

عنوان مقاله:

Simultaneous Placement of Recloser and Fuse based on Society Development Algorithm

محل انتشار:

نوزدهمین کنفرانس اپتیک و فوتونیک ایران و پنجمین کنفرانس مهندسی فوتونیک ایران (سال: 1391)

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خلاصه مقاله:

In this paper is proposed a new multi-objective function include energy losses cost and reliability indices for placement of reclosers and fuses in distribution networks. All of the indices is converted to economical factors for suitable optimization and physical concept the objective function. Increasing the annual energy cost and cost of reliability indices are considered because study term is more than a year. Also in this paper a new optimization algorithm is proposed that is named society development algorithm (SDA). Case studies on a Tabriz 115 busses network shows the SDA is optimize better than genetic algorithm (GA). Simultaneous placement oh reclosers and fuses have optimal .results than non- Simultaneous placement

کلمات کلیدی:

recloser; fuse; reliability, Society Development Algorithm

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