



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

Power Position 06-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					
7-Jan-12							
8-Jan-12							
9-Jan-12							
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	1418.38	1308.59	1532.67	1447.70	7165.00	7049.00	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
		5-Jan-12		
1	KTPS (1240/1240)	269.00	269.00	277.26
2	STPS (1500/1500)	269.00	269.00	271.86
3	DHOLPUR GAS CAPP (330/330)	54.00	38.00	51.65
4	RAMGARH (113.5/113.5)	15.00	15.00	16.30
5	RAPP-A(300/300)	40.00	40.00	44.70
6	MAHI (140/140)	8.00	8.00	10.14
7	CHAMBAL (RPS+JS) (135.5/271)	35.00	35.00	34.66
8	GIRAL LIGNITE (250/250)	30.00	35.00	26.67
9	CHHABRA TPS (500/500)	72.00	70.00	69.82
10	WIND FARM (1825.995/1825.995)	8.00	5.00	15.01
11	SOLAR POWER(54.5/54.5)	0.00	0.00	1.57
12	CAPTIVE POWER PLANTS	3.30	3.30	3.48
13	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
14	OPEN ACCESS	2.20	4.22	4.22
15	BIOMASS – (91.30/91.30)	7.00	6.00	7.50
16	BARSINGHAR LTPS(250/250)	0.00	0.00	0.00
17	RAJWEST (540/540)	72.00	68.00	67.07
	TOTAL : 1-17	884.50	865.52	901.90
18	BBMB COMPLEX			
	a) BHAKRA(225.30/1478.73)	28.39	28.75	28.75
	b) DEHAR (198/ 990)	6.20	5.46	6.56
	c) PONG (231.66/396)	31.75	29.68	31.84
	TOTAL : A TO C	66.34	63.89	67.15
19	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	81.13	81.13	81.13
	e) RIHAND (195/2000)	54.25	54.25	54.25
	f) UNCHAHAR-I(19.99/420)	4.97	4.97	4.97
	g) UNCHAHAR-II& III(61/630)	16.31	16.32	16.31
	h) INDIRA GANDHI STPS(JHAJHAR) (5.89/500)	1.10	1.10	1.10
	i) NCTPS DADRI St-II (9.9/100)	5.62	5.62	5.62
	j) DADRI GAS (77/830)	18.28	18.99	17.18
	k) NCTPS DADRI St-II (9.9/100)	20.94	20.51	20.51
	l) AURAIYA (61.03/663)	11.89	12.00	12.59
	m) NAPP (44/440)	6.57	6.60	6.60
	n) RAPP-B (125/440)	35.99	36.07	36.07
	o) RAPP-C (88/440)	22.03	22.03	22.03
	p) SALAL (20.36/690)	0.64	0.64	0.73
	q) URI (43.01/480)	1.99	2.29	2.29
	r) TANAKPUR (10.86/94)	0.50	0.35	0.35
	s) CHAMERA –I (105.84/540)	0.00	0.00	0.00
	t) CHAMERA-II (29.01/300)	1.30	1.40	1.40
	u) DHAULIGANGA (27/280)	1.14	1.11	1.11
	v) DULHASTI (42.42/390)	3.35	3.44	3.44
	w) SEWA (13/120)	0.48	0.32	0.32
	x) NJPC (112.05/1500)	5.49	5.40	6.20
	y) TEHRI (75/1000)	7.44	7.44	7.44
	z) KOTESHWAR (9.9/100)	2.50	2.40	2.60
	aa) FRKKA+KHLGN+TLCHR (98.09/3440)	25.94	18.27	18.26
	ab) TALA	0.43	0.54	0.54
	ac) URS POWER	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO ac)	396.63	387.08	390.20
	LOSSES	-24.41	-23.90	-24.09
	NET SCHEDULED	372.23	363.18	366.11
20	BILATERAL (REG.) EXCL. BANKING	0.00	0.00	0.00
21	BANKING	133.07	198.21	138.29
22	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	0.00	-59.91	0.00
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-2.20	-4.22	-4.22
24	INDIAN ENERGY EXCHANGE	30.78	7.49	7.49
	TOTAL(B): (18 TO 24)	533.88	504.75	507.68
	TOTAL GENERATION : 1 TO 24			1409.58
	OVER DRAWAL (+)/UNDER DRAWAL (-)			123.08
	GRAND TOTAL	1418.38	1370.27	1532.67
	LAST YEAR	1308.59	1280.25	1431.37

