



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD

LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 27-Jan-12	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, 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	1494.39	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	1620.77	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	1608.70	1568.31	7519	7266	49.87
27-Jan-12	1450.03	1394.05					
28-Jan-12							
29-Jan-12							
30-Jan-12							
31-Jan-12							
1-Feb-12							
MAXIMUM OF THE MONTH	1498.66	1494.39	1608.70	1620.77	7519.00	7408.00	50.03
MAX.CONSUMPTION TILL DATE DURING THE FY 2011-12 (L.U.)			1608.70			26-Jan-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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		25-Jan-12			26-Jan-12		
1	KTPS (1240/1240)	269.00	269.00	275.09	269.00	269.00	277.51
2	STPS (1500/1500)	268.00	266.00	271.32	268.00	268.00	270.95
3	DHOLPUR GAS CCGP (330/330)	53.00	53.00	54.33	53.00	53.00	54.56
4	RAMGARH (113.5/113.5)	10.00	10.00	10.26	10.00	10.00	11.10
5	RAPP-A(300/300)	40.00	40.00	47.90	43.00	40.00	48.10
6	MAHI (140/140)	8.00	8.00	10.23	8.00	8.00	6.76
7	CHAMBAL (RPS+JS) (135.5/271)	35.00	35.00	33.63	35.00	35.00	42.55
8	GIRAL LIGNITE (250/250)	14.00	15.00	12.67	12.00	14.00	12.38
9	CHHABRA TPS (500/500)	49.00	86.00	88.45	50.00	49.00	52.39
10	WIND FARM (1825.995/1825.995)	40.00	40.00	84.19	30.00	40.00	59.34
11	SOLAR POWER(54.5/54.5)	0.00	0.00	2.21	0.00	0.00	2.52
12	CAPTIVE POWER PLANTS	5.50	5.50	5.59	5.50	5.50	5.40
13	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00
14	OPEN ACCESS	-16.63	-1.98	-1.98	-5.27	-16.63	-16.63
15	BIOMASS – (91.30/91.30)	7.00	7.00	7.18	9.00	7.00	9.50
16	BARSINGHSAR LTPS(250/250)	40.00	40.00	44.20	42.00	40.00	44.30
17	RAJWEST (540/540)	84.00	110.00	97.00	100.00	84.00	84.42
	TOTAL : 1-17	905.87	982.52	1042.27	929.23	905.87	965.15
18	BBMB COMPLEX						
a)	BHAKRA(225.30/1478.73)	28.75	27.63	28.59	28.88	28.75	28.88
b)	DEHAR (198/ 990)	5.70	5.70	5.70	6.10	5.70	6.10
c)	PONG (231.66/396)	19.15	16.33	17.88	18.98	19.15	18.98
	TOTAL : A TO C	53.60	49.66	52.17	53.96	53.60	53.96
19	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)	78.24	78.24	78.24	78.24	78.24	78.24
e)	RIHAND (195/2000)	57.81	57.65	57.65	57.68	57.81	57.46
f)	UNCHAHAAR-I(19.99/420)	5.67	5.41	5.41	5.67	5.67	5.67
g)	UNCHAHAAR-II& III(61/630)	19.10	18.20	18.20	19.10	19.10	19.10
h)	INDIRA GANDHI STPS(JHAJHAR) (5.89/500)	1.10	1.10	1.10	1.10	1.10	1.10
i)	NCTPS DADRI St-II (9.9/100)	8.28	8.28	8.28	8.28	8.28	8.28
j)	DADRI GAS (77/830)	14.31	15.18	15.18	15.37	14.31	15.52
k)	NCTPS DADRI St-II (9.9/100)	16.13	15.45	15.45	16.32	16.13	17.17
l)	AURAIYA (61.03/663)	8.08	10.17	10.17	7.51	8.08	6.73
m)	NAPP (44/440)	3.58	3.56	3.56	3.61	3.58	3.58
n)	RAPP-B (125/440)	34.87	34.87	34.87	34.87	34.87	34.87
o)	RAPP-C (88/440)	22.03	22.03	22.03	22.03	22.03	22.03
p)	SALAL (20.36/690)	1.03	0.97	0.89	1.03	1.03	0.95
q)	URI (43.01/480)	3.12	2.64	2.63	3.13	3.12	2.74
r)	TANAKPUR (10.86/94)	0.43	0.41	0.37	0.41	0.43	0.43
s)	CHAMERA –I (105.84/540)	6.23	5.97	5.97	4.13	6.23	6.23
t)	CHAMERA-II (29.01/300)	1.34	1.33	1.42	1.51	1.34	1.46
u)	DHAULIGANGA (27/280)	1.11	1.06	1.06	1.00	1.11	1.11
v)	DULHASTI (42.42/390)	3.08	2.27	2.27	2.33	3.08	3.08
w)	SEWA (13/120)	0.92	0.43	0.43	1.05	0.92	0.92
x)	NJPC (112.05/1500)	5.26	5.23	5.58	5.23	5.26	5.52
y)	TEHRI (75/1000)	7.66	7.66	7.66	7.66	7.66	7.00
z)	KOTESHWAR (9.9/100)	2.69	2.84	2.84	2.69	2.69	2.84
aa)	FRKKA+KHLGN+TLCHR (98.09/3440)	28.02	28.23	28.23	29.27	28.02	28.02
ab)	TALA	0.25	0.25	0.25	0.24	0.25	0.25
ac)	URS POWER	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO ac)	383.94	379.09	381.91	383.42	383.94	384.26
	LOSSES	-19.71	-19.46	-19.61	-19.68	-19.71	-19.73
	NET SCHEDULED	364.23	359.63	362.31	363.74	364.23	364.53
20	BILATERAL (REG.) EXCL. BANKING	0.00	0.00	0.00	0.00	0.00	0.00
21	BANKING	122.40	127.18	127.18	122.40	122.40	122.40
22	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	0.00	0.00	0.00	10.69	0.00	0.00
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	16.63	1.98	1.98	5.27	16.63	16.63
24	INDIAN ENERGY EXCHANGE	20.41	22.34	22.34	18.69	20.41	20.41
	TOTAL(B): (18 TO 24)	523.68	511.13	513.81	520.80	523.68	523.97
	TOTAL GENERATION : 1 TO 24			1556.08			1489.13
	OVER DRAWAL (+)/UNDER DRAWAL (-)			41.78			119.58
	GRAND TOTAL	1429.55	1493.65	1597.86	1450.03	1429.55	1608.70
	LAST YEAR	1428.89	1415.70	1605.90	1394.05	1428.89	1568.31

