

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](#)

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.egy.2021.09.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimizing solar energy integration in Tallinn's district heating and cooling systems

Lepiksaar, Kertu; Kajandi, G-M.; **Sukumaran, Sreenath**; **Krupenski, Igor**; Kirs, Tanel; **Volkova, Anna** Smart Energy 2025 / art. 100166 <https://doi.org/10.1016/j.segy.2024.100166>

Photovoltaic-powered seasonal snow storage-assisted district cooling system: Site suitability analysis and performance assessment

Sukumaran, Sreenath; Kirs, Tanel; Kirs, Kristian; **Volkova, Anna** Energy 2024 / art. 133586 <https://doi.org/10.1016/j.energy.2024.133586> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Teaduskraadiga ettevõtjad lähevad üha enam hinda

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Use of absorption heat pumps to raise district cooling waste heat temperature for district heating supply in Tallinn : technical and economic analysis

Kirs, Tanel; **Sukumaran, Sreenath**; **Latõšov, Eduard**; **Volkova, Anna** Environmental and Climate Technologies 2024 / p. 409-421 <https://doi.org/10.2478/rtuect-2024-0032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)