

عنوان مقاله:

Voltage Sag/Swell/Harmonic and Current Harmonic Compensations Utilizing UPQC

محل انتشار:

نهمین کنفرانس بین المللی مهندسی برق با محوریت انرژی های نو (سال: 1395)

تعداد صفحات اصل مقاله: 6

نویسنده:

Ehsan Akbari - Mazandaran University of Science and Technology Faculty of Electrical Engineering, Babol, Iran

خلاصه مقاله:

Power Quality has become a crucial factor today due to wide application of power electronics based equipment. Conventional equipment for enhancement of power quality is becoming inadequate. Unified power quality conditioner (UPQC) is one modern device which deals with voltage and current imperfections simultaneously. In this paper, an attempt has been made to model the UPQC for voltage and current compensation with the help of two different control schemes. The current and voltage harmonics as well as voltage sag and swells compensation are shown

کلمات کلیدی:

Power Quality; UPQC; voltage sag; voltage swell; voltage Harmonic; current Harmonic

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/624248>

