



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	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					
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	1498.66	1494.39	1593.57	1620.77	7414.00	7408.00	50.03
MAX.CONSUMPTION TILL DATE DURING THE FY 2011-12 (L.U.)			1593.57			21-Jan-12	
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
		20-Jan-12			21-Jan-12			22-Jan-12		
1	KTPS (1240/1240)	227.00	227.00	230.96	227.00	227.00	232.13	255.00	227.00	232.06
2	STPS (1500/1500)	324.00	310.00	323.95	323.00	324.00	320.36	323.00	323.00	325.59
3	DHOLPUR GAS CAPP (330/330)	53.00	53.00	54.80	53.00	53.00	54.61	53.00	53.00	54.61
4	RAMGARH (113.5/113.5)	10.00	10.00	10.66	10.00	10.00	11.24	10.00	10.00	11.26
5	RAPP-A(300/300)	40.00	40.00	45.60	40.00	40.00	44.20	36.00	40.00	45.80
6	MAHI (140/140)	8.00	8.00	9.92	8.00	8.00	6.82	8.00	8.00	6.84
7	CHAMBAL (RPS+JS) (135.5/271)	27.00	27.00	32.24	35.00	27.00	22.36	35.00	35.00	38.46
8	GIRAL LIGNITE (250/250)	14.00	14.00	12.25	10.00	14.00	9.68	12.00	10.00	12.23
9	CHHABRA TPS (500/500)	85.00	100.00	90.20	90.00	85.00	93.30	90.00	90.00	91.32
10	WIND FARM (1825.995/1825.995)	40.00	10.00	36.41	40.00	40.00	101.56	5.00	40.00	63.98
11	SOLAR POWER(54.5/54.5)	0.00	0.00	2.66	0.00	0.00	2.60	0.00	0.00	1.31
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	17.28	12.98	12.98	-9.18	17.28	17.28	6.91	-9.18	-9.18
15	BIOMASS – (91.30/91.30)	7.00	8.00	6.70	10.00	7.00	10.31	8.00	10.00	8.21
16	BARSINGHAR LTPS(250/250)	40.00	40.00	43.28	40.00	40.00	43.40	40.00	40.00	43.46
17	RAJWEST (540/540)	93.00	84.00	92.86	105.00	93.00	93.72	113.00	105.00	106.99
	TOTAL : 1-17	990.78	949.48	1010.97	987.32	990.78	1069.06	1000.41	987.32	1038.43
18	BBMB COMPLEX									
a)	BHAKRA(225.30/1478.73)	26.94	25.86	26.94	27.10	26.94	27.10	27.14	27.10	27.14
b)	DEHAR (198/ 990)	6.18	6.87	6.18	6.03	6.18	5.11	5.84	6.03	6.23
c)	PONG (231.66/396)	15.75	17.03	16.17	17.47	15.75	16.87	16.78	17.47	16.78
	TOTAL : A TO C	48.87	49.76	49.29	50.60	48.87	49.08	49.76	50.60	50.15
19	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	66.42	73.60	73.60	68.90	66.42	66.42	78.24	68.90	70.77
e)	RIHAND (195/2000)	52.02	52.02	52.01	56.72	52.02	52.01	57.65	56.72	56.86
f)	UNCHAHAHAR-I(19.99/420)	4.97	5.36	5.11	5.29	4.97	4.97	5.41	5.29	5.29
g)	UNCHAHAHAR-II& III(61/630)	16.31	17.51	16.72	17.80	16.31	16.32	18.20	17.80	17.79
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)	5.52	5.52	5.49	8.05	5.52	5.05	8.22	8.05	7.49
j)	DADRI GAS (77/830)	14.78	16.32	16.71	11.81	14.78	14.78	13.23	11.81	12.55
k)	NCTPS DADRI St-II (9.9/100)	16.51	16.26	16.53	15.52	16.51	16.72	17.24	15.52	16.04
l)	AURAIYA (61.03/663)	7.21	6.71	6.56	7.24	7.21	7.22	9.54	7.24	7.25
m)	INAPP (44/440)	3.64	3.95	3.95	3.64	3.64	3.64	3.64	3.64	3.64
n)	RAPP-B (125/440)	36.59	36.50	36.50	34.87	36.59	36.48	34.87	34.87	34.87
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)	0.95	0.98	0.93	0.98	0.95	0.88	0.78	0.98	0.85
q)	URI (43.01/480)	2.60	2.20	2.44	2.91	2.60	2.84	2.82	2.91	2.92
r)	TANAKPUR (10.86/94)	0.78	0.48	0.46	0.45	0.78	0.76	0.77	0.45	0.45
s)	CHAMERA –I (105.84/540)	4.62	3.89	3.89	5.83	4.62	5.32	6.37	5.83	5.83
t)	CHAMERA-II (29.01/300)	1.44	1.46	1.46	1.60	1.44	1.35	1.42	1.60	1.51
u)	DHAULIGANGA (27/280)	1.01	1.14	1.13	1.08	1.01	1.01	1.08	1.08	1.08
v)	DULHASTI (42.42/390)	1.98	2.36	2.36	2.65	1.98	1.98	2.91	2.65	2.65
w)	SEWA (13/120)	0.76	1.16	1.16	0.51	0.76	0.76	0.62	0.51	0.51
x)	INJPC (112.05/1500)	5.58	6.01	6.01	5.84	5.58	5.93	5.23	5.84	5.36
y)	TEHRI (75/1000)	7.44	7.44	7.44	7.66	7.44	7.66	7.66	7.66	7.66
z)	KOTESHWR (9.9/100)	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69
aa)	FRKKA+KHLGN+TLCHR (98.09/3440)	30.34	29.50	30.33	29.51	30.34	30.33	30.34	29.51	29.51
ab)	TALA	0.31	0.31	0.31	0.21	0.31	0.31	0.23	0.21	0.21
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)	356.47	366.28	366.21	365.50	356.47	357.64	382.05	365.50	367.06
	LOSSES	-20.20	-21.61	-20.74	-20.76	-20.21	-20.25	-19.62	-20.76	-20.85
	NET SCHEDULED	336.27	344.67	345.47	344.74	336.27	337.39	362.43	344.74	346.21
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	126.79	126.79	126.79	126.79	126.79	126.79	127.18	126.79	126.79
22	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-17.28	-12.98	-12.98	9.18	-17.28	-17.28	-6.91	9.18	9.18
24	INDIAN ENERGY EXCHANGE	30.60	23.24	23.24	28.10	30.60	30.60	15.55	28.10	28.10
	TOTAL(B): (18 TO 24)	476.37	483.34	482.52	508.81	476.37	477.50	498.25	508.81	510.27
	TOTAL GENERATION : 1 TO 24			1493.49			1546.56			1548.71
	OVER DRAWAL (+)/UNDER DRAWAL (-)			99.81			47.00			33.54
	GRAND TOTAL	1467.15	1432.82	1593.30	1496.13	1467.15	1593.57	1498.66	1496.13	1582.25
	LAST YEAR	1392.47	1341.84	1569.67	1436.13	1392.47	1598.78	1379.68	1436.13	1620.77

