

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

QUARTERLY REPORT

YEAR:2007-08/Quarter 1

April 07 to June 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 (%)
Apr	Andhrapradesh	8337	9964	1627	16.33
	Karnataka	5644	6334	690	10.89
	Kerala	2616	2869	253	8.82
	Tamilnadu	8739	8924	185	2.07
	Pondicherry	232	241	9	3.73
	S.Region	24641	27471	2830	10.30
May	Andhrapradesh	7692	8892	1200	13.50
	Karnataka	5704	6001	297	4.95
	Kerala	2676	2716	40	1.47
	Tamilnadu	8642	8786	144	1.64
	Pondicherry	243	251	8	3.19
	S.Region	24878	26729	1851	6.93
June	Andhrapradesh			0	#DIV/0!
	Karnataka			0	#DIV/0!
	Kerala			0	#DIV/0!
	Tamilnadu			0	#DIV/0!
	Pondicherry			0	#DIV/0!
	S.Region			0	#DIV/0!

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Apr	Andhrapradesh	163.91	178.63	14.72	8.24
	Karnataka	117.55	122.07	4.52	3.70
	Kerala	42.51	43.90	1.39	3.17
	Tamilnadu	177.54	181.97	4.42	2.43
	Pondicherry	4.86	5.07	0.20	4.04
	S.Region	506.37	531.63	25.26	4.75
May	Andhrapradesh	159.60	170.32	10.73	6.30
	Karnataka	109.19	113.03	3.84	3.40
	Kerala	43.09	44.48	1.39	3.12
	Tamilnadu	179.79	184.19	4.41	2.39
	Pondicherry	4.99	5.19	0.20	3.84
	S.Region	496.66	517.23	20.57	3.98
June	Andhrapradesh			0.00	#DIV/0!
	Karnataka			0.00	#DIV/0!
	Kerala			0.00	#DIV/0!
	Tamilnadu			0.00	#DIV/0!
	Pondicherry			0.00	#DIV/0!
	S.Region			0.00	#DIV/0!

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	0.00	12.44	75.97	11.54	0.05	0.00
May	0.00	2.01	61.77	36.13	0.09	0.00
June						

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)
Apr	414	397	421	392	422	386	416	383	417
May	413	397	419	384	424	370	419	361	415
June									

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	23.37	47.67	324.48	-	1118.62	-
May	128.60	85.60	446.41	-	1024.71	-
June				-		-

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Apr	APTRANSCO	1198.47	1213.53	15.06
	KPTCL	735.13	857.98	122.85
	KSEB	264.91	276.45	11.54
	TNEB	1809.41	1859.23	49.82
	PONDY	161.91	145.86	-16.05
	GOA	53.35	55.12	1.77
May	APTRANSCO	1282.03	1378.96	96.93
	KPTCL	816.86	919.65	102.79
	KSEB	448.51	482.17	33.66
	TNEB	1675.99	1755.94	79.95
	PONDY	177.50	154.81	-22.69
	GOA	62.12	59.48	-2.64
June	APTRANSCO			0.00
	KPTCL			0.00
	KSEB			0.00
	TNEB			0.00
	PONDY			0.00
	GOA			0.00

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Min(kV)
401
390