

Assessment of power system asset dispatch under different local energy community business models

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Comparison of full power and partial power buck-boost DC-DC converters for residential battery energy storage applications

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Feasibility study of universal power electronics interface operation in 350 V and 700 V residential DC microgrids

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Hybrid inverter and control strategy for enabling the PV generation dispatch using extra-low-voltage batteries

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Mathematical modeling of a battery energy storage system in grid forming mode

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Operation of the step-up/down bidirectional partial power converter near zero series voltage

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Optimizing size and economic feasibility assessment of photovoltaic and energy storage setup in residential applications

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