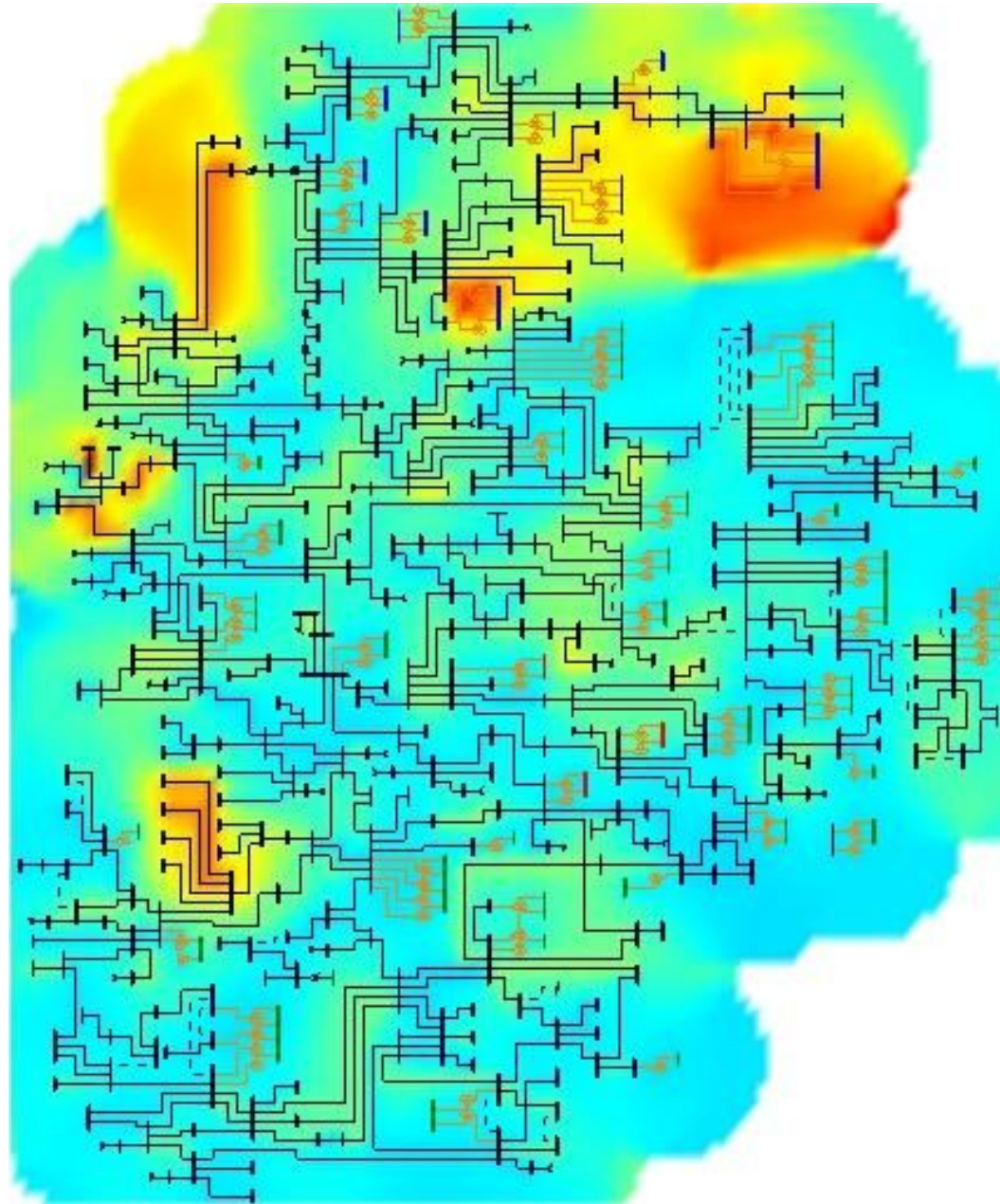


Power Flow Results

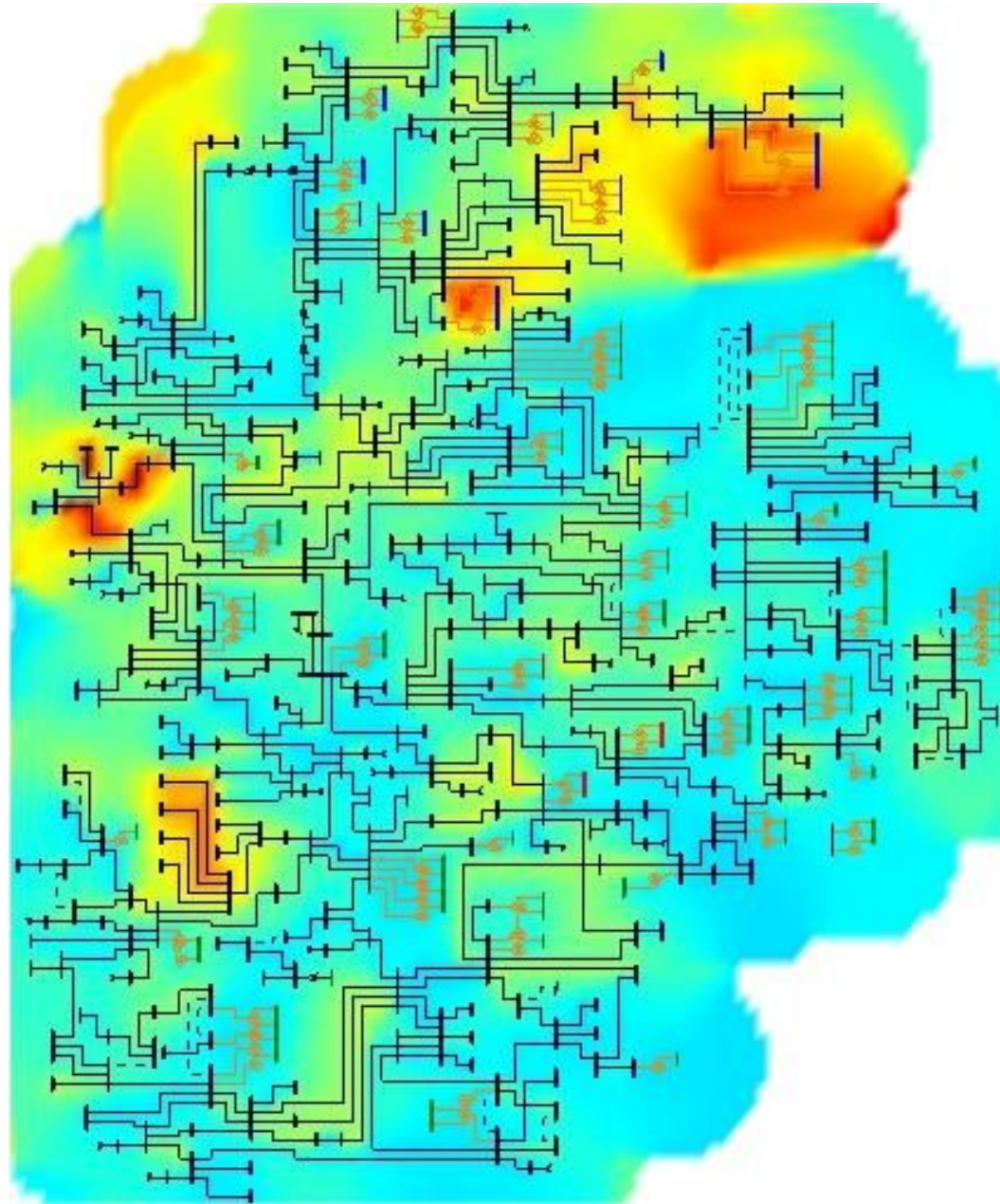
Branch Thermal Ratings

25% Wind



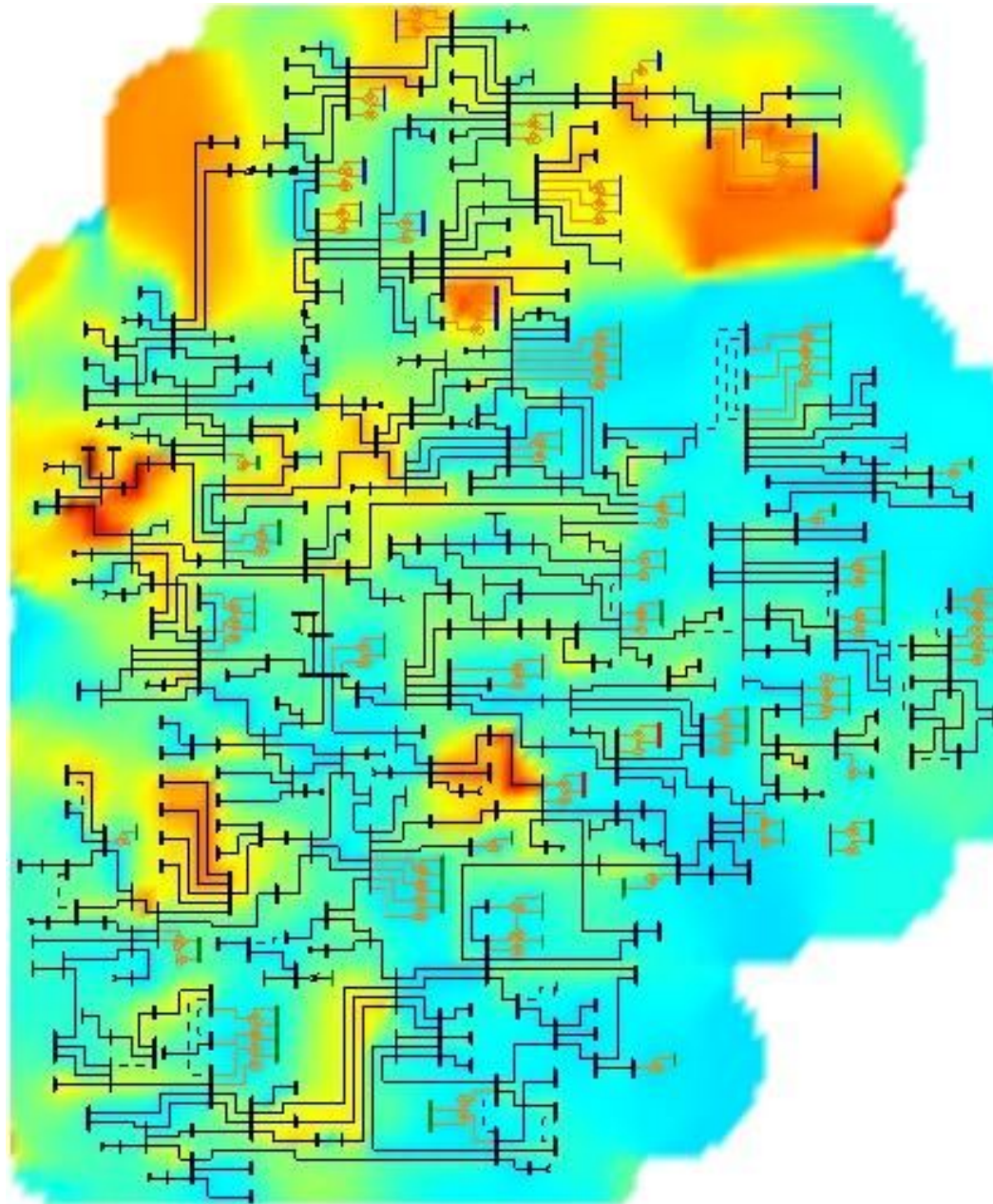
80/20 Dx/Tx Split, 25%-75% no import – 110 KV

50% Wind



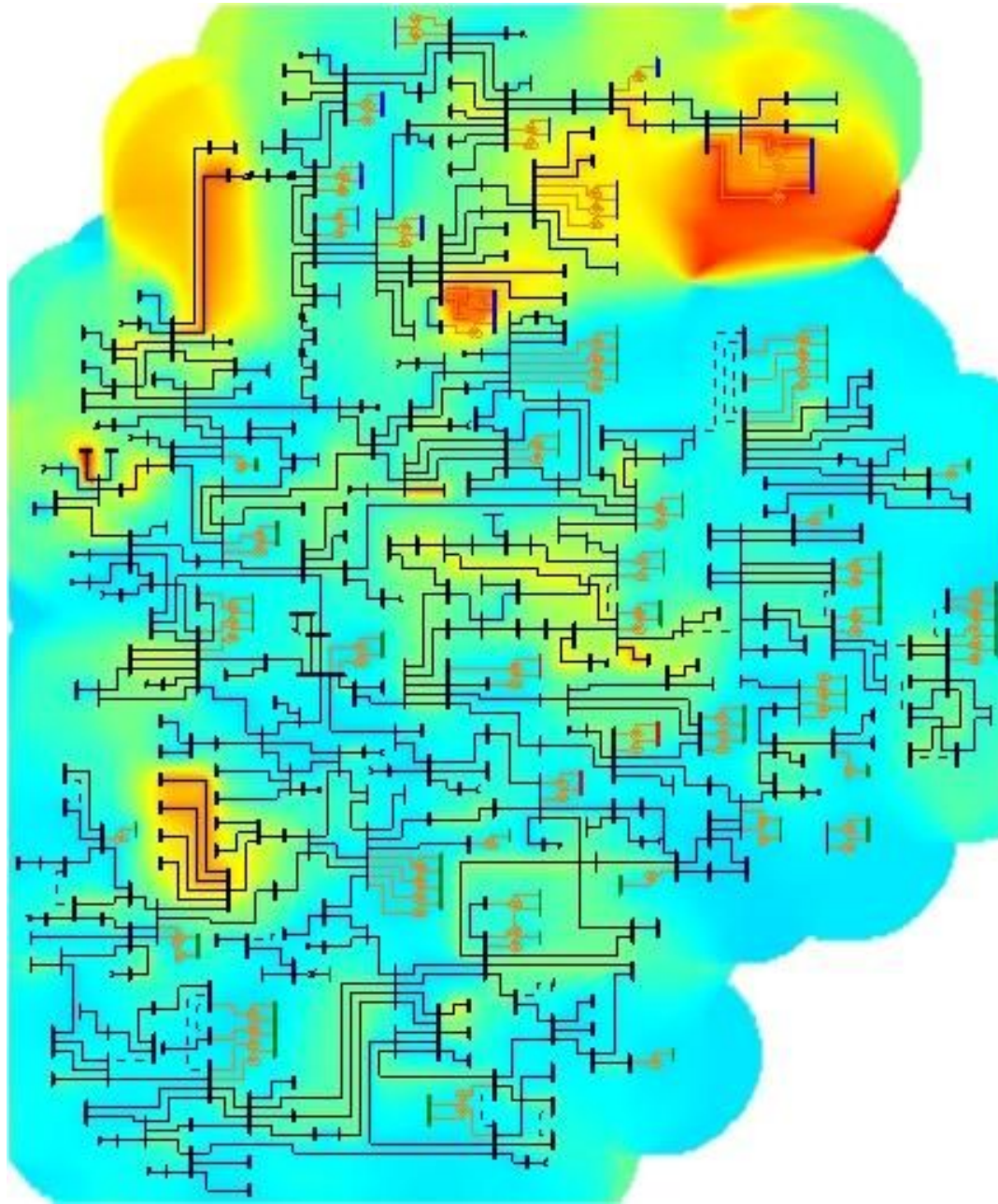
80/20 Dx/Tx Split, 25%-75% no import – 110 KV

