

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

QUARTERLY REPORT

YEAR:2006-07/Quarter 2

July 06 to Sept 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 (%)
July	Andhrapradesh	8104	8138	34	0.42
	Karnataka	4902	5015	113	2.25
	Kerala	2568	2596	28	1.08
	Tamilnadu	8261	8315	54	0.65
	Pondicherry	228	234	6	2.56
	S.Region	22361	22661	300	1.32
Aug	Andhrapradesh	8281	8403	122	1.45
	Karnataka	5448	5603	155	2.77
	Kerala	2589	2655	66	2.49
	Tamilnadu	8094	8135	41	0.50
	Pondicherry	231	230	-1	-0.43
	S.Region	22945	23681	736	3.11
Sept	Andhrapradesh	8195	8200	5	0.06
	Karnataka	5345	5378	33	0.61
	Kerala	2614	2594	-20	-0.77
	Tamilnadu	8072	8122	50	0.62
	Pondicherry	236	240	4	1.67
	S.Region	22554	22432	-122	-0.54

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
July	Andhrapradesh	154.06	154.74	0.68	0.44
	Karnataka	94.32	94.77	0.45	0.48
	Kerala	36.74	36.94	0.19	0.52
	Tamilnadu	148.94	149.52	0.58	0.39
	Pondicherry	4.65	4.68	0.03	0.69
	S.Region	438.71	440.65	1.94	0.44
Aug	Andhrapradesh	159.10	159.26	0.16	0.10
	Karnataka	105.26	105.23	-0.03	-0.03
	Kerala	38.29	38.26	-0.03	-0.08
	Tamilnadu	157.39	157.32	-0.06	-0.04
	Pondicherry	4.61	4.61	0.00	0.00
	S.Region	464.65	464.68	0.03	0.01
Sept	Andhrapradesh	155.50	160.60	5.10	3.18
	Karnataka	101.70	102.57	0.87	0.84
	Kerala	38.17	38.57	0.40	1.04
	Tamilnadu	157.57	158.87	1.30	0.82
	Pondicherry	4.57	4.63	0.07	1.44
	S.Region	457.50	465.23	7.73	1.66

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	0.48	7.75	91.66	0.11	0
Aug	0	0.37	6.56	92.66	0.41	0
Sept	0	1.38	28.24	70.36	0.02	0

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	421	400	435	402	420	383	419	386	421
Aug	422	402	429	401	415	380	421	390	420
Sept	420	408	429	401	415	380	423	393	419

3. INTER-REGIONAL EXCHANGES(PHYSICAL) in MU

Month	Bhadravati BTB		Gazuwaka BTB		Talcher-Kolar Bipole	
	Import	Export	Import	Export	Import	Export
July	386.61	1.02	342.79	-	1099.10	-
Aug	215.98	8.29	253.65	-	1125.88	-
Sept	289.92	24.78	239.02	-	1155.50	-

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
July	APTRANSCO	817.34	850.14	32.80
	KPTCL	655.32	583.30	-72.02
	KSEB	470.33	437.02	-33.31
	TNEB	1299.27	1246.02	-53.25
	PONDY	152.15	137.55	-14.60
	GOA	49.44	42.98	-6.46
Aug	APTRANSCO	637.40	588.66	-48.74
	KPTCL	713.11	690.36	-22.75
	KSEB	595.64	584.07	-11.56
	TNEB	1313.49	1258.36	-55.13
	PONDY	149.38	136.11	-13.26
	GOA	57.02	44.39	-12.63
Sept	APTRANSCO	662.04	785.32	123.28
	KPTCL	668.49	570.53	-97.96
	KSEB	558.68	550.05	-8.63
	TNEB	1300.64	1242.76	-57.88
	PONDY	138.02	130.10	-7.92
	GOA	45.28	42.72	-2.56

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Min(kV)
395
405
404