



# RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD

LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

<b>Power Position 31-Jan-12</b>	<b>Point No.</b>
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### 1. Date-Wise Energy Availability, Consumption, Peak Load, Avg. Frequency –JAN. 2012

Date	Anticipated Availability (In LU)		Consumption (In LU)		Peak Load (In MW)		Average freq. (In Hz)
	2012	2011	2012	2011	2012	2011	2012
Jan-12							
1-Jan-12	1366.60	1223.05	1522.17	1405.35	6830	6760	50.03
2-Jan-12	1271.00	1194.15	1477.99	1392.95	6978	6785	49.91
3-Jan-12	1278.90	1209.88	1450.46	1447.70	6827	7049	49.73
4-Jan-12	1281.19	1219.11	1462.57	1419.98	6852	6782	49.67
5-Jan-12	1370.27	1280.25	1532.67	1431.37	7165	6907	49.74
6-Jan-12	1418.38	1308.59	1534.70	1462.10	7219	7039	49.88
7-Jan-12	1471.46	1351.34	1540.18	1503.77	6965	7257	49.92
8-Jan-12	1387.10	1424.28	1523.15	1508.18	7011	7056	49.92
9-Jan-12	1290.19	1420.84	1467.99	1516.77	7115	7255	49.89
10-Jan-12	1406.25	1424.36	1551.32	1527.11	7141	7256	49.87
11-Jan-12	1441.93	1422.88	1545.00	1566.61	7229	7407	49.81
12-Jan-12	1432.79	1374.30	1497.71	1560.38	7117	7188	49.73
13-Jan-12	1396.53	1324.68	1536.68	1547.45	6823	7119	49.72
14-Jan-12	1478.10	1397.61	1533.00	1518.69	7006	6959	49.86
15-Jan-12	1465.11	<b>1494.39</b>	1506.77	1552.64	6977	7078	49.97
16-Jan-12	1434.25	1353.97	1508.69	1546.49	7273	7293	49.96
17-Jan-12	1422.09	1348.01	1504.39	1553.09	7255	7230	49.80
18-Jan-12	1381.46	1335.57	1482.19	1570.18	7111	7247	49.77
19-Jan-12	1397.35	1329.03	1532.38	1562.52	7248	7408	49.76
20-Jan-12	1432.82	1341.84	1593.30	1569.67	7355	7078	49.80
21-Jan-12	1467.15	1392.47	1593.57	1598.78	7414	7383	49.78
22-Jan-12	1496.13	1436.13	1582.25	<b>1620.77</b>	7350	7283	49.85
23-Jan-12	1498.66	1379.68	1580.89	1575.54	7302	7315	49.80
24-Jan-12	1462.55	1343.11	1601.14	1568.11	7470	7129	49.76
25-Jan-12	1493.65	1415.70	1597.86	1605.90	7424	7318	49.80
26-Jan-12	1429.55	1428.89	<b>1608.70</b>	1568.31	<b>7519</b>	7266	49.87
27-Jan-12	1450.03	1394.05	1571.03	1582.03	7306	<b>7531</b>	49.88
28-Jan-12	1489.89	1317.59	1595.74	1586.18	7213	7226	49.86
29-Jan-12	<b>1512.78</b>	1378.46	1577.94	1595.87	7226	7331	49.91
30-Jan-12	1465.79	1364.61	1575.89	1596.67	7211	7266	49.90
31-Jan-12	1416.92	1342.14					
1-Feb-12							
<b>MAXIMUM OF THE MONTH</b>	<b>1512.78</b>	<b>1494.39</b>	<b>1608.70</b>	<b>1620.77</b>	<b>7519.00</b>	<b>7531.00</b>	<b>50.03</b>
<b>MAX.CONSUMPTION TILL DATE DURING THE FY 2011-12 (L.U.)</b>			<b>1608.70</b>	<b>26-Jan-12</b>			
<b>MAX.PEAK LOAD TILL DATE DURING THE FY 2011-12 (MW)</b>			<b>7519</b>	<b>(12.15-12.30 Hrs.) ON 26.01.2012</b>			
<b>MAX.CONSUMPTION DURING THE FY 2010-11 (LU)</b>			<b>1620.77</b>	<b>(22.01.11)</b>			
<b>MAX.PEAK LOAD DURING THE FY 2010-11 (MW)</b>			<b>7442</b>	<b>(12.15-12.30 Hrs.) ON 06.02.2011</b>			

