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Euroopa kobab pimeduses: miks kadus Lõuna-Euroopas ootamatult elekter?

Kivi, Krister postimees.ee 2025 <https://majandus.postimees.ee/8241615/luubi-all-euroopa-kobab-pimeduses-miks-kadus-louna-euroopas-ootamatult-elekter>

Euroopa standardi EN 50160 rakendusjuhend = Guide for the application of the European Standard EN 50160

[Võrguteavik]

2014

Experiences with dynamic PMU compliance testing using standard relay testing equipment [Electronic resource]

Kilter, Jako; Palu, Ivo; Almas, Muhammad Shoaib; Vanfretti, Luigi 2015 IEEE Power and Energy Society Innovative Smart Grid Technologies Conference (ISGT 2015) : 18-20 February 2015, Washington, DC, USA 2015 / [5] p. : ill. [USB]
<http://dx.doi.org/10.1109/ISGT.2015.7131833>

Experiences with steady-state PMU compliance testing using standard relay testing equipment

Almas, Muhammad Shoaib; Kilter, Jako; Vanfretti, Luigi PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 103-110 : ill

Exponential to ZIP and ZIP to exponential load model conversion : methods and error

Leinakse, Madis; Kilter, Jako IET generation, transmission & distribution 2021 / p. 177-193 <https://doi.org/10.1049/gtd2.12002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fault simulation and analysis of high-voltage circuit breaker's spring charging mechanism using a universal motor model

Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Kilter, Jako; Sardar, Muhammad Usman 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p
<https://doi.org/10.1109/RTUCON62997.2024.10830846>

First results on load model estimation using digital fault recorder measurements

Leinakse, Madis; Sarnet, Tanel; Kangro, Triin; Kilter, Jako 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 101-105 : ill http://www.ester.ee/record=b4650094*est

Forecasting Corona Losses on High Voltage Transmission Lines Using Machine Learning

Gupta, Pradeep Kumar; Tuttlberg, Kaur; Kilter, Jako IEEE transactions on power delivery 2025 / p. 2696-2705
<https://doi.org/10.1109/TPWRD.2025.3593923>

Future power system out-of-step protection concept utilizing synchronized phasor measurements = Tuleviku elektrisüsteemi faasimõõtmistel põhinev sünkronismikaotuskaitse kontseptsioon

Tealane, Marko 2023 <https://doi.org/10.23658/taltech.9/2023> <https://digikogu.taltech.ee/et/Item/159731eb-e93e-4892-875f-3806cd16e64c>
https://www.ester.ee/record=b5542953*est

Future system challenges in Europe. Contributions to solutions from connection network codes

Urdal, Helge; Martinez Villanueva, Sergio; Kilter, Jako; Jahn, Jörg; Sprooten, Jonathan; Baranauskas, Audrius 2016 CIGRE USNC International Colloquium on Evolution of Power System Planning to Support Connection of Generation, Distributed Resources and Alternative Technologies : 02-03 November 2016, Philadelphia, USA : proceedings 2016 / p. 1-8 : ill

A Gramian-based tool for modeling converter-dominated power systems

de Morais Dias Campos, Nathalia; Sarnet, Tanel; Kilter, Jako IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863396>

Guidelines for power quality monitoring – results from CIGRE/CIREN JWG C4.112

Kilter, Jako; Elphick, Sean; Meyer, Jan; Milanovic, Jovica V. Proceedings of 2014 16th International Conference on Harmonics and Quality of Power (ICHQP) : University POLITEHNICA of Bucharest, Bucharest, Romania, 25-28 May 2014 2014 / p. 703-707 : tab

Guidelines for power quality monitoring : measurement locations, processing and presentation of data

Milanovic, Jovica V.; Kilter, Jako 2014

Harku Estlink 1 ja Kiisa AREJ-de koostöö uuring

Kilter, Jako; Sarnet, Tanel 2023

Harmonic emissions of power electronic devices under different transmission network operating conditions

