

An analysis of hybrid renewable energy system using HOMER Pro: a case study in Sungai Tiang Camp, Perak

Fadzli, Nur Farzana Athirah Mohd; Azmi, Azlin Mohd; Dahlan, Nofri Yenita; Ismail, Zubir Ahmad Mohd; **Sukumaran, Sreenath** Journal of advanced research in applied sciences and engineering technology 2023 / p. 79-92 : ill <https://doi.org/10.37934/araset.31.3.7992>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Design and development of a conceptual solar energy laboratory for district heating applications

Chung, Jaewook; Sukumaran, Sreenath; Hlebnikov, Aleksandr; Volkova, Anna Solar 2023 / p. 504-521
<https://doi.org/10.3390/solar3030028>

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> [Journal metrics at Scopus](#) [Article at Scopus](#)

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>

Overview of solar photovoltaic applications for district heating and cooling

Sukumaran, Sreenath; Laht, Janika; Volkova, Anna Environmental and Climate Technologies / p. 964-979
<https://doi.org/10.2478/rtuect-2023-0070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>