

Aggregator based coordinated Transactive Energy trading between Microgrids

Crasta, Cletus J.; Mishra, Sambeet; Agabus, Hannes; Palu, Ivo 2020 International Conference on Smart Grids and Energy Systems (SGES) 2020 <https://doi.org/10.1109/SGES51519.2020.00166>

An optimal model for balancing fluctuating power of large wind parks

Tammoja, Heiki; Palu, Ivo; Agabus, Hannes; Keel, Matti; Oidram, Rein 8th International Workshop on Large Scale Integration of Wind Power and on Transmission Networks for Offshore Wind Farms : Bremen, Germany, 14-15 October, 2009 2009 / p. 647-652

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>

Blockchain for EU electricity market

Crasta, Cletus J.; Agabus, Hannes; Palu, Ivo 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Madrid, Spain, 9-12 June 2020 : proceedings 2020 / 6 p <https://doi.org/10.1109/EEEIC/ICPSEurope49358.2020.9160575>

Campulse - TalTechi digilinnaku süda

Agabus, Hannes Mente et Manu 2022 / lk. 34-35 : ill https://www.ester.ee/record=b1242496*est

Campulse toob ülikooli energiaandmed kokku

Agabus, Hannes Mente et Manu 2021 / lk. 32 : ill [Mente et Manu 2/2021](https://www.ester.ee/record=b1242496*est)

CO2 emission reduction options for Estonia

Landsberg, Mart; Agabus, Hannes; Liik, Olev 3rd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 16-21, 2006 2006 / p. 112-119 : ill

CO2 emission reduction options for Estonia

Landsberg, Mart; Agabus, Hannes Tarptautines konferencijas Elektros ir valdymo technologijos - 2006 : pranešimu medžiaga = Proceedings of International Conference Electrical and Control Technologies - 2006 2006 / p. 405-410 : ill

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

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

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

Crasta, Cletus J.; Agabus, Hannes 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 / 8 p. : ill <https://doi.org/10.1109/PQ.2019.8818242>

Digital twins for designing energy management systems for microgrids: Implementation example based on TalTech Campulse project

Korõtko, Tarmo; Zahraoui, Younes; Rosin, Argo; Agabus, Hannes 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227475>

Eesti elektri tarbimiskaja ja tootva tarbimise simulatsioonianalüüs : uuringuaruanne

Kisel, Einari; Kuhi-Thalfeldt, Reeli; Agabus, Hannes; Vesioja, Kaija 2024 https://arenguseire.ee/wp-content/uploads/2024/06/2024_eeesti-elektri-tarbimiskaja-ja-tootva-tarbimise-simulatsioonianaluus_uuring.pdf

Estimation of wind power production through short-term forecast

Agabus, Hannes; Tammoja, Heiki Oil shale 2009 / 3S, p. 208-219 : ill https://artiklid.elnet.ee/record=b1483751*est

EU electricity market design issues and solutions for increased RES penetration

Crasta, Cletus J.; Agabus, Hannes; Palu, Ivo 2020 17th International Conference on the European Energy Market (EEM 2020) 2020 <https://doi.org/10.1109/EEM49802.2020.9221997>

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

Maask, Vahur; Agabus, Hannes; Tiismus, Hans; Astapov, Victor; Ahmadiyahangar, Roya; Korõtko, Tarmo; Rosin, Argo

Hannes Agabus ja Hardi Koduvere: loomulikku rada kulgev Põxit [Võrguväljaanne]

Agabus, Hannes; Koduvere, Hardi postimees.ee 2019 / fot [Hannes Agabus ja Hardi Koduvere: loomulikku rada kulgev Põxit](#)

Hiiumaa large-scale offshore wind park integration into Estonian grid

Agabus, Hannes; Tammoja, Heiki; Palu, Ivo Proceedings [of] 7th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Farms : 26-27 May, 2008, Madrid, Spain 2008 / p. 498-501 : ill

Large-scale integration of wind energy into the power system considering the uncertainty information = Elektrituulikute integreerimine energiasüsteemi arvestades informatsiooni mittetäielikkust

Agabus, Hannes 2009 http://www.ester.ee/record=b2508634*est

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

Zahraoui, Younes; Korõtko, 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](#)

