Adaptive frequency-based power management for off-grid hybrid photovoltaic converters

Gonschorowsk, Ezequiel; Cardoso, Rafael; Carvalho da Silva, Edivan Laercio; Stein, Carlos Marcelo De Oliveira; Carati,
Emerson Giovani; Denardin, Gustavo Weber; da Costa, Jean Patric Eletronica de potencia 2024 / art. e202440
https://doi.org/10.18618/REP.e202440

Analysis of the use of supercapacitors and batteries as energy storage elements for off-grid hybrid photovoltaic inverters Gonschorowski, E.; Cardoso, Rafael; Carvalho da Silva, Edivan Laercio; de Oliveira Stein, Carlos Marcelo; Carati, Emerson Giovani; 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

DC-link capacitor minimization in residential energy router through battery utilization

Najafzadeh, Mahdiyyeh; Vinnikov, Dmitri; Husev, Oleksandr; Jalakas, Tanel; Roasto, Indrek 2021 IEEE 15th International

Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG): Florence, Italy, 14-16 July 2021 2021

/ p. 1-6: ill https://doi.org/10.1109/CPE-POWERENG50821.2021