

Aggregation ready flexibility management methods for mechanical ventilation systems in buildings

Maask, Vahur; Rosin, Argo; Korõtko, Tarmo; Thalfeldt, Martin; Syri, Sanna; Ahmadihangar, Roya Energy and buildings 2023 / art. 113369 <https://doi.org/10.1016/j.enbuild.2023.113369>

Analysis of ventilation load flexibility depending on indoor climate conditions

Maask, Vahur; Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; Korõtko, Tarmo 2020 IEEE International Conference on Industrial Technology, Buenos Aires Institute of Technology (ITBA) Buenos Aires, Argentina, 26-28 February, 2020 : proceedings 2020 / p. 607-612 <https://doi.org/10.1109/ICIT45562.2020.9067153> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Contributions to ventilation system demand response: a case study of an educational building

Maask, Vahur; Mikola, Alo; Korõtko, Tarmo; Rosin, Argo; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 11001, 6 p <https://doi.org/10.1051/e3sconf/202124611001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of experimental load management system for nearly zero-energy building

Maask, Vahur; Rosin, Argo; Roasto, Indrek 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTU CON) : conference proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/RTU CON.2018.8659826>

Exploratory data analysis for demand-side flexibility quantification

Shahid, Arqum; Ahmadihangar, Roya; Rosin, Argo; Maask, Vahur; Martins, João F. 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227408>

MechMate õppematerjalid : [õpikute kogumik]

Kütt, Lauri; Pettai, Elmo; Müür, Margus; Maask, Vahur; Lehtla, Tõnu 2018 <https://digi.lib.ttu.ee/i/?12126>

MechMate õppematerjalid [Võrguteavik]

Kütt, Lauri; Pettai, Elmo; Müür, Margus; Maask, Vahur; Lehtla, Tõnu 2019 https://www.ester.ee/record=b5227431*est <https://digi.lib.ttu.ee/i/?12126>

Overview of Energy Management Systems for net zero energy buildings

Maask, Vahur 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 172-174 : ill http://ise.elnet.ee/record=b2950102~S2*est

Research and development of explicit demand flexibility management methods for ventilation systems = Ventilatsioonisüsteemidele otsese energiapaindlikkuse juhtimismeetodite uurimine ja arendamine

Maask, Vahur 2023 <https://doi.org/10.23658/taltech.70/2023> <https://digikogu.taltech.ee/et/Item/0aa8feb6-5799-4f78-a035-a0f3d01f4127> https://www.ester.ee/record=b5645517*est

Second year PhD studies : study of ventilation control

Maask, Vahur 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 191-192 : ill https://www.ester.ee/record=b5183874*est

Study of demand side management of variable air volume ventilation system

Maask, Vahur 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 185-186 : ill https://www.ester.ee/record=b5291755*est

Study of TalTech SOC building ventilation system load flexibility

Maask, Vahur 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 2021 / p. 77-78 : ill https://www.ester.ee/record=b5457278*est

Tenant-based measured electricity use in 4 large office buildings in Tallinn, Estonia

Ferrantelli, Andrea; Aljas, Hans Kristjan; Maask, Vahur; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 04001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124604001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Virtual energy storage model of ventilation system for flexibility service

Maask, Vahur; Rosin, Argo; Korõtko, Tarmo 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227482>