Meretuuleparke plaanitakse rohkem kui võrk kannatab

Klementi, Joakim; Pott, Toomas err.ee 2023 [Meretuuleparke plaanitakse rohkem kui võrk kannatab](#)

Numerical demonstration of a transactive energy trading model for microgrids

Crasta, Cletus J.; Mishra, Sambeet; Agabus, Hannes; Palu, Ivo; Wen, Fushuan IET renewable power generation 2022 / p. 792-806 <https://doi.org/10.1049/rpg2.12431> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal Investment strategies for energy sector under uncertainty

Landsberg, Mart; Agabus, Hannes; Liik, Olev 3rd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 16-21, 2006 2006 / p. 120-127 : ill

Planned wind farm developments exceed grid capacity

Klementi, Joakim; Agabus, Hannes news.err.ee 2023 [Planned wind farm developments exceed grid capacity](#)

Possibilities and analysis of integration of large-scale offshore wind parks into Estonian power system

Kilter, Jako; Tšernobrovkin, Oleg; Landsberg, Mart; Agabus, Hannes; Palu, Ivo 8th International Workshop on Large Scale Integration of Wind Power and on Transmission Networks for Offshore Wind Farms : Bremen, Germany, 14-15 October, 2009 2009 / p. 624-629

Possibilities to develop the use of renewable energy and co-generation in Saaremaa

Landsberg, Mart; Agabus, Hannes; Liik, Olev 2nd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Kuressaare, Estonia, January 17-22, 2005 2005 / p. 113-118 : ill., map

Possibilities to develop the use of wind energy in Saaremaa island

Liik, Olev; Landsberg, Mart; Ojangu, Jaanus; Kilk, Kalle; Agabus, Hannes Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2005 / p. 86-93 : ill

Possible uses of blockchain technology in the power markets

Agabus, Hannes 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 65-66
https://www.ester.ee/record=b5183874*est

Potential Assessment of Closed Distribution System Uptake in Estonia

Agabus, Hannes; Korõtko, Tarmo; Kull, Katrin; Rosin, Argo; Palu, Ivo 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227469>

Power quality in weak grids containing wind turbines

Palu, Ivo; Agabus, Hannes; Oidram, Rein 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 125-130 : ill

Problems related to grid connection in Pakri Wind Park

Oidram, Rein; Landsberg, Mart; Agabus, Hannes; Attikas, Raivo; Ojangu, Jaanus; Palu, Ivo Nordic Wind Power Conference - NWPC'2006 : Grid Integration and Electrical Systems of Wind Turbines and Wind Farms : 22-23 May 2006, Hanasaari, Espoo, Finland 2006 / [4] p. : ill

Reduction of CO2 emissions in Estonia during 2000-2030

Agabus, Hannes; Landsberg, Mart; Tammoja, Heiki Oil shale 2007 / p. 209-224 : ill
https://www.researchgate.net/publication/228625117_Reduction_of_CO2_sub_2_emissions_in_Estonia_during_2000-2030

Taastuvenergia võimalused Eestis ja Saaremaal : [slaidietekanne]

Landsberg, Mart; Agabus, Hannes; Liik, Olev Ühisseminar "Tallinna Tehnikaülikoolilt ettevõtlusele" : 18. jaanuaril 2005 SPA hotellis Meri [Kuressaares : ettekannete mapp] 2005 / 5 l. : ill

There may not always be enough cheap Nordic power for Estonia

Доступность дешевого скандинавского электричества для Эстонии может оказаться не бесконечной
Klementi, Joakim news.err.ee 2023 [There may not always be enough cheap Nordic power for Estonia](#) [Доступность дешевого скандинавского электричества для Эстонии может оказаться не бесконечной](#)

Wind energy intecration impact on power quality in Estonia

Palu, Ivo; Agabus, Hannes European Wind Energy Conference 2007 : Milano, Italia, 8-10 May 2007 2007 / ? p

Wind power production estimation through short-term forecasting

Agabus, Hannes 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 119-123 : ill

Планируемые морские ветропарки превышают возможности энергосистемы

Klementi, Joakim rus.err.ee 2023 [Планируемые морские ветропарки превышают возможности энергосистемы](#)