75% Wind



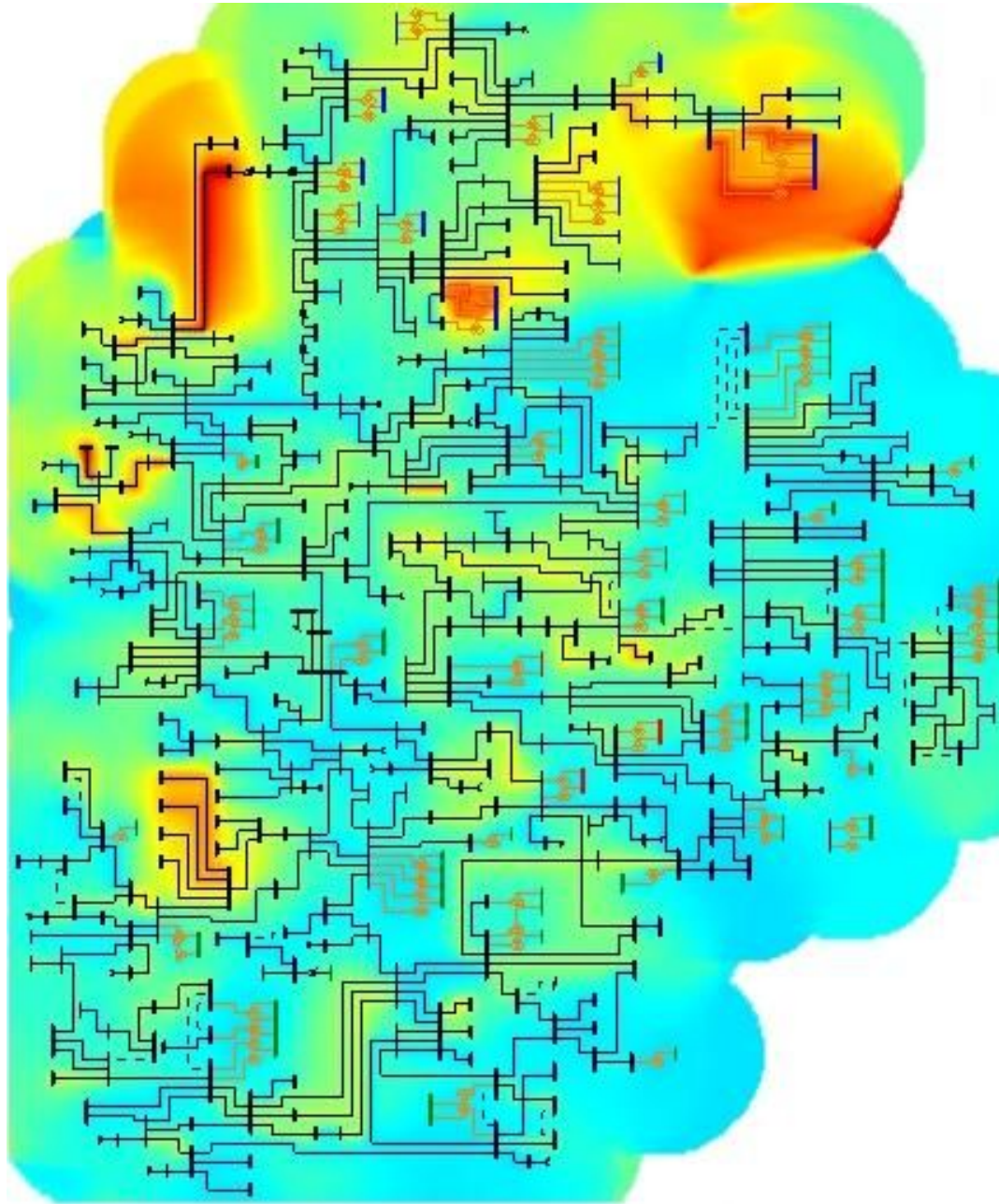
80/20 Dx/Tx Split, 25%-75% no import – 110 KV

25% Wind



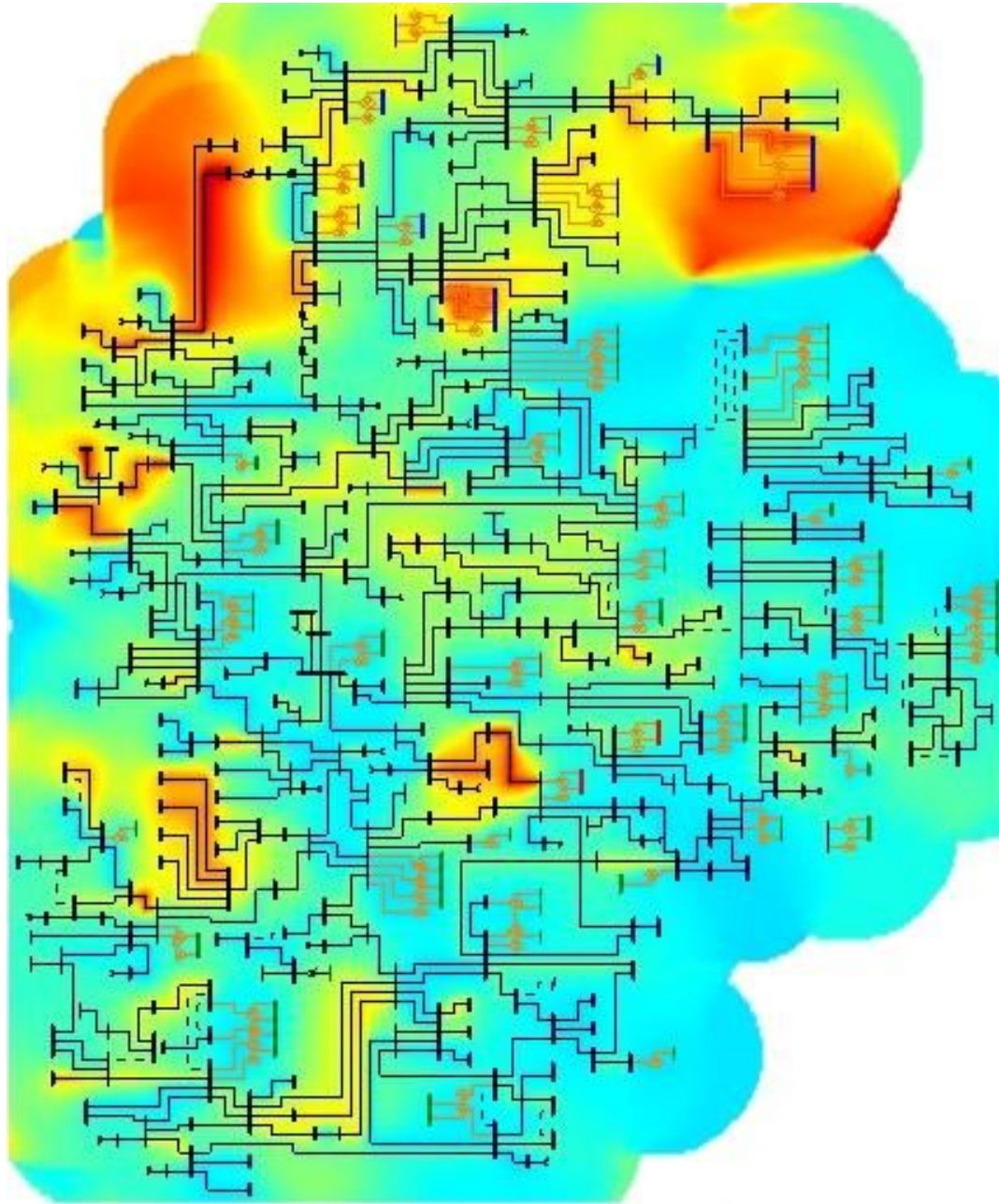
65/35 Dx/Tx Split, 25%-100% no import - 110kV

50% Wind



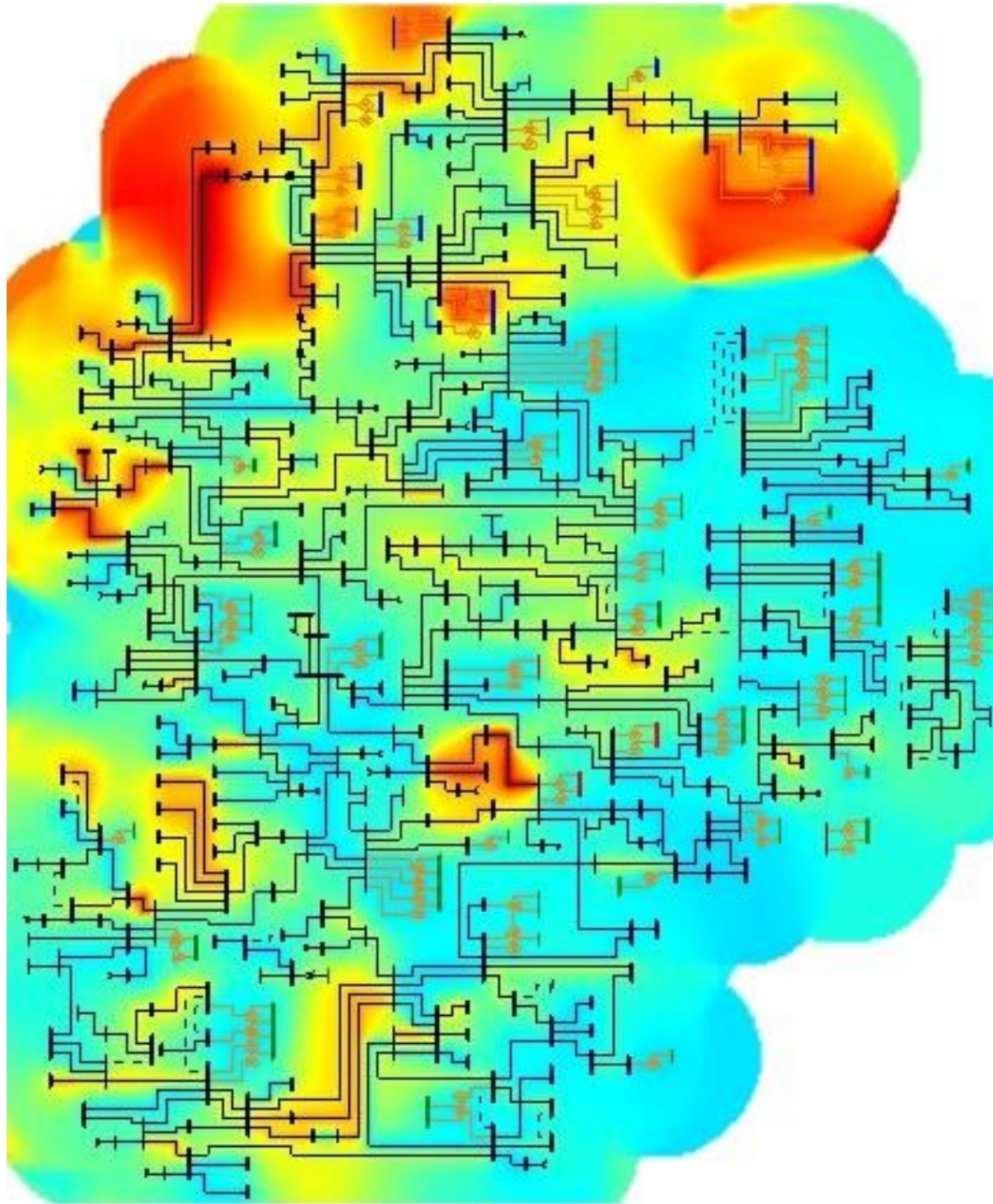
65/35 Dx/Tx Split, 25%-100% no import - 110kV

