

Fig. 1 The IEEE 118 bus system, laid out to show aggregate flow shifts for any node-to-node transaction

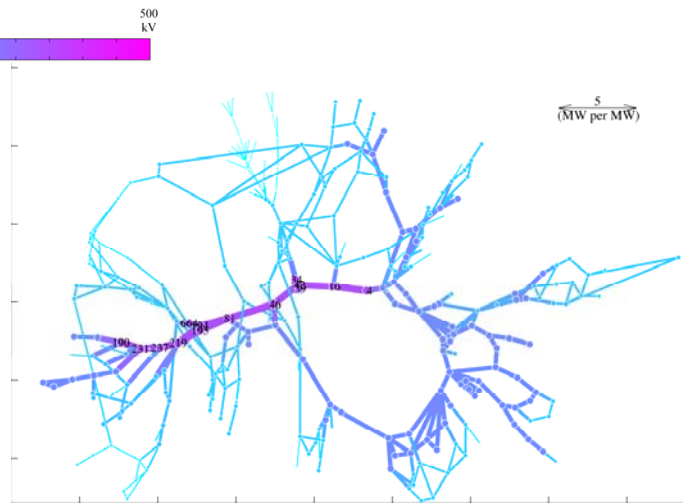


Fig. 2 The IEEE 300 bus system, laid out to show aggregate flow shifts for any node-to-node transaction

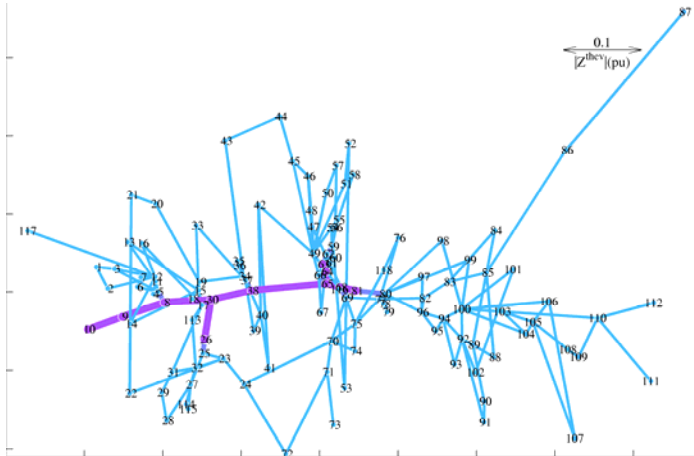


Fig. 3 The IEEE 118 bus system, laid out to show the effective impedance between all node pairs

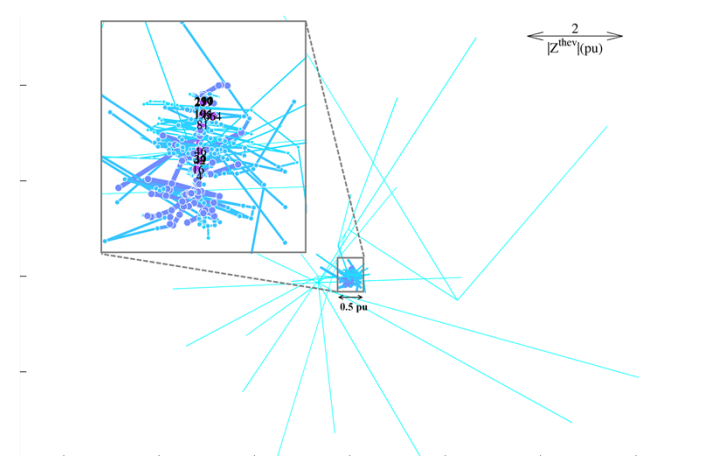


Fig. 4 The IEEE 300 bus system, laid out, with an inset, to show the effective impedance between all node pairs

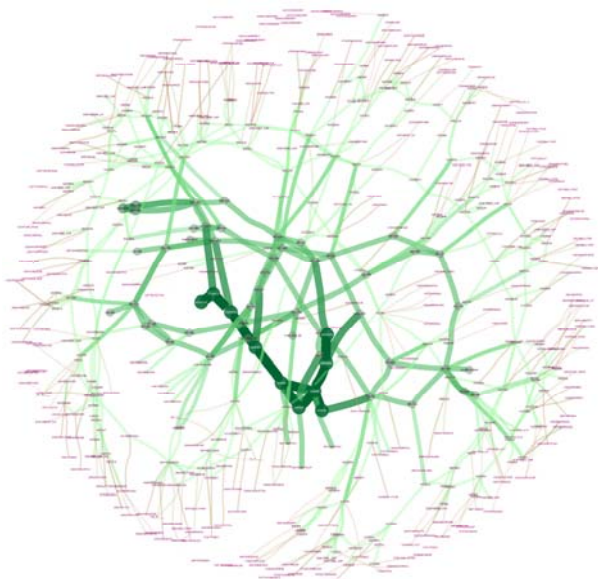


Fig. 5 The Irish transmission system, laid out using a force-directed algorithm to aesthetically reveal its connective structure

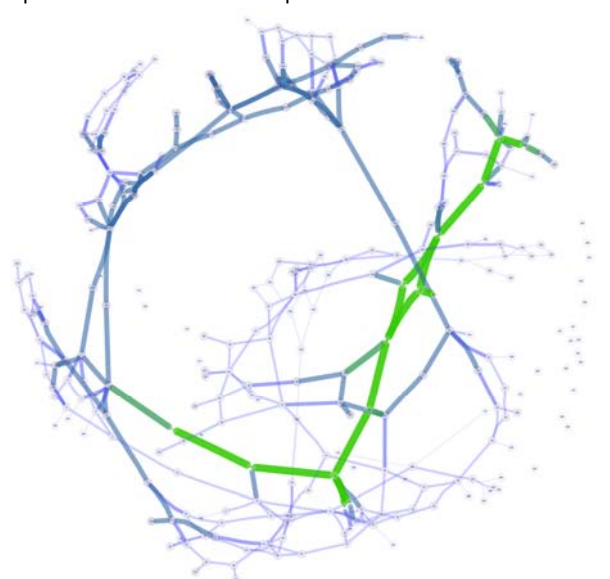


Fig. 6 The IEEE 300 bus system, laid out using a force-directed algorithm to aesthetically reveal its connective structure

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