

Aggregation ready flexibility management methods for mechanical ventilation systems in buildings

Maask, Vahur; Rosin, Argo; Korõtko, Tarmo; Thalfeldt, Martin; Syri, Sanna; Ahmadihangar, Roya Energy and buildings 2023 / art. 113369, 14 p. : ill <https://doi.org/10.1016/j.enbuild.2023.113369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aggregator index for 24-hour energy flexibility evaluation in an ADN including PHEVs

Rashtbaryan, A.; Gharehpetian, Gevork B.; Baghaee, H. R.; Ahmadihangar, Roya IEEE Access 2024 / p. 16105-16116 <https://doi.org/10.1109/ACCESS.2024.3353136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Assessment of power system asset dispatch under different local energy community business models

Korõtko, Tarmo; Plaum, Freddy; Häring, Tobias; Mutule, Anna; Lazdins, Roberts; Boršcevs, Olegs; Rosin, Argo; Carroll, Paula Energies 2023 / art. 3476 <https://doi.org/10.3390/en16083476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Building resilience : pillars of workforce agility at organizational and individual levels in SMEs

Reinhold, Karin Small and medium-sized enterprise (SME) resilience : strategies for risk and crisis management 2024 / p. 231-247 https://doi.org/10.1007/978-3-031-50836-3_11

Challenges of smart grids implementation

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 1-15 https://doi.org/10.1007/978-981-15-4627-3_1 [Journal metrics at Scopus](#) [Article at Scopus](#)

City as a product, planning as a service

Prilenska, Viktorija; Paadam, Katrin; Liias, Roode Places and Technologies 2018 : 5th International Academic Conference on Places and Technologies, Belgrade, Serbia, 26-27 April 2018 : Conference proceedings 2018 / p. 262-268

Closing the loop with automated adaptive disassembly

Schmitt, R. H.; Göppert, A.; Sohnius, F.; Frye, M.; Balzereit, F.; Elsner, J.; Briele, K.; Bergs, L.; Bitter-Krahe, J.; Drechsel, M.; Häring, Tobias Empower Green Production: Conference proceedings : AWK'23, May 11-12, 2023 2023 / p. 61-89 : ill <https://doi.org/10.24406/publica-943>

Clustering-based penalty signal design for flexibility utilization

Rosin, Argo; Ahmadihangar, Roya; Azizi, Elnaz; Sahoo, Subham; Vinnikov, Dmitri; Blaabjerg, Frede; Dragicevic, Tomislav; Bolouki, Sadegh IEEE Access 2020 / p. 208850-208860 <https://doi.org/10.1109/ACCESS.2020.3038822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of pricing behavior of firms in the euro area and Estonia

Dabušinskas, Aurelijus; Randveer, Martti 2006 https://www.ester.ee/record=b2198893*est

Cyber-physical microgrids : toward flexible energy districts

Rosin, Argo; Ahmadihangar, Roya; Martins, Joao; Sahoo, Subham; Blaabjerg, Frede Cyber Security for Microgrids 2022 / p. 161-178 : ill https://doi.org/10.1049/PBPO196E_ch8

Data-driven quantification and aggregation of demand-side flexibility for symmetrical bidding in energy balancing markets

Shahid, Arqum; Ahmadihangar, Roya; Kilter, Jako; Rosin, Argo Electric Power Systems Research 2025 / art. 111823 <https://doi.org/10.1016/j.epsr.2025.111823>

Day-ahead economical planning of multi-vector energy district considering demand response program

Ghasemi-Marzbali, Ali; Shafiei, Mohammad; Ahmadihangar, Roya Applied energy 2023 / art. 120351 <https://doi.org/10.1016/j.apenergy.2022.120351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Debate: The developed civil servant-providing agility and stability at the same time

Drechsler, Wolfgang; Kattel, Rainer Public money and management 2020 / p. 549-551 <https://doi.org/10.1080/09540962.2020.1729522> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digital ownership strategies : the health care services case

Wahl, Mike Franz; Durst, Susanne Resilience in a Digital Age 2022 / p. 137-158 https://doi.org/10.1007/978-3-030-85954-1_9 [Article collection metrics at Scopus](#) [Article at Scopus](#)

An economical optimization for the participation of a residential microgrid in flexibility markets providing ancillary services

