

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

QUARTERLY REPORT

YEAR:2006-07/Quarter 3

Oct 06 to Dec 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

Month	State/UT	Peak Demand Met (MW)	Unrestricted Demand (MW)	Shortage (MW)	Shortage (%)
Oct	Andhrapradesh	8158	8293	135	1.63
	Karnataka	5342	5461	119	2.18
	Kerala	2610	2625	15	0.57
	Tamilnadu	7980	8174	194	2.37
	Pondicherry	224	229	5	2.18
	S.Region	22793	23472	679	2.89
Nov	Andhrapradesh	7340	7540	200	2.65
	Karnataka	5086	5145	59	1.15
	Kerala	2615	2670	55	2.06
	Tamilnadu	7734	7883	149	1.89
	Pondicherry	215	221	6	2.71
	S.Region	22499	22971	472	2.05
Dec	Andhrapradesh	7470	8302	832	10.02
	Karnataka	5515	5719	204	3.57
	Kerala	2643	2696	53	1.97
	Tamilnadu	8225	8367	142	1.70
	Pondicherry	214	223	9	4.04
	S.Region	23193	24751	1558	6.29

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Oct	Andhrapradesh	163.52	168.26	4.74	2.82
	Karnataka	107.77	110.39	2.61	2.37
	Kerala	38.74	39.61	0.87	2.20
	Tamilnadu	146.45	149.26	2.81	1.88
	Pondicherry	4.16	4.29	0.13	3.01
	S.Region	460.65	471.81	11.16	2.37
Nov	Andhrapradesh	143.77	146.77	3.00	2.04
	Karnataka	102.33	104.20	1.87	1.79
	Kerala	39.57	40.37	0.80	1.98
	Tamilnadu	138.17	140.77	2.60	1.85
	Pondicherry	4.07	4.17	0.10	2.40
	S.Region	427.90	436.27	8.37	1.92
Dec	Andhrapradesh	148.06	162.48	14.42	8.87
	Karnataka	114.84	118.32	3.48	2.94
	Kerala	39.94	41.23	1.29	3.13
	Tamilnadu	158.03	162.13	4.10	2.53
	Pondicherry	4.13	4.32	0.19	4.48
	S.Region	465.00	488.48	23.48	4.81

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	10.53	41.67	47.79	0.01	0
Nov	0	0.69	50.38	48.92	0.01	0
Dec	0	10.40	78.06	11.54	0.00	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)
Oct	417	402	425	401	418	379	425	393	422
Nov	415	404	427	408	419	383	426	401	424
Dec	415	405	423	407	414	382	420	397	420

3. INTER-REGIONAL EXCHANGES(PHYSICAL) in MU

Month	Bhadravati BTB		Gazuwaka BTB		Talcher-Kolar Bipole	
	Import	Export	Import	Export	Import	Export
Oct	425.14	0.52	321.19	-	1221.62	-
Nov	392.94	-	260.47	-	1134.02	-
Dec	318.84	0.31	321.22	-	1077.60	-

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Oct	APTRANSCO	732.46	804.55	72.09
	KPTCL	602.53	592.20	-10.33
	KSEB	543.19	504.35	-38.84
	TNEB	1226.27	1124.41	-101.86
	PONDY	127.47	121.80	-5.67
	GOA	48.45	45.75	-2.70
Nov	APTRANSCO	897.77	1034.27	136.51
	KPTCL	735.89	710.62	-25.27
	KSEB	527.97	408.05	-119.92
	TNEB	1223.89	1116.82	-107.08
	PONDY	141.17	115.10	-26.07
	GOA	60.24	60.86	0.62
Dec	APTRANSCO	929.14	1128.56	199.42
	KPTCL	741.56	843.97	102.41
	KSEB	548.21	479.64	-68.57
	TNEB	1327.19	1259.49	-67.70
	PONDY	141.49	127.60	-13.89
	GOA	61.35	52.88	-8.47

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Min(kV)
400
409
404