Božicek, Ambrož; Kilter, Jako; Sarnet, Tanel; Papic, Igor; Blažis, Boštjan IEEE transactions on industry applications 2018 / p. 5216-5226 : ill <https://doi.org/10.1109/TIA.2018.2808478> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Harmonic levels of domestic and electrical vehicle loads in residential distribution networks

Niitsoo, Jaan; Kilter, Jako; Palu, Ivo; Taklaja, Paul; Kütt, Lauri Proceedings of IEEE AFRICON 2013 Conference : 9-12 September 2013, Mauritius 2013 / p. 184-188 <https://doi.org/10.1109/AFRICON.2013.6757800> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Health index prediction of overhead transmission lines : a machine learning approach

Manninen, Henri; Kilter, Jako; Landsberg, Mart IEEE transactions on power delivery 2022 / p. 50-58
<https://doi.org/10.1109/TPWRD.2021.3052721> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High voltage circuit breaker charging motor's condition monitoring - importance, possibilities, and challenges

Asad, Bilal; Sardar, Muhammad Usman; Vaimann, Toomas; Kallaste, Ants; Asefi, Sajjad; Kilter, Jako 2024 International Conference on Diagnostics in Electrical Engineering (Diagnostika) 2024 / 7 p <https://doi.org/10.1109/Diagnostika61830.2024.10693906>

High voltage circuit breaker health index Evaluation considering measurement accuracy

Asefi, Sajjad; Kilter, Jako; Shayesteh, Ebrahim; Hilber, Patrik; Lindquist, Tommie IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863019>

High-frequency current sensor for power network on-line measurements

Kütt, Lauri; Järvik, Jaan; Vaimann, Toomas; Shafiq, Muhammad; Lehtonen, Matti; Kilter, Jako Proceedings of the 13th International Scientific Conference Electric Power Engineering 2012 : EPE 2012 : Brno. Vol. 1 2012 / p. 367-371 : ill
https://www.researchgate.net/publication/262674502_High-Frequency_Current_Sensor_for_Power_Network_On-line_Measurements

A holistic D-PMU optimal placement framework considering pragmatic constraints in smart grids

Farhizadan, Mohammadreza; Karrari, Mehdi; Gharehpetian, Gevorg B.; Ahmadihangar, Roya; Kilter, Jako; Rosin, Argo IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 7 p.
<https://doi.org/10.1109/CPE-POWERENG54966.2022.9880881>

A holistic risk-based maintenance methodology for transmission overhead lines using tower specific health indices and value of loss load

Manninen, Henri; Kilter, Jako; Landsberg, Mart International journal of electrical power and energy systems 2022 / art. 107767 ; 11 p. : ill <https://doi.org/10.1016/j.ijepes.2021.107767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

HVDC connection of offshore wind power plants

Elahi, H.; Kilter, Jako; Ebner, G. 2015

Identification of intra-day variations of static load characteristics based on measurements in high-voltage transmission network

Leinakse, Madis; Kiristaja, Hendrik; Kilter, Jako 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), Sarajevo, Bosnia and Herzegovina, October 21-25, 2018 : proceedings 2018 / 6 p
<https://doi.org/10.1109/ISGTEurope.2018.8571712>

Impact of distributed generation on estimation of exponential load models

Leinakse, Madis; Tani, Pärtel; Kilter, Jako 2019 IEEE Power & Energy Society General Meeting (PESGM) 2019 / 5 p. : ill
<https://doi.org/10.1109/PESGM40551.2019.8974014>

Impact of voltage instrument transformers on the accuracy of harmonic measurements in a 330 kV transmission grid

Meyer, Jan; Stiegler, Robert; Schegner, Peter; **Kilter, Jako** Instrument Transformer Measurement Forum (ITMF) : October 13-15, 2015, Feldkirch, Austria 2015

Impacts of large scale wind integration on the Baltic region's thermal power plant economics and electricity market in 2025 [Electronic resource]

