



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	1580.89	1575.54	7302	7315	49.80
24-Jan-12	1462.55	1343.11	1601.14	1568.11	7470	7129	49.76
25-Jan-12	1493.65	1415.70					
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	1601.14	1620.77	7470.00	7408.00	50.03
MAX.CONSUMPTION TILL DATE DURING THE FY 2011-12 (L.U.)			1601.14		24-Jan-12		
MAX.PEAK LOAD TILL DATE DURING THE FY 2011-12 (MW)			7470		(18.30-18.45 Hrs.) ON 24.01.2012		
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
		24-Jan-12		
1	KTPS (1240/1240)	269.00	269.00	278.34
2	STPS (1500/1500)	266.00	266.00	272.43
3	DHOLPUR GAS CCGP (330/330)	53.00	53.00	54.53
4	RAMGARH (113.5/113.5)	10.00	10.00	11.28
5	RAPP-A(300/300)	40.00	40.00	47.20
6	MAHI (140/140)	8.00	8.00	6.77
7	CHAMBAL (RPS+JS) (135.5/271)	35.00	35.00	36.97
8	GIRAL LIGNITE (250/250)	15.00	12.00	12.54
9	CHHABRA TPS (500/500)	86.00	88.00	87.35
10	WIND FARM (1825.995/1825.995)	40.00	40.00	112.10
11	SOLAR POWER(54.5/54.5)	0.00	0.00	2.08
12	CAPTIVE POWER PLANTS	5.50	5.50	5.48
13	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
14	OPEN ACCESS	-1.98	-4.21	-4.21
15	BIOMASS – (91.30/91.30)	7.00	6.00	6.82
16	BARSINGHSAR LTPS(250/250)	40.00	40.00	42.12
17	RAJWEST (540/540)	110.00	79.00	107.82
	TOTAL : 1-17	982.52	947.29	1079.62
18	BBMB COMPLEX			
	a) BHAKRA(225.30/1478.73)	27.63	27.69	27.58
	b) DEHAR (198/ 990)	5.70	5.70	5.70
	c) PONG (231.66/396)	16.33	25.19	20.71
	TOTAL : A TO C	49.66	58.58	53.99
19	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	78.24	78.24	78.24
	e) RIHAND (195/2000)	57.65	57.34	57.60
	f) UNCHAHAR-I(19.99/420)	5.41	5.41	5.41
	g) UNCHAHAR-II& III(61/630)	18.20	18.20	18.20
	h) INDIRA GANDHI STPS(JHAJHAR) (5.89/500)	1.10	1.10	1.10
	i) NCTPS DADRI St-II (9.9/100)	8.28	8.22	8.24
	j) DADRI GAS (77/830)	15.18	14.23	14.23
	k) NCTPS DADRI St-II (9.9/100)	15.45	15.42	15.42
	l) AURAIYA (61.03/663)	10.17	10.02	10.02
	m) NAPP (44/440)	3.56	3.64	3.64
	n) RAPP-B (125/440)	34.87	34.87	34.87
	o) RAPP-C (88/440)	22.03	22.03	22.03
	p) SALAL (20.36/690)	0.97	0.74	0.78
	q) URI (43.01/480)	2.64	2.77	2.77
	r) TANAKPUR (10.86/94)	0.41	0.41	0.41
	s) CHAMERA –I (105.84/540)	5.97	6.08	6.08
	t) CHAMERA-II (29.01/300)	1.33	1.45	1.33
	u) DHAULIGANGA (27/280)	1.06	1.06	1.06
	v) DULHASTI (42.42/390)	2.27	2.80	2.80
	w) SEWA (13/120)	0.43	0.77	0.77
	x) NJPC (112.05/1500)	5.23	5.23	5.58
	y) TEHRI (75/1000)	7.66	7.66	7.66
	z) KOTESHWAR (9.9/100)	2.84	2.69	2.69
	aa) FRKKA+KHLGN+TLCHR (98.09/3440)	28.23	28.23	28.23
	ab) TALA	0.25	0.25	0.25
	ac) URS POWER	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO ac)	379.09	387.44	383.40
	LOSSES	-19.46	-19.87	-19.67
	NET SCHEDULED	359.63	367.57	363.73
20	BILATERAL (REG.) EXCL. BANKING	0.00	0.00	0.00
21	BANKING	127.18	127.18	127.18
22	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	0.00	0.00	0.00
23	INTER STATE OPEN ACCESS (BILATERAL+IEX)	1.98	4.21	4.21
24	INDIAN ENERGY EXCHANGE	22.34	16.30	16.30
	TOTAL(B): (18 TO 24)	511.13	515.26	511.42
	TOTAL GENERATION : 1 TO 24			1591.04
	OVER DRAWAL (+)/UNDER DRAWAL (-)			10.10
	GRAND TOTAL	1493.65	1462.55	1601.14
	LAST YEAR	1415.70	1343.11	1568.11

