

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

**QUARTERLY REPORT**

**YEAR:2006-07/Quarter 1**

**April 06 to June 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 (%)
April	Andhrapradesh	7840	8001	161	2.01
	Karnataka	5611	6233	622	9.98
	Kerala	2602	2628	26	0.99
	Tamilnadu	8130	8321	191	2.30
	Pondicherry	243	250	7	2.80
	S.Region	23520	24606	1086	4.41
May	Andhrapradesh	6704	6751	47	0.70
	Karnataka	5431	5541	110	1.99
	Kerala	2600	2655	55	2.07
	Tamilnadu	8371	8522	151	1.77
	Pondicherry	238	245	7	2.86
	S.Region	22376	22898	522	2.28
June	Andhrapradesh	7089	7271	182	2.50
	Karnataka	4952	5045	93	1.84
	Kerala	2536	2564	28	1.09
	Tamilnadu	8263	8364	101	1.21
	Pondicherry	227	232	5	2.16
	S.Region	22342	22714	372	1.64

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

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
April	Andhrapradesh	159.13	164.07	4.93	3.01
	Karnataka	120.33	123.97	3.63	2.93
	Kerala	41.50	42.83	1.33	3.11
	Tamilnadu	160.77	166.63	5.87	3.52
	Pondicherry	4.63	4.83	0.20	4.14
	S.Region	486.37	502.33	15.97	3.18
May	Andhrapradesh	140.68	147.03	6.35	4.32
	Karnataka	101.87	103.74	1.87	1.80
	Kerala	38.61	39.45	0.84	2.13
	Tamilnadu	149.32	151.97	2.65	1.74
	Pondicherry	4.55	4.68	0.13	2.76
	S.Region	435.03	446.87	11.84	2.65
June	Andhrapradesh	143.77	149.23	5.47	3.66
	Karnataka	87.33	88.63	1.30	1.47
	Kerala	37.47	38.03	0.57	1.49
	Tamilnadu	149.73	151.50	1.77	1.17
	Pondicherry	4.50	4.57	0.07	1.46
	S.Region	422.80	431.97	9.17	2.12

## 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
April	0	23.7	59.00	17.20	0.1	0
May	0	4.32	47.66	47.94	0.08	0
June	0	1.20	36.17	62.57	0.06	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)
April	414	398	425	395	419	376	419	384	416	412
May	417	404	430	406	422	381	425	376	422	403
June	418	406	431	415	426	388	422	392	423	402

## 3. INTER-REGIONAL EXCHANGES(PHYSICAL) in MU

Month	Bhadravati BTB		Gazuwaka BTB		Talcher-Kolar Bipole	
	Import	Export	Import	Export	Import	Export
April	246.15	1	275.01	-	1087.45	-
May	211.78	2.65	247.44	-	1129.25	-
June	278.95	7.76	212.52	-	937.75	-

## 4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
April	APTRANSCO	909.18	963.00	53.82
	KPTCL	723.91	766.63	42.72
	KSEB	313.85	228.85	-85.00
	TNEB	1581.59	1509.19	-72.40
	PONDY	148.47	132.90	-15.57
	GOA	59.72	48.38	-11.34
May	APTRANSCO	927.07	1052.11	125.04
	KPTCL	800.52	854.72	54.19
	KSEB	463.02	401.94	-61.08
	TNEB	1535.51	1450.45	-85.06
	PONDY	161.89	133.47	-28.42
	GOA	60.80	41.69	-19.11
June	APTRANSCO	819.31	942.70	123.39
	KPTCL	678.10	623.15	-54.95
	KSEB	403.90	358.39	-45.52
	TNEB	1240.48	1206.69	-33.79
	PONDY	150.00	127.61	-22.40
	GOA	55.86	39.29	-16.57