



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD

LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 16-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					
17-Jan-12							
18-Jan-12							
19-Jan-12							
20-Jan-12							
21-Jan-12							
22-Jan-12							
23-Jan-12							
24-Jan-12							
25-Jan-12							
26-Jan-12							
27-Jan-12							
28-Jan-12							
29-Jan-12							
30-Jan-12							
31-Jan-12							
1-Feb-12							
MAXIMUM OF THE MONTH	1478.10	1494.39	1551.32	1566.61	7229.00	7407.00	50.03
MAX.CONSUMPTION TILL DATE DURING THE FY 2011-12 (L.U.)			1575.89			(22.12.2011)	
MAX.PEAK LOAD TILL DATE DURING THE FY 2011-12 (MW)			7463			(18.30-18.45 Hrs.)	ON 27.12.2011
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 (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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		13-Jan-12			14-Jan-12			15-Jan-12		
1	KTPS (1240/1240)	269.00	269.00	276.69	269.00	269.00	276.20	249.00	269.00	264.90
2	STPS (1500/1500)	269.00	269.00	270.47	269.00	269.00	268.10	269.00	269.00	258.42
3	DHOLPUR GAS CCPP (330/330)	53.00	44.00	48.66	53.00	53.00	54.55	53.00	53.00	54.47
4	RAMGARH (113.5/113.5)	12.00	14.00	16.25	15.00	12.00	14.72	15.00	15.00	16.49
5	RAPP-A(300/300)	40.00	40.00	44.90	40.00	40.00	44.80	40.00	40.00	45.00
6	MAHI (140/140)	8.00	8.00	11.78	8.00	8.00	7.08	8.00	8.00	7.06
7	CHAMBAL (RPS+JS) (135.5/271)	35.00	35.00	40.02	35.00	35.00	34.86	35.00	35.00	38.48
8	GIRAL LIGNITE (250/250)	12.00	7.00	5.27	16.00	12.00	13.70	16.00	16.00	14.91
9	CHHABRA TPS (500/500)	100.00	100.00	106.00	100.00	100.00	93.04	100.00	100.00	99.05
10	WIND FARM (1825.995/1825.995)	15.00	10.00	34.63	30.00	15.00	56.06	5.00	30.00	92.06
11	SOLAR POWER(54.5/54.5)	0.00	0.00	1.88	0.00	0.00	1.69	0.00	0.00	1.87
12	CAPTIVE POWER PLANTS	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50
13	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	OPEN ACCESS	-22.15	-16.77	-16.77	-23.85	-22.15	-22.15	-12.13	-23.85	-23.85
15	BIOMASS – (91.30/91.30)	6.00	8.00	6.32	6.00	6.00	6.46	6.00	6.00	5.72
16	BARSINGHAR LTPS(250/250)	40.00	35.00	50.44	35.00	40.00	46.80	35.00	35.00	40.04
17	RAJWEST (540/540)	79.00	79.00	77.38	79.00	79.00	80.38	77.00	79.00	80.45
	TOTAL : 1-17	921.35	906.73	979.42	936.65	921.35	981.79	901.37	936.65	1000.56
18	BBMB COMPLEX									
a)	BHAKRA(225.30/1478.73)	27.55	27.65	27.65	27.55	27.55	27.55	27.55	27.55	27.55
b)	DEHAR (198/ 990)	6.37	6.77	5.33	6.17	6.37	6.17	5.77	6.17	5.77
c)	PONG (231.66/396)	18.12	19.15	17.86	17.27	18.12	18.12	23.47	17.27	22.19
	TOTAL : A TO C	52.04	53.57	50.84	50.99	52.04	51.84	56.79	50.99	55.51
19	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	73.19	73.19	73.19	73.19	73.19	73.19	73.19	73.19	73.19
