

**Analysis of the use of supercapacitors and batteries as energy storage elements for off-grid hybrid photovoltaic inverters**

Gonschorowski, E.; Cardoso, Rafael; **Carvalho, Edivan Laercio**; de Oliveira Stein, Carlos Marcelo; Carati, Emerson Giovanni; Denardin, Gustavo Weber; da Costa, Jean Patric 2023 IEEE 8th Southern Power Electronics Conference and 17th Brazilian Power Electronics Conference (SPEC/COBEP) 2023 / 7 p <https://doi.org/10.1109/SPEC56436.2023.10407182>

**Optimized energy scheduling of residential DC building: Case of Nordic climate**

**Sidorova, Aleksandra; Blinov, Andrei; Ahmadiyahangar, Roya; Vinnikov, Dmitri; Vösa, 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>

**Provision of ancillary services of a nanogrid in grid connected mode**

**Helguero Cruz, Jorge Luis; Rosin, Argo**; Biechl, Helmuth 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818255>