi Sagar (Fl.)	1312	1250	1300.57	1311.69	NIL	54
R.P.Sagar (Fl.)	1157.5	1128	1137.96	1152.34	3449	NA
Jawahar Sagar (Fl.)	980	970.4	976.00	977.00	7910	6080
Kota Barrage(Fl.)	854.5	852.3	854.40	854.20		
RMC					6150	
LMC					1500	
Bhakra(Fl.)	1690	1462	1663.27	1635.84	12031	9112
Dehar (Fl.)	2941	2900	2919.81	2917.45	3038	2973
Pong(Fl.)	1421	1260	1367.48	1359.90	13007	2498
Mahi-I (Mts.)	281.5	259	281.45	281.50	NA	NIL
Mahi-II (Mts.)	220.5	217	217.40	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
2-Nov-17	KTPS		
	STPS		
	CHHABRA		
	KALISINDH		

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

2-Nov-17

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)
DCCFP	HRS02 ²	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN DCCFP END)
DCCFP	GT02 ²	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN DCCFP END)
STPS	4	250.00	229	55.00	229	19-Oct-17	20.35			BOXED UP
STPS	3	250.00	229	55.00	229	18-Sep-17	22.15			INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RVNL. END LD MNO. 09/10/57/21.10.17)
STPS	2	250.00	229	55.00	229	09-Oct-17	13.03			INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RVNL. END LD MNO. 09/10/57/21.10.17)EFFICIENT 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										
DABRI	GT02	130.19	22	5.30	22	09-Sep-17	23.45			FOR INSPECTION FOR 4000HRS
ESTPP(HAJAR)	2	500.00	5	0.00	0	20-Sep-17	21.10	21-Oct-17	20.14	COAL SHORTAGE
DABRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
ANTA GFS	2	88.71	20	7.50	20	24-Oct-17	21.49			RESERVE SHUTDOWN AND GENERAL MAINTENANCE W.E.F 00.00 HRS/25.10.17)RESERVE SHUTDOWN
ANTA GFS	3	88.71	16	3.90	16	25-Oct-17	22.21			RESERVE SHUTDOWN
DABRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
ANTA GFS	4	153.00	16	3.90	16	25-Oct-17	22.26			RESERVE SHUTDOWN
DABRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GFS	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 GFS	1	88.00	16	3.90	16	25-Oct-17	22.57			RESERVE SHUTDOWN
DABRI GFS	1	130.00	22	5.30	22	25-Oct-17	23.00			RESERVE SHUTDOWN
AURAIYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAIYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR-PLANNED OUTAGE		2133.80	248.00	61.60	243.00					
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	15-Nov-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	02-Nov-17		INSUFFICIENT COAL STOCK
RAJWEST	7	135.00	120	28.68	120	28-Oct-17	23.00	02-Nov-17		HEAVY BED MATERIAL LEAKAGE
RAMGARH	STG01	37.50	10	3.00	10	28-Oct-17	4.38	03-Nov-17		DESYNCHRONIZED DUE TO LOAD REDUCE ON GT02 SD UPTO 03.11.2017 FOR CONDENSER TUBE CLEANING
RAMGARH	GT02	37.50	29	7.00	29	28-Oct-17	4.50	02-Nov-17		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR TWO DAYS FOR REVOILOR CLEANING BY GAIL
BARSINGAR	2	125.00	110	26.40	110	29-Oct-17	10.05	02-Nov-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	2	250.00	225	54.00	225	31-Oct-17	19.33	02-Nov-17		OIL FLAME FAILURE
BARSINGAR	1	125.00	110	25.77	110	01-Nov-17	0.34	02-Nov-17		REFRACTORY DAMAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1630.00	1394.00	334.33	1394.00					
CENTRAL SECTOR										
SINGRAULI	3	200.00	34	8.20	34	31-Oct-17	1.31			DUE TO CLOSING OF CONTROL VALVE OF TURBINE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		200.00	34.00	8.20	34.00					
G.TOTAL			342.53	1428.00						

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).