



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD

LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

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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	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					
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	1570.18	7273.00	7408.00	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
		19-Jan-12		
1	KTPS (1240/1240)	227.00	227.00	229.20
2	STPS (1500/1500)	310.00	312.00	290.96
3	DHOLPUR GAS CCGP (330/330)	53.00	53.00	54.63
4	RAMGARH (113.5/113.5)	10.00	0.00	1.44
5	RAPP-A(300/300)	40.00	40.00	45.30
6	MAHI (140/140)	8.00	8.00	7.04
7	CHAMBAL (RPS+JS) (135.5/271)	27.00	27.00	35.28
8	GIRAL LIGNITE (250/250)	14.00	18.00	15.89
9	CHHABRA TPS (500/500)	100.00	100.00	95.30
10	WIND FARM (1825.995/1825.995)	10.00	5.00	13.24
11	SOLAR POWER(54.5/54.5)	0.00	0.00	1.82
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	12.98	-23.41	-23.41
15	BIOMASS – (91.30/91.30)	8.00	7.00	8.11
16	BARSINGHSAR LTPS(250/250)	40.00	35.00	45.06
17	RAJWEST (540/540)	84.00	82.00	91.09
	TOTAL : 1-17	949.48	896.09	916.45
18	BBMB COMPLEX			
a)	BHAKRA(225.30/1478.73)	25.86	25.86	25.86
b)	DEHAR (198/ 990)	6.87	6.71	6.35
c)	PONG (231.66/396)	17.03	20.97	18.14
	TOTAL : A TO C	49.76	53.54	50.35
19	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	73.60	73.60	73.60
e)	RIHAND (195/2000)	52.02	52.02	52.01
f)	UNCHAHAAR-I(19.99/420)	5.36	5.36	4.68
g)	UNCHAHAAR-II& III(61/630)	17.51	17.51	15.34
h)	INDIRA GANDHI STPS(JHAJHAR) (5.89/500)	1.10	1.10	1.10
i)	NCTPS DADRI St-II (9.9/100)	5.52	5.52	5.52
j)	DADRI GAS (77/830)	16.32	15.35	18.07
k)	NCTPS DADRI St-II (9.9/100)	16.26	14.31	19.13
l)	AURAIYA (61.03/663)	6.71	7.24	8.26
m)	NAPP (44/440)	3.95	6.83	5.79
n)	RAPP-B (125/440)	36.50	36.67	36.67
o)	RAPP-C (88/440)	22.03	22.03	22.03
p)	SALAL (20.36/690)	0.98	0.74	0.87
q)	URI (43.01/480)	2.20	1.87	2.08
r)	TANAKPUR (10.86/94)	0.48	0.48	0.48
s)	CHAMERA –I (105.84/540)	3.89	2.12	2.82
t)	CHAMERA-II (29.01/300)	1.46	1.54	1.42
u)	DHAULIGANGA (27/280)	1.14	1.14	1.25
v)	DULHASTI (42.42/390)	2.36	2.75	2.75
w)	SEWA (13/120)	1.16	0.44	0.44
x)	NJPC (112.05/1500)	6.01	5.73	5.90
y)	TEHRI (75/1000)	7.44	7.44	7.87
z)	KOTESHWR (9.9/100)	2.69	2.69	2.69
aa)	FRKKA+KHLGN+TLCHR (98.09/3440)	30.34	29.50	29.49
ab)	TALA	0.31	0.36	0.36
ac)	URS POWER	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO ac)	367.12	367.90	370.97
	LOSSES	-20.83	-20.89	-21.01
	NET SCHEDULED	346.29	347.01	349.96
20	BILATERAL (REG.) EXCL. BANKING	0.00	0.00	0.00
21	BANKING	126.79	126.79	126.79
22	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	0.00	0.00	0.00
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-12.98	23.41	23.41
24	INDIAN ENERGY EXCHANGE	23.24	4.05	4.05
	TOTAL(B): (18 TO 24)	483.34	501.26	504.21
	TOTAL GENERATION : 1 TO 24			1420.66
	OVER DRAWAL (+)/UNDER DRAWAL (-)			111.72
	GRAND TOTAL	1432.82	1397.35	1532.38
	LAST YEAR	1341.84	1329.03	1562.52