75% Wind



65/35 Dx/Tx Split, 25%-100% no import - 110kV

100% Wind



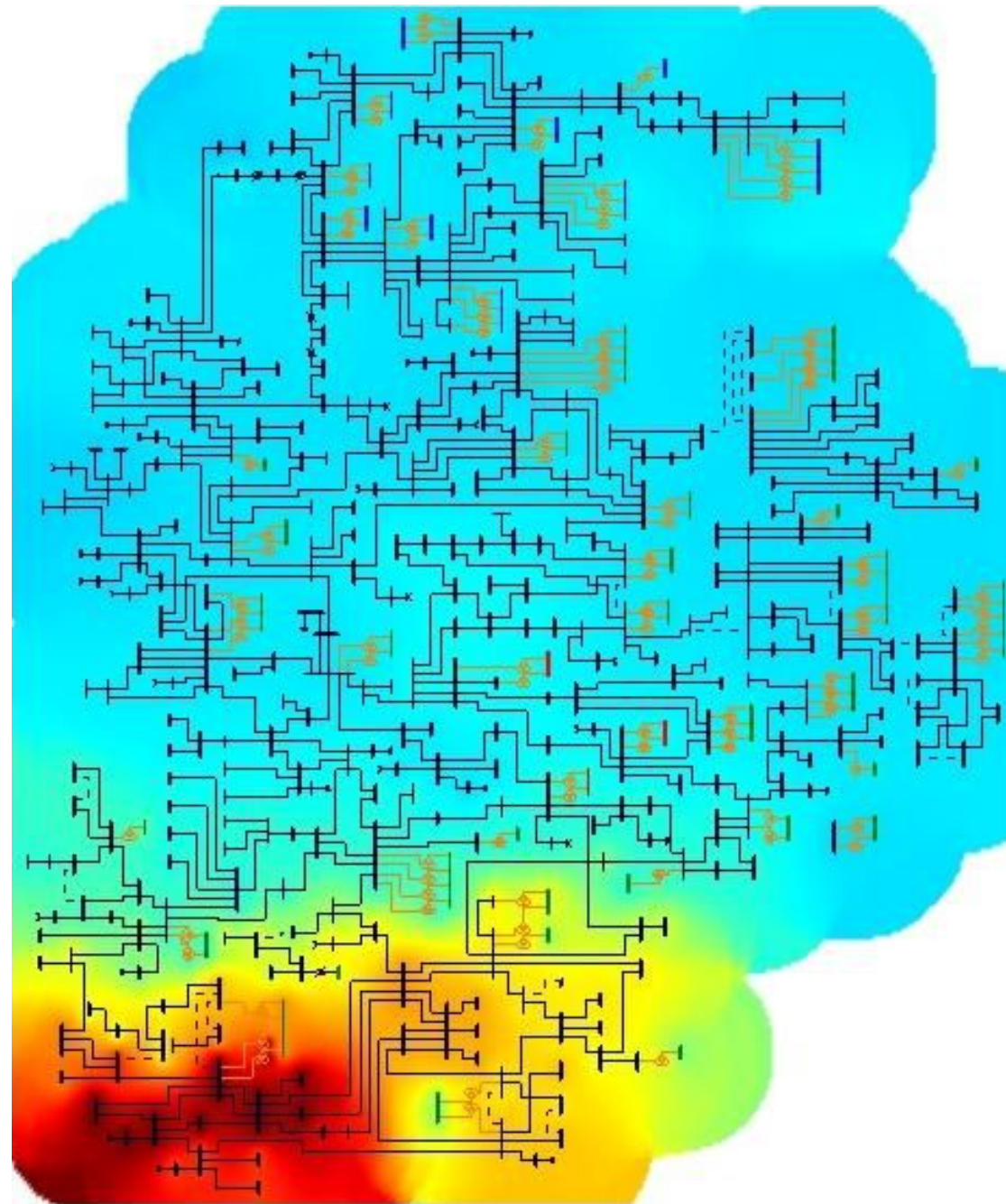
65/35 Dx/Tx Split, 25%-100% no import - 110kV

'Balanced Switching' Results

Bus Voltage Levels

25% Wind

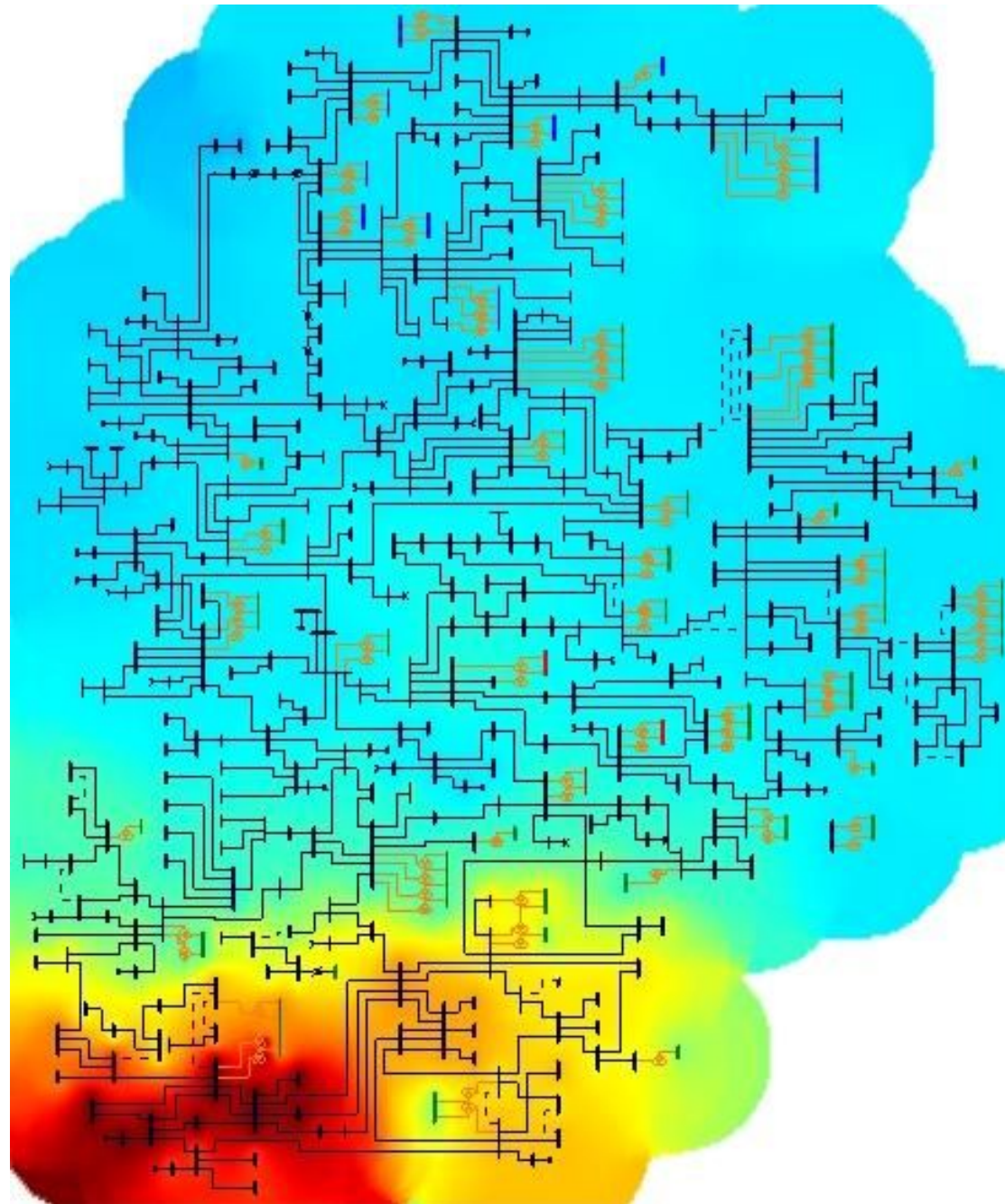
Fault at 1601
(Cashlavoon)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

50% Wind

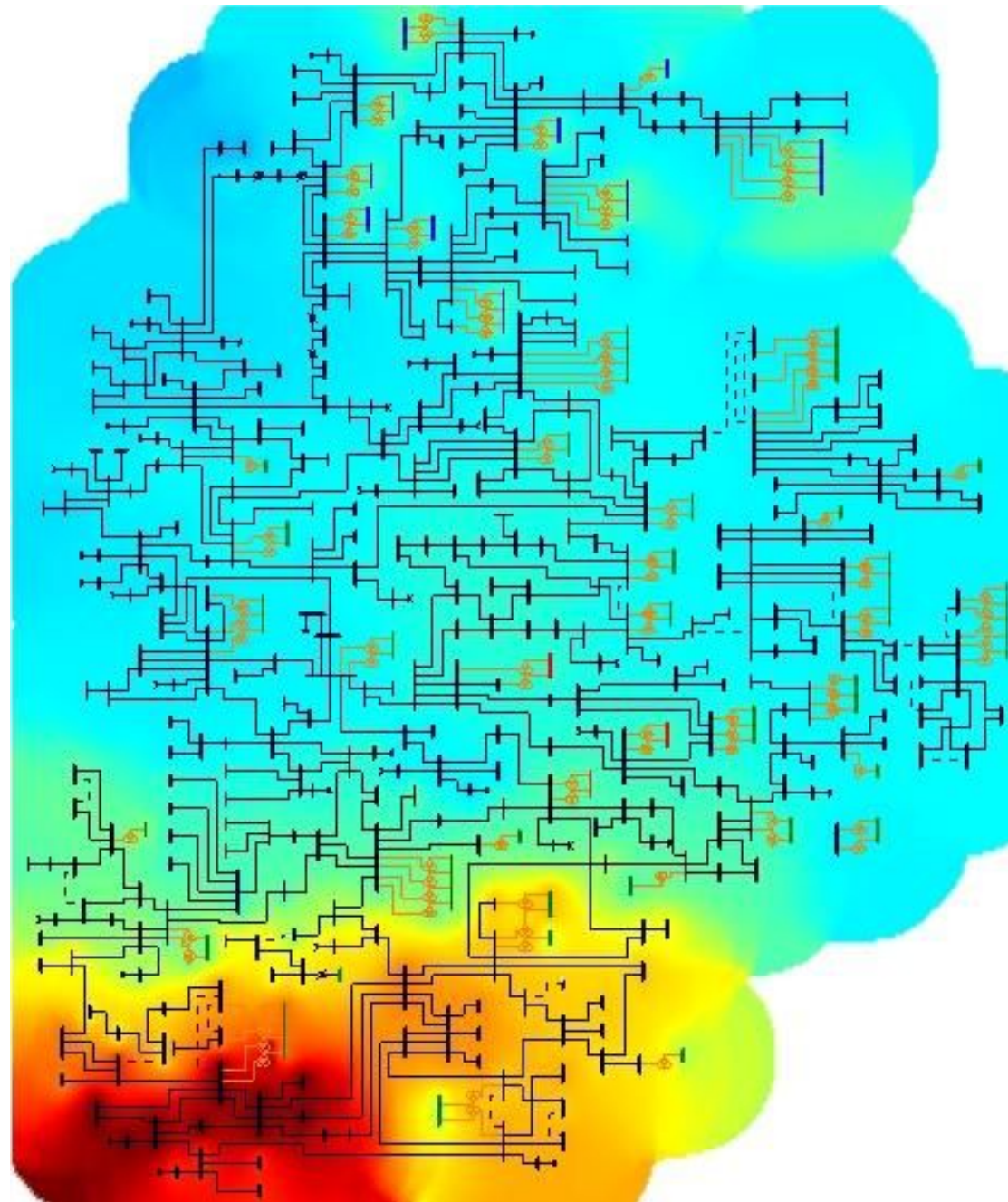
Fault at 1601
(Cashlavoon)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