## 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
		30-Jan-12		
1	KTPS (1240/1240)	269.00	269.00	272.88
2	STPS (1500/1500)	322.00	323.00	297.36
3	DHOLPUR GAS CCGP (330/330)	53.00	53.00	54.63
4	RAMGARH (113.5/113.5)	11.00	11.00	11.00
5	RAPP-A(300/300)	0.00	0.00	0.00
6	MAHI (140/140)	8.00	8.00	10.08
7	CHAMBAL (RPS+JS) (135.5/271)	35.00	35.00	43.73
8	GIRAL LIGNITE (250/250)	12.00	12.00	13.83
9	CHHABRA TPS (500/500)	43.00	43.00	44.28
10	WIND FARM (1825.995/1825.995 )	5.00	30.00	44.99
11	SOLAR POWER(54.5/54.5)	0.00	0.00	2.45
12	CAPTIVE POWER PLANTS	5.50	5.50	5.50
13	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
14	OPEN ACCESS	0.85	-16.51	-16.51
15	BIOMASS – (91.30/91.30)	10.00	9.00	9.81
16	BARSINGHSAR LTPS(250/250)	43.00	42.00	45.34
17	RAJWEST (540/540)	85.00	113.00	114.01
	<b>TOTAL : 1-17</b>	<b>902.35</b>	<b>936.99</b>	<b>953.37</b>
18	BBMB COMPLEX			
a)	BHAKRA(225.30/1478.73)	30.05	29.95	30.09
b)	DEHAR (198/ 990)	5.52	5.75	5.52
c)	PONG (231.66/396)	27.52	28.90	28.90
	<b>TOTAL : A TO C</b>	<b>63.10</b>	<b>64.60</b>	<b>64.52</b>
19	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.46	78.24	78.24
e)	RIHAND (195/2000)	57.18	57.18	57.18
f)	UNCHAHAAR-I(19.99/420)	5.73	5.73	5.73
g)	UNCHAHAAR-II& III(61/630)	19.19	19.19	19.19
h)	INDIRA GANDHI STPS(JHAJHAR) (5.89/500)	1.10	1.10	1.10
i)	NCTPS DADRI St-II ( 9.9/100)	8.28	6.79	6.79
j)	DADRI GAS (77/830)	13.08	14.03	14.03
k)	NCTPS DADRI St-II ( 9.9/100)	14.40	14.68	14.98
l)	AURAIYA (61.03/663)	8.24	9.63	9.56
m)	NAPP (44/440)	3.90	3.90	3.90
n)	RAPP-B (125/440)	34.70	34.87	34.87
o)	RAPP-C (88/440)	22.03	22.03	22.03
p)	SALAL (20.36/690)	0.80	0.90	0.88
q)	URI (43.01/480)	2.52	2.47	2.65
r)	TANAKPUR (10.86/94)	0.38	0.38	0.35
s)	CHAMERA –I (105.84/540)	2.41	3.72	3.72
t)	CHAMERA-II (29.01/300)	1.33	1.40	1.40
u)	DHAULIGANGA (27/280)	1.02	1.01	1.01
v)	DULHASTI (42.42/390)	2.57	2.48	2.86
w)	SEWA (13/120)	0.55	0.78	0.78
x)	NJPC (112.05/1500)	5.67	5.23	5.66
y)	TEHRI (75/1000)	4.37	4.37	4.37
z)	KOTESHWAR ( 9.9/100)	1.54	1.90	1.78
aa)	FRKKA+KHLGN+TLCHR (98.09/3440)	22.13	24.13	24.13
ab)	TALA	0.23	0.23	0.23
ac)	URS POWER	0.00	0.00	0.00
	<b>TOTAL SCHEDULED(a TO ac)</b>	<b>374.92</b>	<b>380.97</b>	<b>381.96</b>
	LOSSES	-19.37	-19.64	-19.71
	<b>NET SCHEDULED</b>	<b>355.55</b>	<b>361.33</b>	<b>362.25</b>
20	BILATERAL (REG.) EXCL. BANKING	0.00	0.00	0.00
21	BANKING	130.72	122.59	122.59
22	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	10.69	10.69	10.69
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-0.85	16.51	16.51
24	INDIAN ENERGY EXCHANGE	18.47	17.68	17.68
	<b>TOTAL(B): (18 TO 24)</b>	<b>514.57</b>	<b>528.80</b>	<b>529.71</b>
	<b>TOTAL GENERATION : 1 TO 24</b>			<b>1483.09</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			92.80
	<b>GRAND TOTAL</b>	<b>1416.92</b>	<b>1465.79</b>	<b>1575.89</b>
	LAST YEAR	1342.14	1364.61	1596.67

