

### **Comparison of the impact of different household occupancies on load matching algorithms**

**Häring, Tobias; Ahmadiyahangar, Roya; Rosin, Argo;** Biechl, Helmuth; **Korötko, Tarmo** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818270>

### **Geothermal heat pump plant performance in a nearly zero-energy building**

**Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek;** Kesti, Jyrki; Mononen, Tarmo; Lautso, Petteri Energy procedia 2016 / p. 489-502 : ill <https://doi.org/10.1016/j.egypro.2016.09.087> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Heat recovery from exhaust air as a thermal storage energy source for geothermal energy piles**

**Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek;** Kesti, Jyrki Energy procedia 2016 / p. 478-488 : ill <https://doi.org/10.1016/j.egypro.2016.09.179> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Impact of load matching algorithms on the battery capacity with different household occupancies**

**Häring, Tobias; Ahmadiyahangar, Roya; Rosin, Argo;** Biechl, Helmuth IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 2541-2547 <https://doi.org/10.1109/IECON.2019.8927495> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Performance and feasibility analysis of electricity price based control models for thermal storages in households**

**Rosin, Argo; Link, Siim; Lehtla, Madis;** Martins, Joao; **Drovtar, Imre; Roasto, Indrek** Sustainable cities and society 2017 / p. 366-374 : ill <https://doi.org/10.1016/j.scs.2017.04.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A review on energy piles design, sizing and modelling**

**Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek;** Haghighat, Fariborz Energy 2017 / p. 390-407 : ill <https://doi.org/10.1016/j.energy.2017.01.097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The use of thermal energy storage for energy system based on cogeneration plant**

**Volkova, Anna; Siirde, Andres** Recent Researches in Geography, Geology, Energy, Environment and Biomedicine : Proceedings of the 4th WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology (EMESEG '11) : Proceedings of the 2nd International Conference on Geography and Geology 2011 (WORLD-GEO '11) : Proceedings of the 5th International Conference on Energy and Development - Environment - Biomedicine 2011 (EDEB '11), Corfu Island, Greece, July 14-16, 2011 2011 / p. 71-75 : ill

### **Thermal modelling of a control center for flexibility analysis in nZEB nanogrids**

**Häring, Tobias; Rosin, Argo; Kull, Tuule Mall; Helguero Cruz, Jorge Luis;** Biechl, Helmuth 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/RTUCON51174.2020.9316568>

### **Using common household thermal storages to support the PV- and battery system in nearly zero energy buildings in off-grid mode**

**Häring, Tobias; Rosin, Argo;** Biechl, Helmuth Sustainable energy technologies and assessments 2019 / p. 12-24 : ill <https://doi.org/10.1016/j.seta.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)