75% Wind

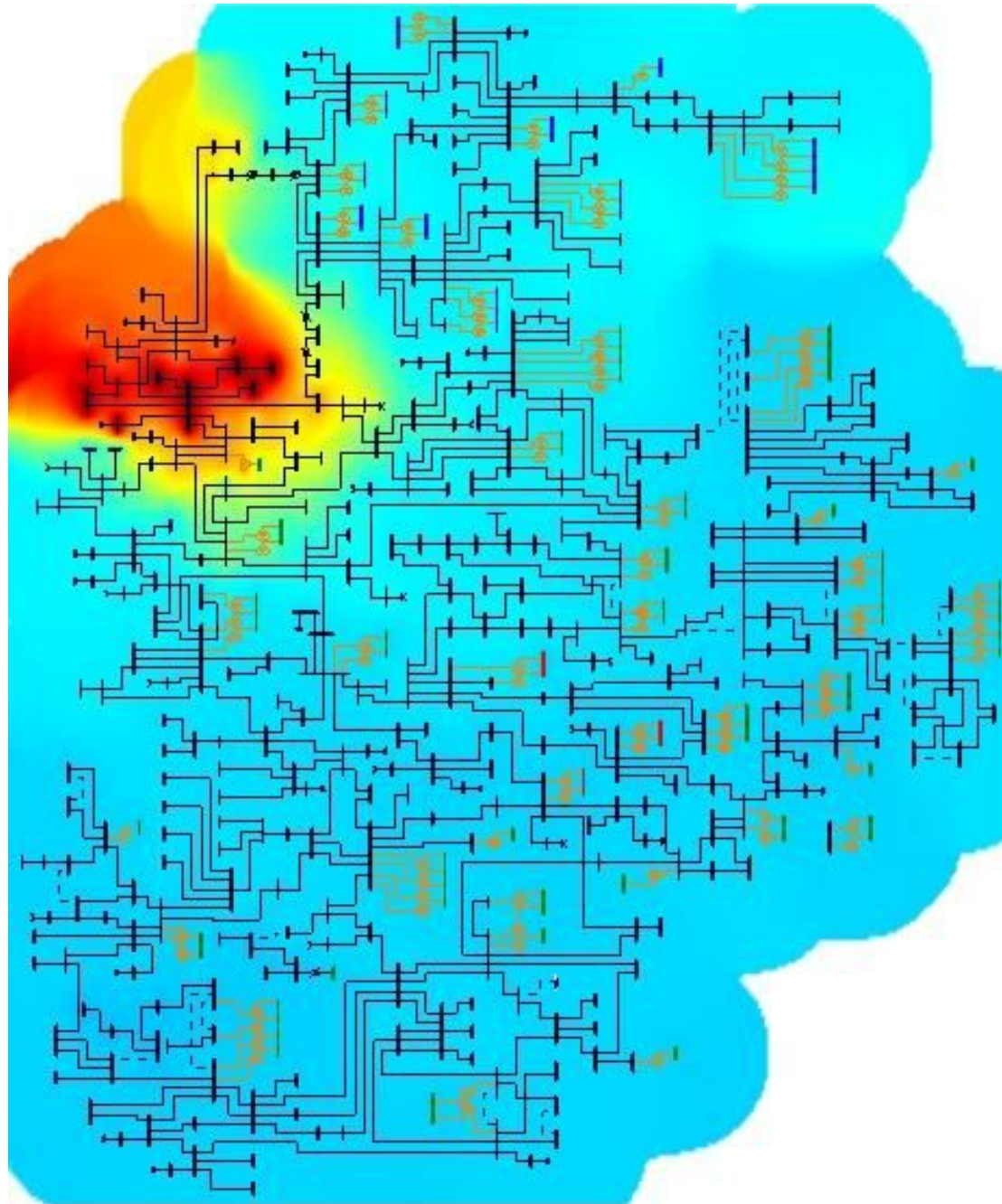
Fault at 1601
(Cashlavoon)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

25% Wind

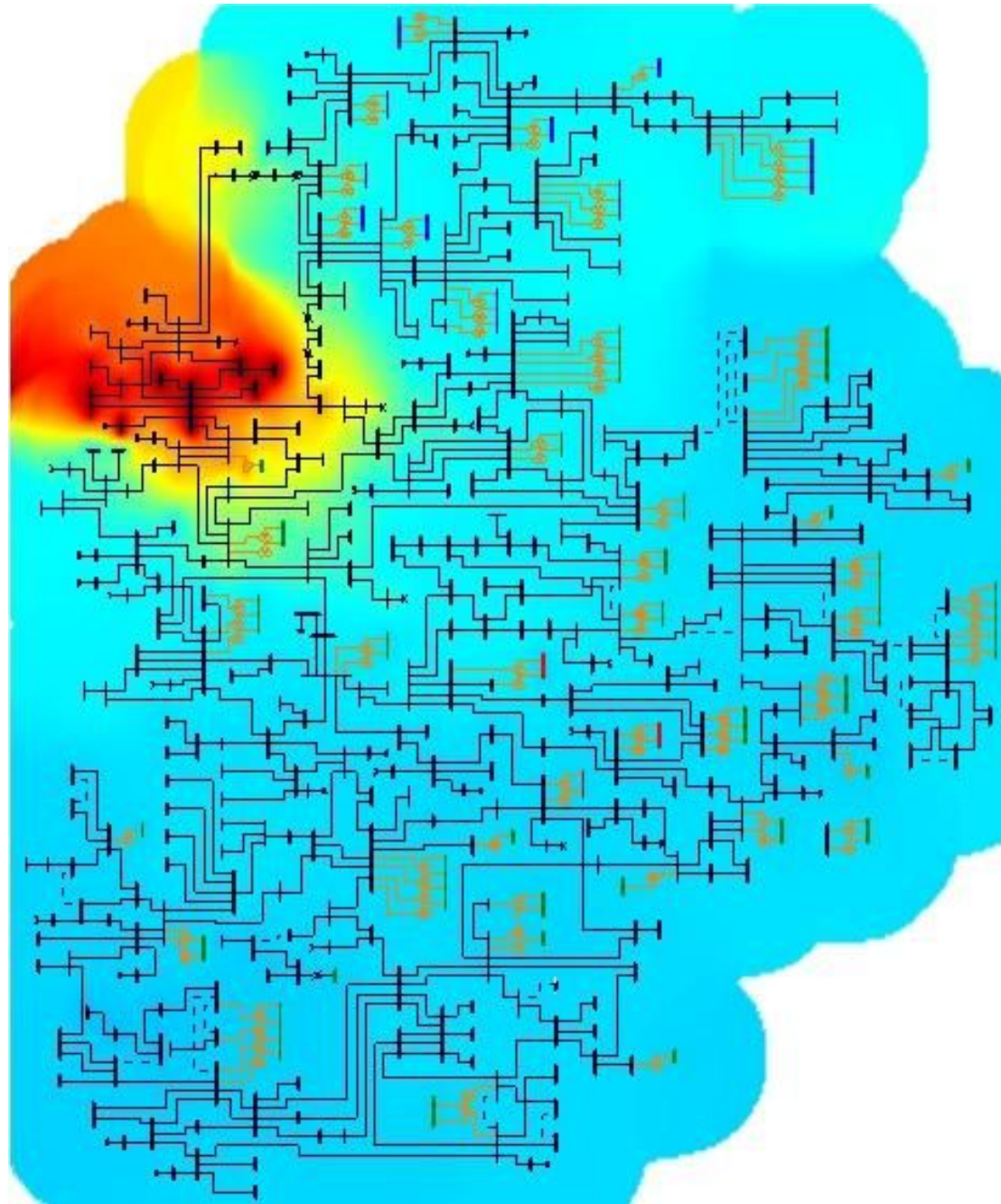
Fault at 1701
(Cathleen Falls)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

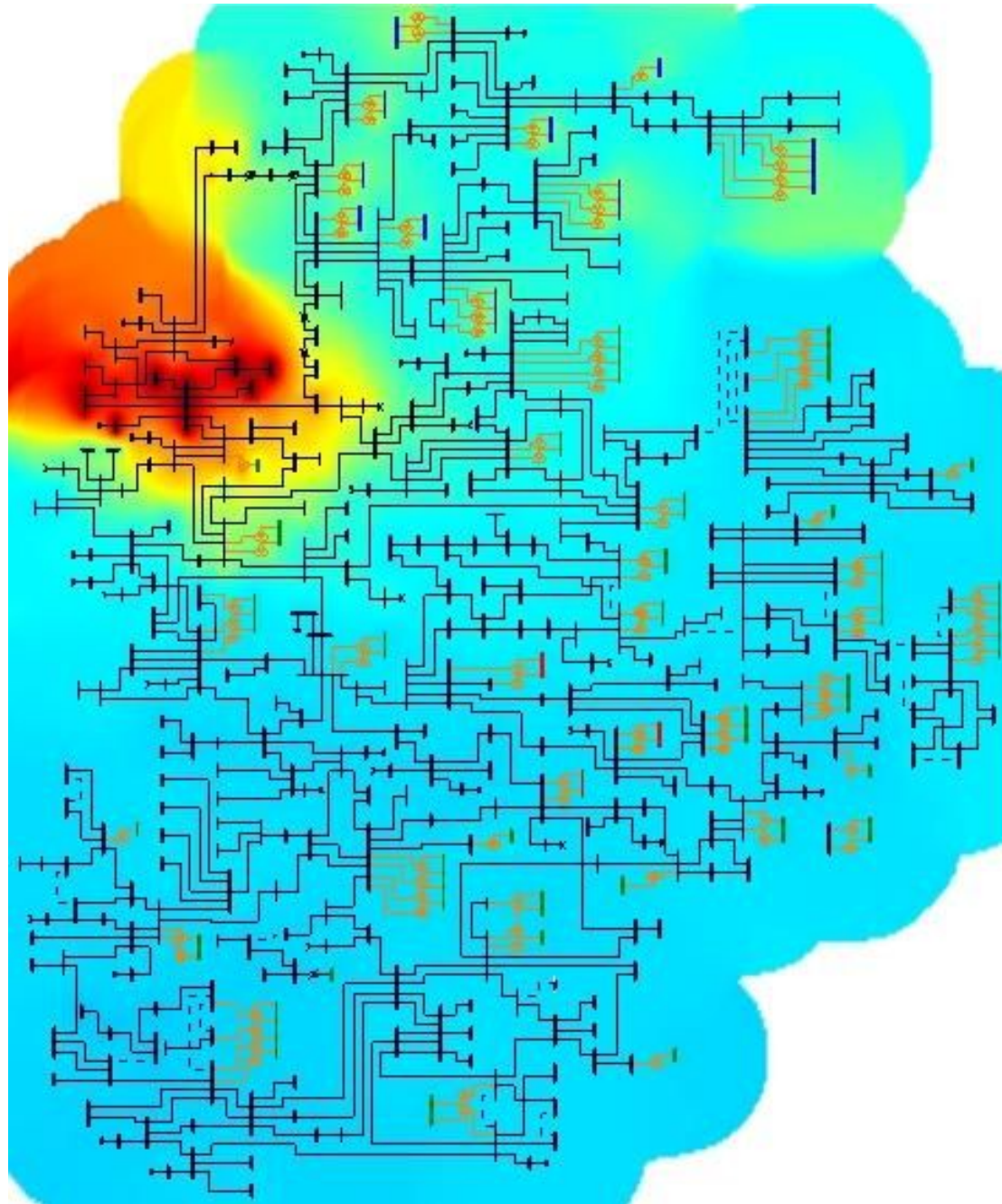
50% Wind

Fault at 1701
(Cathleen Falls)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

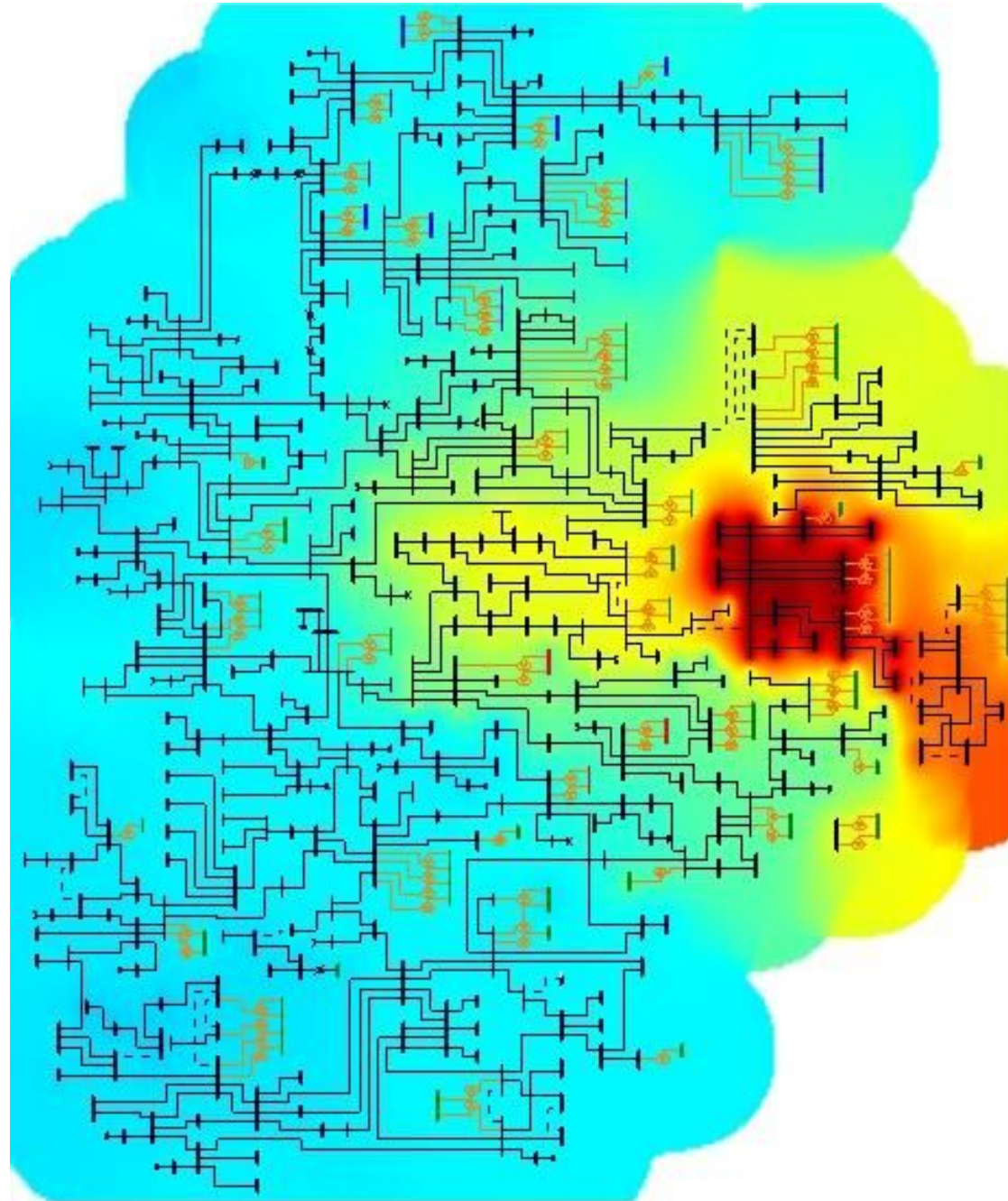
75% Wind
Fault at 1701
(Cathleen Falls)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

