

## عنوان مقاله:

Power Quality In Distribution Systems And Simulation Of The Interaction Of Pulsing Quality In MATLAB / SIMULINK

## محل انتشار:

هشتمین کنفرانس بین المللی مهندسی برق با محوریت انرژی های نو (سال: 1394)

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## خلاصه مقاله:

Delivering quality electricity to customers and consumers is of particular importance. In this regard, monitoring power quality is a subject that has attracted attention. This article has been 20 kV distribution network with 380 volts voltage urban sample in SIMULINK environment of MATLAB software simulation. Simulation of distribution network with over and gone to work on the equipment that has been investigated. Some of the destructive factors like capacitor switching , Load switching transient states , commissioning electrical motor with high power and distribution system harmonic injection simulation By the harmonic generator and waveforms related to the destructive factors , extracted. The most important part of the article simulation is injection of harmonic current by rectifier that results investigated. At .the end , resulting of simulation and pluralization and conclusion and suggestions , provided

## کلمات کلیدی:

power quality monitoring, simulation, distribution, switching, waveform, harmonics

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/449041>

