Optimal locating of the relicer in distribution networks by Frog mutation optimization algorithm (SFLA)

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ABSTRACT The cut-off time is used to recyclers to reduce the timing , this element removes transient errors , isolating errors and limiting subscribers will help reduce this time to find the best point to install this element inn order to achiave a suitable pattern for sustainability and conservation , considering that the optimal location of the recyclers is an optimization problem to slove this , an optimization method is needed. This paper;az algorithm for frog mutation optimization is used to solve the problem of determining the optimal.the proposed method is applied to the 33 bus and goal functions included energy not supplied and system average interruption frequency index. Issue solved with

Keywords : MATLAB software.the results obtained are compared with particle swarm optimization algorithm.

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