

Analysis of consumer energy flexibility and applicability for power system

Metsik, Merilin; Rosin, Argo; Maask, Vahur; Agabus, Hannes 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830882>

Combined UX/UXI taxonomy for prosumer commons in Smart Sustainable Cities

Kajander, Aleks Oskar Johannes; Solarte Vasquez, Maria Claudia 16th International Conference on Interfaces and Human Computer Interaction (IHCI2022) and 15th International Conference on Game and Entertainment Technologies (GET2022) Held at the 16th Multi-Conference on Computer Science and Information Systems (MCCSIS 2022), Lisbon, Portugal 19-22 July, 2022 2022 / p. 122-130 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85142297503&origin=resultslist&sort=plf-f>
https://www.iadisportal.org/components/com_booklibrary/ebooks/202205L016.pdf

Competitiveness of wood fuel in the conditions of open electricity market in Post-Kyoto period : case study for Estonia

Volkova, Anna; Roos, Inge; Soosaar, Sulev; Siirde, Andres Proceedings of 3rd International Conference on Clean Electrical Power, Renewable Energy Resources Impact, Ischia, Italy, 14th-16th June, 2011 2011 / p. 660-667 : ill

Coronavirus and the cost of non-Europe: An analysis of the economic benefits of common European action

Evas, Tatjana; Heflich, Aleksandra; Lomba, Niombo; Müller, Klaus; Navarra, Cecilia; Panella, Lauro; Saulnier, Jerome Leon; Stjernquist, Annika; Ballegooij, Wouter van 2020
[https://www.europarl.europa.eu/RegData/etudes/IDAN/2020/642837/EPRS_IDA\(2020\)642837_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/IDAN/2020/642837/EPRS_IDA(2020)642837_EN.pdf)

Current problems related to energy policy and law in European Union

Kerikmäe, Tanel; Dutt, Pawan Kumar L'Europe unie = United Europe 2013 / p. 112-120 : ill

Demand side management for commercial buildings : multiple heating systems based optimization in real-time

Köse, Ahmet; Sukhanov, Ivan; Belikov, Juri; Teplyakov, Aleksei; Petlenkov, Eduard Proceedings of the 30th ICE IEEE/ITMC Conference on Engineering, Technology, and Innovation: Digital Transformation on Engineering, Technology and Innovation, ICE 2024 2024 IEEE International Conference on Engineering, Technology, and Innovation (ICE/ITMC) 2024 / 8 p
<https://doi.org/10.1109/ICE/ITMC61926.2024.10794302>

Energy consumption characteristics based on monitored data : a school case study

Vassiljeva, Kristina; Matson, Margarita; Petlenkov, Eduard; Belikov, Juri; Thalfeldt, Martin; Kurnitski, Jarek CLIMA 2022 : REHVA 14th HVAC World Congress 22nd-25th May in Rotterdam, The Netherlands 2022 / 5 p. : ill
<https://doi.org/10.34641/clima.2022.274>

Energy pile field simulation in large buildings: validation of surface boundary assumptions

Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek Energy and technical building systems - scientific and technological advances 2020 / p. 12-31 : ill <https://doi.org/10.3390/books978-3-03928-179-4>

Energy pile field simulation in large buildings: validation of surface boundary assumptions

Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek Energies 2019 / art. 770, 20 p. : ill <https://doi.org/10.3390/en12050770>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review

Singh Siwal, Samarjeet; Zhang, Qibo; Sun, Changbin; Thakur, Sourbh; Gupta, Vijai Kumar; Kumar Thakur, Vijay Bioresource Technology 2020 / Art. nr. 122481 <https://doi.org/10.1016/j.biortech.2019.122481> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Explainable Artificial Intelligence (XAI) techniques for energy and power systems : review, challenges and opportunities

Machlev, Ram; Heistrene, L.; Perl, M.; Levy, K. Y.; Belikov, Juri; Mannor, S.; Levron, Yoash Energy and AI 2022 / art. 100169, 13 p. : ill <https://doi.org/10.1016/j.egyai.2022.100169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A feasibility analysis of decentralized solar power using RETScreen in Odisha

Mishra, Sambheet; Tripathy, Pratyasha; Ali, Sayed Majid 15th International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO) : Visakhapatnam, India, 24-25 January 2015 2015 / [6] p. : ill
<https://doi.org/10.1109/EESCO.2015.7253739>

Measuring explainability and trustworthiness of power quality disturbances classifiers using XAI - explainable artificial intelligence

