



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

Power Position 03-Feb-12	Point No.
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1. Date-Wise Energy Availability, Consumption, Peak Load, Avg. Frequency –FEB. 2012

Date	Anticipated Availability (In LU)		Consumption (In LU)		Peak Load (In MW)		Average freq. (In Hz)
	2012	2011	2012	2011	2012	2011	2012
Feb-12							
1-Feb-12	1390.75	1377.88	1551.40	1579.23	7246	7228	49.76
2-Feb-12	1380.72	1304.62	1565.25	1526.11	7093	7289	49.78
3-Feb-12	1449.15	1385.76					
4-Feb-12							
5-Feb-12							
6-Feb-12							
7-Feb-12							
8-Feb-12							
9-Feb-12							
10-Feb-12							
11-Feb-12							
12-Feb-12							
13-Feb-12							
14-Feb-12							
15-Feb-12							
16-Feb-12							
17-Feb-12							
18-Feb-12							
19-Feb-12							
20-Feb-12							
21-Feb-12							
22-Feb-12							
23-Feb-12							
24-Feb-12							
25-Feb-12							
26-Feb-12							
27-Feb-12							
28-Feb-12							
29-Feb-12							
MAXIMUM OF THE MONTH	1449.15	1385.76	1565.25	1579.23	7246.00	7289.00	49.78
MAX.CONSUMPTION TILL DATE DURING THE FY 2011-12 (L.U.)					1608.70	26.01.12	
MAX.PEAK LOAD TILL DATE DURING THE FY 2011-12 (MW)					7519	(12.15-12.30 Hrs.)	ON 26.01.2012
MAX.CONSUMPTION DURING THE FY 2010-11 (LU)					1620.77	(22.01.11)	
MAX.PEAK LOAD DURING THE FY 2010-11 (MW)					7442	(12.15-12.30 Hrs.)	ON 06.02.2011

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.12.2011 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		2-Feb-12		
1	KTPS (1240/1240)	269.00	269.00	275.52
2	STPS (1500/1500)	323.00	323.00	325.55
3	DHOLPUR GAS CAPP (330/330)	53.00	53.00	54.57
4	RAMGARH (113.5/113.5)	11.00	11.00	10.68
5	RAPP-A(300/300)	0.00	0.00	0.00
6	MAHI (140/140)	8.00	8.00	5.64
7	CHAMBAL (RPS+JS) (135.5/271)	35.00	35.00	42.71
8	GIRAL LIGNITE (250/250)	12.00	12.00	13.86
9	CHHABRA TPS (500/500)	52.00	43.00	52.95
10	WIND FARM (1825.995/1825.995)	25.00	20.00	40.22
11	SOLAR POWER(54.5/54.5)	0.00	0.00	2.76
12	CAPTIVE POWER PLANTS	3.85	3.85	4.03
13	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
14	OPEN ACCESS	-5.00	-9.58	-4.92
15	BIOMASS – (91.30/91.30)	5.00	6.00	5.26
16	BARSINGHSAR LTPS(250/250)	43.00	43.00	44.18
17	RAJWEST (540/540)	110.00	85.00	90.77
	TOTAL : 1-17	944.85	902.27	963.78
18	BBMB COMPLEX			
a)	BHAKRA(225.30/1478.73)	30.37	30.29	30.37
b)	DEHAR (198/ 990)	5.52	5.52	5.12
c)	PONG (231.66/396)	24.24	25.71	23.12
	TOTAL : A TO C	60.13	61.51	58.61
19	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.46	56.01	69.02
e)	RIHAND (195/2000)	52.97	43.22	43.05
f)	UNCHAHAAR-I(19.99/420)	5.73	5.73	5.73
g)	UNCHAHAAR-II& III(61/630)	19.19	19.19	19.17
h)	INDIRA GANDHI STPS(JHAJHAR) (5.89/500)	1.10	1.10	0.92
i)	NCTPS DADRI St-II (9.9/100)	8.28	8.28	7.95
j)	DADRI GAS (77/830)	15.25	12.03	11.96
k)	NCTPS DADRI St-II (9.9/100)	13.19	12.27	12.27
l)	AURAIYA (61.03/663)	9.64	9.31	10.20
m)	NAPP (44/440)	3.90	3.90	3.90
n)	RAPP-B (125/440)	34.70	34.61	34.61
o)	RAPP-C (88/440)	22.03	22.03	22.03
p)	SALAL (20.36/690)	0.81	0.82	0.76
q)	URI (43.01/480)	2.75	2.69	2.76
r)	TANAKPUR (10.86/94)	0.35	0.37	0.35
s)	CHAMERA –I (105.84/540)	3.55	2.48	2.48
t)	CHAMERA-II (29.01/300)	1.35	1.32	1.32
u)	DHAULIGANGA (27/280)	1.02	0.98	0.98
v)	DULHASTI (42.42/390)	3.37	2.96	2.96
w)	SEWA (13/120)	1.23	1.38	1.38
x)	NJPC (112.05/1500)	5.18	5.23	5.23
y)	TEHRI (75/1000)	10.50	6.12	7.87
z)	KOTESHWR (9.9/100)	2.12	2.12	2.21
aa)	FRKKA+KHLGN+TLCHR (98.09/3440)	23.42	22.13	22.26
ab)	TALA	0.44	0.42	0.42
ac)	URS POWER	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO ac)	380.66	338.20	350.40
	LOSSES	-19.62	-48.33	-18.02
	NET SCHEDULED	361.04	326.59	332.38
20	BILATERAL (REG.) EXCL. BANKING	0.00	0.00	0.00
21	BANKING	61.57	61.57	61.57
22	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	8.02	8.02	8.02
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	5.00	9.57	4.92
24	INDIAN ENERGY EXCHANGE	68.68	72.69	72.69
	TOTAL(B): (18 TO 24)	504.30	478.44	479.57
	TOTAL GENERATION : 1 TO 24			1443.35
	OVER DRAWAL (+)/UNDER DRAWAL (-)			121.90
	GRAND TOTAL	1449.15	1380.71	1565.25
	LAST YEAR	1385.75	1304.62	1526.11

