Design considerations of dual-active bridge DC grid-forming converter for DC buildings
Carvalho da Silva, Edivan Laercio; Sidorova, Aleksandra; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri IEEE transactions on industrial electronics 2024 / p. 10601-10611 <a href="https://doi.org/10.1109/TIE.2023.3331125">https://doi.org/10.1109/TIE.2023.3331125</a>

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 https://doi.org/10.1109/CPE-POWERENG58103.2023.10227460

Optimized energy scheduling of residential DC building: Case of Nordic climate
Sidorova, Aleksandra; Blinov, Andrei; Ahmadiahangar, Roya; Vinnikov, Dmitri; Võsa, Karl-Villem; Kurnitski, Jarek 2023
IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 7 p
https://doi.org/10.1109/CPE-POWERENG58103.2023.10227437