Alvi, Anas Abdullah; Gonzalez-Romera, Eva; Romero-Cadaval, Enrique; **Vinnikov, Dmitri**; Milanés-Montero, Maria Isabel; Barrero-Gonzalez, Fermin 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604394>

EFIC-ME : a fast emulation based fault injection control and monitoring enhancement

Abideen, Zain UI; Rashid, Muhammad Haroon IEEE Access 2020 / p. 207705-207716

<https://doi.org/10.1109/ACCESS.2020.3038198> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enn Listra: vanasse jökke astuda ei saa. Ega tohi

Listra, Enn aripaev.ee 2023 [Enn Listra: vanasse jökke astuda ei saa. Ega tohi](#)

Exploratory data analysis for demand-side flexibility quantification

Shahid, Arqum; Ahmadihangar, Roya; Rosin, Argo; Maask, Vahur; Martins, João F. 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227408>

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

Maask, Vahur; Agabus, Hannes; Tiismus, Hans; Astapov, Victor; Ahmadihangar, Roya; Korõtko, Tarmo; Rosin, Argo IEEE Access 2025 / p. 146579-146602 <http://doi.org/10.1109/ACCESS.2025.3599989> <https://ieeexplore.ieee.org/document/11129056>

Flexibly graded monads and graded algebras

McDermott, Dylan; **Uustalu, Tarmo** Mathematics of Program Construction : 14th International Conference on Mathematics of Program Construction, MPC 2022, Tbilisi, September 26-28, 2022 : proceedings 2022 / p. 102-128 : ill https://doi.org/10.1007/978-3-031-16912-0_4 [Conference Proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceeding at WOS](#)

Forecasting available demand-side flexibility

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 39-49

https://doi.org/10.1007/978-981-15-4627-3_4 [Journal metrics at Scopus](#) [Article at Scopus](#)

Forecasting demand-side flexibility of a household with dynamic consumer behavior analysis

Shahid, Arqum; Ahmadihangar, Roya; Rosin, Argo; Korõtko, Tarmo IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863005>

Framework for connecting the mobility challenges in low density areas to smart mobility solutions: the case study of Estonian municipalities

Agriesti, Serio Angelo Maria; Soe, Ralf-Martin; Saif, Muhammad Atiullah European transport research review 2022 / art. 32

<https://doi.org/10.1186/s12544-022-00557-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Harnessing appliance flexibility : a user-centric approach for energy management

Shahid, Arqum 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 95-96 : ill https://www.ester.ee/record=b5570906*est

Interim-Management-Deployments in an innovation-context = Ajutise juhtimise efektiivne rakendamine innovatsiooni juhtimise kontekstis

Bruns, Jürgen 2005 <https://digi.lib.ttu.ee/i/?38>

Investigating different sources of flexibility in power system

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 27-37

https://doi.org/10.1007/978-981-15-4627-3_3 [Journal metrics at Scopus](#) [Article at Scopus](#)

Juhtimiseksptert: "Muudatuste tegemiseks peab jalgealune olema stabiilne"

Randmann, Liina; Metsar, K. aripaev.ee 2024 [Juhtimiseksptert: "Muudatuste tegemiseks peab jalgealune olema stabiilne"](#)

Küllli Taro: Eesti riigihalduse ja e-valitsemise "valged elevandid" [Võrguväljaanne]

Taro, Külli err.ee 2022 [Küllli Taro: Eesti riigihalduse ja e-valitsemise "valged elevandid"](#)

Leveraging the machine learning techniques for demand-side flexibility - a comprehensive review

Shahid, Arqum; Ahmadihangar, Roya; Rosin, Argo; Blinov, Andrei; Korõtko, Tarmo; Vinnikov, Dmitri Electric power systems research 2025 / art. 111185 <https://doi.org/10.1016/j.epsr.2024.111185>

Maarja Kruusmaa: säilenõtkusesse panustamine tagab ühiskonna toimimise mistahes olukorras

Kruusmaa, Maarja Arvamus, kultuur : [ajalehe Postimees lisa] 2023 / Lk. 3 [Maarja Kruusmaa: säilenõtkusesse panustamine tagab ühiskonna toimimise mistahes olukorras](#)

Merilin Metsik ja Argo Rosin: mis takistab koduse elektritarbimise juhtimist?

