Title: Voltage Control of DC Microgrid
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To address this issue, this paper proposes a scalable voltage control strategy for uncertain DCmGs, enabling plug-and-play functionality without controller redesign or system ...

If DC MGs are to be implemented in real-world engineering, a stability control strategy is required; therefore, research on voltage stability and coordinated control of DC MGs is...

The proposed controller ensures the DC microgrid stability and furnishes the desired operation in the presence of different sources of uncertainty and disturbances. To that end, the ...

Key research gaps are identified, which could be filled by cutting-edge technologies. Readers will benefit from this review by learning about the current state of DC microgrids voltage ...

Under loss of utility power, a microgrid must regulate voltage and frequency within the grid, and therefore these controls would be well suited to microgrids. This research uses virtual oscillator ...

However, the integration of different distributed generations has complicated the control of bus voltage and current. Therefore, several efforts have been made in the research community to ...

The proposed control scheme offers several advantages including decentralized voltage control with no communication link, transient stabil- ity/performance, plug-and-play capability, scalability of design, ...

This paper examines a secondary control strategy aimed at ensuring accurate power sharing and voltage restoration within an islanded DC microgrid supplying a constant power load.

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