3.SYSTEM PARAMETERS AS ON 24-Jan-12

Maximum drawl on 24-Jan-12	7470 MW at 18.30-18.45 Hrs 49.83 HZ
Minimum drawl on 24-Jan-12	5895 MW at 04.00-04.15 Hrs. 49.98 Hz
Max U/D of the day	791 MW at 04.00-04.15 Hrs. 49.98Hz
Max. O/D below 49.5 Hz	136 MW at 06.30-06.45 Hrs 49.45 Hz
No. of Blocks Freq. < 49.5 Hz	2
No. of Violation Blocks Freq. < 49.5 Hz	2
No. of Blocks Freq. >= 49.5 & <49.7Hz	37
No. of Violation Blocks Freq. >= 49.5 & <49.7 Hz	11
Avr. Freq. for the day 24-Jan-12	49.76 Hz
Max O/D of the day	690 MW at 17.00-17.15 Hrs 50.00 HZ
Frequency Profile	% of Time
Less than 48.80 Hz	0.00
Less than 49.50 Hz	7.90
Operating Range(49.50 Hz to 50.20 Hz)	91.50
Above 50.20 Hz	0.60
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.	25-Jan-12	25-Jan-11		
Gandhi Sagar (Ft.)	1312	1250	1288.08	1253.92	5035	NIL
R.P.Sagar (Ft.)	1157	1128	1146.26	1136.17	7386	NIL
Jawahar Sagar (Ft.)	980	970.4	978.00	975.20	6983	NIL
Kota Barrage(Ft.)	854.5	852.3	854.20	854.30		
RMC					5282	
LMC					1000	
Bhakra(Ft.)	1690	1462	1632.92	1642.36	17542	6421
Dehar (Ft.)	2941	2900	2922.90	2922.04	1780	1979
Pong(Ft.)	1421	1260	1351.75	1362.64	7506	2458
Mahi-I (Mts.)	281.5	259	275.95	266.60	3080	NIL
Mahi-II (Mts.)	220.5	217	218.75	217.70	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
25/Jan/12	KTPS	(31000+0)	1.5 days
25/Jan/12	STPS	(97218+0)	3.5 days
25/Jan/12	CHHABRA	Nil	Nil

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

25/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)
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CENTRAL SECTOR

AURAIYA	GT # 4 (*)	111.19	18	9-Jan-12	00.44			CLOSED BY PLANT DUE TO LOW REQUISITION BY THE STATE
NAPP	1 (@)	220.00	19	19-Jan-12	14.32			TURBINE PROBLEM (MT & TAKEN UNDER BIENNIAL S/D)
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

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	21.00	18-Jan-12	1.25	1-Feb-12		HIGH EXHAUST TEMP.SPREAD TRIP
STPS	2	250.0	229	55.00	229	23-Jan-12	17.48	28-Jan-12		DESYN. DUE TO BTL
TOTAL				74.40	310.00					

CENTRAL SECTOR

TOTAL				0.00	0.00					
G.TOTAL				74.40	310.00					

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 (\$).