

عنوان مقاله:

Investigate the contribution of an Arc Furnaces harmonics in network losses Using Particle swarm optimization

محل انتشار:

ششمین کنفرانس مهندسی برق و الکترونیک ایران (سال: 1393)

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خلاصه مقاله:

Voltage flicker and harmonics are some of the power quality problems which introduced to the power system as a result of nonlinear and stochastic behavior of arc furnaces operation. This paper investigates losses due to harmonics produced by an arc furnace on a network Using Particle swarm optimization. Preliminary results indicate that these losses are very small, but because of its expansion in all lines could reduce the power quality of entire network.

کلمات کلیدی:

Arc Furnace, Harmonic, Harmonic losses, Harmonic Load Flow, Particle swarm optimization

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/384251>

