

## عنوان مقاله:

Reconfiguration optimization of the distribution network to improve reliability by ICA

## محل انتشار:

اولین کنفرانس بین المللی چشم انداز های نو در مهندسی برق و کامپیوتر (سال: 1395)

تعداد صفحات اصل مقاله: 11

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## خلاصه مقاله:

In this paper, network reconfiguration has been performed to improve reliability. For this reason, four parameters have been considered in objective function: Average of Energy Not Supplied (AENS), System Average Interruption Duration Index (SAIDI), System Average Interruption Frequency Index (SAIFI), and Momentary Average Interruption Frequency Index (MAIFI). The nonlinear problem is solved by Imperialist Competitive Algorithm (ICA). Simulation has been performed on IEEE standard system

## کلمات کلیدی:

Imperialist Competitive Algorithm (ICA), Reconfiguration, Reliability improvement, Distribution system

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/555813>