Metsik, Merilin; Rosin, Argo err.ee 2023 [Merilin Metsik ja Argo Rosin: mis takistab koduse elektritarbimise juhtimist?](#)

Mobility and traffic congestion in nowadays Estonia

Nirk, Tavi 1998 FISITA World Automotive Congress, Paris, Sept. 27 - Oct. 1 '98 : proceedings : [CD-ROM] 1998 / [7] p.: ill

Muutuv majandusilm soosib väikesi ja paindlikke

Kitt, Robert Forbes 2012 / lk. 10

Neo-Weberian State : a medicine for Central and Eastern Europe?

Randma-Liiv, Tiina Studies on administrative reform : building service-oriented government and performance evaluation systems 2013 / p. 71-86

New approaches for increasing demand-side flexibility

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 51-62

https://doi.org/10.1007/978-981-15-4627-3_5 [Journal metrics at Scopus](#) [Article at Scopus](#)

Non-stationarity of sea level extremes caused by abrupt changes in atmospheric circulation in the Gulf of Riga (Baltic Sea)

Kudryavtseva, Nadezhda; Soomere, Tarmo; Männikus, Rain American Geophysical Union, Fall Meeting 2020 2020 / abstract

<https://ui.adsabs.harvard.edu/abs/2020AGUFMNH0380003K/abstract>

Novel quantification method of aggregated energy flexibility based on power-duration curves

Plaum, Freddy; Rosin, Argo; Ahmadihangar, Roya IEEE Access 2024 / p. 132825-132837

<https://doi.org/10.1109/ACCESS.2024.3461151> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the concept of flexibility in electrical power systems : signs of inflexibility

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 17-26

https://doi.org/10.1007/978-981-15-4627-3_2 [Journal metrics at Scopus](#) [Article at Scopus](#)

Paindlikkus ja individualiseerimine tööandja ja töövõtja käitumises

Karotom, Natalia "Eesti Euroopas : uued väljakutsed sotsiaalteadlastele" : Eesti sotsiaalteaduste V aastakonverents : 12.-13. novembril 2004 Tartus : annotatsioonikogumik 2004 / lk. 52-53

Paindlikud organisatsioonid ja töösuhted

Elenurm, Taimi Personali Praktik : PP 2013 / lk. 20-22 : ill

Platvormitöö – tööampsudega vaesusesse? Arvamusfestival : video

Võsumets, Marion; Kiik, Tanel; **Holts, Kaire;** Arras, Henri; Golovenski, Boris Edasi.org : innustav ja hariv ajakiri 2021

<https://edasi.org/96805/video-platvormitoo-tooampsudega-vaesusesse-arvamusfestival/>

Position paper : resilience in SMEs—what philosophy and ethics got to do with it?

Pevkur, Aive Small and medium-sized enterprise (SME) resilience : strategies for risk and crisis management 2024 / p. 323-329

https://doi.org/10.1007/978-3-031-50836-3_15

Preface

Durst, Susanne; Henschel, Thomas Small and medium-sized enterprise (SME) resilience : strategies for risk and crisis management 2024 / p. vii https://www.estor.ee/record=b5687718*est

Research and development of quantification methods for aggregated energy flexibility = Agregeeritud energiapaindlikkuse kvantifitseerimismeetodi uurimine ja arendamine

Plaum, Freddy 2025 <https://digikogu.taltech.ee/et/Item/3e244995-0b3a-4efd-8f68-6e7e4268576f> https://www.estor.ee/record=b5746292*est <https://doi.org/10.23658/taltech.28/2025>

Resilience in manufacturing during COVID-19 through digital worker assistance systems

Rauch, Erwin; Aruväli, Tanel IEM Teaching and Research at the Crossroads of Innovation, Digitalisation and Sustainability:

Proceedings of the 14th EPIEM Conference 2021 2021 / p. 41-47 http://www.epiem.org/wp-content/uploads/2021/06/20210601_Proceedings-of-the-14th-EPIEM-Conference_V-1.0_Final-Published.pdf <https://doi.org/10.3217/978-3-85125-827-1>

Response to the agility and flexibility in the nowadays process planning conceptions

Papstel, Jüri Symposium on the 50th Anniversary of Department of Manufacturing Engineering of Budapest University of Technology and Economics (BUTE) : Budapest 24-25th May 2001 2001 / p. 101-111 : ill

