

Aggregated demand-side energy flexibility : a comprehensive review on characterization, forecasting and market prospects

Plaum, Freddy; Ahmadihangar, Roya; Rosin, Argo; Kilter, Jako Energy reports 2022 / p. 9344-9362

<https://doi.org/10.1016/j.egy.2022.07.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of energy models and their adaptability for Estonian energy market

Dementjeva, Nadežda; Siirde, Andres Energetika 2009 / 2, p. 107-115

Baltic Business and Socio-Economic Development 2008 : 4th International Conference : Riga, Latvia, September 30-October 2, 2008

2009 https://www.ester.ee/record=b2690571*est

Case study : utilities and asset management - time for a change

Kangilaski, Taivo 5th IEEE International Conference on Industrial Informatics : July 23-26, 2007, Vienna, Austria : conference proceedings. Volume 1 2007 / p. 579-584 <https://ieeexplore.ieee.org/document/4384822>

A comparative study of marginal loss pricing algorithms in electricity markets

Yang, Jiajia; Dong, Zhao Yang; Wen, Fushuan IET generation, transmission and distribution 2021 / 13 p. : ill

<https://doi.org/10.1049/gtd2.12030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Competition law enforcement in the contracting parties of the Energy Community - an academic perspective

Svetlicinii, Alexandr Energy Community Workshop on Competition Law Enforcement in the Energy Sector : Establishment of an Energy Community Competition Network : Energy Community Secretariat, Vienna : 23 November 2012 : Agenda 2012

<https://www.ogel.org/article.asp?key=3438>

A competitive framework for the participation of multi-microgrids in the community energy trading market: A case study

Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo; Zidane, Tekai Eddine Khalil; Agabus, Hannes; Mekhilef, Saad IEEE Access 2024 / p. 68232-68248 <https://doi.org/10.1109/ACCESS.2024.3399168> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comprehensive market mechanism for decentralized P2P energy trading platform

Zahraoui, Younes; Korötko, Tarmo; Agabus, Hannes; Rosin, Argo 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 972-977 <https://doi.org/10.1109/MELECON56669.2024.10608740>

Consolidating EU energy security by relying on energy de-politicisation

Keypour, Javad; Ahmadzade, Ulkar European Security 2022 / p. 135-157 <https://doi.org/10.1080/09662839.2021.1970538> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.eprs.2025.111823>

Day-ahead market modelling of large-scale highly-renewable multi-energy systems : analysis of the North Sea region towards 2050

Gea-Bermudez, Juan; Das, Kaushik; Koduvere, Hardi; Koivisto, Matti J. Energies 2021 / art. 88, 17 p. : ill

<https://doi.org/10.3390/en14010088> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of energy reserve optimization methodology for households with renewable power systems = Taastuva energia allikatega kodumajapidamiste energiareervi optimeerimise metoodika väljatöötamine

Auväär, Aivar 2014 http://www.ester.ee/record=b4412783*est

EcoGrid EU Bornholmi saarel - targa võrgu prototüüp

Palu, Ivo; Tuttelberg, Kaur Keskkonnatehnika 2012 / lk. 22-23 https://artiklid.elnet.ee/record=b2475308*est

Energeetikas osutub kõige kallimaks teistest sõltumine

Palu, Ivo TööstusEST 2025 / lk. 45 : portr https://www.ester.ee/record=b4481084*est

Energia sünkroonis – kuidas ja kellega?

Hamburg, Arvi Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 2-3 <https://dea.digar.ee/article/ak/2021/10/16/2.1>

Energiasektori kese nihkub tulevikus lõpptarbijate telefoni [Võrguväljaanne]

Mishra, Sambeet; Crasta, Cletus J. novaator.err.ee 2021 ["Energiasektori kese nihkub tulevikus lõpptarbijate telefoni"](https://novaator.err.ee/2021/10/16/2.1)

Energy policy in the EU and its influence on East and Central Europe

Energy trading and management strategies in a regional integrated energy system with multiple energy carriers and renewable-energy generation

Wang, Yizheng; Jiang, Chenwei; **Wen, Fushuan**; Xue, Yusheng; Chen, Fei; Zhang, Lijun; Yuan, Xiang Journal of energy engineering 2021 / p. 04020076-1-04020076-12 : ill [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000726](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000726) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonian professor : Energy prices increase won't end until war does

Klementi, Joakim news.err.ee 2022 [Estonian professor : Energy prices increase won't end until war does](#)

Euroopa Liit ja energeetika

Hamburg, Arvi Tallinna Tehnikaülikooli aastaraamat 1998 1999 / lk. 202-204

European Union Energy Security : constructing a “Shelter” for small states’ energy security preservation

Keypour, Javad Slovak Journal of Political Sciences 2022 / p. 48-78 <https://doi.org/10.34135/sjps.220103> [Journal metrics at Scopus](#) [Article at Scopus](#)

Faktikontroll küsib ekspertidelt: Kas ühe tuuliku eluiga on lühem kui elektrijaamal? Miks me ei saa CO2 turult lahkuda? [Võrguväljaanne]

Malts, Kaili epl.delfi.ee 2022 ["Faktikontroll küsib ekspertidelt: Kas ühe tuuliku eluiga on lühem kui elektrijaamal? Miks me ei saa CO2 turult lahkuda?"](#)

Growth rate of solar thermal systems in Baltic States : slow but steady wins the race?

