

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

**QUARTERLY REPORT**

**YEAR:2008-09/Quarter 3**

**Oct 08 to Dec 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 (%)
Oct-08	Andhrapradesh	9374	9522	148	1.56
	Karnataka	5267	5652	385	6.80
	Kerala	2457	2503	46	1.85
	Tamilnadu	8736	10072	1336	13.27
	Pondicherry	202	275	73	26.52
	S.Region	24981	25974	993	3.82
Nov-08	Andhrapradesh	8958	10076	1118	11.10
	Karnataka	5079	5210	131	2.51
	Kerala	2377	2689	312	11.59
	Tamilnadu	7980	9012	1032	11.45
	Pondicherry	198	272	74	27.15
	S.Region	23441	26166	2725	10.41
Dec-08	Andhrapradesh	8482	9721	1239	12.74
	Karnataka	5755	6468	713	11.02
	Kerala	2547	2960	413	13.96
	Tamilnadu	2987	4260	1273	29.89
	Pondicherry	214	244	30	12.11
	S.Region	24376	28047	3671	13.09

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

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Oct-08	Andhrapradesh	188.70	201.91	11.73	6.25
	Karnataka	102.04	109.29	5.16	3.97
	Kerala	40.80	45.78	1.71	3.87
	Tamilnadu	156.44	181.68	5.84	3.41
	Pondicherry	4.38	5.52	0.15	3.20
	S.Region	492.35	544.18	24.60	4.57
Nov-08	Andhrapradesh	172.10	184.47	9.42	5.04
	Karnataka	101.23	109.44	7.27	5.42
	Kerala	41.63	44.92	2.02	4.38
	Tamilnadu	157.31	173.72	9.26	4.96
	Pondicherry	4.00	5.20	0.18	3.53
	S.Region	476.26	517.75	28.15	5.04
Dec-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
Oct-08	0.00	5.88	85.19	8.93	0	0.00
Nov-08	0.00	5.71	79.75	14.51	0.03	0.00
Dec-08	0.00	1.53	71.22	26.96	0.29	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)
Oct-08	419	397	420	393	424	389	424	388	419	402
Nov-08	420	405	419	393	423	389	429	396	426	402
Dec-08	418	399	416	389	417	385	425	393	422	402

## 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	
Oct-08	93.66	100.14	336.94	-	1018.52	-	100.14
Nov-08	73.97	71.75	505.35	-	1214.95	-	71.75
Dec-08	367.32	0.04	336.94	-	1018.52	-	

## 4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Oct-08	APTRANSCO	1199.67	1364.25	164.58
	KPTCL	551.46	722.36	170.90
	KSEB	405.19	432.68	27.49
	TNEB	1262.50	1283.50	21.00
	PONDY	134.25	135.72	1.47
	GOA	40.02	35.06	-4.96
Nov-08	APTRANSCO	1244.13	1289.71	45.58
	KPTCL	466.88	641.56	174.68
	KSEB	445.35	460.15	14.80
	TNEB	1186.56	1359.74	173.18
	PONDY	121.24	120.02	-1.22
	GOA	44.30	29.74	-14.56
Dec-08	APTRANSCO	1508.70	1626.30	117.61
	KPTCL	739.85	921.08	181.24
	KSEB	593.51	609.71	16.20
	TNEB	1289.41	1348.70	59.29
	PONDY	136.03	126.10	-9.93
	GOA	62.05	58.99	-3.06

## 5.SUMMARY REPORT

### i)IMPORTANT EVENTS

#### a)COMMISSIONING OF NEW GENERATING UNITS

SL.NO.	STATE/ISGS	STATION NAME	CAPACITY (MW)	TYPE	DATE

#### b)COMMISSIONING OF NEW TRANSMISSION LINES

SL.NO.	CONSTITUENT	LINE NAME	CKT NO	KV	DATE

#### c)COMMISSIONING OF NEW SUBSTATIONS

SL.NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE
1	APTRANSCO	KONDAMALAPALLI		AUGUMENTED TO 2 X 100 MVA FROM 1 X 100 MVA	29.10.08

#### d) Major problem/constraints affecting Grid operation including major Grid disturbances

NIL

#### i) Grid Separations

NIL

#### ii) Grid Disturbances

NIL