

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

**QUARTERLY REPORT**

**YEAR:2007-08/Quarter 3**

**Oct 07 to Dec 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 (%)
Oct	Andhrapradesh	8301	9035.6	734.6	8.13
	Karnataka	5465	6232	767	12.31
	Kerala	2682	2665.2	-16.8	-0.63
	Tamilnadu	8946	10132.5	1186.5	11.71
	Pondicherry	239	244	5	2.05
	S.Region	24669	27446.7	2777.7	10.12
Nov	Andhrapradesh	7494	8015	521	6.50
	Karnataka	5294	6092.5	798.5	13.11
	Kerala	2636	2650.7	14.7	0.55
	Tamilnadu	8821	10028	1207	12.04
	Pondicherry	214	224.1	10.1	4.51
	S.Region	24009	26543.2	2534.2	9.55
Dec	Andhrapradesh	8656	9485.4	829.4	8.74
	Karnataka	5646	5757	111	1.93
	Kerala	2693	2790.6	97.6	3.50
	Tamilnadu	8970	9601.75	631.75	6.58
	Pondicherry	231	238.3	7.3	3.06
	S.Region	24730	26597.4	1867.4	7.02

**b) Energy availability and Requirement(MU)**

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Oct	Andhrapradesh	164.03	168.64	4.61	2.73
	Karnataka	101.77	104.16	2.38	2.29
	Kerala	41.13	41.94	0.81	1.92
	Tamilnadu	163.29	171.60	8.31	4.84
	Pondicherry	4.74	4.86	0.12	2.37
	S.Region	474.97	491.19	16.23	3.30
Nov	Andhrapradesh	155.67	160.46	4.80	2.99
	Karnataka	105.97	109.03	3.06	2.81
	Kerala	41.67	42.80	1.13	2.64
	Tamilnadu	157.93	168.44	10.50	6.24
	Pondicherry	4.43	4.59	0.16	3.40
	S.Region	465.67	485.31	19.64	4.05
Dec	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

## 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
Oct	0.00	7.79	41.50	50.43	0.28	0.00
Nov	0.00	8.73	53.99	37.28	0.00	0.00
Dec	0.00	2.65	62.07	35.28	0.00	0.00

### 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)
Oct	417	402	422	396	424	385	428	376	419
Nov	420	402	420	403	425	386	426	395	421
Dec	420	403	420	398	423	385	424	398	421

## 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
Oct	378.94	0.04	161.03	-	1141.56	-
Nov	291.33	0.00	129.87	-	1102.35	-
Dec	168.64	1.05	161.97	-	1232.25	-

## 4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Oct	APTRANSCO	1003.37	1058.47	55.10
	KPTCL	523.27	569.02	45.75
	KSEB	257.86	20.93	-236.93
	TNEB	1269.91	1503.03	233.12
	PONDY	147.17	147.04	-0.13
	GOA	50.41	52.78	2.37
Nov	APTRANSCO	985.36	1018.12	32.76
	KPTCL	500.32	531.21	30.89
	KSEB	348.68	248.75	-99.93
	TNEB	1185.13	1326.45	141.32
	PONDY	128.58	132.87	4.29
	GOA	47.51	44.99	-2.52
Dec	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



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Min(kV)
395
403
401