

عنوان مقاله:

Comparison of Voltage Control and Current Control Methods in Grid Connected Inverters

محل انتشار:

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خلاصه مقاله:

This paper presents the comparative performance evaluation of the two main control techniques for Grid Connected Inverters (GCI). SPWM voltage controller and hysteresis current controller are considered here. The main control innovations, determined by industrial applications, are presented. Finally suitable criteria for the comparison are identified and differences in the performance of the controllers in a typical static synchronous var compensator setup .are investigated by simulations

کلمات کلیدی:

voltage controller, current controller, Grid Connected Inverter, transient response, harmonic spectrum

لینک ثابت مقاله در پایگاه سیویلیکا:

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