e)	RIHAND (195/2000)	49.74	41.29	41.29	50.58	49.74	49.73	51.45	50.58	50.84
f)	UNCHAHAH-I(19.99/420)	5.24	5.09	4.62	5.36	5.24	5.01	5.36	5.36	5.36
g)	UNCHAHAH-II& III(61/630)	17.28	16.69	16.69	17.50	17.28	17.28	17.51	17.50	17.50
h)	INDIRA GANDHI STPS(JHAJHAR) (6.89/500)	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
i)	NCTPS DADRI St-II (9.9/100)	4.27	4.28	4.28	5.62	4.27	4.27	5.62	5.62	5.52
j)	DADRI GAS (77/830)	18.00	14.45	16.50	12.45	18.00	15.30	13.95	12.45	11.70
k)	NCTPS DADRI St-II (9.9/100)	19.11	14.51	17.24	11.00	19.11	15.61	14.42	11.00	12.53
l)	AURAIYA (61.03/663)	11.52	9.21	10.14	8.30	11.52	9.92	6.79	8.30	8.17
m)	NAPP (44/440)	6.89	6.89	6.89	6.83	6.89	6.89	6.83	6.83	6.83
n)	RAPP-B (125/440)	36.59	36.67	36.67	36.50	36.59	36.59	36.59	36.50	36.50
o)	RAPP-C (88/440)	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03
p)	SALAL (20.36/690)	0.87	1.02	0.81	0.74	0.87	0.87	1.42	0.74	1.02
q)	URI (43.01/480)	1.88	1.52	1.52	2.09	1.88	1.95	1.59	2.09	2.32
r)	TANAKPUR (10.86/94)	0.49	0.89	0.47	0.48	0.49	0.48	0.81	0.48	0.48
s)	CHAMERA –I (105.84/540)	0.00	0.00	0.00	0.00	0.00	0.00	2.09	0.00	2.09
t)	CHAMERA-II (29.01/300)	1.37	1.36	1.36	1.40	1.37	1.43	1.58	1.40	1.63
u)	DHAULIGANGA (27/280)	1.07	0.97	0.97	0.97	1.07	1.07	1.07	0.97	0.97
v)	DULHASTI (42.42/390)	2.40	2.54	2.54	2.59	2.40	2.78	3.11	2.59	3.10
w)	SEWA (13/120)	0.45	0.40	0.40	0.51	0.45	0.45	2.01	0.51	0.51
x)	NJPC (112.05/1500)	5.58	5.75	5.75	5.54	5.58	5.80	5.23	5.54	5.54
y)	TEHRI (75/1000)	7.44	7.44	7.44	7.44	7.44	7.44	7.44	7.44	6.56
z)	KOTESHWAR (9.9/100)	2.69	2.60	2.88	2.69	2.69	2.84	2.69	2.69	2.79
aa)	FRKKA+KHLGN+TLCHR (98.09/3440)	24.33	26.52	26.52	28.22	24.33	24.32	30.14	28.22	28.02
ab)	TALA	0.35	0.35	0.35	0.32	0.35	0.35	0.30	0.32	0.32
ac)	URS POWER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO ac)	365.90	350.32	352.50	354.44	365.90	358.54	371.10	354.44	362.13
	LOSSES	-22.49	-21.47	-21.60	-21.73	-22.49	-22.05	-21.05	-21.73	-22.19
	NET SCHEDULED	343.41	328.85	330.91	332.71	343.41	336.49	350.05	332.71	339.94
20	BILATERAL (REG.) EXCL. BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	BANKING	126.47	126.47	126.47	126.47	126.47	126.47	126.78	126.47	126.47
22	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	22.15	16.77	16.77	23.85	22.15	22.15	12.13	23.85	23.85
24	INDIAN ENERGY EXCHANGE	64.72	17.72	17.71	45.43	64.72	64.72	43.91	45.43	45.43
	TOTAL(B): (18 TO 24)	556.75	489.80	491.86	528.46	556.75	549.83	532.88	528.46	535.69
	TOTAL GENERATION : 1 TO 24			1471.27			1531.62			1536.25
	OVER DRAWAL (+)/UNDER DRAWAL (-)			65.40			1.38			-29.49
	GRAND TOTAL	1478.10	1396.53	1536.68	1465.11	1478.10	1533.00	1434.25	1465.11	1506.77
	LAST YEAR	1397.61	1324.68	1547.45	1494.39	1397.61	1518.69	1353.97	1494.39	1552.64