3.SYSTEM PARAMETERS AS ON 02-Feb-12

Maximum drawl on 02-Feb-12	7093 MW at 13.00-13.15 Hrs 49.85 HZ
Minimum drawl on 02-Feb-12	5965 MW at 19.30-19.45 Hrs. 49.54 Hz
Max U/D of the day	50 MW at 06.00-06.15 Hrs. 49.69 Hz
Max. O/D below 49.5 Hz	69 MW at 06.30-06.45 Hrs 49.48HZ
No. of Blocks Freq. < 49.5 Hz	2
No. of Violation Blocks Freq. < 49.5 Hz	2
No. of Blocks Freq. >= 49.5 & <49.7Hz	28
No. of Violation Blocks Freq. >= 49.5 & <49.7 Hz	12
Avr. Freq. for the day 02-Feb-12	49.78 Hz
Max O/D of the day	1279 MW at 0.45-1.00 Hrs 49.95 HZ
Frequency Profile	% of Time
Less than 48.80 Hz	0.00
Less than 49.50 Hz	6.90
Operating Range(49.50 Hz to 50.20 Hz)	92.30
Above 50.20 Hz	0.80
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	19
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	31
No. of 132 KV Feeders Disconnected	0

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge	Inflow
	Max.	Min.	3-Feb-12	3-Feb-11	(cusecs)	(cusecs)
Gandhi Sagar (Ft.)	1312	1250	1287.01	1251.68	7762	NIL
R.P.Sagar (Ft.)	1157	1128	1144.91	1134.19	8352	NIL
Jawahar Sagar (Ft.)	980	970.4	977.70	978.00	8749	NIL
Kota Barrage(Ft.)	854.5	852.3	854.50	854.20		
RMC					5314	
LMC					1500	
Bhakra(Ft.)	1690	1462	1625.42	1635.72	19000	4794
Dehar (Ft.)	2941	2900	2921.19	2922.37	1774	1628
Pong(Ft.)	1421	1260	1348.87	1360.33	9005	2313
Mahi-I (Mts.)	281.5	259	275.20	265.45	2609	NIL
Mahi-II (Mts.)	220.5	217	217.85	217.10	NIL	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
3/feb/12	KTPS	(212000+0)	1 day
3/feb/12	STPS	(64414+0)	2.5 days
3/feb/12	CHHABRA	(9530+0)	1 day

6. GENERATING UNIT OUTAGE REPORT UP TO 9.00 HRS OF DT. 3/feb/12

(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								
VSLP	1 (@)	135	118	17-Jan-12	3.52	6-Feb-12		DESYNCRONISED FOR ANNUAL MAINT. (S/D)
CENTRAL SECTOR								
NAPP	1 (@)	220.00	19	19-Jan-12	14.32			TURBINE PROBLEM (MT & TAKEN UNDER BIENNIAL S/D)
SINGRAULI	5 (@)	200.00	34	11-Jan-12	2.24	15-Mar-12		OVER HAULING(ANNUAL S/D)
AURAIYA	GT# 2 (*)	111.19	18	26-Jan-12	0.57			CLOSED BY STATION DUE TO LOW REQUISITION BY THE STATE
ANTA	GT# 1 (*)	88.70	31	31-Jan-12	10.26			CLOSED BY STATION DUE TO LOW REQUISITION BY THE STATE
DADRI	GT# 3 (*)	130.19	22	1-Feb-12	21.55	2-Feb-12	19.04	CLOSED BY STATION DUE TO LOW REQUISITION BY THE STATE
DADRI	GT# 6 (*)	154.51	16	1-Feb-12	22.04			CLOSED BY STATION DUE TO LOW REQUISITION BY THE STATE
DADRI	GT# 4 (*)	130.19	22	1-Feb-12	22.07			CLOSED BY STATION DUE TO LOW REQUISITION BY THE STATE

(B) FORCED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY MW	NET ALLOC./ AVAIL. (MW)	Loss		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
				LU	MW	DATE	TIME	DATE	TIME	
STATE SECTOR										
GIRAL	1	125	60	14.40	60	11-Jan-12	6.59	10-Feb-12		BOILER LEAKAGE
RAMGARH	GT # 2	37.5	31	5.00	21	18-Jan-12	1.25			HIGH EXHAUST TEMP.SPREAD TRIP
CHHABRA	2	250.0	190	46.00	190	26-Jan-12	3.11			MILL BEARING TEMP.INCREASE (BOX UP DUE TO COAL SHORTAGE)
RAPP	2	200.0	180	43.00	180	29-Jan-12	6.47	6-Feb-12		TRIPPED ON PROCESS TRANSIENT
RAJWEST	1	135.0	118	0.00	0	30-Jan-12	23.19	2-Feb-12	16.40	LEAKAGE IN CONDENSATE WATER LINE
TOTAL				108.40	451.00					
CENTRAL SECTOR										
RIHAND	1	500.00	58.00	3.50	0	31-Jan-12	22.14	3-Feb-12	4.08	BOILER TUBE LEAKAGE
SINGRAULI	7	500.00	85.00	0.00	0	1-Feb-12	11.02	2-Feb-12	8.12	BOILER TUBE LEAKAGE
TOTAL				3.50	0.00					
G.TOTAL				111.90	451.00					

Note :- Loss of Generation shall not be consider in case unit is boxup due to low demand (*), planned annual shut down (@) and COD is not declared (\$)