

## عنوان مقاله:

Complicated Synchronizing for Industrial Power Systems-a real case study

## محل انتشار:

بیست و هشتمین کنفرانس بین المللی برق (سال: 1392)

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## خلاصه مقاله:

This paper presents a complicated generator synchronizing methodology that is proposed for a real power system of Iran by the authors. Today, the small scaled autonomous power systems with gas turbine generators (GTGs) are widely used in industrial power plants of this country. Typically these systems are designed to be operated in both islanding and grid-connected modes. Furthermore, the highreliability requirement of these power systems provides acomplicated bus configuration for them. Therefore, since the generators may be connected to some separated sections and each section may be connected to the national grid or not, closing the circuit breakers between two bus sections or between a bus section and a grid bus, subject us into a complicated synchronizing procedure. This problem is analyzed and solved by the authors in charge of Kerman Tablo Corp. (KTC) for a real power system in Iran which is called Parsian

## کلمات کلیدی:

Synchronizing; Industrial Power System; PMS; GTG; Power System Automation;Micro-Grid

## لینک ثابت مقاله در پایگاه سیویلیکا:

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