Valančius, Rokas; Borodinecs, Anatolijs; **Kalamees, Targo**; Fokaides, Paris; Jurelionis, Andrius; Jonynas, Rolandas Energy Sources, Part B: Economics, Planning and Policy 2020 / p. 423 - 435 <https://doi.org/10.1080/15567249.2020.1813844> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of LNG on the energy market of Estonia

Purju, Alari Natural gas revolution and the Baltic Sea region 2015 / p. 160-170 : ill http://www.centrumbalticum.org/files/1910/BSR_policy_briefing_1_2015.pdf

Maritime investment appraisal: The case of waste heat recovery systems installation

Olaniyi, Eunice Omolola; Prause, Gunnar Klaus Reliability and statistics in transportation and communication : Selected Papers from the 20th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'20, 14-17 October 2020, Riga, Latvia 2021 / p. 603-612 https://doi.org/10.1007/978-3-030-68476-1_56 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Market mechanisms and trading in microgrid local electricity markets : a comprehensive review

Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo; Agabus, Hannes Energies 2023 / art. 2145, 52 p. : ill <https://doi.org/10.3390/en16052145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Odav Läti elekter pole imerohi!

Hamburg, Arvi Inseneeria 2012 / lk. 34 https://artiklid.elnet.ee/record=b2543128*est

Operation of energy systems in free market conditions

Krumm, Lembit; Valdma, Mati Energetics : from Research to Innovation : Baltic-Finnish Conference : Tallinn, 1-2 November 2001 : proceedings 2002 / p. 59-61

Operation optimization of an integrated energy service provider with ancillary service provision

Lai, Xinyi; Xie, Zhihan; Xu, Danlu; Ying, Shuyang; Zeng, Yiming; Jiang, Chenwei; Wang, Fei; **Wen, Fushuan; Palu, Ivo** Energies 2022 / art. 4376, 15 p. : ill <https://doi.org/10.3390/en15124376> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of intraday variable tariff system

Kivipõld, Tanel 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 236-237 : ill

Predictive control of multi-pump stations with variable-speed drives

Vodovozov, Valery; Raud, Zoja IET electric power applications 2017 / p. 911-917 : ill <https://doi.org/10.1049/iet-epa.2016.0361> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Profit analytics in disruption risk for electrical energy supply network considering cost-oriented big data

Fazollahtabar, Hamed; **Ahmadihangar, Roya** Energy and Environment 2024 <https://doi.org/10.1177/0958305X231225599> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A real-time simulation for P2P energy trading using a distributed algorithm

Zahraoui, Younes; Korõtko, Tarmo; Rosin, Argo; Khalil Zidane, T. E.; Mekhilef, Saad IEEE Access 2024 / p. 44135-44146
<https://doi.org/10.1109/ACCESS.2024.3369899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reinforcement learning model-based and model-free paradigms for optimal control problems in power systems: comprehensive review and future directions

Ginzburg-Ganz, Elinor; Segev, Itay; Balabanov, Alexander; Segev, Elior; Kaully Naveh, Sivan; Machlev, Ram; **Belikov, Juri;** Katzir, Liran; Keren, Sarah; Levron, Yoash Energies 2024 / art. 5307, 54 p. : ill <https://doi.org/10.3390/en17215307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Suppression of voltage flicker by saturable reactor operating under forced magnetization [Electronic resource]

Bolgov, Viktor; Järvik, Jaan EUROCON 2007 : the International Conference on Computer as a Tool : September 9-12, 2007, Warsaw, Poland : proceedings 2007 / p. 1417-1422 : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4400513>

Tallinnas arutletakse energiaturu hetkeseisu ja järgmise põlvkonna inseneridele vajalike oskuste üle [Võrguväljaanne]
am.ee 2022 "[Tallinnas arutletakse energiaturu hetkeseisu ja järgmise põlvkonna inseneridele vajalike oskuste üle](#)"

TalTechi vanemlektor: gaasi hind tõuseb energiaalternatiivide puudumisest [Võrguväljaanne]

Taklaja, Paul err.ee 2021 "[TalTechi vanemlektor: gaasi hind tõuseb energiaalternatiivide puudumisest](#)"

Turumajandus elektribörsil

Rajangu, Väino Meie Maa 2013 / lk. 2

Uuring : LNG aitab Kesk-Euroopal vabaneda Vene gaasist vaid lisaraha toel [Võrguväljaanne]

Hellerma, Juhan novaator.err.ee 2022 [Uuring: LNG aitab Kesk-Euroopal vabaneda Vene gaasist vaid lisaraha toel](#)

VEDA - moVE Data to balance the grid : research directions and recommendations for exploiting data centers flexibility within the power system

Ziaghah Ahwazi, Amin; Bordin, Chiara; **Mishra, Sambeet;** Ha, Phuong H.; Horsch, Alexander ICSCC '21: Proceedings of the 2021 6th International Conference on Systems, Control and Communications 2021 / p. 13-18 <https://doi.org/10.1145/3510362.3510365>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Эдуард Латышов: мог бы быть потолок по стоимости CO2 [Online resource]

rus.err.ee 2022 "[Эдуард Латышов: мог бы быть потолок по стоимости CO2](#)"