3. SYSTEM PARAMETERS AS ON 26-Jan-12

Maximum drawl on 26-Jan-12	7519 MW at 12.15-12.30 Hrs 49.86 HZ
Minimum drawl on 26-Jan-12	5962 MW at 04.00-04.15 Hrs. 50.04 Hz
Max U/D of the day	296 MW at 18.00-18.15 Hrs. 50.03 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	11
No. of Violation Blocks Freq. >= 49.5 & <49.7 Hz	8
Avr. Freq. for the day 26-Jan-12	49.87 Hz
Max O/D of the day	1339 MW at 12.15-12.30 Hrs 49.86 HZ
Frequency Profile	% of Time
Less than 48.80 Hz	0.00
Less than 49.50 Hz	1.50
Operating Range(49.50 Hz to 50.20 Hz)	94.90
Above 50.20 Hz	3.60
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	3
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	27
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.	27-Jan-12	27-Jan-11	26-Jan-12	26-Jan-12
Gandhi Sagar (Ft.)	1312	1250	1287.89	1253.61	5499	NIL
R.P.Sagar (Ft.)	1157	1128	1146.04	1135.52	8468	NIL
Jawahar Sagar (Ft.)	980	970.4	977.40	976.70	8506	NIL
Kota Barrage(Ft.)	854.5	852.3	854.40	854.30		
RMC					5312	
LMC					1500	
Bhakra(Ft.)	1690	1462	1631.41	1640.96	18461	6050
Dehar (Ft.)	2941	2900	2922.11	2920.99	1688	1625
Pong(Ft.)	1421	1260	1351.33	1362.26	7600	2552
Mahi-I (Mts.)	281.5	259	275.75	266.35	3093	NIL
Mahi-II (Mts.)	220.5	217	218.60	217.85	0	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
27/Jan/12	KTPS	25200	1 day
27/Jan/12	STPS	107640	4 days
27/Jan/12	CHHABRA	1296	

6. GENERATING UNIT OUTAGE REPORT UP TO 9.00 HRS OF DT.

27/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	
STATE SECTOR								
VSLP	1 (@)	135	118	17-Jan-12	3.52	6-Feb-12		DESYNCRONISED FOR ANNUAL MAINT. (S/D FOR 20 DAYS)
CENTRAL SECTOR								
AURAIYA	GT # 4 (*)	111.19	18	9-Jan-12	00.44			CLOSED BY PLANT DUE TO LOW REQUISITION BY THE STATE
NAPP	1 (@)	220.00	19	19-Jan-12	14.32			TURBINE PROBLEM (MT & TAKEN UNDER BIANNUAL S/D)
SINGRAULI	5 (@)	200.00	34	11-Jan-12	2.24	26-Feb-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
DADRI	GT# 2 (*)	130.19	22	26-Jan-12	20.04			CLOSED BY STATION DUE TO LOW REQUISITION BY THE STATE
ANTA	GT# 1 (*)	88.71	31	26-Jan-12	20.10			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	21.00	18-Jan-12	1.25	1-Feb-12		HIGH EXHAUST TEMP.SPREAD TRIP
STPS	2	250.0	229	55.00	229	23-Jan-12	17.48	27-Jan-12		DESYN. DUE TO BTL
RAJWEST	3	135.0	118	0.00	0	25-Jan-12	10.18	26-Jan-12	22.07	BAD MATERIAL LEAKAGE
CHHABRA	2	250.0	185	46.00	190	26-Jan-12	3.11			MILL BEARING TEMP.INCREASE
TOTAL				120.40	500.00					
CENTRAL SECTOR										
TOTAL				0.00	0.00					
G.TOTAL				120.40	500.00					
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 (\$).										