

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

QUARTERLY REPORT

YEAR:2005-06/Quarter 3

October 05 to December 05

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 (%)
Oct-05	Andhrapradesh	7359	7323	-36	-0.49
	Karnataka	4562	4538	-24	-0.53
	Kerala	2394	2388	-6	-0.25
	Tamilnadu	7557	7510	-47	-0.63
	Pondicherry	239	237	-2	-0.84
	S.Region	21268	21154	-114	-0.54
Nov-05	Andhrapradesh	6336	6388	52	0.81
	Karnataka	4732	4779	47	0.98
	Kerala	2370	2360	-10	-0.42
	Tamilnadu	7249	7281	32	0.44
	Pondicherry	244	246	2	0.81
	S.Region	20736	20836	100	0.48
Dec-05	Andhrapradesh	7065	7114	49	0.69
	Karnataka	5037	5073	36	0.71
	Kerala	2519	2555	36	1.41
	Tamilnadu	7064	7118	54	0.76
	Pondicherry	215	216	1	0.46
	S.Region	21174	21467	293	1.36

b) Energy available and Unrestricted requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Oct-05	Andhrapradesh	138.48	137.10	-1.39	-1.01
	Karnataka	81.71	80.90	-0.81	-1.00
	Kerala	37.10	36.74	-0.35	-0.97
	Tamilnadu	131.32	130.13	-1.19	-0.92
	Pondicherry	4.13	4.06	-0.06	-1.59
	S.Region	392.74	388.94	-3.81	-0.98
Nov-05	Andhrapradesh	121.23	120.55	-0.68	-0.56
	Karnataka	83.45	83.06	-0.39	-0.47
	Kerala	35.19	35.00	-0.19	-0.55
	Tamilnadu	116.42	115.84	-0.58	-0.50
	Pondicherry	3.42	3.39	-0.03	-0.95
	S.Region	359.71	357.84	-1.87	-0.52
Dec-05	Andhrapradesh	137.97	138.35	0.39	0.28
	Karnataka	100.03	100.26	0.23	0.23
	Kerala	36.84	36.94	0.10	0.26
	Tamilnadu	124.10	124.42	0.32	0.26
	Pondicherry	3.65	3.65	0.00	0.00
	S.Region	402.58	403.61	1.03	0.26

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-05	0	0	0.03	97.44	2.47	0.06
Nov-05	0	0.12	1.46	96.78	1.64	0
Dec-05	0	0.2	3.49	96.26	0.05	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)
Oct-05	418	399	429	406	421	385	441	395	426	407
Nov-05	419	403	430	409	422	385	435	397	430	406
Dec-05	419	402	429	409	431	400	426	408	419	385

3. INTER-REGIONAL EXCHANGES(PHYSICAL) in MU

Month	Bhadravati BTB		Gazuwaka BTB		Talcher-Kolar Bipole	
	Import	Export	Import	Export	Import	Export
Oct-05	0.093	399.883	174.88	-	891.92	-
Nov-05	-	367.08	103.24	-	1000.55	-
Dec-05	1.02	441.55	114.56	-	885.17	-

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Oct-05	APTRANSCO	417.51	388.53	-28.98
	KPTCL	679.40	791.48	112.08
	KSEB	383.68	283.42	-100.27
	TNEB	1247.70	1305.86	58.16
	PONDY	142.37	137.01	-5.36
	GOA	36.40	38.51	2.10
Nov-05	APTRANSCO	1103.31	1070.32	-32.99
	KPTCL	1136.43	1330.69	194.26
	KSEB	895.13	722.32	-172.81
	TNEB	2269.38	2375.39	106.02
	PONDY	283.14	251.46	-31.69
	GOA	72.25	73.36	1.11
Dec-05	APTRANSCO	609.09	643.52	34.43
	KPTCL	637.21	692.88	55.67
	KSEB	551.06	530.81	-20.25
	TNEB	1036.02	1053.78	17.76
	PONDY	135.16	122.00	-13.16
	GOA	43.96	42.26	-1.70