

## عنوان مقاله:

A Heuristic Method for Distributed Generation Placement in Distribution Networks

## محل انتشار:

بیست و پنجمین کنفرانس بین المللی برق (سال: 1389)

تعداد صفحات اصل مقاله: 11

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## خلاصه مقاله:

This paper proposes a heuristic search method based on GA and immune systems to maximize the benefits of distribution network operators (DNOs) accrued due to sizing and placement of distributed generation (DG) units in distribution networks. The effects of DG units in reducing the reinforcement costs and active power losses of distribution network have been investigated. In the presented method, the integration of DG units in distribution network is done considering both technical and economical aspects. The strength of the proposed method is evaluated by applying it on a test and a real distribution network and then the results are compared with analytical classic and other heuristic methods

## کلمات کلیدی:

Distributed Generation, planning, heuristic search, active losses, investment deferral

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/133226>