25% Wind

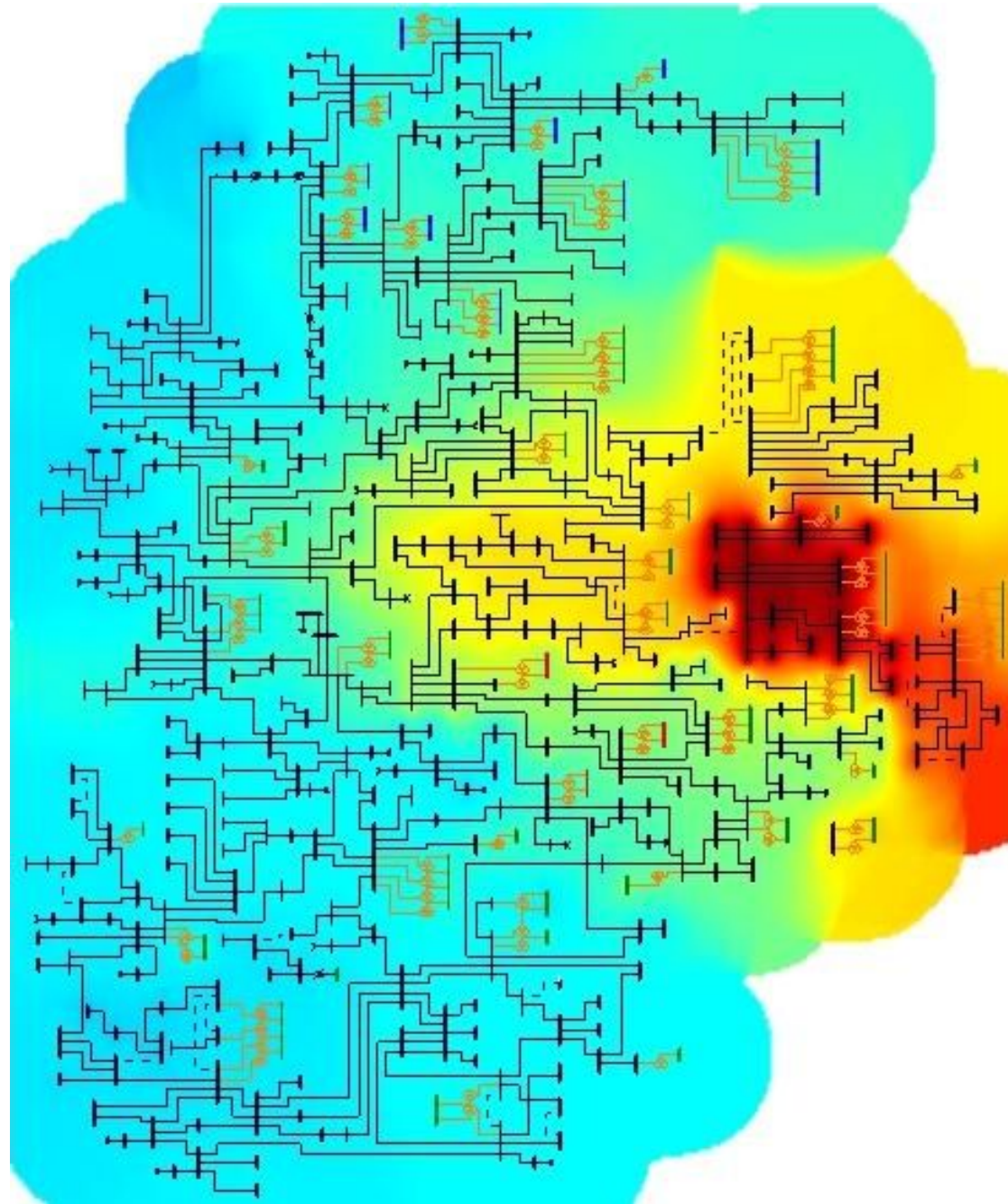
Fault at 2861
(GrangeC)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

50% Wind

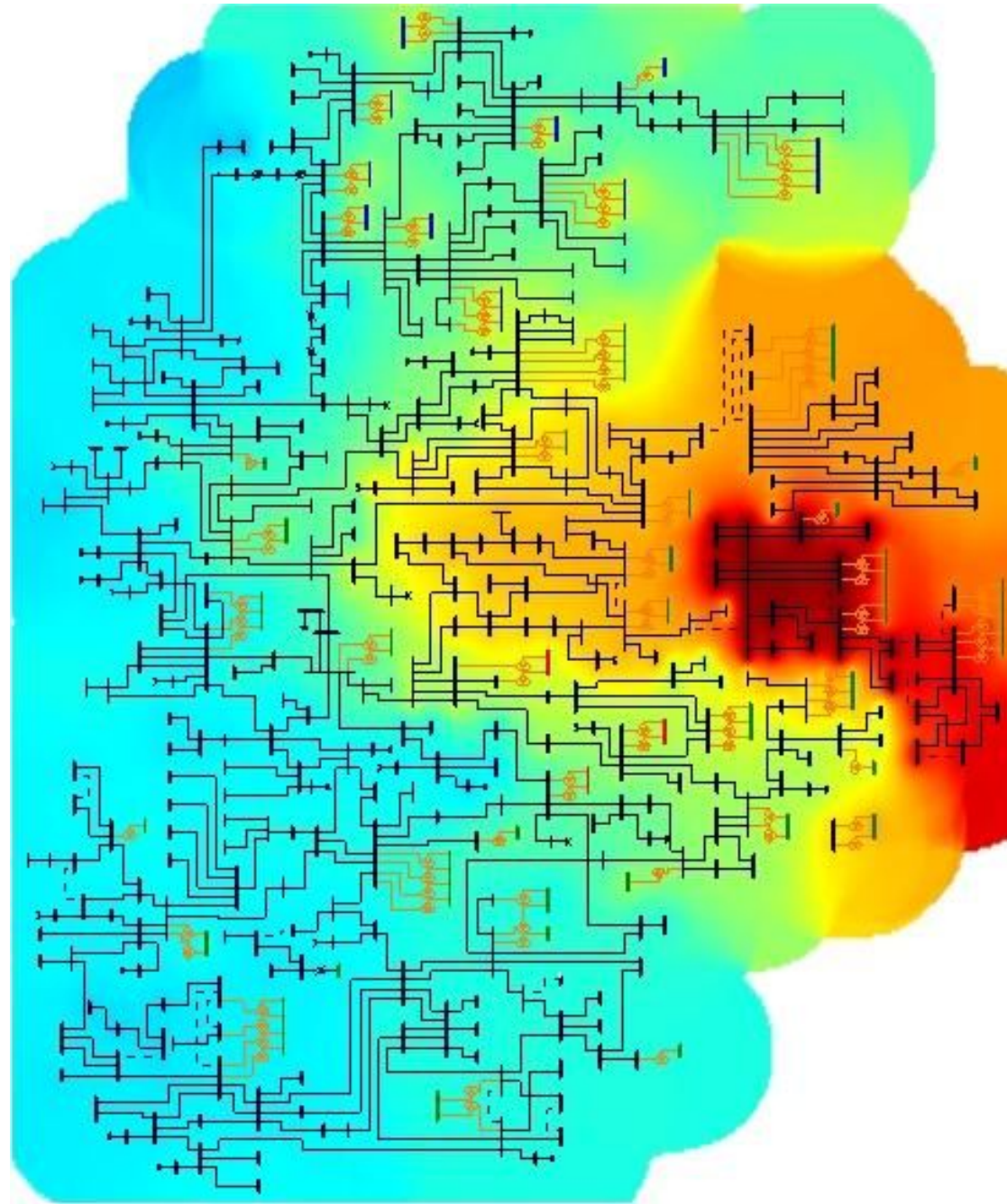
Fault at 2861
(GrangeC)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

75% Wind

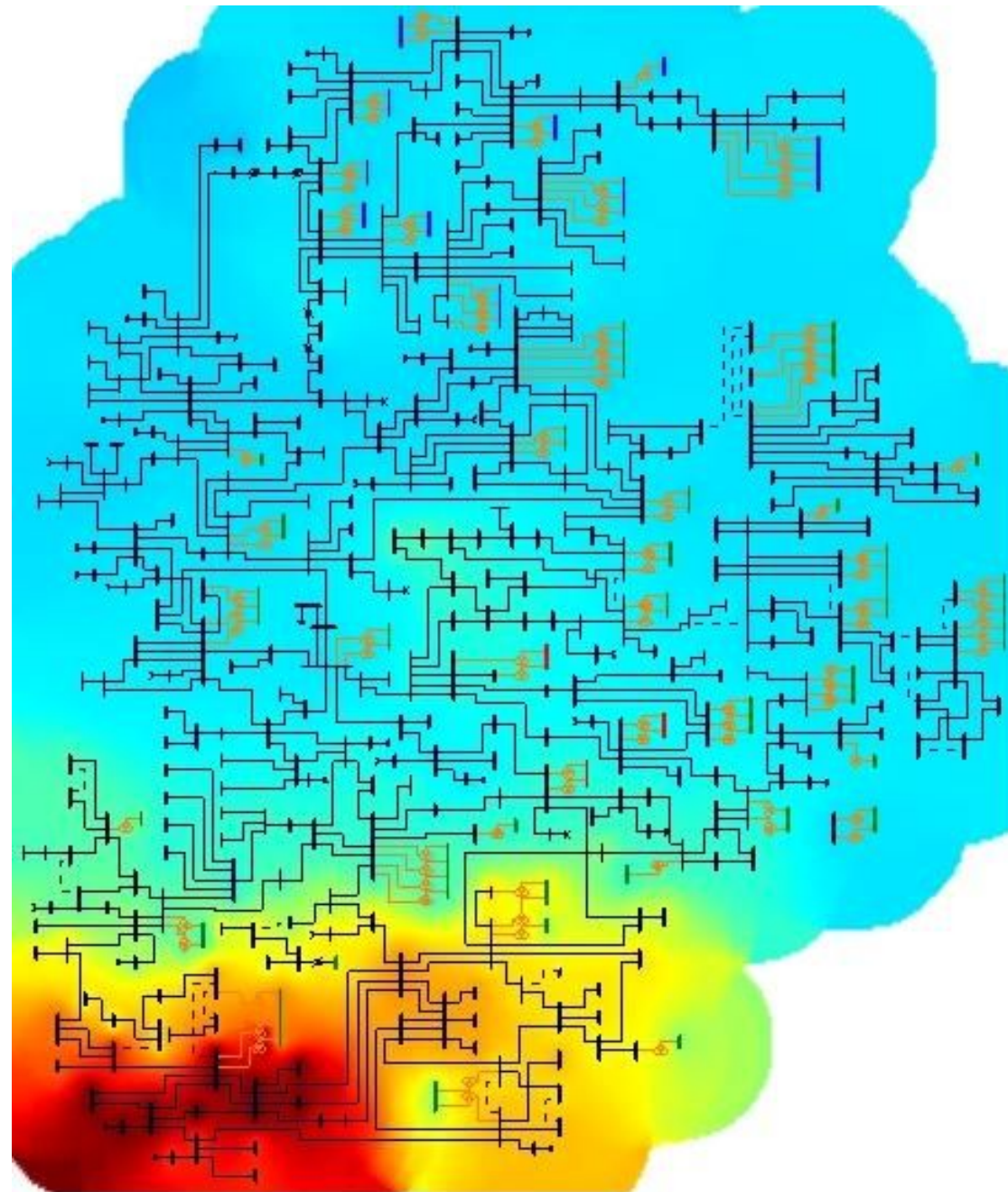
Fault at 2861
(GrangeC)



80/20 Dx/Tx Split, 25%-75%, no import - 110kV

25% Wind

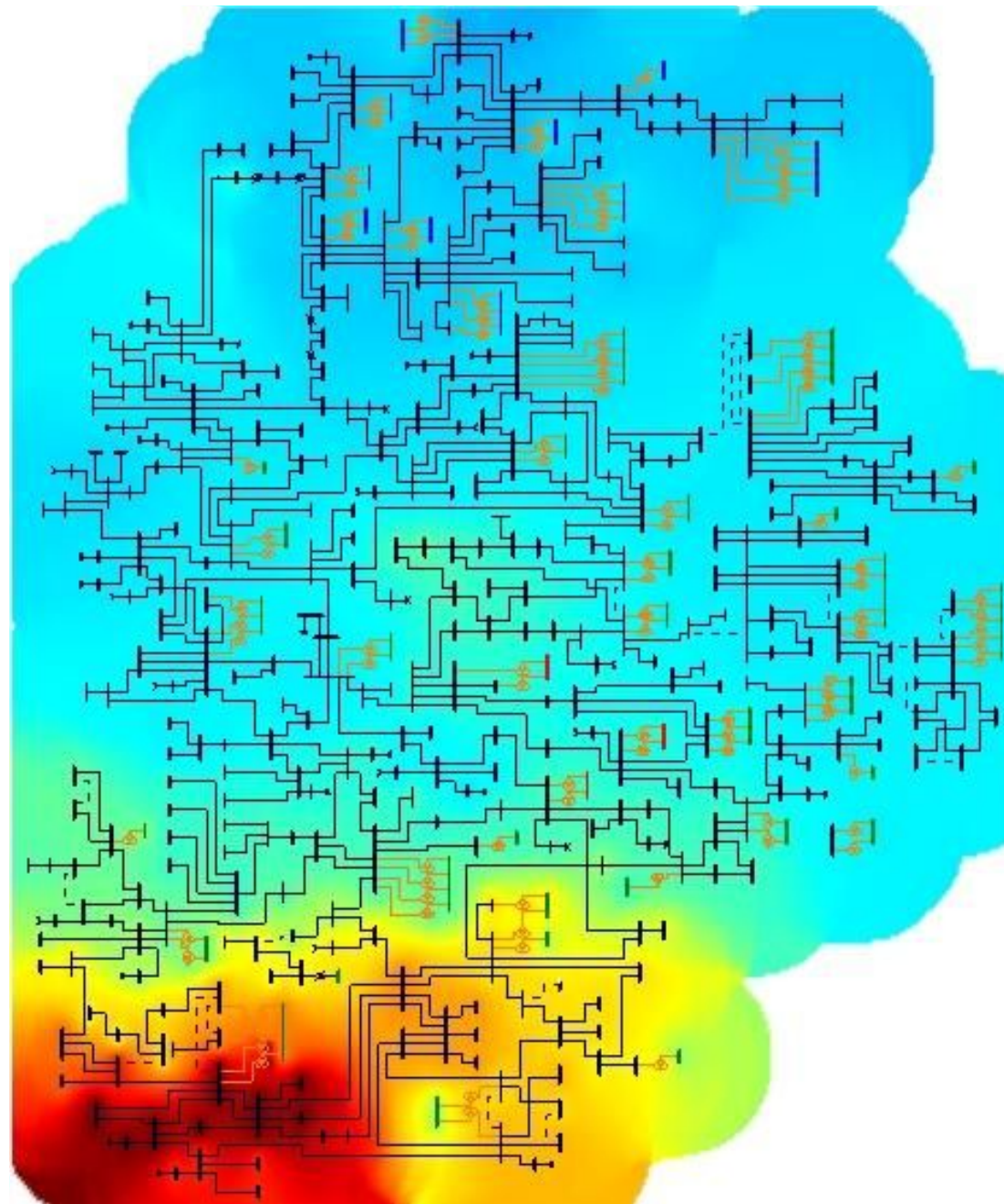
Fault at 1601
(Cashlavoon)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

