Aggregated energy flexibility provision using residential heat pumps
Plaum, Freddy; **Ahmadiahangar, Roya**; **Rosin, Argo** 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 5 I https://doi.org/10.1109/CPE-POWERENG54966.2022.9880898

Comparison of full power and partial power buck-boost DC-DC converters for residential battery energy storage applications
Hassanpour, Naser; **Chub, Andrii**; **Blinov, Andrei**; **Vinnikov, Dmitri** 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 6 I https://doi.org/10.1109/CPE-POWERENG54966.2022.9880862

Info-gap-based optimization of microgrids integrated with power, cooling and hydrogen generation units
Mahmoudnezhad, Fayezeh; Mirzaei, Mohammad Amin; **Plaum, Freddy**; **Ahmadiahangar, Roya**; **Kilter, Jako**; **Rosin, Argo** 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 7 I https://doi.org/10.1109/CPE-POWERENG54966.2022.9880860