

Instantaneous, short-term and predictive long-term power balancing techniques in intelligent distribution grids

Suzdalenko, Alexander; Galkin, Ilya Technological Innovation for the Internet of Things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2013, Costa de Caparica, Portugal, April 15-17, 2013, Proceedings 2013 / p. 343-350 https://doi.org/10.1007/978-3-642-37291-9_37 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Modelling of consumption shares for small wind energy prosumers

Annuk, Andres; Yaïci, Wahiba; **Blinov, Andrei;** Märss, Maido; Trashchenkov, Sergei; Miidla, Peep Symmetry 2021 / art. 647 <https://doi.org/10.3390/sym13040647> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multiport interface converter with an energy storage for nanogrids

Roasto, Indrek; Rosin, Argo; Jalakas, Tanel IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 6088–6093 : ill <https://doi.org/10.1109/IECON.2018.8591104>

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), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818255>

Provision of reactive power by nanogrids as part of a topological power plant in a low voltage network

Helguero Cruz, Jorge Luis; Galeano, Santiago; **Rosin, Argo;** Biechl, Helmuth 3rd International Conference on Smart Energy Systems and Technologies (SEST), Istanbul, Turkey, 7-9 September 2020 2020 / 6 p. : ill <https://doi.org/10.1109/SEST48500.2020.9203456>

Stability analysis of a nanogrid considering communication delay time

Helguero Cruz, Jorge Luis; Rosin, Argo; Biechl, Helmuth Stability Analysis of a Nanogrid Considering Communication Delay Time : 10th International Conference on Electrical and Electronics Engineering (ICEEE), Istanbul, Turkiye, 08-10 May 2023 2023 / p. 139-143 : ill <https://doi.org/10.1109/ICEEE59925.2023.00033>

Thermal modelling of a control center for flexibility analysis in nZEB nanogrids

Häring, Tobias; Rosin, Argo; Kull, Tuule Mall; Helguero Cruz, Jorge Luis; Biechl, Helmuth 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/RTUCON51174.2020.9316568>