50% Wind

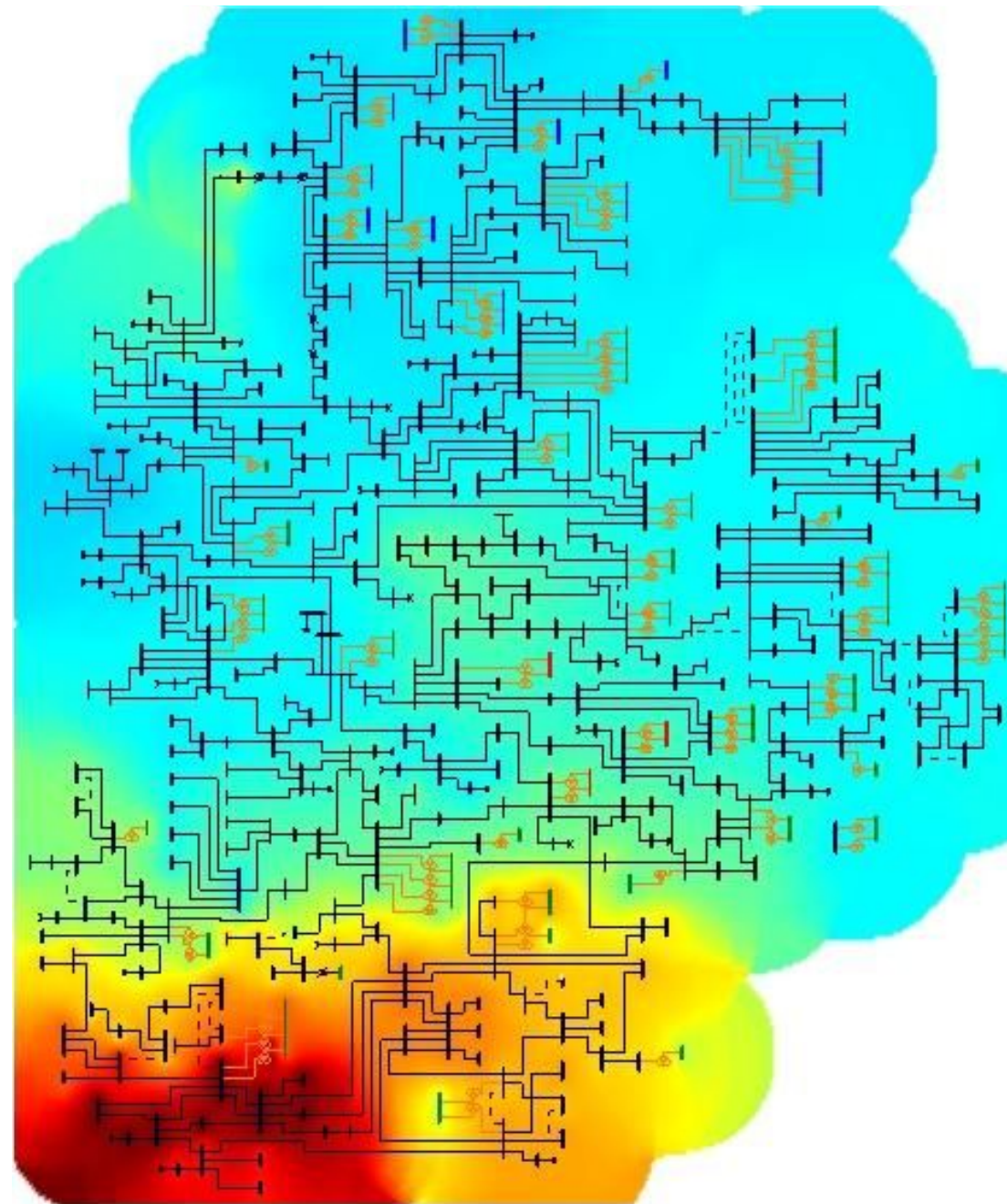
Fault at 1601
(Cashlavoon)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

75% Wind

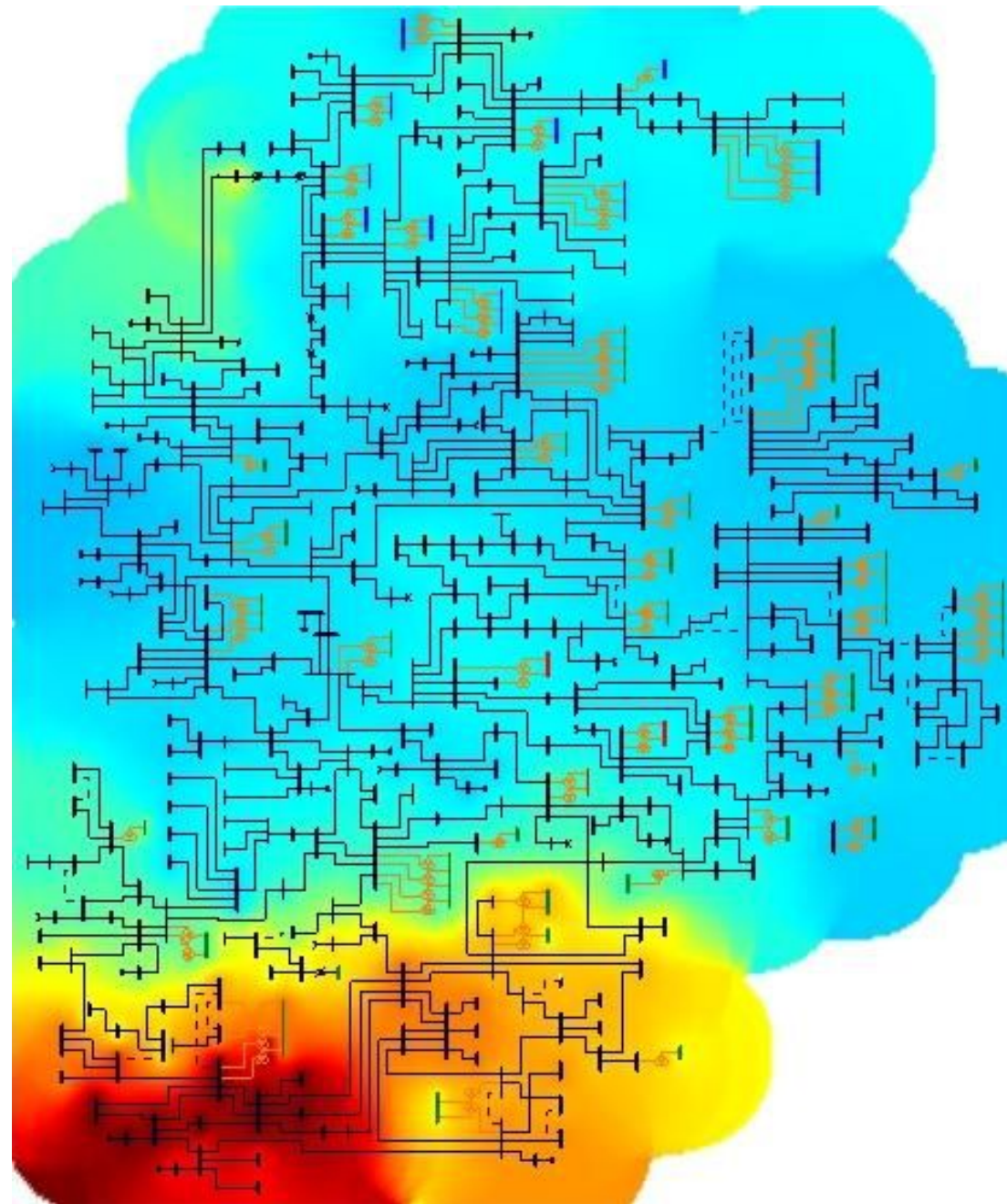
Fault at 1601
(Cashlavoon)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

100% Wind

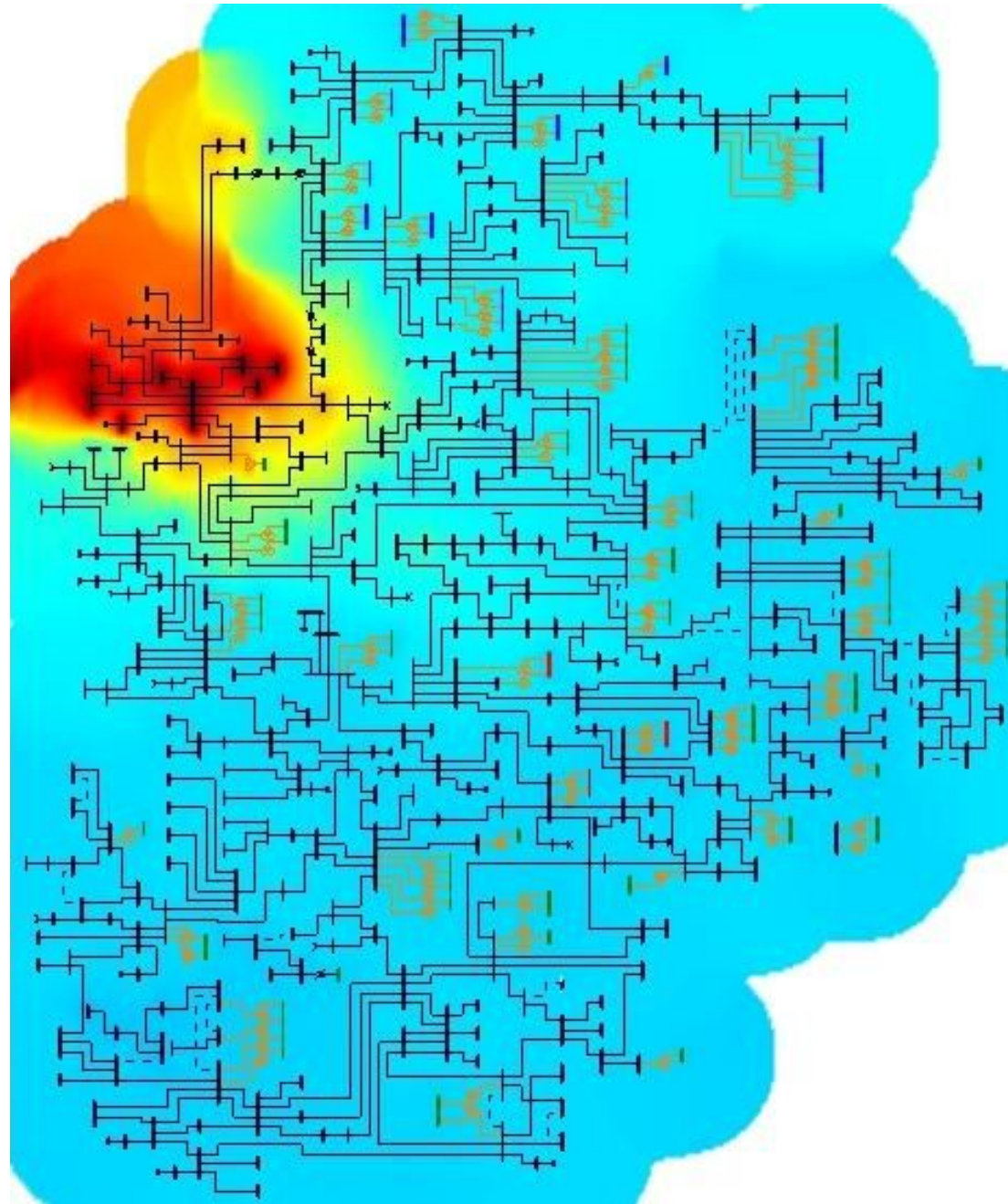
Fault at 1601
(Cashlavoon)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

