

Bidirectional charging of photovoltaic energy storage containers at drilling sites

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In this paper, a nonisolated bi-directional DC-DC converter is designed and simulated for energy storage in the battery and interfacing it with the DC grid.

This paper presents a novel integrated Green Building Energy System (GBES) by integrating photovoltaic-energy storage electric vehicle charging station (PV-ES EVCS) and ...

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The system not only converts DC storage energy to the loads or the grids bidirectionally, but also supplies high quality power, such as low total harmonic distortion (THD) current to the grids or ...

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