

**Analysis of holdup time for DC grid-forming isolated active front-end converters**

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**Evaluation of dual-active bridge converter for DC energy buildings**

**Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Sidorova, Aleksandra; Chub, Andrii; Vinnikov, Dmitri** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p  
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**Multi-port i-AFE converter for grid-interactive buildings: design requirements and efficiency evaluation**

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**Resonant DC transformer for grid-interactive energy efficient buildings**

**Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Chub, Andrii; Rathore, Akshay Kumar; Vinnikov, Dmitri** 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p  
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