Roheoskustest on saamas äritegevuse A ja O

Täker, A. postimees.ee 2025 <https://majandus.postimees.ee/8237611/uus-trend-roheoskustest-on-saamas-aritegevuse-a-ja-o>

The role of external crises in international SMEs' business models: an institution-based view

Durst, Susanne; Torkkeli, Lasse; Ainamo, Antti Contextual Embeddedness of Entrepreneurship 2023 / p. 137-153
<https://doi.org/10.4337/9781035320684.00016>

Small and medium-sized enterprise (SME) resilience : strategies for risk and crisis management

2024 https://www.ester.ee/record=b5687718*est <https://doi.org/10.1007/978-3-031-50836-3>

Stress distribution in mis-shapen boiler drums

Lausmaa, Toomas; Tallermo, Harri; Klevtsov, Ivan Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 38-41 : ill

Tallinna Sadama juht: kui õppejõududele tuleb maksta kahekordset palka, siis makstagu [Võrguväljaanne]

Kalm, Valdo aripaev.ee 2022 [Tallinna Sadama juht: kui õppejõududele tuleb maksta kahekordset palka, siis makstagu](https://www.ester.ee/record=b5687718*est)

The challenges of the digital technology era for maritime education and training

Alop, Anatoli 2019 European Navigation Conference (ENC) : Warsaw, Poland, 9-12 April, 2019 : conference book 2019 / p. 9-14
<https://doi.org/10.1109/EURONAV.2019.8714176>

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>

Thermal network simulation of heat pump aggregated energy flexibility

Plaum, Freddy 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 101-102 : ill https://www.ester.ee/record=b5504019*est

Time dimensions of job autonomy in Estonian R&D institutions

Ruubel, Raul Journal of the knowledge economy 2021 / 21 p. : ill <https://doi.org/10.1007/s13132-020-00633-5> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Toetustesüsteemi jäikus kiirendab ääremaastumist

Karo, Erkki; Juuse, Egert Postimees 2021 / Lk. 16-17 : ill <https://dea.digar.ee/article/postimees/2021/01/15/14.2>

Uku Varblane: kõrgharidusõppe suundumused ja võimalikud stsenaariumid

Varblane, Uku err.ee 2023 [Uku Varblane: kõrgharidusõppe suundumused ja võimalikud stsenaariumid](https://www.ester.ee/record=b5687718*est)

Unsettled impacts of integrating automated electric vehicles into a mobility-as-a-service ecosystem and effects on traditional transportation and ownership

Taiber, Joachim; **Sell, Raivo** 2019 <https://doi.org/10.4271/EPR2019004>

What type of research and development employees use flextime?

Virkebau, Marko; Hazak, Aaro The international journal of organizational diversity 2017 / p. 1-9 : tab <https://doi.org/10.18848/2328-6261/CGP/v17i02/1-9> [Journal metrics at Scopus](#) [Article at Scopus](#)

When would creative R&D employees like to work?

Hazak, Aaro; Ruubel, Raul; Virkebau, Marko International Journal of Organizational Analysis 2019 / p. 596 - 612
<https://doi.org/10.1108/JOA-04-2018-1409> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vibration analysis of multifunctional laminated glass panel [Online resource]

Väer, Kaur; Õnapuu, Erko; Eerme, Martin; Auriemma, Fabio; Rämmal, Hans International Conference "Functional Materials and Nanotechnologies 2017" : Tartu, Estonia in April, 24-27, 2017 : book of abstracts 2017 / p. 145
http://www.ester.ee/record=b4668793*est

Virtual energy storage model of ventilation system for flexibility service

Maask, Vahur; Rosin, Argo; Korõtko, Tarmo 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227482>

Women's (im)mobility strategies and digital platform adoption: the case study of employees doing desk work in Pune, India

Baudens, Pauline; Masso, Anu; Soe, Ralf-Martin Gender, technology and development 2023 / p. 423-443
<https://doi.org/10.1080/09718524.2023.2260651> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Väljakutsed energeetikas : [avatud platvorm energiavoogude juhtimiseks]

Korõtko, Tarmo Tehnikamaailm 2024 / lk. 74-75 : fot https://www.ester.ee/record=b1073050*est

