

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

**QUARTERLY REPORT**

**YEAR:2005-06/Quarter 1**

**April 05 to June 05**

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 (%)
April	Andhrapradesh	7130	7122	-8	-0.11
	Karnataka	5442	5570	128	2.30
	Kerala	2355	2370	15	0.63
	Tamilnadu	7511	7558	47	0.62
	Pondicherry	218	224	6	2.68
	S.Region	21756	22364	608	2.72
May	Andhrapradesh	6680	6849	169	2.47
	Karnataka	5073	5252	179	3.41
	Kerala	2439	2496	57	2.28
	Tamilnadu	7522	7826	304	3.88
	Pondicherry	235	244	9	3.69
	S.Region	21646	22111	465	2.10
June	Andhrapradesh	6264	6373	109	1.71
	Karnataka	4561	4704	143	3.04
	Kerala	2336	2393	57	2.38
	Tamilnadu	7708	7773	65	0.84
	Pondicherry	249	257	8	3.11
	S.Region	20758	21058	300	1.42

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

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
April	Andhrapradesh	150.90	152.15	1.25	0.82
	Karnataka	95.33	96.05	0.72	0.75
	Kerala	36.37	36.70	0.34	0.92
	Tamilnadu	141.37	142.45	1.08	0.76
	Pondicherry	4.10	4.15	0.05	1.16
	S.Region	428.07	431.50	3.43	0.80
May	Andhrapradesh	141.74	148.13	6.39	4.31
	Karnataka	93.74	95.48	1.74	1.82
	Kerala	38.48	39.29	0.81	2.05
	Tamilnadu	143.19	145.77	2.58	1.77
	Pondicherry	4.23	4.35	0.13	2.96
	S.Region	421.39	433.03	11.65	2.69
June	Andhrapradesh	139.20	145.30	6.10	4.20
	Karnataka	81.07	82.53	1.47	1.78
	Kerala	34.60	35.30	0.70	1.98
	Tamilnadu	145.47	147.67	2.20	1.49
	Pondicherry	4.57	4.67	0.10	2.14
	S.Region	404.90	415.47	10.57	2.54

## 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
April	0	0.01	7.8	92.12	0.07	0
May	0	6.37	39.2	54.41	0.02	0
June	0	1.91	35.2	62.86	0.03	0

### 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)
April	415	409	426	400	420	384	432	396	426	400
May	418	403	425	393	422	377	427	392	424	403
June	420	400	430	403	413	383	423	387	419	401

## 3. INTER-REGIONAL EXCHANGES(PHYSICAL) in MU

Month	Bhadravati BTB		Gazuwaka BTB		Talcher-Kolar Bipole	
	Import	Export	Import	Export	Import	Export
April	4.4	123.54	146.46	-	877.68	-
May	20.51	97.77	229.89	-	698.08	-
June	119.49	68.93	139.19	-	692.78	-

## 4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
April	APTRANSCO	905.28	707.99	-197.30
	KPTCL	910.82	1024.73	113.91
	KSEB	594.13	611.79	17.66
	TNEB	1430.76	1482.46	51.70
	PONDY	160.64	131.01	-29.63
	GOA	44.78	38.78	-6.00
May	APTRANSCO	843.00	898.76	55.77
	KPTCL	893.56	1033.15	139.59
	KSEB	572.41	508.36	-64.06
	TNEB	1450.56	1437.65	-12.90
	PONDY	159.03	139.96	-19.07
	GOA	44.89	36.88	-8.01
June	APTRANSCO	817.63	797.14	-20.48
	KPTCL	821.12	926.17	105.06
	KSEB	440.49	429.99	-10.49
	TNEB	1302.08	1422.87	120.79
	PONDY	144.73	144.90	0.17
	GOA	45.69	30.89	-14.80