عنوان مقاله:

Optimization of Fuse-Recloser Coordination and Dispersed Generation Capacity in Distribution Systems

محل انتشار:

تعداد صفحات اصل مقاله: 10

نویسندگان:

Morteza Nojavan - *Department of Electrical and Computer Engineering, University of Tabriz, Tabriz, Iran*

Heresh Seyedi - *Department of Electrical and Computer Engineering, University of Tabriz, Tabriz, Iran*

Arash Mahari - *Department of Electrical and Computer Engineering, University of Tabriz, Tabriz, Iran*

Kazem Zare - *Department of Electrical and Computer Engineering, University of Tabriz, Tabriz, Iran*

خلاصه مقاله:

In this paper, a novel protection coordination optimization algorithm is proposed. The purpose is to maximize the disperse generation penetration and, at the same time, to minimize the operating time of fuses. A novel optimization technique, the Imperialistic Competition Algorithm (ICA), is applied to solve the problem. The results of simulations confirm that the proposed method leads to lower operating times of protective devices and higher possible DG penetration, compared with the traditional coordination techniques.

کلمات کلیدی:

Fuse-recolser Coordination, en, Optimization, dg, protection, ICA

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