

**عنوان مقاله:**

The Effect of Various Types of DG Interconnection Transformer on Ferroresonance

**محل انتشار:**

بیست و یکمین کنفرانس مهندسی برق ایران (سال: 1392)

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**خلاصه مقاله:**

When switching occurs in a distribution network, in the presence of distribution generators, overvoltage is a possibility due to ferroresonance especially in unbalanced switching. This paper focuses on ferroresonance phenomenon in distribution networks in the presence of Distributed Generation (DG). The main goal of this article is to determine the effect of various types of DG interconnection transformers on balanced and unbalanced ferroresonance. The studies are performed based on a digital computer simulation approach using the PSCAD/EMTDC software package.

**کلمات کلیدی:**

Distributed generation, ferroresonance, interconnection transformer , island, overvoltage

**لینک ثابت مقاله در پایگاه سیویلیکا:**

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