

An evaluation and innovative coupling of seawater heat pumps in district heating networks

Ali, Hesham; Hlebnikov, Aleksandr; Pakere, Ieva; **Volkova, Anna** Energy 2024 / art. 133461

<https://doi.org/10.1016/j.energy.2024.133461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring heat demand forecasting in district heating networks using random parameter linear regression model

Ali, Hesham; Dedov, Andrei; Volkova, Anna Environmental and Climate Technologies 2024 / p. 670-685

<https://doi.org/10.2478/rtuct-2024-0052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forecasting annual electric power consumption using a random parameters model with heterogeneity in means and variances

Hamed, Mohammad M.; **Ali, Hesham;** Abdelal, Qasem Energy 2022 / art. 124510 <https://doi.org/10.1016/j.energy.2022.124510>

Hybrid heat pump performance evaluation in different operation modes for single-family house

Tihana, Jelena; **Ali, Hesham;** Apse, Jekaterina; Jekabsons, Janis; Ivancovs, Dmitrijs; Gaujena, Baiba; **Dedov, Andrei** Energies 2023 / art. 7018 <https://doi.org/10.3390/en16207018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unlocking the potential of electrolysis waste heat for district heating

Puschnigg, Stefan; Tommasini, Davide; Marx, Nicolas; **Ali, Hesham** Euroheat and Power 2025 / p. 11-15 <https://emagazine.ehp-magazine.com/de/profiles/ae22e601d266/editions/3eb695554e71f84f0b86>