

Challenges of microgrids in remote communities: a STEEP model application

Akinyele, Daniel; **Belikov, Juri**; Levron, Yoash Energies 2018 / art. 432, 35 p. : ill <https://doi.org/10.3390/en11020432> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

Comparison of COP estimation methods for large-scale heat pumps used in energy planning

Pieper, Henrik; Ommen, Torben; Kjær Jensen, Jonas Energy 2020 / art. 117994, 13 p. : ill <https://doi.org/10.1016/j.energy.2020.117994>

District cooling network planning. A case study of Tallinn

Volkova, Anna; Hlebnikov, Aleksandr; Ledvanov, Aleksandr; Kirs, Tanel; **Raudsepp, Urmas**; **Krupenski, Igor**; **Latõšov, Eduard** International Journal of Sustainable Energy Planning and Management 2022 / p. 63-78 : ill <https://doi.org/10.54337/ijsepm.7011> [Journal metrics at Scopus](#) [Article at Scopus](#)

Effects of coupling combined heat and power production with district cooling

Lepiksaar, Kertu; **Mašatin, Vladislav**; **Krupenski, Igor**; **Volkova, Anna** Energies 2023 / art. 4552 <https://doi.org/10.3390/en16124552>

Estonian Energy Roadmap to carbon neutrality

Volkova, Anna; **Kisel, Einari**; Grünvald, Olavi; Veske, Andres; Sukumaran, Sreenath; Purga, Jaanus International journal of sustainable energy planning and management 2023 / p. 30-46 <https://doi.org/10.54337/ijsepm.7568>

GIS-based approach to identifying potential heat sources for heat pumps and chillers providing district heating and cooling

Pieper, Henrik; **Lepiksaar, Kertu**; **Volkova, Anna** International Journal of Sustainable Energy Planning and Management 2022 / p. 29-44 <https://doi.org/10.54337/ijsepm.7021> [Journal metrics at Scopus](#) [Article at Scopus](#)

Large-scale heat pumps for district heating systems in the Baltics : potential and impact

Volkova, Anna; Koduvere, Hardi; **Pieper, Henrik** Renewable and sustainable energy reviews 2022 / art. 112749 <https://doi.org/10.1016/j.rser.2022.112749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Method of linear approximation of COP for heat pumps and chillers based on thermodynamic modelling and off-design operation

Pieper, Henrik; **Krupenski, Igor**; Markussen, Wiebke Brix; Ommen, Torben; **Siirde, Andres**; **Volkova, Anna** Energy 2021 / art. 120743 : ill <https://doi.org/10.1016/j.energy.2021.120743> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling framework for integration of large-scale heat pumps in district heating using low-temperature heat sources : A case study of Tallinn, Estonia

Pieper, Henrik; **Mašatin, Vladislav**; **Volkova, Anna**; Ommen, Torben; Elmegaard, Brian; Markussen, Wiebke Brix International journal of sustainable energy planning and management 2019 / p. 67-86 : ill <https://doi.org/10.5278/ijsepm.2019.20.6> [Journal metrics at Scopus](#) [Article at Scopus](#)

Optimal design and dispatch of electrically driven heat pumps and chillers for a new development area

Pieper, Henrik; Ommen, Torben; Elmegaard, Brian; **Volkova, Anna**; Markussen, Wiebke Brix Environmental and Climate Technologies 2021 / p. 470-482 : ill <https://doi.org/10.2478/rtuct-2020-0117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Planning of district heating regions in Estonia

Volkova, Anna; **Latõšov, Eduard**; **Lepiksaar, Kertu**; **Siirde, Andres** International journal of sustainable energy planning and management 2020 / p. 5-16 : ill <https://doi.org/10.5278/ijsepm.3490> [Journal metrics at Scopus](#) [Article at Scopus](#)