

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

QUARTERLY REPORT

YEAR:2005-06/Quarter 4

January 06 to March 06

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

1. POWER SUPPLY POSITION

a) Peak Demand Met and Unrestricted Demand(MW)

Month	State/UT	Peak Demand Met (MW)	Unrestricted Demand (MW)	Shortage (MW)	Shortage (%)
January	Andhrapradesh	7868	7969	101	1.27
	Karnataka	5393	5428	35	0.64
	Kerala	2468	2504	36	1.44
	Tamilnadu	7356	7388	32	0.43
	Pondicherry	229	234	5	2.14
	S.Region	21915	21915	0	0.00
February	Andhrapradesh	8210	8363	153	1.83
	Karnataka	5478	5559	81	1.46
	Kerala	2490	2499	9	0.36
	Tamilnadu	7902	8132	230	2.83
	Pondicherry	241	246	5	2.03
	S.Region	23164	23765	601	2.53
March	Andhrapradesh	8239	8361	122	1.46
	Karnataka	5558	5659	101	1.78
	Kerala	2578	2617	39	1.49
	Tamilnadu	8209	8400	191	2.27
	Pondicherry	251	256	5	1.95
	S.Region	23372	23737	365	1.54

b) Energy available and Unrestricted requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
January	Andhrapradesh	151.13	152.19	1.06	0.70
	Karnataka	110.45	111.06	0.61	0.55
	Kerala	37.45	37.74	0.29	0.77
	Tamilnadu	133.16	134.06	0.90	0.67
	Pondicherry	3.87	3.90	0.03	0.83
	S.Region	436.06	438.97	2.90	0.66
February	Andhrapradesh	161.93	167.68	5.75	3.43
	Karnataka	118.64	120.71	2.07	1.72
	Kerala	38.75	39.61	0.86	2.16
	Tamilnadu	151.93	154.71	2.79	1.80
	Pondicherry	4.29	4.39	0.11	2.44
	S.Region	475.54	487.11	11.57	2.38
March	Andhrapradesh	161.65	165.26	3.61	2.19
	Karnataka	115.32	118.68	3.35	2.83
	Kerala	40.55	41.52	0.97	2.33
	Tamilnadu	159.35	163.52	4.16	2.54
	Pondicherry	4.45	4.58	0.13	2.82
	S.Region	481.32	493.55	12.23	2.48

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
January	0	0.08	5.39	94.48	0.05	0
February	0	8.55	33.41	57.98	0.06	0
March	0	10.24	46.55	43.13	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)
January	418	403	430	409	414	379	430	405	425	408
February	416	401	426	402	420	383	428	395	423	405
March	415	401	430	396	420	376	428	390	422	403

3. INTER-REGIONAL EXCHANGES(PHYSICAL) in MU

Month	Bhadravati BTB		Gazuwaka BTB		Talcher-Kolar Bipole	
	Import	Export	Import	Export	Import	Export
January	-	380.306	159.43	-	1095.83	-
February	-	244.12	264.13	-	1046.12	-
March	44.86	147.91	290.28	1.42	1129.61	-

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
January	APTRANSCO	754.74	751.94	-2.80
	KPTCL	819.00	887.35	68.34
	KSEB	587.85	565.70	-22.15
	TNEB	1284.46	1330.03	45.57
	PONDY	162.53	129.47	-33.06
	GOA	45.77	41.57	-4.20
February	APTRANSCO	881.63	914.79	33.16
	KPTCL	749.63	819.97	70.34
	KSEB	537.75	456.22	-81.53
	TNEB	1305.96	1349.83	43.87
	PONDY	148.04	128.89	-19.15
	GOA	53.29	49.49	-3.80
March	APTRANSCO	1022.72	1156.90	134.18
	KPTCL	756.56	820.65	64.09
	KSEB	477.32	368.90	-108.42
	TNEB	1494.86	1554.83	59.97
	PONDY	146.63	147.80	1.18
	GOA	63.90	46.45	-17.45