Drovtar, Imre; Landsberg, Mart; Kilter, Jako; Rosin, Argo SPEEDAM 2012 : Sorrento (Italy) - June 20-22, 2012 : 21st edition of the International Symposium on Power Electronics, Electrical drives, Automation and Motion 2012 / p. 684-689 : ill [CD-ROM]
https://www.researchgate.net/publication/261155311_Impacts_of_large_scale_wind_integration_on_the_baltic_region's_thermal_power_plant_economics_and_electricity_market_in_2025

Incorporating service type in aging failure model of high voltage circuit breaker

Asefi, Sajjad; Kilter, Jako; Landsberg, Mart 2023 27th International Conference Electronics : proceedings 2023 / 5 p
<https://doi.org/10.1109/IEEECONF58372.2023.10177602>

Industrial CHP optimal management in the energy market under incomplete information

Uuemaa, Priit; Drovtar, Imre; Kilter, Jako 2014 IEEE Innovative Smart Grid Technologies Conference - Asia (ISGT ASIA) Conference : May 20-23, 2014, Berjaya Times Square Hotel, Kuala Lumpur 2014 / p. 383-387 : ill

Influence of electric railway system on voltage unbalance distribution between high voltage and low voltage electrical networks

Sarnet, Tanel; Kilter, Jako; Palu, Ivo Electrical and control technologies : proceedings of the 8th International Conference on Electrical and Control Technologies ECT-2013 : Kaunas, Lithuania, 2-3 May 2013 2013 / p. 168-171
https://www.researchgate.net/publication/290247556_Influence_of_electric_railway_system_on_voltage_unbalance_distribution_between_high_voltage_and_low_voltage_electrical_networks

Influence of system protection to Estonian power system security

Kilter, Jako; Reinson, Andrus; Kraav, Rein PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 23-28 : ill

Info-gap-based optimization of microgrids integrated with power, cooling and hydrogen generation units

Mahmoudnezhad, Fayeze; Mirzaei, Mohammad Amin; Plaum, Freddy; Ahmadiyahangar, Roya; Kilter, Jako; Rosin, Argo 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 7 p
<https://doi.org/10.1109/CPE-POWERENG54966.2022.9880860>

Integrating Attention-Based LSTM with XGBoost for Improved Residential DC Load Forecasting

Shabbir, Noman; Shahid, Arqum; Daniel, Kamran; Rosin, Argo; Kilter, Jako; Martins, Joao 2025 IEEE International Conference on Energy Technologies for Future Grids (ETFG) 2025

Integration of Wide Area Monitoring technology and enhancement of power system reliability in Baltic power system

Kilter, Jako; Reinson, Andrus 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 41-46 : map

Jaotusvõrgud

Meldorf, Mati; Tammoja, Heiki; Treufeldt, Ülo; Kilter, Jako 2007 https://www.ester.ee/record=b2347094*est

Keskmişed jõutrafod sagedusele 50 Hz seadme suurima lubatava kestevpingega mitte üle 36 kV. Osa 1, Üldnõuded [Võrguteavik] = Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV. Part 1, General requirements

2017 http://www.ester.ee/record=b4767645*est

Kõrgepingeline lülitis- ja juhtimisaparatuur. Osa 1, Vahelduvvoolu lülitis- ja juhtimisaparatuuri üldliigitus [Võrguteavik] = High-voltage switchgear and controlgear. Part 1, Common specifications for alternating current switchgear and controlgear (IEC 62271-1:2017)

2017 http://www.ester.ee/record=b4768187*est

Large scale electric vehicle integration and its impact on the Estonian power system

Drovtar, Imre; Rosin, Argo; Landsberg, Mart; Kilter, Jako IEEE PowerTech 2013, Grenoble, France, 16-20 June 2013 :

proceedings 2013 / [6] p

https://www.researchgate.net/publication/261398872_Large_scale_electric_vehicle_integration_and_its_impact_on_the_Estonian_power_system

Large-scale wind integration impact on the Baltic region's electricity market participants in 2025 - with and without RES subsidies

Drovtar, Imre; Landsberg, Mart; Kilter, Jako; Rosin, Argo 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 117-121 : ill

