

POWER SYSTEM OPERATION CORPORATION LIMITED

S.R.L.D.C, BANGALORE

QUARTERLY REPORT

Date:

20 जनवरी 2014

For Period:

अक्टूबर 2013 to दिसम्बर 2013

YEAR:2013-14/Quarter 3

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-13	Andhrapradesh	11914	11914	0	0.00
	Karnataka	7957	8754	797	9.11
	Kerala	3251	3329	78	2.35
	Tamilnadu	12118	12287	169	1.37
	Pondicherry	319	374	55	14.61
	S.Region	33692	35026	1334	3.81
Nov-13	Andhrapradesh	10591	10628	37	0.35
	Karnataka	8167	8961	794	8.86
	Kerala	3296	3474	178	5.13
	Tamilnadu	11017	11095	78	0.70
	Pondicherry	312	312	0	0.00
	S.Region	32687	36228	3541	9.78
Dec-13	Andhrapradesh	11365	11483	118	1.03
	Karnataka	8680	9338	659	7.06
	Kerala	3333	3434	101	2.94
	Tamilnadu	11863	12096	233	1.93
	Pondicherry	307	307	0	-0.14
	S.Region	34436	35491	1055	2.97

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Oct-13	Andhrapradesh	7040	7312	272.17	3.72
	Karnataka	4649	5075	426.94	8.41
	Kerala	1761	1788	27.34	1.53
	Tamilnadu	7584	7797	213.77	2.74
	Pondicherry	185	196	10.50	5.37
	S.Region	21218	22169	950.72	4.29
Nov-13	Andhrapradesh	6834	6869	34.98	0.51
	Karnataka	4853	5298	445.44	8.41
	Kerala	1735	1770	35.14	1.99
	Tamilnadu	6439	7203	764.50	10.61
	Pondicherry	168	168	0.32	0.19
	S.Region	20029	21309	1280.38	6.01
Dec-13	Andhrapradesh	7467	7592	125.68	1.66
	Karnataka	5231	5650	418.84	7.41
	Kerala	1757	1783	25.57	1.43
	Tamilnadu	7282	7692	409.61	5.33
	Pondicherry	173	173	0.13	0.08
	S.Region	21910	22890	979.84	4.28

2. QUALITY OF SERVICE

a) Frequency Profile (% time)

Month	<48.5Hz	48.5 - 49	49 - 49.7	49.7 - 50.2	>50.2
Oct-13	0.00	0.00	3.50	90.30	6.19
Nov-13	0.00	0.00	1.57	90.35	8.08
Dec-13	0.00	0.00	1.34	86.71	11.95

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-13	423	403	432	406	418	383	419	390	415	392
Nov-13	421	406	433	409	420	371	422	391	416	391
Dec-13	421	403	432	405	417	378	422	400	418	395

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-13	380.31	0.00	699.93	0.00	1288.61	0.00
Nov-13	415.23	0.00	662.40	0.00	1422.77	0.00
Dec-13	437.07	0.00	681.23	0.00	1414.95	0.00

