Aggregated demand-side energy flexibility : a comprehensive review on characterization, forecasting and market prospects
Plaum, Freddy; **Ahmadiahangar, Roya**; **Rosin, Argo**; **Kilter, Jako** Energy reports 2022 / p. 9344-9362
https://doi.org/10.1016/j.egyr.2022.07.038 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of corona loss performance on aging transmission lines using PMU measurements
Gupta, Pradeep Kumar; **Tuttelberg, Kaur**; **Kilter, Jako** Energy reports 2023 / p. 215-219 https://doi.org/10.1016/j.egyr.2023.09.160 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of deep learning models for multivariate prediction of time series wind power generation and temperature
Mishra, Sambeet; Bordin, Chiara; Taharaguchi, Kota; **Palu, Ivo** Energy reports 2020 / p. 273−286
https://doi.org/10.1016/j.egyr.2019.11.009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Congestion control strategies for increased renewable penetration of photovoltaic in LV distribution networks
Shabbir, Noman; **Kütt, Lauri**; **Astapov, Victor**; **Husev, Oleksandr**; **Ahmadiahangar, Roya**; **Wen, Fushuan**; **Kull, Karl** Energy reports 2022 / p. 217-223 https://doi.org/10.1016/j.egyr.2022.10.184 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A decade of solar PV deployment in ASEAN : policy landscape and recommendations
Sreenath, Sukumaran; Azmi, Azlin Mohd; Dahlan, Nofri Yenita; Sudhakar, K. Energy reports 2023 / p. 460-469
https://doi.org/10.1016/j.egyr.2022.05.219

Efficient use of heat from CHP distributed by district heating system in district cooling networks
Pieper, Henrik; Kirs, Tanel; **Krupenski, Igor**; **Ledvanov, Aleksandr**; **Lepiksaar, Kertu**; **Volkova, Anna** Energy reports 2021 / p. 47-54 https://doi.org/10.1016/j.egyr.2021.09.041 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Feasibility of solar hybrid energy system at a conservation park: Technical, economic, environmental analysis
Sreenath, Sukumaran; Azmi, Azlin Mohd; Ismail, Zubir Ahmad Mohd Energy reports 2023 / p. 711-719
https://doi.org/10.1016/j.egyr.2022.11.065

Features extraction of wind ramp events from a virtual wind park
Mishra, Sambeet; **Ören, Esin**; Bordin, Chiara; **Wen, Fushuan**; **Palu, Ivo** Energy reports 2020 / p. 237−249
https://doi.org/10.1016/j.egyr.2020.08.047 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

5th generation district heating and cooling (5GDHC) implementation potential in urban areas with existing district heating systems
Volkova, Anna; Pakere, Ieva; Murauskaite, Lina; Huang, Pei; **Lepiksaar, Kertu**; Zhang, Xinxing Energy reports 2022 / p. 10037-10047 https://doi.org/10.1016/j.egyr.2022.07.162 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Frequency stability of the Israeli power grid with high penetration of renewable sources and energy storage systems
Ben Yosef, Gefen; Navon, Aviad; Poliak, Olga; Etzion, Naomi; Gal, Nurit; **Belikov, Juri**; **Levron, Yoash** Energy reports 2021 / p. 6148−6161 : ill https://doi.org/10.1016/j.egyr.2021.09.057 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Kolmogorov-Arnold networks for algorithm design in battery energy storage system applications
Zequera, Rolando Antonio Gilbert; **Rassõlkin, Anton**; **Vaimann, Toomas**; **Kallaste, Ants** Energy Reports 2025 / p. 2664-2677
https://doi.org/10.1016/j.egyr.2025.02.002

Low carbon emission renovation of historical residential buildings
Kertsmik, Kadri-Ann; **Arumägi, Endrik**; **Hallik, Jaanus**; **Kalamees, Targo** Energy reports 2024 / p. 3836-3847
https://doi.org/10.1016/j.egyr.2024.03.030

Mitigation of pulsed power load effect on power system using FLC-SMES
Salama, Hossam S.; **Bakeer, Abualkasim Ahmed Ali**; Vokony, Istvan; **Chub, Andrii** Energy reports 2022 / p. 463-471
https://doi.org/10.1016/j.egyr.2021.11.054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

PF-FEDG : an open-source data generator for frequency disturbance event detection with deep-learning reference classifiers
Sun, Zhenglong; Ram, Machlev; Jiang, Chao; Wang, Qianchao; Perl, Michael; **Belikov, Juri**; Levron, Yoash Energy reports 2023 / p. 397-413 https://doi.org/10.1016/j.egyr.2022.11.182 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Port-Hamiltonian framework in power systems domain : a survey
Tõnso, Maris; **Kaparin, Vadim**; **Belikov, Juri** Energy Reports 2023 / p. 2918 - 2930 https://doi.org/10.1016/j.egyr.2023.09.077 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A review of low-temperature sub-networks in existing district heating networks : examples, conditions, replicability

Puschnigg, Stefan; Jauschnik, Gabriela; Moser, Simon; **Volkova, Anna**; Linhart, Matthias Energy Reports 2021 / p. 18-26 : ill
https://doi.org/10.1016/j.egyr.2021.09.044 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Review of technical solutions addressing voltage and operational challenges in a distribution grid with high penetration of intermittent RES
Astapov, Victor; **Shabbir, Noman**; **Rosin, Argo**; **Kütt, Lauri**; **Maask, Vahur**; **Tiismus, Hans** Energy reports 2025 / p. 1738-1760
https://doi.org/10.1016/j.egyr.2025.08.019

Transition towards university campus carbon neutrality by connecting to city district heating network
Hiltunen, Pauli; **Volkova, Anna**; **Latõšov, Eduard**; **Lepiksaar, Kertu**; Syri, Sanna Energy reports 2022 / p. 9493-9505
https://doi.org/10.1016/j.egyr.2022.07.055 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Uses of the digital twins concept for energy services, intelligent recommendation systems, and demand side management : a review
Onile, Abiodun Emmanuel; Machlev, Ram; **Petlenkov, Eduard**; Levron, Yoash; **Belikov, Juri** Energy reports 2021 / p. 997−1015
https://doi.org/10.1016/j.egyr.2021.01.090 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS