

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

QUARTERLY REPORT

YEAR:2007-08/Quarter 2

July 07 to Sept 07

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 (%)
July	Andhrapradesh	7866	7975	109	1.37
	Karnataka	4849	4975	126	2.53
	Kerala	2558	2562	4	0.14
	Tamilnadu	8718	8864	146	1.65
	Pondicherry	245	253	8	3.20
	S.Region	23806	24271	465	1.91
Aug	Andhrapradesh	8607	8706	98.8	1.13
	Karnataka	5023	5038	15	0.30
	Kerala	2655	2684	28.7	1.07
	Tamilnadu	8825	9021	195.75	2.17
	Pondicherry	225	230	4.5	1.96
	S.Region	23873	24195	321.75	1.33
Sept	Andhrapradesh	8054	8049	-5.2	-0.06
	Karnataka	4777	4788	10.5	0.22
	Kerala	2643	2651	8.4	0.32
	Tamilnadu	8714	8712	-2.25	-0.03
	Pondicherry	242	242	-0.1	-0.04
	S.Region	23619	23669	50.05	0.21

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
July	Andhrapradesh	161.32	164.67	3.35	2.03
	Karnataka	97.90	98.78	0.88	0.89
	Kerala	38.29	38.69	0.40	1.04
	Tamilnadu	173.13	174.43	1.30	0.74
	Pondicherry	5.00	5.06	0.06	1.14
	S.Region	475.65	481.63	5.98	1.24
Aug	Andhrapradesh	170.26	173.28	3.02	1.75
	Karnataka	97.94	98.34	0.41	0.41
	Kerala	40.03	40.20	0.17	0.42
	Tamilnadu	161.74	162.42	0.68	0.42
	Pondicherry	4.61	4.64	0.02	0.52
	S.Region	474.58	478.88	4.30	0.90
Sept	Andhrapradesh	159.03	160.42	1.38	0.86
	Karnataka	92.03	91.85	-0.18	-0.20
	Kerala	40.93	40.86	-0.07	-0.18
	Tamilnadu	168.40	168.17	-0.23	-0.14
	Pondicherry	4.80	4.79	-0.01	-0.25
	S.Region	465.20	466.08	0.88	0.19

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
July	0.00	0.77	17.35	81.83	0.05	0.00
Aug	0.00	0.47	9.10	89.40	1.03	0.00
Sept	0.00	0.28	3.28	94.38	2.06	0.00

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)
July	419	397	419	390	423	381	422	379	416
Aug	416	398	419	391	426	383	424	378	418
Sept	417	403	422	401	427	385	422	379	419

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
July	39.58	91.82	322.76	0.75	635.19	-
Aug	351.22	7.97	161.82	-	621.97	-
Sept	349.28	0.28	111.6	-	809.74	-

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
July	APTRANSCO	974.49	954.69	-19.80
	KPTCL	694.72	717.38	22.66
	KSEB	480.87	454.93	-25.94
	TNEB	1209.08	1366.95	157.87
	PONDY	160.88	154.76	-6.12
	GOA	49.44	50.92	1.48
Aug	APTRANSCO	905.41	844.30	-61.11
	KPTCL	556.53	525.51	-31.02
	KSEB	334.69	410.22	75.53
	TNEB	1099.69	1167.77	68.08
	PONDY	151.27	142.53	-8.74
	GOA	48.57	52.62	4.05
Sept	APTRANSCO	22.87	17.92	-4.95
	KPTCL	19.52	16.64	-2.88
	KSEB	13.52	10.73	-2.78
	TNEB	38.61	48.55	9.93
	PONDY	5.22	4.79	-0.43
	GOA	1.84	1.70	-0.14