LIST OF TABLES

Table 4.1  Type of Buses 65
Table 5.1  Line Data of 9-Bus System 95
Table 5.2  Load Data of 9-Bus System 96
Table 5.3  Possible Size of Capacitors in $/KVAr 97
Table 5.4  Loss Sensitivity Factor of Various Buses 98
Table 5.5  Simulation Results of 9-Bus System 101
Table 5.6  Comparison of Results of PGSA with PSO 102
Table 5.7  Line Data of 15-Bus System 105
Table 5.8  Load Data of 15-Bus System 106
Table 5.9  Possible Size of Capacitors in $/KVAr 107
Table 5.10 Loss Sensitivity Factor of Various Buses 108
Table 5.11 Simulation Results of 15-Bus System 111
Table 5.12 Results of 15-Bus System and its Comparison 112
Table 5.13 Line Data of 34-Bus System 116
Table 5.14 Load data of 34-Bus System 118
Table 5.15 Possible Size of Capacitors in $/KVAr 120
Table 5.16 Loss Sensitivity Factor of Various Buses 121
Table 5.17 Simulation Results of 34-Bus System 125
Table 5.18 Results of 34-Bus System and its Comparison 126