3.SYSTEM PARAMETERS AS ON 05-Jan-12

Maximum drawl on 05-Jan-12	7165 MW at 06.30-06.45 Hrs 49.50 HZ
Minimum drawl on 05-Jan-12	5721 MW at 04.15-04.30 Hrs. 49.89 Hz
Max U/D of the day	MW at
Max. O/D below 49.5 Hz	297 MW at 20.00-20.15 Hrs 49.40 HZ
No. of Blocks Freq. < 49.5 Hz	1
No. of Violation Blocks Freq. < 49.5 Hz	1
No. of Blocks Freq. >= 49.5 & <49.7Hz	42
No. of Violation Blocks Freq. >= 49.5 & <49.7 Hz	38
Avr. Freq. for the day 05-Jan-12	49.74 Hz
Max O/D of the day	1215 MW at 00.30-00.45 Hrs 49.89 HZ
Frequency Profile	% of Time
Less than 48.80 Hz	0.00
Less than 49.50 Hz	9.50
Operating Range(49.50 Hz to 50.20 Hz)	90.20
Above 50.20 Hz	0.30
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	29
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	79
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.	6-Jan-12	6-Jan-11	5-Jan-12	5-Jan-12
Gandhi Sagar (Ft.)	1312	1250	1290.32	1254.35	7485	NIL
R.P.Sagar (Ft.)	1157	1128	1147.74	1143.59	6845	NIL
Jawahar Sagar (Ft.)	980	970.4	977.00	977.90	6626	NIL
Kota Barrage(Ft.)	854.5	852.3	854.20	854.30		
RMC					4649	
LMC					1200	
Bhakra(Ft.)	1690	1462	1644.19	1652.14	17800	5289
Dehar (Ft.)	2941	2900	2923.49	2925.00	1928	1951
Pong(Ft.)	1421	1260	1354.98	1366.68	12570	1930
Mahi-I (Mts.)	281.5	259	277.30	268.45	2914	NIL
Mahi-II (Mts.)	220.5	217	217.75	217.90	655	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
6/Jan/12	KTPS	(5200+0)	0 days
6/Jan/12	STPS	(108788+1643)	4 days
6/Jan/12	CHHABRA	(26390+422)	3.5 days

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

(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	1 (\$)	125	0	0.00	0	3-Jan-12	0.02	6-Jan-12		WATER VALVE PUNCTURED
BARSINGSAR	2	125	70	16.80	70	29-Dec-11	19.38	9-Jan-12		M/T DUE TO PRIMARY AIR FAN PROBLEM
RAJWEST	1	135	118	0.00	0	3-Jan-12	8.40	5-Jan-12	2.08	COOLING VALVE LEAKAGE
RAJWEST	2	135	118	10.62	0	30-Dec-11	21.23	6-Jan-12	8.48	BAD MATERIAL LEAKAGE
CHHABRA	2	250	150	0.00	0	30-Dec-11	23.08	5-Jan-12	5.20	DESYNCRONISED DUE TO NON AVAILABILITY OF COAL
VSLP	1	135	100	0.00	0	31-Dec-11	13.19	5-Jan-12	18.20	B.T.L.
DHOLPUR	HRSG #1	55	50	0.00	0	5-Jan-12	4.25	5-Jan-12	7.11	LOW VACUUM
DHOLPUR	HRSG #2	55	50	0.00	0	5-Jan-12	4.25	5-Jan-12	8.50	LOW VACUUM
TOTAL				82.42	299.00					
CENTRAL SECTOR										
TOTAL				0.00	0.00					
G.TOTAL				82.42	299.00					

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 (\$).