

## عنوان مقاله:

Improving Power Sharing and Reduction Circulating Current in Parallel Inverters of Isolated Microgrids

## محل انتشار:

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تعداد صفحات اصل مقاله: 5

## نویسندگان:

A. Khodadoost - *Electrical Engineering Dept. Amirkabir University of Technology Tehran, Iran*

A. Tavakoli - *Electrical Engineering Dept. Amirkabir University of Technology Tehran, Iran*

G.B. Gharehpetian - *Electrical Engineering Dept. Amirkabir University of Technology Tehran, Iran*

M. Seydali Seyf Abad - *Electrical Engineering Dept. Amirkabir University of Technology Tehran, Iran*

## خلاصه مقاله:

A new control scheme to improve in dynamic response of parallel inverters is proposed in this paper. The conventional droop method is a good choice for managing microgrid in a decentralized manner. The proposed control technique, based on the droop control method, uses current feedback signal and Power Angle of VSIs. This method is usually applied to achieve good active and reactive power sharing and decreasing circulating current in transient. In this work, a great improvement in transient response is achieved by introducing this new droop for voltage and frequency. Simulation results that validate the proposed controller are provided

## کلمات کلیدی:

(microgrid (MG), parallel inverters, VSI conventional droop method, current circulating (CC

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/250090>

