

Challenges, benefits, and open questions in data-driven commercial building cooling optimization

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Data-driven model for real-time evaluating capacity of commercial buildings to participate in the demand response

Belikov, Juri; Matskevich, Aliaksei; Köse, Ahmet; Petlenkov, Eduard E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 04001, 12 p <https://doi.org/10.1051/e3sconf/202456204001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Performance of an earth-air heat exchanger (EAHE) in a heat recovery ventilation for residential buildings in severe cold regions

Hu, Xinyi; Jokisalo, Juha; Kosonen, Risto; Lehtonen, Matti BuildSim Nordic 2024 : Espoo, Finland, June 9-11, 2024 2024 / 12 p. <https://doi.org/10.1051/e3sconf/202456205002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Validation of methods for developing typical meteorological years based on future climate models

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VAV fan coil and demand controlled active chilled beam systems energy efficiency and thermal comfort performance comparison in a Japanese office building

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