

Annex 67 papers

- A literature review of methodologies used to assess the energy flexibility of buildings. Rui Amaral Lopes, Adriana Chambel, João Neves, Daniel Aelenei, João Martins. SHC 2015, International Conference on Solar Heating and Cooling for Buildings and Industry. Istanbul, Turkey, December 2-4, 2015.
<http://www.sciencedirect.com/science/article/pii/S1876610216303745>
- IEA EBC Annex 67 Energy Flexible Buildings. Søren Østergaard Jensen, Anna Marszal-Pomianowska. CLIMA 2016, Aalborg, May 22-25, 2016.
http://vbn.aau.dk/files/233817779/paper_325.pdf
- Operational Load Shaping of Office Buildings Connected to Thermal Energy Storage Using Dynamic Programming. Christian Finck, Rongling Li, Wim Zeiler. CLIMA 2016, Aalborg, May 22-25, 2016.
https://pure.tue.nl/ws/files/52255755/CLIMA2016_TUE_Finck_Operational_load_shaping_of_office_buildings_connected_to_thermal_energy_storage_using_dynamic_programming.pdf
- Goodbye Passive House, Hello Energy Flexible Building? Erwin Mlecnik. PLEA 2016 - 32th International Conference on Passive and Low Energy Architecture. Los Angeles, USA, July 11-13, 2016.
<https://repository.tudelft.nl/islandora/object/uuid%3A0e009e81-a339-42f7-afea-e7c3b27a2a9f>
- Development of a design tool to calculate the grid interaction of buildings (in German). Hall M., Burger B., Geissler A. Brenet 19. Status-Seminar. Zürich, Switzerland, September 8-9, 2016
https://irf.fhnw.ch/bitstream/handle/11654/23355/OP-III-2-3_020_Hall-et-al._Planungstool-Netzinteraktion-von-Gebaeuden.pdf?sequence=1
- Comparison of the future residual load in fifteen countries and requirements to grid-supportive building operation. Konstantin Klein, Sven Killinger, David Fischer, Christoph Streuling, Jaume Salom, Eduard Cubi. Eurosun 2016, Palma de Mallorca, Spain, October 11-14, 2016.
https://www.researchgate.net/publication/309148474_Comparison_of_the_future_residual_load_in_fifteen_countries_and_requirements_to_grid-supportive_building_operation
- Market Opportunities and Barriers for Smart Buildings. Zheng Ma, Adrian Badi, Bo Nørregaard Jørgensen. IEEE Green Energy and Systems Conference (IGESC 2016). Long Beach, California, November 7, 2016.
<http://ieeexplore.ieee.org/document/7790078/>
- A Business Ecosystem Driven Market Analysis: The Bright Green Building Market Potential. Zheng Ma et al. 2017 IEEE Technology & Engineering Management Conference. Santa Clara, CA, USA, June 7-9, 2017.
[http://findresearcher.sdu.dk/portal/en/publications/a-business-ecosystem-driven-market-analysis-the-bright-green-building-market-potential\(816c836f-46e2-4848-9387-3b2f2f439b03\).html](http://findresearcher.sdu.dk/portal/en/publications/a-business-ecosystem-driven-market-analysis-the-bright-green-building-market-potential(816c836f-46e2-4848-9387-3b2f2f439b03).html)
- The Energy Flexibility in the commercial buildings: from the business ecosystem perspective. Zheng Ma et al. 14th International Conference on the European Energy Market – EEM 2017. Dresden, Germany, June 6-9, 2017.
[http://findresearcher.sdu.dk/portal/en/publications/energy-flexibility-in-retail-buildings-from-a-business-ecosystem-perspective\(6ac704a7-8a4f-4bb6-9959-5ae6b09a981b\).html](http://findresearcher.sdu.dk/portal/en/publications/energy-flexibility-in-retail-buildings-from-a-business-ecosystem-perspective(6ac704a7-8a4f-4bb6-9959-5ae6b09a981b).html)

- Urban Energy System Simulation using the Functional Mock-up Interface. Markus Schumacher et al. IBPSA Building Simulation Conference 2017, San Francisco, USA, August 7-9, 2017.
file:///C:/Users/sdj/Downloads/BS2017_2704_Schumacher_a.pdf
- Flexibility Quantification for Building Energy Systems with Heat Pumps. Sebastian Stinner, Kristian Huchtemann, Dirk Müller. IBPSA Building Simulation Conference 2017, San Francisco, USA, August 7-9, 2017.
file:///C:/Users/sdj/Downloads/BS2017_HVAC_03_2_1245_Stinner_2017-03-10_04-42_a.pdf
- Control strategies for building energy systems to unlock demand side flexibility – A review. John Clauß, Christian Finck, Pierre Vogler-Finck, Paul Beagon. IBPSA Building Simulation Conference 2017, San Francisco, USA, August 7-9, 2017.
file:///C:/Users/sdj/Downloads/BS2017_Controls_03_5_1462_Clau%C3%9F_2017-03-20_06-27_a.pdf
- Implementing Occupant Behaviour in the Simulation of Building Energy Performance and Energy Flexibility: Development of Co-Simulation Framework and Case Study. Rongling Li et al. IBPSA Building Simulation Conference 2017, San Francisco, USA, August 7-9, 2017.
[file:///C:/Users/sdj/Downloads/BS2017_Occupants_02_2_2211_Li_2017-04-05_09-35_a%20\(1\).pdf](file:///C:/Users/sdj/Downloads/BS2017_Occupants_02_2_2211_Li_2017-04-05_09-35_a%20(1).pdf)
- Performance Maps For The Control Of Thermal Energy Storage. Christian Finck et al. IBPSA Building Simulation Conference 2017, San Francisco, USA, August 7-9, 2017.
file:///C:/Users/sdj/Downloads/BS2017_HVAC_07_4_2238_Finck_2017-05-02_09-25_a.pdf
- Different balancing methods for Net Zero Energy Buildings - Impact of time steps, grid interaction and weighting factors. Monika Hall and Achim Geissler. CISBAT 2017 International Conference – Future Buildings & Districts – Energy Efficiency from Nano to Urban Scale, 6-8 September 2017, Lausanne, Switzerland. <https://doi.org/10.1016/j.egypro.2017.07.422>
- PVopti – hourly based energy balance for building design. Bastian Burger and Monika Hall. CISBAT 2017 International Conference – Future Buildings & Districts – Energy Efficiency from Nano to Urban Scale, 6-8 September 2017, Lausanne, Switzerland. <https://doi.org/10.1016/j.egypro.2017.07.394>
- Potential and optimization of a price-based control strategy for improving energy flexibility in Mediterranean buildings. Thibault Péan, Jaume Salom and Joana Ortiz (2017). In CISBAT 2017 International Conference – Future Buildings & Districts – Energy Efficiency from Nano to Urban Scale, CISBAT 2017 6-8 September 2017, Lausanne, Switzerland. accepted
- The impact of different energy balancing methods on Net Zero Energy Buildings. Monika Hall and Achim Geissler. Advanced Building Skins Conference, 2-3 October 2017, Bern, Switzerland. accepted

Posters

- Energieflexible Gebäude - Potenziale verschiedener Gebäudetypen und Einflussfaktoren. Tobias Weiß, Anna Fulterer and Armin Knotzer. Smart Energy Systems Week, May 15-19, 2017. Graz, Austria.
http://www.seswa.at/docs/poster/Poster_Weiss.pdf