



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

Power Position 09-Jan-12	Point No.
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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					
10-Jan-12							
11-Jan-12							
12-Jan-12							
13-Jan-12							
14-Jan-12							
15-Jan-12							
16-Jan-12							
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	1471.46	1424.28	1540.18	1508.18	7219.00	7257.00	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									
											6-Jan-12			7-Jan-12			8-Jan-12		
1	KTPS (1240/1240)	265.00	269.00	270.72	227.00	265.00	266.19	269.00	227.00	238.36									
2	STPS (1500/1500)	269.00	269.00	266.35	269.00	269.00	263.69	200.00	269.00	266.46									
3	DHOLPUR GAS CCPP (330/330)	54.00	54.00	54.49	53.00	54.00	54.61	53.00	53.00	54.67									
4	RAMGARH (113.5/113.5)	15.00	15.00	15.22	15.00	15.00	15.97	15.00	15.00	16.63									
5	RAPP-A(300/300)	40.00	40.00	44.70	40.00	40.00	45.20	40.00	40.00	45.00									
6	MAHI (140/140)	8.00	8.00	7.16	8.00	8.00	9.93	8.00	8.00	7.04									
7	CHAMBAL (RPS+JS) (135.5/271)	35.00	35.00	33.68	35.00	35.00	31.89	35.00	35.00	39.86									
8	GIRAL LIGNITE (250/250)	30.00	30.00	31.66	30.00	30.00	33.67	30.00	30.00	27.97									
9	CHHABRA TPS (500/500)	75.00	72.00	81.41	90.00	75.00	87.43	50.00	90.00	69.52									
10	WIND FARM (1825.995/1825.995)	25.00	8.00	42.26	40.00	25.00	45.17	10.00	40.00	103.71									
11	SOLAR POWER(54.5/54.5)	0.00	0.00	1.60	0.00	0.00	1.78	0.00	0.00	1.88									
12	CAPTIVE POWER PLANTS	5.50	3.30	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	1.43	2.20	2.20	-21.24	1.43	1.43	-6.38	-21.24	-21.24									
15	BIOMASS – (91.30/91.30)	7.00	7.00	7.56	8.00	7.00	7.72	9.00	8.00	9.48									
16	BARSINGHAR LTPS(250/250)	8.00	0.00	1.90	0.00	8.00	8.90	0.00	0.00	0.00									
17	RAJWEST (540/540)	100.00	72.00	85.89	78.00	100.00	99.14	73.00	78.00	77.95									
	TOTAL : 1-17	937.93	884.50	952.30	877.26	937.93	978.22	791.12	877.26	942.79									
18	BBMB COMPLEX																		
a)	BHAKRA(225.30/1478.73)	27.92	28.39	27.90	27.03	27.92	27.15	26.91	27.03	26.92									
b)	DEHAR (198/ 990)	6.10	6.20	6.10	6.17	6.10	6.17	5.46	6.17	5.64									
c)	PONG (231.66/396)	21.05	31.75	23.38	23.12	21.05	22.95	20.45	23.12	20.79									
	TOTAL : A TO C	55.07	66.34	57.38	56.32	55.07	56.27	52.82	56.32	53.35									
19	CENTRAL STATIONS																		
d)	SINGRAULI (300/ 2000)	81.03	81.13	81.13	81.13	81.03	81.03	81.13	81.13	81.13									
e)	RIHAND (195/2000)	54.87	54.25	54.25	54.87	54.87	54.87	54.88	54.87	54.88									
f)	UNCHAHAH-I(19.99/420)	4.97	4.97	4.97	4.97	4.97	4.97	5.03	4.97	4.97									
g)	UNCHAHAH-II& III(61/630)	16.32	16.31	16.32	16.32	16.32	16.32	16.49	16.32	16.31									