25% Wind

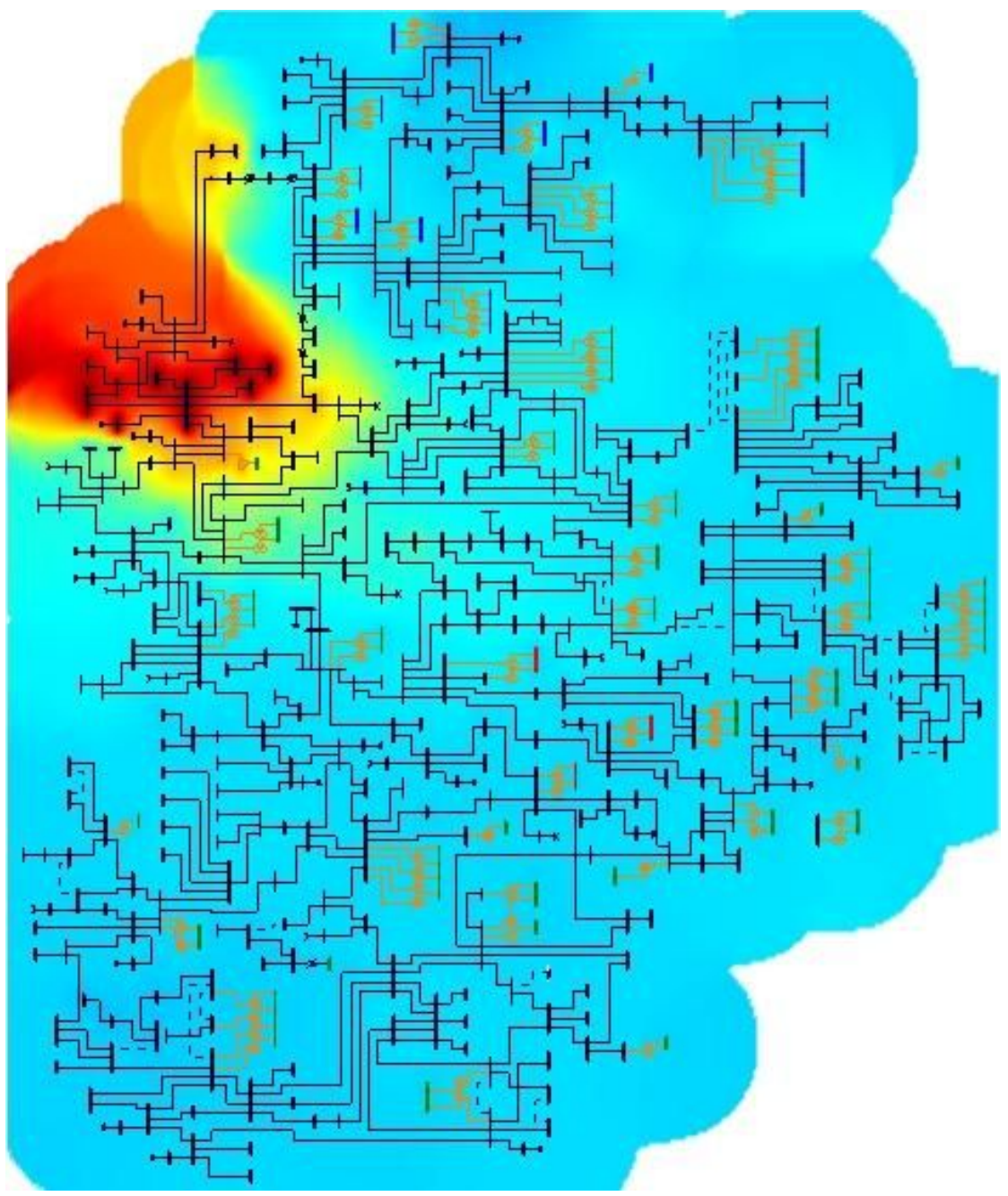
Fault at 1701
(Cathleen Falls)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

50% Wind

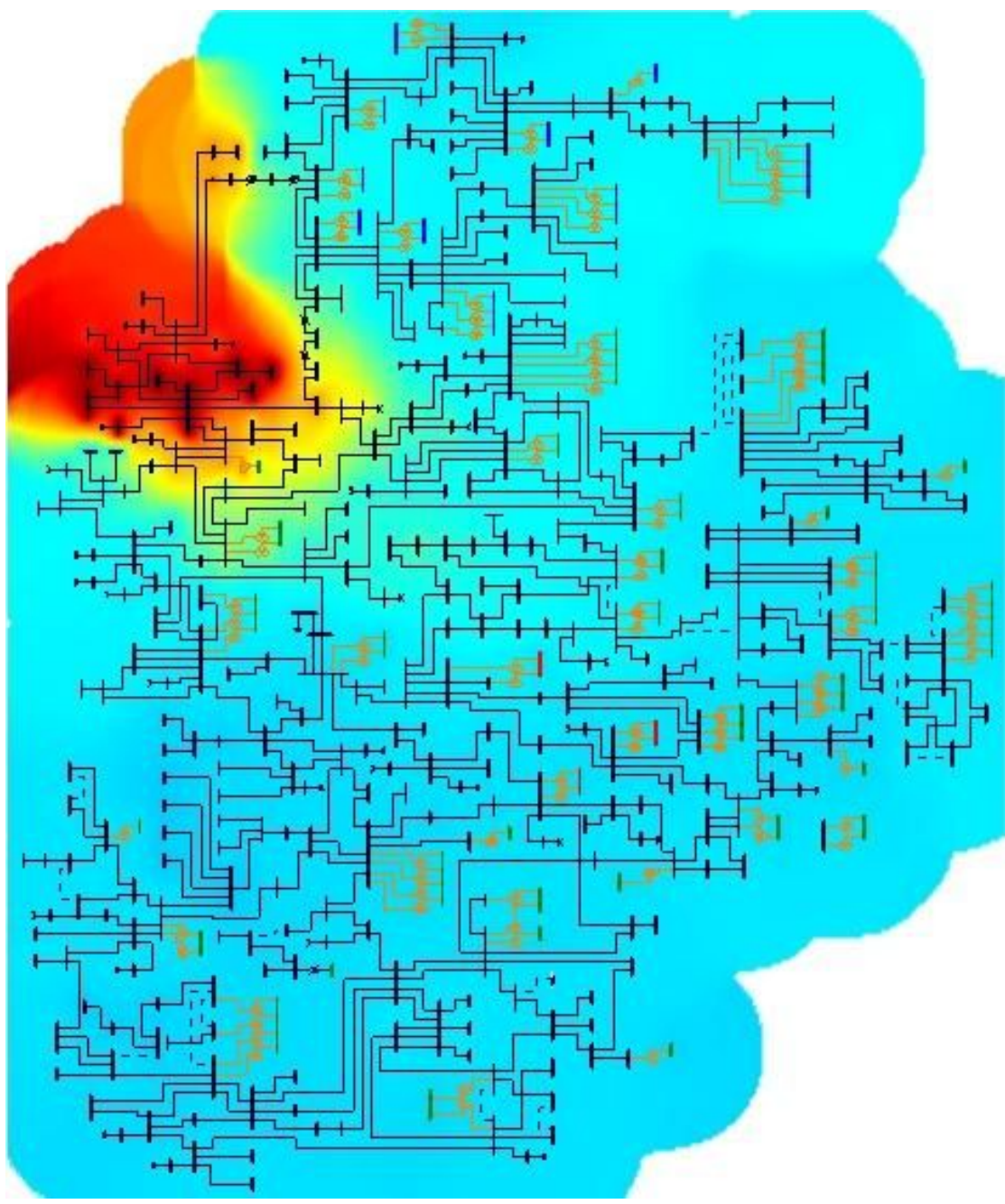
Fault at 1701
(Cathleen Falls)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

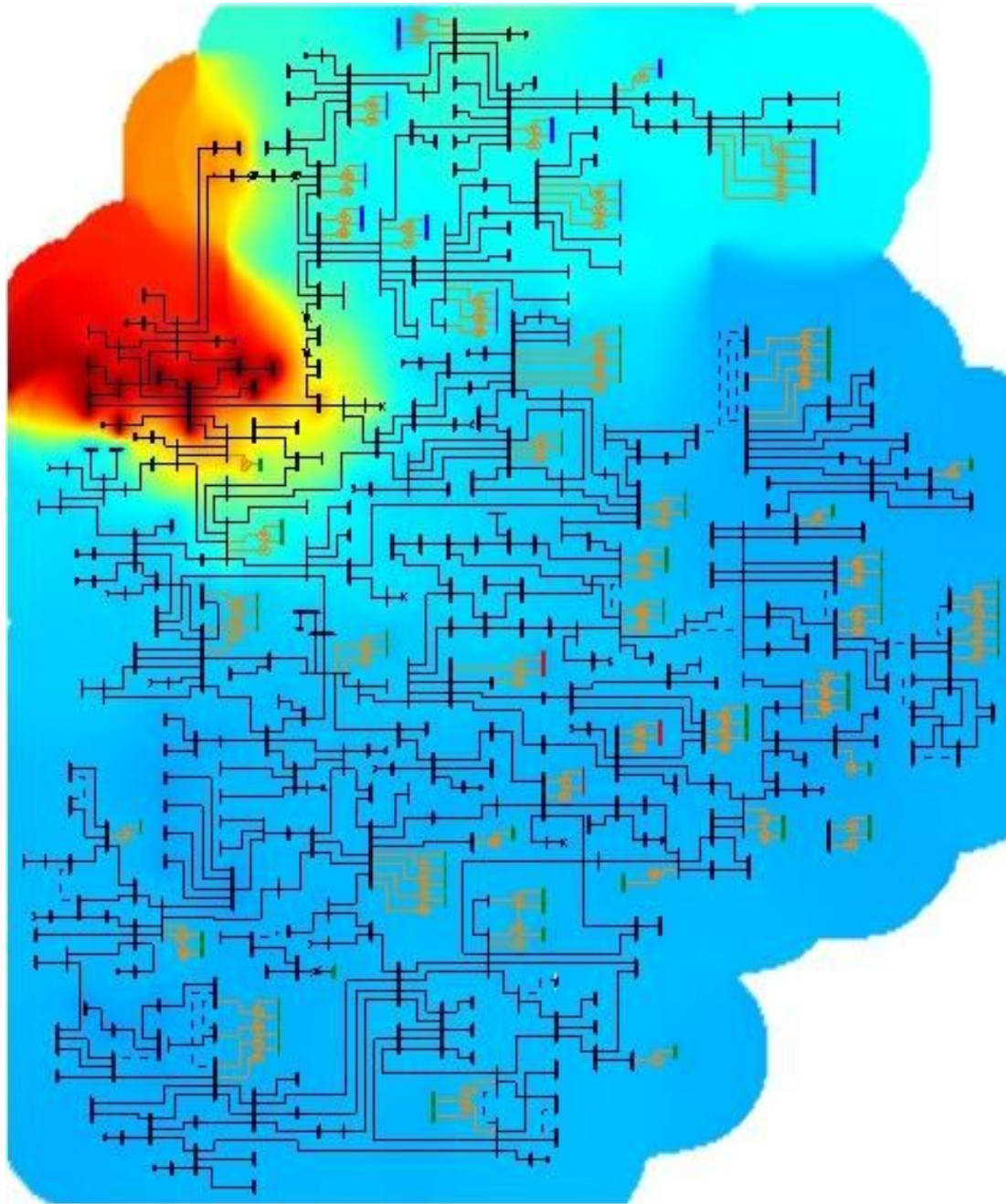
75% Wind

Fault at 1701
(Cathleen Falls)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

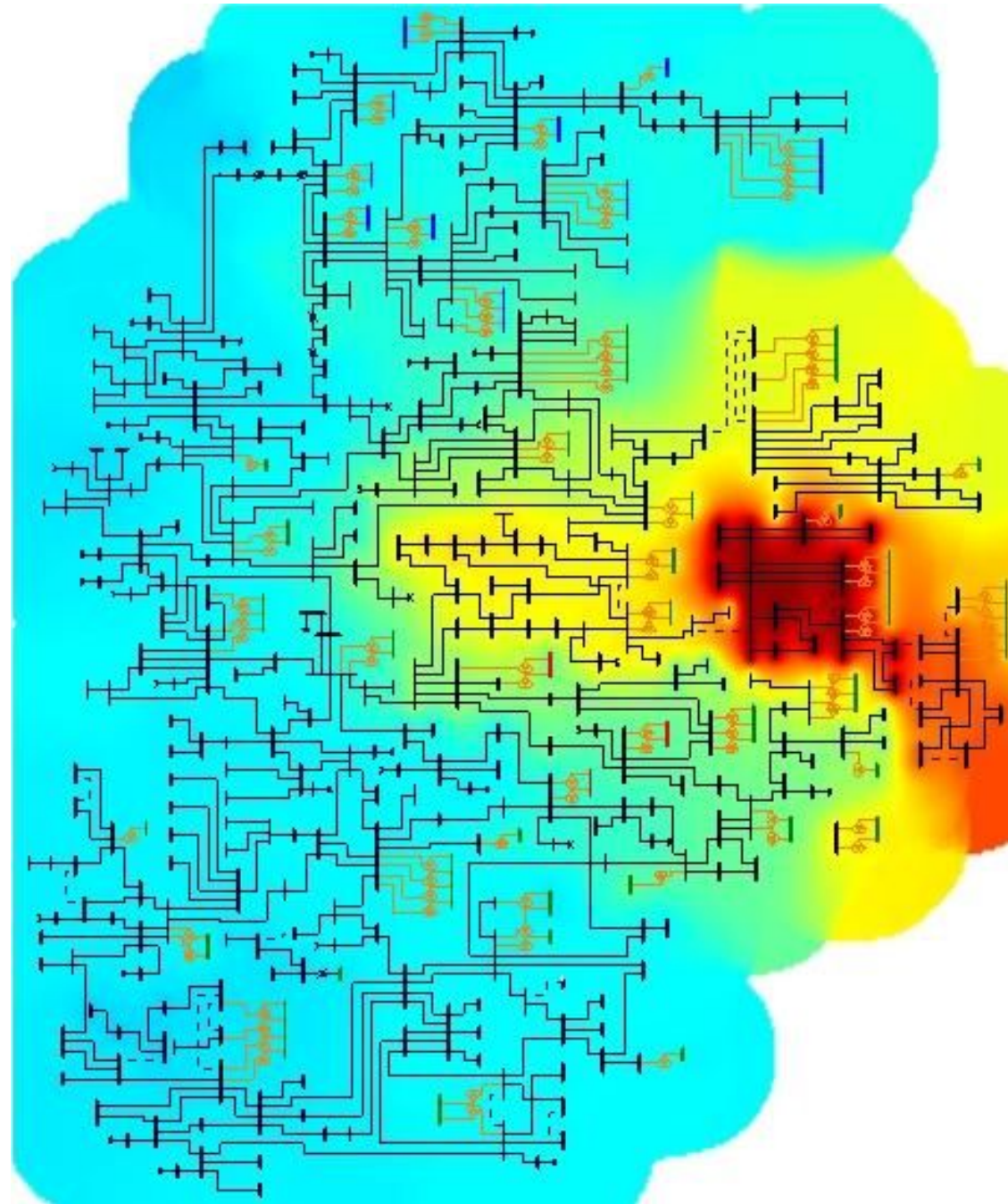
100% Wind
Fault at 1701
(Cathleen Falls)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

