



Fig.9. Test network overview

The trained operators do not feel a significant difference between online operation and operational training because the simulation parameter sets are power system snapshots and the calculations are performed in real time manner. Beginners and experienced operators staff can increase their skills by operating and solving power system emergency situations.

Staff qualification used to be achieved by studies of network theory, electrical behaviour of all grid components. It should also be noted that the application complies with all applicable standards for communication protocols [17].

4 Conclusion

Experienced and well trained personnel can achieve a reliable optimum under consideration of all safety and economic demands and technical constraints.

The safety application allows operator awareness (students or operating staff) about the danger to which is subjected in the current activity and especially are highlighted the limits of parameters from the scheme, so that the conditions of security to be respected.

Using the training the technical and economic effects of different operational strategies can be traced and trained.

The training activity leads to increasing of the operating staff's professionalism and prevents expensive errors. This training will result in countable profit increase of the company by less accidents and expensive errors.

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