h)	INDIRA GANDHI STPS(JHAJHAR) (5.89/500)	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)	5.62	5.62	5.62	5.62	5.62	5.61	5.62	5.62	5.62									
j)	DADRI GAS (77/830)	14.07	18.28	18.33	13.75	14.07	12.36	14.26	13.75	13.65									
k)	NCTPS DADRI St-II (9.9/100)	14.40	20.94	20.93	12.57	14.40	14.22	14.08	12.57	16.16									
l)	AURAIYA (61.03/663)	9.27	11.89	12.74	9.78	9.27	9.68	9.60	9.78	9.80									
m)	NAPP (44/440)	6.60	6.57	6.57	6.60	6.60	6.60	6.80	6.60	6.60									
n)	RAPP-B (125/440)	35.99	35.99	35.99	35.99	35.99	35.99	35.99	35.99	35.99									
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)	0.64	0.64	0.73	0.83	0.64	0.65	1.02	0.83	0.90									
q)	URI (43.01/480)	2.18	1.99	1.99	2.24	2.18	2.18	2.30	2.24	2.24									
r)	TANAKPUR (10.86/94)	0.52	0.50	0.51	0.49	0.52	0.52	0.47	0.49	0.49									
s)	CHAMERA –I (105.84/540)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
t)	CHAMERA-II (29.01/300)	1.41	1.30	1.42	1.44	1.41	1.55	1.26	1.44	1.21									
u)	DHAULIGANGA (27/280)	1.00	1.14	1.14	1.15	1.00	1.00	1.13	1.15	1.15									
v)	DULHASTI (42.42/390)	3.41	3.35	3.35	3.61	3.41	2.58	0.00	3.61	0.00									
w)	SEWA (13/120)	0.40	0.48	0.64	0.72	0.40	0.40	0.58	0.72	0.72									
x)	NJPC (112.05/1500)	5.58	5.49	5.92	5.88	5.58	6.45	5.67	5.88	6.32									
y)	TEHRI (75/1000)	7.44	7.44	7.44	7.44	7.44	6.57	7.44	7.44	7.01									
z)	KOTESHWR (9.9/100)	2.60	2.50	2.60	2.60	2.60	2.31	2.60	2.60	2.50									
aa)	FRKKA+KHLGN+TLCHR (98.09/3440)	25.95	25.94	25.94	25.97	25.95	25.95	26.82	25.97	25.97									
ab)	TALA	0.42	0.43	0.43	0.42	0.42	0.42	0.42	0.42	0.42									
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)	372.89	396.63	389.47	373.84	372.89	371.63	369.53	373.84	370.52									
	LOSSES	-22.99	-24.41	-23.98	-23.03	-22.99	-22.91	-22.74	-23.03	-22.84									
	NET SCHEDULED	349.90	372.23	365.49	350.81	349.90	348.72	346.80	350.81	347.68									
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	135.25	133.07	132.20	137.79	135.25	135.25	135.25	197.70	137.79									
22	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-59.91	0.00									
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-1.43	-2.20	-2.20	21.24	-1.43	-1.43	6.38	21.24	21.24									
24	INDIAN ENERGY EXCHANGE	49.81	30.78	30.78	0.00	49.81	49.81	10.65	0.00	0.00									
	TOTAL(B): (18 TO 24)	533.53	533.88	526.27	509.84	533.53	532.35	499.07	509.84	506.71									
	TOTAL GENERATION : 1 TO 24			1478.57			1510.57			1449.49									
	OVER DRAWAL (+)/UNDER DRAWAL (-)			56.13			29.61			73.65									
	GRAND TOTAL	1471.46	1418.38	1534.70	1387.10	1471.46	1540.18	1290.19	1387.10	1523.15									
	LAST YEAR	1351.34	1308.59	1462.10	1424.28	1351.34	1503.77	1420.84	1424.28	1508.18									

