

LIST OF TABLES

4.1	6-bus test system measurement configurations	43
4.2	6-bus test system measurements standard deviation	43
4.3	6-bus test system state estimation solution	43
4.4	6-bus test system iterative results	45
4.5	Convergence comparison and residual of Householder transformation and Givens rotation for the 6-bus test system	46
4.6	IEEE 30-bus test system measurement configurations	50
4.7	IEEE 30-bus test system measurements standard deviation	50
4.8	State estimation solution of power injection for the IEEE 30-bus test system	51
4.9	State estimation solution of power flow for the IEEE 30-bus test system	52
4.10	Iterative results for the IEEE 30-bus test system	54
4.11	Average computation time per iteration for the IEEE 30-bus test system	56
4.12	System information for the 30-bus Sumatera Barat power system	59
4.13	30-bus Sumatera Barat power system measurements standard deviation	59
4.14	State estimation solution of power injection for the 30-bus Sumatera Barat power system	60
4.15	State estimation solution of power flow for the 30-bus Sumatera Barat power system	61
4.16	Iterative result for the 30-bus Sumatera Barat power system	63
4.17	Computation time for the 30-bus Sumatera Barat power system	65