Load control implementation in the energy intensive industry

Uuemaa, Priit; Valtin, Juhan; Kilter, Jako; Puusepp, Allan; Drovtar, Imre; Rosin, Argo 17th IEEE Mediterranean Electrotechnical Conference, Beirut, Lebanon, 13-16 April 2014 2014 / p. 213-218 : ill <https://doi.org/10.1109/MELCON.2014.6820534> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Madalpingevõrkudes kasutatavate seadmete isolatsiooni koordineerimine. Osa 3, Ühe- ja kahepoolsete pinnakatete ning kompaundivormide kasutamine saastekaitseks = Insulation coordination for equipment within low-voltage systems. Part 3, Use of coating, potting or moulding for protection against pollution (IEC 60664-3:2003/A1:2010)

2011 https://www.ester.ee/record=b2743110*est

Magnetic current sensor stray components in high frequency operation and their effects

Kütt, Lauri; Järvik, Jaan; Mölder, Heigo; Kilter, Jako; Shafiq, Muhammad Conference proceedings : 2012 11th International Conference on Environment and Electrical Engineering : Venice, Italy, 18-25 May 2012 2012 / p. 617-620 : ill

<https://ieeexplore.ieee.org/abstract/document/6221451>

Maximum risk calculation process for individual substation equipment in primary side

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863055>

Measurement and operation based condition monitoring methodology for high voltage circuit breakers

Asefi, Sajjad; Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Kalmet, Tauri; Manninen, Henri; Landsberg, Mart 2022 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe) : proceedings 2022 / Art. 184786

<https://doi.org/10.1109/ISGT-Europe54678.2022.9960521>

Methodology for forecasting the cost of substation asset management in upcoming future

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart 2024 IEEE International Conference on Power and Energy (PECon) 2024 / p. 185-190 <https://doi.org/10.1109/PECon62060.2024.10826804>

MIGRATE - research enabling 100% renewable generation in future power systems

Löper, Mari; Kangro, Triin; Tuttelberg, Kaur; Tealane, Marko; Kilter, Jako 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 175-181 : ill http://ise.elnet.ee/record=b2950104~S2*est

Modal transformation matrices for phasor measurement based line parameter estimations

Tuttelberg, Kaur; Kilter, Jako International Conference on Power Systems Transients (IPST 2015) : 15th-18th of June 2015, Cavtat, Croatia 2015 / [6] p. : ill

Model verification for analysis of wind power impact to transient stability in isolated power system using combined relay protection and dynamics modelling approach

Maripuu, Rain; Tsernobrovkin, Oleg; Palu, Ivo; Kilter, Jako PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 169-174 : ill

<https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6256222>

Modeling and analysis of the synchronous generators excitation systems

Slenduhhov, Vadim; Kilter, Jako 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. 252-257 : ill

Modeling and analysis of voltage unbalance and its influence on transmission network and power quality

Sarnet, Tanel; Kilter, Jako Electrical and Control Technologies : proceedings of the 7th International Conference on Electrical and Control Technologies ECT-2012 2012 / p. 179-182 : ill

Modelling and estimation of distribution network operation

Kilter, Jako; Meldorf, Mati Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2007 / p. 103-108 : ill

Modelling of distribution level coreless induction furnace for rapid voltage change assessment

Trummal, Tarmo; Sarnet, Tanel; Kilter, Jako Electric power systems research 2021 / art. 107151

<https://doi.org/10.1016/j.epsr.2021.107151> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling of high-speed electrical railway system for transmission network voltage quality analysis : Rail Baltic case study

Kilter, Jako; Sarnet, Tanel; Kangro, Triin PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 323-328 : ill

Monitoring of electrical distribution network operation = Jaotusvõrgu talitluse seire

Kilter, Jako 2009 https://www.ester.ee/record=b2498170*est

Monitoring of the distribution network operation

Kilter, Jako; Meldorf, Mati Proceedings of 4th IASME/WSEAS International Conference on Energy & Environment (EE'09) : Cambridge, UK, February 24-26, 2009 2009 / p. 263-268

Multi-stage deep learning networks for automated assessment of electricity transmission infrastructure using fly-by images

