

A Review on Voltage Sag Mitigation in Ultra Capacitor Based Dynamic Voltage Restorer (DVR)

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Abstract: One product that can improve voltage sag and swell compensation with energy storage integration is the dynamic voltage restorer (DVR). Ultra capacitors (UCAP) have low energy density and high power density, making them suitable for compensating voltage sags and voltage swells, both of which demand high power for short periods of time. This work discusses the mitigation of voltage sag in ultracapacitor-based dynamic voltage restorers.

Keywords: Voltage Sag Mitigation, Dynamic voltage restorer (DVR), Ultra capacitors (UCAP).

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