

Coupling of the electricity and district heat generation sectors with building stock energy retrofits as a measure to reduce carbon emissions

Jokinen, Ilkka; Lund, Andreas; Hirvonen, Janne; **Jokisalo, Juha; Kosonen, Risto**; Lehtonen, Matti Energy conversion and management 2022 / art. 115961, 17 p. : ill <https://doi.org/10.1016/j.enconman.2022.115961> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrolysis waste heat utilization towards district heating – a case study for Norway

Kauko, Hanne; Tommasini, Davide; Marx, Nicolas; Wimmer, Yannick; Reuter, Stefan; Puschnigg, Stefan; Moser, Simon; **Volkova, Anna; Ali, Hesham Abed Al-Same Jamil** 10th International Conference on Smart Energy Systems : Book of Abstracts 2024 / p. 251-252 <https://vbn.aau.dk/da/publications/book-of-abstracts-10th-international-conference-on-smart-energy-s-2>

Exploring the Landscape of End User Energy Flexibility: A Systematic Review of Technologies, Challenges, and Opportunities

Maask, Vahur; Agabus, Hannes; Tiismus, Hans; Astapov, Victor; Ahmadiyahangar, Roya; Korõtko, Tarmo; Rosin, Argo IEEE Access 2025 / p. 146579-146602 <https://doi.org/10.1109/ACCESS.2025.3599989> <https://ieeexplore.ieee.org/document/11129056>

Operation of district heat network in electricity and balancing markets with the power-to-heat sector coupling

Javanshir, Nima; Syri, Sanna; Tervo, Seela; **Rosin, Argo** Energy 2023 / art. 126423 <https://doi.org/10.1016/j.energy.2022.126423> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal operation of district heat network in electricity and balancing markets

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Pathway analysis of a zero-emission transition in the Nordic-Baltic region

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