

Analyzing energy flexibility by demand response in a Finnish district heated apartment building

Ju, Yuchen; Jokisalo, Juha; Kosonen, Risto; Kauppi, Ville; Janßen, Philipp E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09006, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124609006> Conference proceedings at Scopus Article at Scopus Journal metrics at WOS

Analyzing power and energy flexibilities by demand response in district heated buildings in Finland and Germany

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Basic design principles of nZEB buildings in scoping and conceptual design

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Cost savings and CO2 emissions reduction potential in the German district heating system with demand response

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Coupling of the electricity and district heat generation sectors with building stock energy retrofits as a measure to reduce carbon emissions

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Effect of Infector's location and occupants' activity level on airborne spread in a gym – an experimental and CFD study

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Emissions and power demand in optimal energy retrofit scenarios of the Finnish building stock by 2050

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Experimental evaluation of IDA ICE and COMSOL models for an asymmetric borehole thermal energy storage field in Nordic climate

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Indoor temperature conditions and energy demand of a Finnish detached house in a changing climate

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Numerical modeling and validation of a large-scale borehole thermal energy storage system in Finland

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Overheating risk and energy demand of nordic old and new apartment buildings during average and extreme weather conditions under a changing climate

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Performance assessment of ventilative and radiant cooling systems in office buildings during extreme weather conditions under a changing climate

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Performance of modern passive stack ventilation in a retrofitted Nordic apartment building

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Seasonal storage of residential exhaust air and sewage waste heat

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Simulation of demand response on buildings and district heating production

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Using portable air cleaners to restrict airborne transmission in an open plan office – a field measurement and CFD study

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