

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

QUARTERLY REPORT

YEAR:2007-08/Quarter 4

Jan 08 to Mar 08

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-08	Andhrapradesh	8656	9485	829	8.74
	Karnataka	5646	5757	111	1.93
	Kerala	2693	2791	98	3.50
	Tamilnadu	8970	9602	632	6.58
	Pondicherry	231	238	7	3.06
	S.Region	24730	26597	1867	7.02
Feb-08	Andhrapradesh	8933	9783	850	8.68
	Karnataka	5658	6243	585	9.36
	Kerala	2639	2926	287	9.80
	Tamilnadu	8969	9213	244	2.64
	Pondicherry	236	245	9	3.52
	S.Region	24729	26669	1940	7.27
Mar-08	Andhrapradesh	9162	10028	866	8.64
	Karnataka	5715	5796	81	1.40
	Kerala	2745	2757	12	0.43
	Tamilnadu	8750	8955	205	2.29
	Pondicherry	228	235	7	3.10
	S.Region	25061	26412	1351	5.11

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Jan-08	Andhrapradesh	175.94	187.67	11.73	6.25
	Karnataka	124.74	129.90	5.16	3.97
	Kerala	42.61	44.33	1.71	3.87
	Tamilnadu	165.32	171.17	5.84	3.41
	Pondicherry	4.58	4.73	0.15	3.20
	S.Region	513.19	537.79	24.60	4.57
Feb-08	Andhrapradesh	177.50	186.92	9.42	5.04
	Karnataka	126.79	134.06	7.27	5.42
	Kerala	44.15	46.18	2.02	4.38
	Tamilnadu	177.37	186.63	9.26	4.96
	Pondicherry	4.85	5.03	0.18	3.53
	S.Region	530.67	558.82	28.15	5.04
Mar-08	Andhrapradesh	181.01	189.13	8.12	4.29
	Karnataka	115.66	120.18	4.52	3.76
	Kerala	43.03	44.45	1.41	3.18
	Tamilnadu	168.44	173.08	4.64	2.68
	Pondicherry	4.87	5.02	0.15	2.92
	S.Region	513.02	531.85	18.84	3.54

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-08	0.00	2.65	62.07	35.28	0.00	0.00
Feb-08	0.00	6.22	74.32	19.45	0.01	0.00
Mar-08	0	8.09	49.33	42.34	0.24	0

b) Voltage Profile

Month	Ramagundam		Hyderabad		Bangalore		Madras		Ney
	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)
Jan-08	415	400	416	392	416	382	420	390	418
Feb-08	415	398	418	389	422	380	426	395	415
Mar-08	415	396	417	389	424	384	423	384	417

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	Export from SR
Jan-08	11.71	213.63	389.34	-	861.27	-
Feb-08	7.67	115.52	176.60	-	1156.84	-
Mar-08	122.66	74.91	246.79	-	1157.40	-

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Jan-08	APTRANSCO	1218.45	1245.17	26.72
	KPTCL	717.04	880.26	163.22
	KSEB	425.49	459.43	33.95
	TNEB	1487.22	1427.45	-59.77
	PONDY	175.41	141.69	-33.73
	GOA	63.02	47.84	-15.18
Feb-08	APTRANSCO	1174.97	1182.04	7.08
	KPTCL	692.79	813.87	121.08
	KSEB	337.41	350.43	13.02
	TNEB	1528.48	1567.45	38.97
	PONDY	160.38	140.69	-19.70
	GOA	57.53	45.53	-12.00
Mar-08	APTRANSCO	1301.61	1284.17	-17.44
	KPTCL	808.89	914.08	105.19
	KSEB	402.97	423.25	20.28
	TNEB	1592.65	1570.75	-21.90
	PONDY	163.89	150.94	-12.95
	GOA	57.79	46.93	-10.86

rveli
Min(kV)
402
401
401