**3.SYSTEM PARAMETERS AS ON 30-Jan-12**

Maximum drawl on 30-Jan-12	7211 MW at 18.45-19.00 Hrs 49.83 HZ
Minimum drawl on 30-Jan-12	5718 MW at 04.00-04.15 Hrs. 50.32 Hz
Max U/D of the day	383 MW at 06.00-06.15 Hrs. 50.00 Hz
Max. O/D below 49.5 Hz	0 MW at
No. of Blocks Freq. < 49.5 Hz	0
No. of Violation Blocks Freq. < 49.5 Hz	0
No. of Blocks Freq. >= 49.5 & <49.7Hz	5
No. of Violation Blocks Freq. >= 49.5 & <49.7 Hz	3
Avr. Freq. for the day 30-Jan-12	49.90 Hz
Max O/D of the day	1018 MW at 17.00-17.15 Hrs 49.97 HZ
<b>Frequency Profile</b>	<b>% of Time</b>
Less than 48.80 Hz	0.00
Less than 49.50 Hz	0.80
Operating Range(49.50 Hz to 50.20 Hz)	91.80
Above 50.20 Hz	7.40
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-Jan-12	31-Jan-11	30-Jan-12	30-Jan-12
Gandhi Sagar (Ft.)	1312	1250	1287.52	1252.40	3758	NIL
R.P.Sagar (Ft.)	1157	1128	1145.18	1134.72	8669	NIL
Jawahar Sagar (Ft.)	980	970.4	977.50	976.00	8602	NIL
Kota Barrage(Ft.)	854.5	852.3	854.50	854.20		
RMC					5282	
LMC					1500	
Bhakra(Ft.)	1690	1462	1628.08	1638.00	19221	4876
Dehar (Ft.)	2941	2900	2921.58	2920.47	1619	1739
Pong(Ft.)	1421	1260	1349.97	1361.38	11004	2402
Mahi-I (Mts.)	281.5	259	275.45	265.80	3171	NIL
Mahi-II (Mts.)	220.5	217	218.65	218.55	681	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/Jan/12	KTPS	(17800+0)	0.5 days
31/Jan/12	STPS	(95718+0)	3.5 days
31/Jan/12	CHHABRA	(900+0)	Nil

**6. GENERATING UNIT OUTAGE REPORT UP TO 9.00 HRS OF DT.**
**31/Jan/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	
<b>STATE SECTOR</b>								
VSLP	1 (@)	135	118	17-Jan-12	3.52	6-Feb-12		DESYNCRONISED FOR ANNUAL MAINT. (S/D)
<b>CENTRAL SECTOR</b>								
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

**(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	
<b>STATE SECTOR</b>										
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	1-Feb-12		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			TRIPPED ON PROCESS TRANSIENT
STPS	1	250.0	229	0.00	0	30-Jan-12	12.06	30-Jan-12	19.53	HEAVY STEAM LEAKAGE AT HC APRDS DRAIN LINE VALVE
RAJWEST	1	135.0	118	28.32	118	30-Jan-12	23.19			LEAKAGE IN CONDENSATE WATER LINE
TOTAL				136.72	569.00					
<b>CENTRAL SECTOR</b>										
TOTAL				0.00	0.00					
G.TOTAL				136.72	569.00					

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 (\$).