

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

**QUARTERLY REPORT**

**YEAR:2008-09/Quarter 1**

**Apr 08 to Jun 08**

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 (%)
Apr-08	Andhrapradesh	8486	9278	792	8.54
	Karnataka	5680	5790	110	1.89
	Kerala	2651	2775	124	4.47
	Tamilnadu	8885	9065	180	1.99
	Pondicherry	248	254	6	2.25
	S.Region	25603	26764	1161	4.34
May-08	Andhrapradesh	8503	8672	169	1.95
	Karnataka	5724	5804	80	1.37
	Kerala	2754	2892	138	4.77
	Tamilnadu	9228	9440	212	2.24
	Pondicherry	239	245	6	2.49
	S.Region	25714	26193	479	1.83
Jun-08	Andhrapradesh	8145	8395	250	2.97
	Karnataka	4950	5345	395	7.38
	Kerala	2631	2799	168	6.01
	Tamilnadu	9459	9639	180	1.87
	Pondicherry	234	242	8	3.27
	S.Region	24930	26978	2048	7.59

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

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Apr-08	Andhrapradesh	177.92	186.75	11.73	6.25
	Karnataka	121.24	124.36	5.16	3.97
	Kerala	45.09	47.12	1.71	3.87
	Tamilnadu	190.26	198.37	5.84	3.41
	Pondicherry	5.20	5.37	0.15	3.20
	S.Region	539.72	561.97	24.60	4.57
May-08	Andhrapradesh	176.84	182.95	9.42	5.04
	Karnataka	119.61	122.34	7.27	5.42
	Kerala	45.57	47.52	2.02	4.38
	Tamilnadu	193.07	199.38	9.26	4.96
	Pondicherry	4.98	5.15	0.18	3.53
	S.Region	540.08	557.34	28.15	5.04
Jun-08	Andhrapradesh	167.11	178.78	8.12	4.29
	Karnataka	106.26	109.83	4.52	3.76
	Kerala	41.12	44.61	1.41	3.18
	Tamilnadu	194.28	202.44	4.64	2.68
	Pondicherry	4.86	5.73	0.15	2.92
	S.Region	513.64	541.40	18.84	3.54

## 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
Apr-08	0.00	9.98	61.26	28.71	0.05	0.00
May-08	0.00	5.36	71.86	22.73	0.05	0.00
Jun-08	0.00	14.48	61.13	24.37	0.02	0.00

### 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)
Apr-08	415	402	415	394	413	379	417	375	415	394
May-08	418	403	418	391	423	378	414	370	411	398
Jun-08	418	404	418	391	422	383	425	370	413	391

## 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
Apr-08	122.66	74.91	246.79	-	1157.40	-
May-08	0.71	115.52	379.82	-	1199.09	-
Jun-08	122.66	74.91	246.79	-	1157.40	-

## 4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Apr-08	APTRANSCO	1142.25	1181.19	38.94
	KPTCL	817.77	862.66	44.89
	KSEB	392.19	333.23	-58.96
	TNEB	1592.65	1570.75	-21.91
	PONDY	153.49	156.09	2.60
	GOA	59.91	60.60	0.69
May-08	APTRANSCO	1389.28	1623.55	234.28
	KPTCL	749.09	869.02	119.93
	KSEB	369.24	369.82	0.58
	TNEB	1592.65	1570.75	-21.91
	PONDY	153.46	154.46	1.01
	GOA	48.78	38.02	-10.76
Jun-08	APTRANSCO	1063.04	1296.79	233.75
	KPTCL	554.48	705.78	151.30
	KSEB	356.99	495.29	138.30
	TNEB	1283.21	1501.42	218.22
	PONDY	125.90	145.76	19.86
	GOA	58.24	43.41	-14.83