Manninen, Henri; Ramlal, Craig J.; Singh, Arvind; Kilter, Jako; Landsberg, Mart Electric power systems research 2022 / art. 107948 <https://doi.org/10.1016/j.epsr.2022.107948> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mõõtetrafod. Osa 1, Voolutrafod = Instrument transformers. Part 1, Current transformers (IEC 60044-1:1996, modified)

2010 https://www.ester.ee/record=b2646205*est

Mõõtetrafod. Osa 3, Lisanõuded induktiivpingetrafodele = Instrument transformers. Part 3, Additional requirements for inductive voltage transformers (IEC 61869-3:2011)

2012 https://www.ester.ee/record=b2896163*est

Mõõtetrafod. Osa 4, Lisanõuded ühitatud trafodele [Võrguteavik] = Instrument transformers. Part 4, Additional requirements for combined transformers (IEC 61869-4:2013)

2015 http://www.ester.ee/record=b4502348*est

National implementation challenges and support by ENTSO-E for European connection network codes

Urdal, Helge; Haesen, E.; **Kilter, Jako** 14th Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants : 20-22 October 2015, Brussels, Belgium : proceedings 2015

National Implementation in Estonia of COMMISSION REGULATION (EU) 2016/631 of 14 April 2016 establishing a network code on requirements for grid connection of generators

Kilter, Jako 15th Wind Integration Workshop : International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants : 15-17 November 2016, Vienna, Austria 2016 / p. 1-6

Non-intrusive defects identification for the high voltage instrument transformers

Asefi, Sajjad; Kilter, Jako; Landsberg, Mart 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227493>

Novel gramian-based structure-preserving model order reduction for power systems with high penetration of power converters

de Morais Dias Campos, Nathalia; Sarnet, Tanel; Kilter, Jako IEEE transactions on power systems 2023 / p. 5381-5391 <https://doi.org/10.1109/TPWRS.2022.3228458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nõuded jaotusvõrkudega paralleelselt ühendatud tootmisüksustele. Osa 2, Ühendus keskpingejaotusvõrguga.

Tootmisüksused kuni tüübini B (kaasa arvatud) [Võrguteavik] = Requirements for generating plants to be connected in parallel with distribution networks. Part 2, Connection to a MV distribution network. Generating plants up to and including Type B

2021 https://www.ester.ee/record=b5480840*est

Nõuded jaotusvõrkudega paralleelselt ühendatud tootmisüksustele. Osa 1, Ühendus madalpingejaotusvõrguga.

Tootmisüksused kuni tüübini B (kaasa arvatud) [Võrguteavik] = Requirements for generating plants to be connected in parallel with distribution networks. Part 1, Connection to a LV distribution network. Generating plants up to and including Type B

2021 https://www.ester.ee/record=b5428205*est

Online detection of out-of-step condition using PMU-determined system impedances

Tealane, Marko; Kilter, Jako; Popov, Marjan; Bagleybter, Oleg; Klaar, Danny IEEE Access 2022 / p. 14807-14818

<https://doi.org/10.1109/ACCESS.2022.3149103> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal introduction of a nuclear power plant in Estonia under uncertain conditions

Landsberg, Mart; **Tammoja, Heiki; Kilter, Jako** 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 211-216 : ill

Optimal placement of branch PMUs for specified redundancy and line observability

Tuttelberg, Kaur; Kilter, Jako 2015 IEEE Power & Energy Society General Meeting (PESGM 2015) : Denver, CO, USA, July 26-30, 2015 / [5] p. : ill <http://dx.doi.org/10.1109/PESGM.2015.7286453>

Optimal reactive power control in a multi-machine thermal power plant

Trummal, Tarmo; Andreesen, Guido; Kilter, Jako 2020 21st International Scientific Conference on Electric Power Engineering (EPE), October 19-21, 2020, Prague, Czech Republic 2020 <https://doi.org/10.1109/EPE51172.2020.9269239>

Out-of-step protection based on discrete angle derivatives

Tealane, Marko; Kilter, Jako; Bagleybter, Oleg; Heimisson, Birkir; Popov, Marjan IEEE Access 2022 / p. 78290-78305

