

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

**QUARTERLY REPORT**

**YEAR:2008-09/Quarter 2**

**Jul 08 to Sep 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 (%)
Jul-08	Andhrapradesh	8515	9558	1043	10.91
	Karnataka	4941	5451	510	9.35
	Kerala	2307	2614	307	11.73
	Tamilnadu	9103	9351	248	2.65
	Pondicherry	220	294	74	25.22
	S.Region	23448	25675	2227	8.68
Aug-08	Andhrapradesh	8590	8920	330	3.70
	Karnataka	4716	4824	108	2.24
	Kerala	2315	2635	320	12.13
	Tamilnadu	8882	9437	555	5.88
	Pondicherry	216	225	9	4.04
	S.Region	23269	24392	1123	4.60
Sep-08	Andhrapradesh	8926	9074	148	1.63
	Karnataka	5295	5799	504	8.68
	Kerala	2453	2491	38	1.52
	Tamilnadu	9125	9310	185	1.98
	Pondicherry	205	277	72	25.99
	S.Region	24948	27065	2117	7.82

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

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Jul-08	Andhrapradesh	168.04	195.06	11.73	6.25
	Karnataka	105.15	117.06	5.16	3.97
	Kerala	39.66	46.71	1.71	3.87
	Tamilnadu	185.98	202.48	5.84	3.41
	Pondicherry	4.92	5.86	0.15	3.20
	S.Region	503.76	567.17	24.60	4.57
Aug-08	Andhrapradesh	170.01	189.30	9.42	5.04
	Karnataka	96.88	104.53	7.27	5.42
	Kerala	39.09	43.83	2.02	4.38
	Tamilnadu	174.44	195.77	9.26	4.96
	Pondicherry	4.67	5.76	0.18	3.53
	S.Region	485.08	539.19	28.15	5.04
Sep-08	Andhrapradesh	179.22	188.85	8.12	4.29
	Karnataka	94.78	102.83	4.52	3.76
	Kerala	38.98	44.02	1.41	3.18
	Tamilnadu	170.99	191.32	4.64	2.68
	Pondicherry	4.51	5.66	0.15	2.92
	S.Region	488.47	532.68	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
Jul-08	0.00	31.62	61.82	6.54	0.02	0.00
Aug-08	0.00	18.80	52.56	28.60	0.04	0.00
Sep-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)
Jul-08	419	406	420	396	421	388	423	376	415	394
Aug-08	421	402	424	395	420	379	421	378	415	398
Sep-08	418	401	416	394	418	384	419	378	416	394

## 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
Jul-08	134.34	58.40	300.53	-	934.58	-
Aug-08	336.54	8.03	346.31	-	828.31	-
Sep-08	140.86	18.94	219.31	9.73	867.95	-

## 4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Jul-08	APTRANSCO	1173.54	1382.39	208.85
	KPTCL	612.71	764.57	151.86
	KSEB	423.95	476.38	52.44
	TNEB	1592.65	1570.75	-21.91
	PONDY	147.65	152.47	4.83
	GOA	60.93	40.56	-20.37
Aug-08	APTRANSCO	1261.40	1412.73	151.33
	KPTCL	569.43	672.96	103.53
	KSEB	480.37	553.18	72.81
	TNEB	1592.65	1570.75	-21.90
	PONDY	130.52	144.78	14.26
	GOA	56.08	49.82	-6.26
Sep-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