Machlev, Ram; Perl, Michael; Belikov, Juri; Levy, Kfir; Levron, Yoash IEEE transactions on industrial informatics 2022 / p. 5127-5137 <https://doi.org/10.1109/TII.2021.3126111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of pump efficiencies with different pumps characteristics working in parallel mode

Koor, Margus; Vassiljev, Anatoli; Koppel, Tiit Advances in engineering software 2016 / p. 69-76 : ill
<https://doi.org/10.1016/j.advengsoft.2015.10.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of pump efficiency in a water distribution system

Koor, Margus; Vassiljev, Anatoli; Koppel, Tiit Proceedings of the Ninth International Conference on Engineering Computational Technology 2014 / Paper 91, p. 1-10 : ill

Optimization of radiators, underfloor and ceiling heater towards the definition of a reference ideal heater for energy efficient buildings

Ferrantelli, Andrea; Vösa, Karl-Villem; Kurnitski, Jarek Applied sciences 2018 / art. 2477, 22 p. : ill

<https://doi.org/10.3390/app8122477> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A peer-to-peer approach to energy production

Giotitsas, Christos; **Pazaitis, Alexandros; Kostakis, Vasileios** Technology in society 2015 / p. 28-38

<http://dx.doi.org/10.1016/j.techsoc.2015.02.002>

Physicochemical pre- and post-treatment of coking wastewater combined for energy recovery and reduced environmental risk

Li, Zemin; Wei, Tuo; Pan, Jiamin; Liang, Yitong; Ban, Zixin; Ke, Xiong; Kong, Qiaoping; Qiu, Guanglei; Hu, Yun; **Preis, Sergei**; Wei, Chaohai Journal of hazardous materials 2023 / art. 130802, 10 p. : ill <https://doi.org/10.1016/j.jhazmat.2023.130802> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Sukhanov, Ivan; Köse, Ahmet; Tepļakov, Aleksei; Petlenkov, Eduard; Belikov, Juri IEEE PES Innovative Smart Grid

Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p

<https://doi.org/10.1109/ISGTEUROPE62998.2024.10863248>

Production-based and consumption-based national greenhouse gas inventories : an implication for Estonia

Gavrilova, Olga; Vilu, Raivo Ecological economics 2012 / p. 161-173 : ill

<https://www.sciencedirect.com/science/article/pii/S0921800912000432>

A review of greenhouse gas emission profiles, dynamics, and climate change mitigation efforts across the key climate change players

Zheng, Xiaosong; Streimikiene, Dalia; Balezentis, Tomas; Mardani, Abbas Journal of cleaner production 2019 / p. 1113-1133

<https://doi.org/10.1016/j.jclepro.2019.06.140>

Teaching sustainable energetics

Meissner, Dieter; Burk, Peeter; Koppel, Ilmar; Lust, Enn; **Mellikov, Enn; Öpik, Andres** International Conference On Renewable

Energy (INCORE 2016) : book of programme and abstract 2016 / p. 13

The Bulgarian Competition Authority sanctions electricity supplier for an abuse of dominance in the form of temporary suspension of supply for accumulated debts (NERGO PRO Sales AD) [Electronic resource]

Svetlicinii, Alexandr e-Competitions 2013

The Competition Authority of Bosnia and Herzegovina rejects the complaint alleging the anti-competitive character of the government subsidies for energy generation from renewable sources (APEOR) [Electronic resource]

Svetlicinii, Alexandr e-Competitions 2012

The Court of Bosnia and Herzegovina quashes the no-infringement of the Competition Authority based on the concept of "single economic entity" (Elektrokontakt) [Electronic resource]

Svetlicinii, Alexandr e-Competitions 2014

The nexus of world electricity and global sustainable development

Wittmann, Veronika; Arici, Elif; **Meissner, Dieter** Energies 2021 / art. 5843, 21 p. : ill <https://doi.org/10.3390/en14185843> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Romanian Competition Authority accepts behavioural commitments in unfair pricing case in the natural gas sector (Progaz) [Electronic resource]

Svetlicinii, Alexandr e-Competitions 2012

Wave energy potential in the seasonally ice-covered Baltic Sea based on a long-term hindcast

Alari, Victor; Björkqvist, Jan-Victor; Pärn, Ove 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for

the Baltic countries : abstract book : 12–15 June 2018 Klaipėda, Lithuania 2018 / p. 11 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf