

Bus Information									Line Flow			
Bus no.	Name	Volts (p.u.)	Angle (deg.)	Generation		Load		Bus type	To Bus	Name	Line Flow	
				(MW)	(MVAR)	(MW)	(MVAR)				(MW)	(MVAR)
1	North	1.0600	0.0000	1.2443	-0.0511	0.0000	0.0000	SL	2	Lake	0.3993	0.0148
									4	South	0.8450	-0.0659
2	Lake	1.0239	-4.8836	-0.0000	0.0000	0.4500	0.1500	PQ	1	North	-0.3878	-0.0347
									3	Main	0.1847	-0.0496
									4	South	-0.2469	-0.0657
3	Main	1.0232	-5.2079	0.0000	0.0000	0.4000	0.0500	PQ	2	Lake	-0.1843	0.0297
									4	South	-0.2777	-0.0576
									5	Elm	0.0620	-0.0221
4	South	1.0470	-2.6516	0.4500	-0.0278	0.2000	-0.2000	PV	1	North	-0.8323	0.0375
									2	Lake	0.2505	0.0337
									3	Main	0.2822	0.0282
									5	Elm	0.5496	0.0729
5	Elm	1.0175	-6.0085	-0.0000	-0.0000	0.6000	0.1000	PQ	3	Main	-0.0617	-0.0291
									4	South	-0.5383	-0.0709
Area Totals				1.6943	-0.0789	1.6500	0.1000					