

New intelligent energy storage cabinet for railway communication applications

This article provides a detailed review of onboard railway systems with energy storage devices. In-service trains as well as relevant prototypes are presented, and their characteristics are analyzed.

This paper presents a grid-connected improved SEPIC converter with an intelligent maximum power point tracking (MPPT) strategy tailored for energy storage systems in railway ...

A recent article published in Renewable and Sustainable Energy Reviews unpacks how energy storage can be strategically integrated into electric rail infrastructure to decrease emissions, ...

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The wide array of available technologies provides a range of options to suit specific applications within the railway domain. This review thoroughly describes the operational mechanisms ...

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