3. SYSTEM PARAMETERS AS ON 19-Jan-12

Maximum drawl on 19-Jan-12	7248 MW at 18.15-18.30 Hrs 49.60 HZ
Minimum drawl on 19-Jan-12	5887 MW at 04.00-04.15Hrs. 49.89 Hz
Max U/D of the day	105 MW at 06.00-06.15 Hrs. 49.87 Hz
Max. O/D below 49.5 Hz	1020 MW at 19.00-19.15 Hrs 49.35 Hz
No. of Blocks Freq. < 49.5 Hz	4
No. of Violation Blocks Freq. < 49.5 Hz	3
No. of Blocks Freq. >= 49.5 & <49.7Hz	34
No. of Violation Blocks Freq. >= 49.5 & <49.7 Hz	18
Avr. Freq. for the day 19-Jan-12	49.76 Hz
Max O/D of the day	1076 MW at 21.45-22.00 Hrs 50.03 HZ
Frequency Profile	% of Time
Less than 48.80 Hz	0.00
Less than 49.50 Hz	10.90
Operating Range(49.50 Hz to 50.20 Hz)	87.80
Above 50.20 Hz	1.30
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	45
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	110
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.	20-Jan-12	20-Jan-11	19-Jan-12	19-Jan-12
Gandhi Sagar (Ft.)	1312	1250	1288.61	1254.11	5020	NIL
R.P.Sagar (Ft.)	1157	1128	1146.64	1138.06	7790	NIL
Jawahar Sagar (Ft.)	980	970.4	978.50	977.90	5814	NIL
Kota Barrage(Ft.)	854.5	852.3	854.40	854.20		
RMC					5066	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1636.20	1645.53	16000	7620
Dehar (Ft.)	2941	2900	2923.16	2924.40	1910	2048
Pong(Ft.)	1421	1260	1352.85	1363.52	6702	5260
Mahi-I (Mts.)	281.5	259	276.35	267.20	2493	NIL
Mahi-II (Mts.)	220.5	217	218.85	218.55	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
20/Jan/12	KTPS	35000	1.5 days
20/Jan/12	STPS	125734	5 days
20/Jan/12	CHHABRA	5700	1 day

6. GENERATING UNIT OUTAGE REPORT UP TO 9.00 HRS OF DT. 20/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)
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
SINGRAULI	5 (@)	200.00	34	11-Jan-12	2.24	26-Feb-12		OVER HAULING(ANNUAL S/D)

(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	0.23	0	19-Jan-12	12.55	20-Jan-12	0.08	DESYNCRONISED AS DESIRED BY BHEL (due to abnormal sound in LP Heater)
RAJWEST	4	135.0	118	0.00	0	17-Jan-12	6.30	19-Jan-12	8.48	BAD MATERIAL LEAKAGE
RAJWEST	4	135.0	118	28.32	118	19-Jan-12	22.38			BAD MATERIAL LEAKAGE
GIRAL	1	125	60	14.40	60	11-Jan-12	6.59	26-Jan-12		BOILER LEAKAGE
RAMGARH	GT#1	35.5	29	0.00	0	17-Jan-12	1.40	19-Jan-12	19.45	GRID FAIL
RAMGARH	GT#2	37.5	31	7.00	31	18-Jan-12	1.25			HIGH EXHAUST TEMP.SPREAD TRIP
RAMGARH	STG	37.5	10	0.20	0	18-Jan-12	1.25	20-Jan-12	1.55	HIGH EXHAUST TEMP.SPREAD TRIP
KTPS	7	195.0	175	42.00	175	18-Jan-12	3.07	22-Jan-12		FORCED S/D DUE BTL (S/D UP TO 48 Hrs. then extended by 96 Hrs.)
CHHABRA	2	250.0	210	0.00	0	19-Jan-12	18.54	19-Jan-12	21.18	DRUM LEVEL LOW
CHHABRA	2	250.0	210	32.55	210	20-Jan-12	8.33			P.A FAN TRIP
TOTAL				124.70	594.00					
CENTRAL SECTOR										
NAPP	1	220.00	19	4.48	19	19-Jan-12	14.32			TURBINE PROBLEM(MT & TAKEN UNDER BIENNIAL S/D)
TOTAL				4.48	19.00					
G.TOTAL				129.18	613.00					

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 (\$).