<https://doi.org/10.1109/ACCESS.2022.3193390> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phasor measurement units performance assessment during power system disturbances using real-time digital simulator

Trummal, Tarmo; Kilter, Jako; Löper, Mari; Palu, Ivo 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 8 p. : ill <https://doi.org/10.1109/PQ.2019.8818247>

Pingemuunduritega alalisvoolusüsteemide terminoloogia [Võrguteavik] = Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems (IEC 62747:2014+IEC 62747:2014/A1:2019)

2020 https://www.ester.ee/record=b5352701*est

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

Predicting frequency disturbances from wide area monitoring of ambient power system dynamics

Tuttelberg, Kaur; Kilter, Jako 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), Sarajevo, Bosnia and Herzegovina, October 21-25, 2018 : proceedings 2018 / 6 p <https://doi.org/10.1109/ISGTEurope.2018.8571711>

Preliminary study on comparative load modelling in PSS/E and PSCAD

Leinakse, Madis; Kapp, Henry; Kilter, Jako 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 197-199 : ill http://ise.elnet.ee/record=b2950110~S2*est

Presentation of the European project MIGRATE

Grasset, H.; Popov, M.; Zargar, B.; **Kilter, Jako** Eight Protection, Automation and Control (PAC) World Conference : Wroclaw, Poland, 27-29 June 2017 2017 / p. THA05, [6] p

Processing and filtering digital fault recorder events for load model estimation

Leinakse, Madis; Kilter, Jako 2021 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 8-21 October, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISGTEurope52324.2021.9640026>

Purtse hybrid power plant common plant controller algorithm

Sarnet, Tanel; Kilter, Jako 2023

Purtse hybrid power plant connection studies and Grid Code compliance assessment

Kilter, Jako; Sarnet, Tanel 2023

Purtse hybrid power plant PSCAD and PSS/E models

Kilter, Jako; Sarnet, Tanel 2023

Puust ja punaseks: mida Venemaa sagedusalast lahkumine tähendab?

Piir, Rait novaator.err.ee 2025 [Puust ja punaseks: mida Venemaa sagedusalast lahkumine tähendab?](#)

Quantification of corona discharge intensity applied to sphere-plane configurations

Gupta, Pradeep Kumar; Ruiz, Jordi-Roger Riba; Tuttelberg, Kaur; Kilter, Jako IEEE Transactions on Dielectrics and Electrical Insulation 2025 <https://doi.org/10.1109/TDEI.2025.3562196>

Rahvusvaheline elektrotehnika sõnastik. Osa 321, Mõõtetrafod [Võrguteavik] = International Electrotechnical Vocabulary. Chapter 321, Instrument transformers (IEC 60050-321:1986)

2017 http://www.ester.ee/record=b4770371*est

Rahvusvaheline elektrotehnika sõnastik. Osa 421, Jõutrafod ja reaktorid [Võrguteavik] = International Electrotechnical Vocabulary. Chapter 421, Power transformers and reactors (IEC 60050-421:1990) / Eesti Standardikeskus

2017 http://www.ester.ee/record=b4751512*est

Rahvusvaheline elektrotehnika sõnastik. Osa 436, Jõukondensaatorid [Võrguteavik] = International Electrotechnical Vocabulary. Chapter 436, Power capacitors (IEC 60050-436:1990)

2017 http://www.ester.ee/record=b4770422*est

Rahvusvaheline elektrotehnika sõnastik. Osa 448, Elektrisüsteemi kaitse [Võrguteavik] = International Electrotechnical Vocabulary. Part 448, Power system protection (IEC 60050-448:1995)

2017 http://www.ester.ee/record=b4771190*est

Rahvusvaheline elektrotehnika sõnastik. Osa 614, Elektri tootmine, ülekandmine ja jaotamine. Käit [Võrguteavik] = International Electrotechnical Vocabulary (IEV). Chapter 614, Generation, transmission and distribution of electricity. Operation (IEC 60050-614:2016)

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