

## عنوان مقاله:

Voltage Sag Reduction and Harmonic Elimination in Distribution System Using D-STATCOM

## محل انتشار:

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## نویسندگان:

Mojtaba Roodgar - *University of GuilanRasht, Iran*

Alfered Baghrmian - *University of GuilanRasht, Iran*

Jaber Habibi - *University of GuilanRasht, Iran*

## خلاصه مقاله:

This paper discusses about the power quality problems such as harmonic distortion and voltage sag in the distribution systems. A distribution static compensator (D-STATCOM) is used to improve the power quality. With a proper control like indirect current control scheme, this compensator is capable of eliminating harmonic distortion and mitigating voltage sag. In this study two test systems are used and every system operates in two modes, with and without DSTATCOM. The performance of proposed control scheme is validated through simulation carried out using MATLAB/SIMULINK.

## کلمات کلیدی:

Voltage sag, Harmonics, Power Quality, DSTATCOM

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/391990>

