

POWER SYSTEM OPERATION CORPORATION LIMITED

S.R.L.D.C, BANGALORE

QUARTERLY REPORT

Date:

18 जुलाई 2011

For Period:

अप्रैल 11 to जून 11

YEAR:2011-12/Quarter 1

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-11	Andhrapradesh	11579	12500	921	7.37
	Karnataka	7498	8279	781	9.43
	Kerala	3032	3184	152	4.76
	Tamilnadu	10811	11646	835	7.17
	Pondicherry	305	312	7	2.14
S.Region	32292	34629	2337	6.75	
May-11	Andhrapradesh	10474	10626	152	1.43
	Karnataka	7509	8058	549	6.81
	Kerala	3113	3117	4	0.14
	Tamilnadu	10549	11327	778	6.87
	Pondicherry	318	321	3	0.90
	S.Region	30806	32418	1612	4.97
Jun-11	Andhrapradesh	10108	10093	0	0.00
	Karnataka	6828	7368	540	7.33
	Kerala	2874	2874	0	0.00
	Tamilnadu	10856	11701	845	7.22
	Pondicherry	305	305	0	0.12
	S.Region	30152	32607	2455	7.53

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Apr-11	Andhrapradesh	7215	7702	487.33	6.33
	Karnataka	4485	4862	376.67	7.75
	Kerala	1573	1607	34.46	2.14
	Tamilnadu	6519	7144	624.49	8.74
	Pondicherry	176	179	2.66	1.49
	S.Region	19968	21494	1525.61	7.10
May-11	Andhrapradesh	6984	7050	66.12	0.94
	Karnataka	4438	4813	374.88	7.79
	Kerala	1699	1729	30.50	1.76
	Tamilnadu	7018	7532	513.22	6.81
	Pondicherry	191	192	1.22	0.63
	S.Region	20330	21316	985.93	4.63
Jun-11	Andhrapradesh	6483	6581	98.27	1.49
	Karnataka	3835	4183	347.42	8.31
	Kerala	1445	1474	29.70	2.01
	Tamilnadu	6887	7309	421.73	5.77
	Pondicherry	180	181	1.12	0.62
	S.Region	18829	19727	898.23	4.55

2. QUALITY OF SERVICE

a) Frequency Profile (% time)

Month	<48.5Hz	48.5 - 49	49 - 49.2	49.2 - 50.3	>50.3
Apr-11	0.00	0.00	0.30	60.25	29.53
May-11	0.00	0.05	0.30	97.30	2.36
Jun-11	0.00	0.05	0.06	97.91	1.98

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)
Apr-11	418	387	425	385	420	366	419	373	420	399
May-11	420	400	427	392	421	361	419	352	418	393
Jun-11	418	403	426	401	421	371	412	357	418	390

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-11	657.62	0.00	164.41	2.84	1550.39	0.00
May-11	688.16	0.00	42.23	141.36	1459.12	0.00
Jun-11	361.43	5.63	20.72	123.33	1293.23	0.00

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Apr-11	APTRANSCO	1425	1387	-38.05
	KPTCL	747	748	0.46
	KSEB	473	525	51.60
	TNEB	2324	2529	205.20
	PONDY	208	176	-32.05
	GOA	46	45	-0.99
May-11	APTRANSCO	1201	1216	14.89
	KPTCL	928	932	4.11
	KSEB	679	744	65.08
	TNEB	2248	2436	187.54
	PONDY	232	191	-41.06
	GOA	58	61	3.11
Jun-11	APTRANSCO	1184	1209	24.23
	KPTCL	904	937	32.80
	KSEB	640	710	70.09
	TNEB	1834	1951	117.07
	PONDY	223	180	-43.52
	GOA	61	49	-11.40

5. SUMMARY REPORT

i) IMPORTANT EVENTS

a) COMMISSIONING OF NEW GENERATING UNITS

SL.NO.	STATE/ISGS	STATION NAME	CAPACITY (MW)	TYPE	DATE
1	I P P (TAMIL NADU)	TIRUNELVELI & UDUMALPET	77.325	WIND	30-04-2011
2	I P P (TAMIL NADU)	TIRUNELVELI & UDUMALPET	43.450	WIND	31-05-2011
3	ANDHRA PRADESH	KOTHAGUDEM ST VI	500.000	THERMAL	26-06-2011
3	KERALA	POOZHITHODE	4.800	HYDRO	20-06-2011
4	I P P (TAMIL NADU)	TIRUNELVELI & UDUMALPET	59.300	WIND	30-06-2011

b) COMMISSIONING OF NEW TRANSMISSION LINES

SL.NO.	CONSTITUENT	LINE NAME	CKT NO	KV	DATE
1	POWERGRID	MYSORE - HASSAN - 1	400.000	5-Apr	30-06-2011
2	POWERGRID	MYSORE - HASSAN - 2	400.000	5-Apr	30-06-2011
3	TANTRANSCO	OTHAKALMANDAPAM - PALLADAM 230 KV SS	230.000	22-Feb	27-06-2011

c) COMMISSIONING OF NEW SUBSTATIONS

SL.NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE
1	TANTRANSCO	AMUTHAPURAM (Additional Capacity)	230/33	50	20-05-2011

d) COMMISSIONING OF NEW LINE / BUS REACTORS

SL.NO.	CONSTITUENT	STATION NAME	BUS/LINE	CAPACITY (MVAR)	DATE
		N I L			

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

i) Grid Separations NIL

ii) Grid Disturbances NIL

(क. रामकृष्णा)
अपर महाप्रबंधक (प्र.से.)