25% Wind

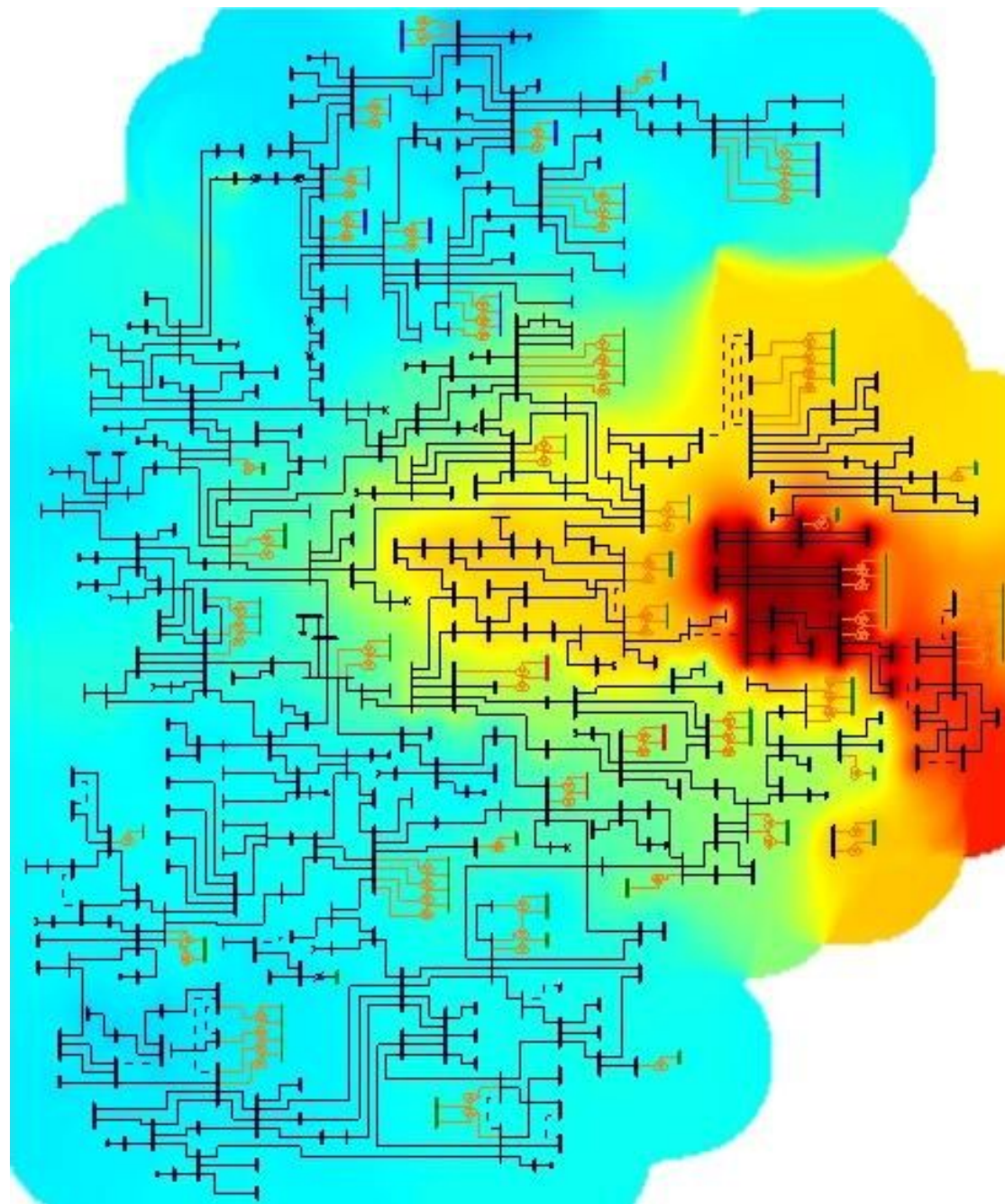
Fault at 2861
(GrangeC)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

50% Wind

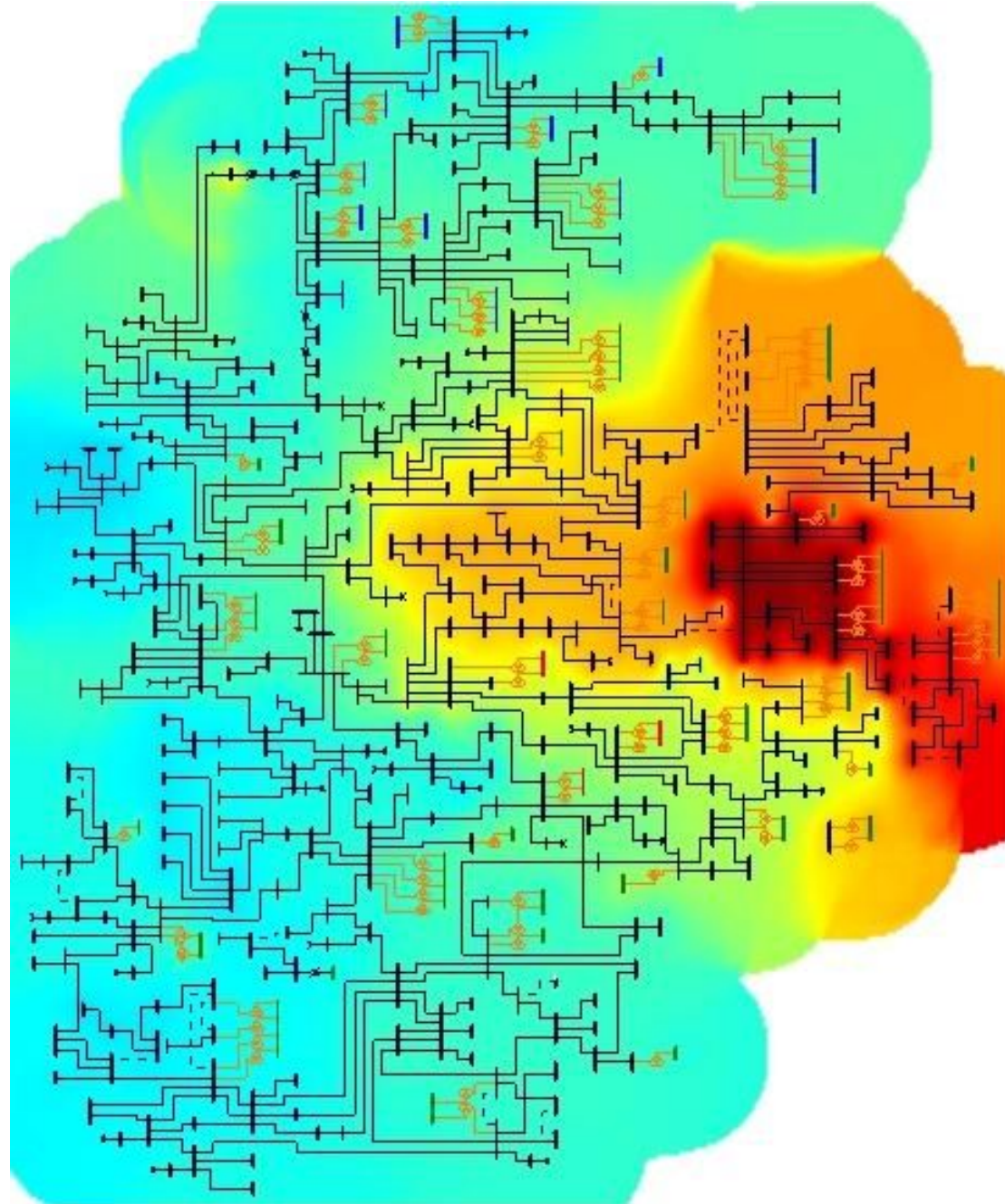
Fault at 2861
(GrangeC)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

75% Wind

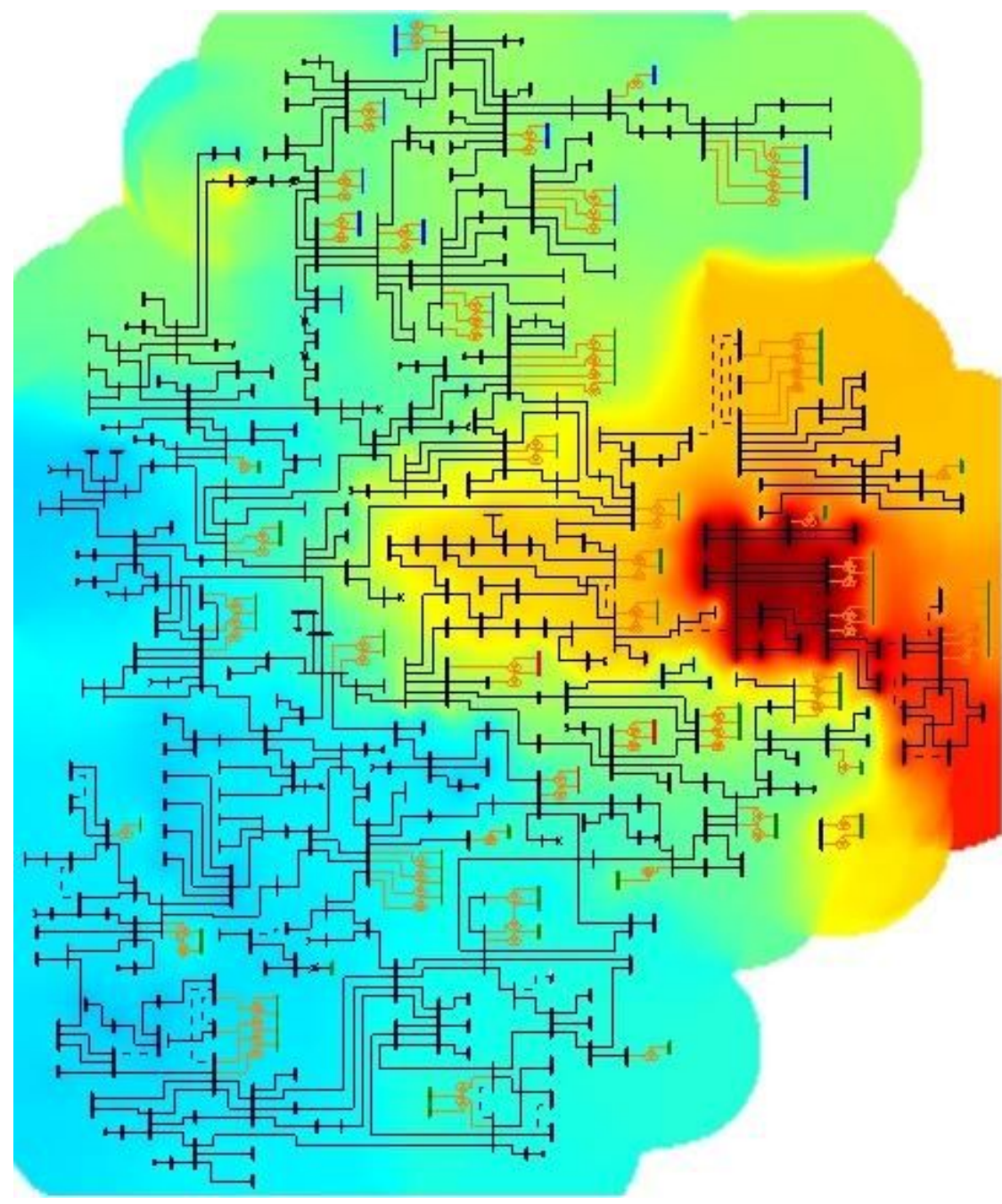
Fault at 2861
(GrangeC)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV

100% Wind

Fault at 2861
(GrangeC)



65/35 Dx/Tx Split, 25%-100%, no import - 110kV