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**Reclosers allocation optimization in distribution network.**

The use of reclosers in distribution networks 6–35 kV is considered. Optimal reclosers placement determination is required for their efficient use, which is an NP-complete problem in general. The optimal reclosers allocation determination, corresponding to the optimal SAIFI index, is performed with use of genetic algorithm.

*Keywords: recloser, distribution electric networks, consumer power supply reliability, integral reliability indexes, optimization, genetic algorithm.*

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