3.SYSTEM PARAMETERS AS ON 22-Jan-12

Maximum drawl on 22-Jan-12	7350 MW at 06.45-07.00 Hrs 49.71 HZ
Minimum drawl on 22-Jan-12	5932 MW at 22.00-22.15 Hrs. 49.83 Hz
Max U/D of the day	465 MW at 06.00-06.15 Hrs. 50.11 Hz
Max. O/D below 49.5 Hz	0 MW at 0 0
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	5
Avr. Freq. for the day 22-Jan-12	49.85 Hz
Max O/D of the day	785 MW at 12.15-12.30 Hrs 49.67 HZ
Frequency Profile	% of Time
Less than 48.80 Hz	0.00
Less than 49.50 Hz	1.10
Operating Range(49.50 Hz to 50.20 Hz)	97.20
Above 50.20 Hz	1.70
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.	23-Jan-12	23-Jan-11		
Gandhi Sagar (Ft.)	1312	1250	1288.27	1254.08	6042	NIL
R.P.Sagar (Ft.)	1157	1128	1146.44	1136.86	8565	NIL
Jawahar Sagar (Ft.)	980	970.4	978.00	976.60	6129	NIL
Kota Barrage(Ft.)	854.5	852.3	854.30	854.10		
RMC					5253	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1634.28	1643.69	17000	6201
Dehar (Ft.)	2941	2900	2922.57	2921.91	1700	1625
Pong(Ft.)	1421	1260	1352.29	1363.04	6808	2001
Mahi-I (Mts.)	281.5	259	276.10	266.85	3047	NIL
Mahi-II (Mts.)	220.5	217	219.85	219.95	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
23/Jan/12	KTPS	40000	1.5 DAYS
23/Jan/12	STPS	94029	5 DAYS
23/Jan/12	CHHABRA	NIL	

6. GENERATING UNIT OUTAGE REPORT UP TO 9.00 HRS OF DT. 23/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
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										
RAJWEST	4	135.0	118	0.00	0	21-Jan-12	8.47	22-Jan-12	2.13	BAD MATERIAL LEAKAGE
GIRAL	1	125	60	14.40	60	11-Jan-12	6.59	26-Jan-12		BOILER LEAKAGE
RAMGARH	GT # 2	37.5	31	5.00	21	18-Jan-12	1.25	1-Feb-12		HIGH EXHAUST TEMP.SPREAD TRIP
KTPS	7	195.0	175	13.00	0	18-Jan-12	3.07	23-Jan-12	5.02	FORCED S/D DUE BTL (S/D UP TO 48 Hrs. then extended by 96 Hrs.Further extended by 120 Hrs.)
TOTAL				32.40	80.83					
CENTRAL SECTOR										
NAPP	1	220.00	19	4.48	19	19-Jan-12	14.32			TURBINE PROBLEM(MT & TAKEN UNDER BIENNIAL S/D)
SINGRAULI	4	200.00	34	0.00	0	21-Jan-12	4.30	22-Jan-12	17.58	B.T.L.
DADRI	GT # 4	130.19	22	5.30	22	21-Jan-12	23.40	25-Jan-12		WHREB-INSPECTION
TOTAL				9.78	41.00					
G.TOTAL				42.18	121.83					

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 (\$).