

Data analysis of building sensors for efficient energy management and future trends in the EU

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Data-driven occupancy profile identification and application to the ventilation schedule in a school building

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Experimental determination of radiator, underfloor and air heating emission losses due to stratification and operative temperature variations

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Explainability and transparency of classifiers for air-handling unit faults using explainable artificial intelligence (XAI)

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Exploring the Landscape of End User Energy Flexibility: A Systematic Review of Technologies, Challenges, and Opportunities

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Market based renovation solutions in non-residential buildings - Why commercial buildings are not renovated to NZEB

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Office building tenants' electricity use model for building performance simulations

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Optimal scheduling of HVACs in islanded residential microgrids to reduce BESS size considering effect of discharge duration on voltage and capacity of battery cells

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Practical demand side management and demand response in large scale buildings with multiple case studies

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Practical real-time data-driven approach for district cooling plant operational optimization

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