3.SYSTEM PARAMETERS AS ON 15-Jan-12

Maximum drawl on 15-Jan-12	6977 MW at 07.45-08.00 Hrs 49.74HZ
Minimum drawl on 15-Jan-12	5464 MW at 04.00-04.15 Hrs. 50.20 Hz
Max U/D of the day	816 MW at 18.00-18.15 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	0
Avr. Freq. for the day 15-Jan-12	49.97 Hz
Max O/D of the day	379 MW at 23.45-24.00 Hrs 50.24 HZ
Frequency Profile	% of Time
Less than 48.80 Hz	0.00
Less than 49.50 Hz	0.00
Operating Range(49.50 Hz to 50.20 Hz)	90.50
Above 50.20 Hz	9.50
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.	16-Jan-12	16-Jan-11	15-Jan-12	15-Jan-12
Gandhi Sagar (Ft.)	1312	1250	1289.00	1254.15	5741	NIL
R.P.Sagar (Ft.)	1157	1128	1147.00	1139.92	7510	NIL
Jawahar Sagar (Ft.)	980	970.4	976.30	975.60	7793	NIL
Kota Barrage(Ft.)	854.5	852.3	854.50	854.30		
RMC					4933	
LMC					1000	
Bhakra(Ft.)	1690	1462	1638.22	1647.75	17100	9364
Dehar (Ft.)	2941	2900	2925.39	2922.83	1706	2283
Pong(Ft.)	1421	1260	1352.87	1364.18	9803	4996
Mahi-I (Mts.)	281.5	259	276.55	267.60	2500	NIL
Mahi-II (Mts.)	220.5	217	219.70	219.00	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
16/Jan/12	KTPS	31000	1.5 days
16/Jan/12	STPS	114613	4.5 days
16/Jan/12	CHHABRA	15000	2.5 days

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

16/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								
CENTRAL SECTOR								
AURAIYA	GT # 4 (*)	111.19	18	9-Jan-12	00.44			CLOSED BY PLANT DUE TO LOW REQUISITION BY THE STATE
AURAIYA	GT # 3 (*)	111.19	18	15-Jan-12	16.34			CLOSED BY PLANT DUE TO LESS REQUISITION BY THE STATE
AURAIYA	GT # 6 / STG # 2 (*)	109.30	12	15-Jan-12	16.41			CLOSED BY PLANT DUE TO LESS REQUISITION BY THE STATE
DADRI	GT # 1 (*)	130.19	22	14-Jan-12	22.00			CLOSED BY PLANT DUE TO LESS REQUISITION BY THE STATE
SINGRAULI	5 (@)	200.00	34	11-Jan-12	2.24	26-Feb-12		OVER HAULING(ANNUAL S/D)
ANTA	GT#1 (*)	88.71	31	14-Jan-12	16.31			CLOSED BY PLANT DUE TO LESS 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										
STPS	6	250	229	55.00	229	2-Sep-11	11.06	17-Jan-12		LP TURBINE BLADE FAILURE
RAJWEST	3	135	118	28.32	118	8-Jan-12	1.54	16-Jan-12		WORK IN BOILER METALIC EXPENSION JOINT
GIRAL	1	125	60	14.40	60	11-Jan-12	6.59	18-Jan-12		BOILER LEAKAGE
GIRAL	2	125.0	70	0.00	0	15-Jan-12	13.00	15-Jan-12	13.49	F.B.H.E. BLOWER TRIPPED
KTPS	3	210.0	192	20.00	192	16-Jan-12	8.55			GENERATOR ELECTRICAL FAULT
TOTAL				117.72	599.00					
CENTRAL SECTOR										
AURAIYA	GT # 6 / STG # 2 (*)	109.30	12	0.00	0	15-Jan-12	8.10	15-Jan-12	9.44	REASON AWAITED
TOTAL				0.00	0.00					
G.TOTAL				117.72	599.00					

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 (\$).