

**POWER GRID CORPORATION OF INDIA LIMITED
S.R.L.D.C, BANGALORE**

QUARTERLY REPORT

YEAR:2006-07/Quarter 4

Jan 07 to Mar 07

Brief report on Regional Power System /Performance of the grid is given below:

1. POWER SUPPLY POSITION

a) Peak Demand Met and Unrestricted Demand

Month	State/UT	Peak Demand Met (MW)	Unrestricted Demand (MW)	Shortage (MW)	Shortage (%)
Jan	Andhrapradesh	7520	8820	1300	14.74
	Karnataka	5640	5762	122	2.12
	Kerala	2664	2788	124	4.45
	Tamilnadu	8319	8524	205	2.40
	Pondicherry	221	226	5	2.21
	S.Region	23434	25492	2058	8.07
Feb	Andhrapradesh	8267	9878	1611	16.31
	Karnataka	5959	6046	87	1.44
	Kerala	2742	2800	58	2.07
	Tamilnadu	8584	8762	178	2.03
	Pondicherry	231	242	11	4.55
	S.Region	24621	26715	2094	7.84
Mar	Andhrapradesh	8641	10210	1569	15.37
	Karnataka	5861	6097	236	3.87
	Kerala	2737	2790	53	1.90
	Tamilnadu	8803	9015	212	2.35
	Pondicherry	231	240	9	3.75
	S.Region	25039	27050	2011	7.43

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Jan	Andhrapradesh	157.19	175.23	18.03	10.29
	Karnataka	122.61	126.13	3.52	2.79
	Kerala	40.68	41.97	1.29	3.07
	Tamilnadu	162.74	166.90	4.16	2.49
	Pondicherry	4.16	4.35	0.19	4.44
	S.Region	487.39	514.58	27.19	5.28
Feb	Andhrapradesh	167.32	185.75	18.43	9.92
	Karnataka	127.64	131.18	3.54	2.70
	Kerala	42.04	43.32	1.29	2.97
	Tamilnadu	172.18	176.86	4.68	2.65
	Pondicherry	4.39	4.57	0.18	3.91
	S.Region	513.57	541.68	28.11	5.19
Mar	Andhrapradesh	180.23	194.74	14.52	7.45
	Karnataka	129.39	134.48	5.10	3.79
	Kerala	45.58	46.97	1.39	2.95
	Tamilnadu	184.29	188.77	4.48	2.38
	Pondicherry	4.77	4.97	0.19	3.90
	S.Region	544.26	569.94	25.68	4.51

2. QUALITY OF SERVICE

a) Frequency Profile (% time)

Month	<48.0Hz	48.0- 49.0Hz	49.0 - 49.5Hz	49.5 - 50.5Hz	50.5 - 51.0Hz	>51.0Hz
Jan	0	9.26	78.60	12.09	0.05	0
Feb	0	2.92	80.62	16.39	0.07	0
Mar	0	6.26	87.68	5.98	0.08	0

b) Voltage Profile

Month	Ramagundam		Hyderabad		Bangalore		Madras		Neyveli	
	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)	Min(kV)
Jan	415	403	423	407	416	378	421	400	419	404
Feb	413	398	419	398	413	362	420	383	415	395
Mar	412	395	419	392	412	373	415	380	412	397

3. INTER-REGIONAL EXCHANGES(PHYSICAL) in MU

Month	Bhadravati BTB		Gazuwaka BTB		Talcher-Kolar Bipole	
	Import to SR	Export from SR	Import to SR	Export from SR	Import to SR	Exp from SR
Jan	0.37	336.56	277.52	-	1162.05	-
Feb	93.18	72.80	329.70	-	1128.24	-
Mar	46.64	73.63	481.05	-	1249.17	-

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Jan	APTRANSCO	1098.38	1212.29	113.91
	KPTCL	781.29	940.14	158.85
	KSEB	429.27	414.87	-14.40
	TNEB	1432.23	1337.36	-94.87
	PONDY	161.84	129.15	-32.69
	GOA	58.31	55.98	-2.33
Feb	APTRANSCO	1112.33	1252.75	140.42
	KPTCL	749.22	907.68	158.46
	KSEB	369.00	363.85	-5.15
	TNEB	1573.17	1562.98	-10.19
	PONDY	159.76	122.84	-36.92
	GOA	52.31	49.31	-3.00
Mar	APTRANSCO	1304.59	1404.94	100.35
	KPTCL	803.34	946.48	143.14
	KSEB	375.69	370.75	-4.94
	TNEB	1962.96	2064.08	101.12
	PONDY	176.64	148.13	-28.51
	GOA	61.49	56.72	-4.77