3.SYSTEM PARAMETERS AS ON 08-Jan-12

Maximum drawl on 08-Jan-12	7011 MW at 09.30-09.45 Hrs 49.58 HZ
Minimum drawl on 08-Jan-12	5449 MW at 04.00-04.15 Hrs. 50.21 Hz
Max U/D of the day	519 MW at 04.15-04.30 Hrs. 50.02 Hz
Max. O/D below 49.5 Hz	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	12
No. of Violation Blocks Freq. >= 49.5 & <49.7 Hz	10
Avr. Freq. for the day 08-Jan-12	49.92 Hz
Max O/D of the day	987 MW at 12.45-13.00 Hrs 49.90 HZ
Frequency Profile	% of Time
Less than 48.80 Hz	0.00
Less than 49.50 Hz	1.60
Operating Range(49.50 Hz to 50.20 Hz)	92.50
Above 50.20 Hz	5.90
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	5
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.	9-Jan-12	9-Jan-11	8-Jan-12	8-Jan-12
Gandhi Sagar (Ft.)	1312	1250	1289.93	1254.28	5899	NIL
R.P.Sagar (Ft.)	1157	1128	1147.61	1142.60	8365	NIL
Jawahar Sagar (Ft.)	980	970.4	976.40	975.80	7253	NIL
Kota Barrage(Ft.)	854.5	852.3	854.30	854.10		
RMC					4645	
LMC					1200	
Bhakra(Ft.)	1690	1462	1642.38	1651.06	16500	5419
Dehar (Ft.)	2941	2900	2922.90	2922.83	1591	1998
Pong(Ft.)	1421	1260	1354.51	1366.15	8224	3417
Mahi-I (Mts.)	281.5	259	277.15	268.10	2504	NIL
Mahi-II (Mts.)	220.5	217	218.65	218.40	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
9/Jan/12	KTPS	(9500+0)	0 days
9/Jan/12	STPS	(129277+0)	5 days
9/Jan/12	CHHABRA	(22000+0)	2.5 days

6. GENERATING UNIT OUTAGE REPORT UP TO 9.00 HRS OF DT. 9/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	3-Jan-12	21.22	8-Jan-12	10.07	CLOSED BY PLANT DUE TO LOW
AURAIYA	GT # 3 (*)	111.19	18	8-Jan-12	12.04			CLOSED BY PLANT DUE TO LOW
ANTA	GT # 1 (*)	88.71	31	8-Jan-12	20.45			CLOSED BY PLANT DUE TO LOW

(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	16-Jan-12		LP TURBINE BLADE FAILURE
BARSINGSAR	2	125	70	16.80	70	29-Dec-11	19.38	11-Jan-12		M/T DUE TO PRIMARY AIR FAN PROBLEM
BARSINGSAR	1 (\$)	125	0	0.00	0	7-Jan-12	19.40	10-Jan-12		DRUM LEAKAGE
KTPS	7	195	175	0.00	0	7-Jan-12	22.12	8-Jan-12	13.41	WELDING FAILURE NEAR SUPER HEATER
KTPS	7	195	175	0.00	0	8-Jan-12	14.12	8-Jan-12	15.23	DRUM LEVEL LOW
RAJWEST	3	135	118	28.32	118	8-Jan-12	1.54	13-Jan-12		WORK IN BOILER METALIC EXPENSION JOINT
CHHABRA	2	250	200	48.00	200	8-Jan-12	10.16	9-Jan-12		LEAKAGE OF BOILER DRUM
VSLP	1	135	100	17.00	100	9-Jan-12	7.10			DUE TO LINE DIST. PROT. OF 220 KV VSLP - BIKANER LINE
STPS	1	250	229		229	9-Jan-12	8.20			GRID DISTURBANCE
STPS	2	250	229		229	9-Jan-12	8.20			GRID DISTURBANCE
STPS	3	250	229	69.00	229	9-Jan-12	8.20			GRID DISTURBANCE
STPS	4	250	229		229	9-Jan-12	8.20			GRID DISTURBANCE
STPS	5	250	229		229	9-Jan-12	8.20			GRID DISTURBANCE
TOTAL				234.12	1862.00					
CENTRAL SECTOR										
TOTAL				0.00	0.00					
G.TOTAL				234.12	1862.00					

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 (\$).