

**Cascade sub-low temperature district heating networks in existing district heating systems**

**Volkova, Anna**; Reuter, Stefan; Puschnigg, Stefan Smart Energy 2022 / art. 100064 <https://doi.org/10.1016/j.segy.2022.100064> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**CO2 emission intensity of the Estonian DH sector**

**Latõšov, Eduard**; Umbleja, Siim; **Volkova, Anna** Smart Energy 2022 / art. 100070 <https://doi.org/10.1016/j.segy.2022.100070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Improving CHP flexibility by integrating thermal energy storage and power-to-heat technologies into the energy system**

**Lepiksaar, Kertu**; Mašatin, Vladislav; **Latõšov, Eduard**; **Siirde, Andres**; **Volkova, Anna** Smart energy 2021 / art. 100022 <https://doi.org/10.1016/j.segy.2021.100022>

**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>