

About suitability of condensing power plants to power distribution system

Astapov, Victor; Šuvalova, Jelena 4th International Youth Conference on Energy : 6-8 June, 2013, Siófok, Hungary : [proceedings] 2013 / [5] p. : ill

AI applications for power quality issues in distribution systems : A systematic review

Nabian Dehaghani, Mitra; Korótko, Tarmo; Rosin, Argo IEEE Access 2025 / p. 18346-18365 2025
<https://doi.org/10.1109/ACCESS.2025.3533702>

Air-core inductive current sensor for fast transients measurements in distribution networks

Kütt, Lauri; Järvi, Jaan; Kilter, Jako; Shafiq, Muhammad; Lehtonen, Matti PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 249-252 : ill
https://www.researchgate.net/publication/261507011_Air-core_inductive_current_sensor_for_fast_transients_measurements_in_distribution_networks

Algorithm for reconfiguration of urban distribution network

Priman, Sigmar Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2005 / p. 49-54 : ill

Analysis of peak shaving of utility networks loads with electric vehicles connected to distribution substations

Mägi, Marek 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. 184-191 : ill

Analysis of the traction system impact on voltage unbalance distribution in public electric networks

Sarnet, Tanel; 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. 238-241 : ill

Assessing uncertainty in the optimal placement of distributed generators in radial distribution feeders

Gautam, Rupesh; Khadka, Srijan; Malla, Tanus Bikram; **Bhattarai, Abhinav;** Shrestha, Ashish; Gonzalez-Longatt, Francisco Electric power systems research 2024 / art. 110249, 13 p. : ill <https://doi.org/10.1016/j.eprsr.2024.110249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of transmission network voltage unbalance in connection of high-speed electrical railway connection

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. 329-334 : ill

Avalike elektrivõrkude pinge tunnussuured = Voltage characteristics of electricity supplied by public electricity networks

2011 https://www.ester.ee/record=b2743062*est

Bidirectional SSCB for residential DC microgrids with reduced voltage and current stress during fault interruption

Aditya, P.; Banavath, Satish Naik; Lidozzi, Alessandro; **Chub, Andrii; Vinnikov, Dmitri** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227379>

Calculating power distribution system reliability indexes from Smart Meter data

Kuhi, Kristjan; Kõrbe Kaare, Kati; Koppel, Ott; Palu, Ivo 2016 IEEE International Energy Conference (ENERGYCON) : [Leuven, Belgium, 4-8 April 2016] 2016 / [5] p. : ill <https://doi.org/10.1109/ENERGYCON.2016.7513905>

Capacity reliability of water distribution systems

Vaabel, Joonas; Koppel, Tiit; Ainola, Leo; Sarv, Laur Journal of Hydroinformatics 2014 / p. 731-741
<https://doi.org/10.2166/hydro.2013.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Case study of non-linear PV inverter devices attached to the LV distribution network

Vinnal, Toomas; Puusepp, Hardi; Shabbir, Noman; Kütt, Lauri; Iqbal, Muhammad Naveed Agronomy research 2020 / p. 2639-2652 : ill <https://doi.org/10.1515/AR.20.233> <https://dspace.emu.ee/xmlui/handle/10492/5955> [Journal metrics at Scopus](#) [Article at Scopus](#)

Comparison of operating modes of air-core inductive sensors for partial discharge on-line diagnostics in medium voltage networks

Kütt, Lauri; Shafiq, Muhammad; Lehtonen, Matti; **Mölder, Heigo; Järvi, Jaan** Digest book and electronic proceedings : 54th International Scientific Conference of Riga Technical University : Section of Power and Electrical Engineering 2013 / p. 29.1-29.6 : ill
<https://research.aalto.fi/en/publications/comparison-of-operating-modes-of-air-core-inductive-sensors-for-p>

A control strategy for a grid-connected PV system with unbalanced loads compensation

Fernao Pires, Vitor; **Husev, Oleksandr; Vinnikov, Dmitri;** Martins, Joao 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 154-159 : ill <https://doi.org/10.1109/CPE.2015.7231065>

Current stabilization for improving electromagnetic compatibility of highly varying loads by use of saturable reactor [Electronic resource]

Bolgov, Viktor Proceedings of 5th International Conference 2007 : Compatibility in Power Electronics : 29 May - 1 June 2007, Gdynia, Poland 2007 / [7] p. : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4296554>

Defektide ja rikete seoste analüüs : lepingu Lep16039 aruanne [Võrguväljaanne]

Palu, Ivo; Keel, Matti; Tammoja, Heiki 2016 https://www.elektrilevi.ee/-/doc/6305157/ettevottest/defektide_rikete_aruanne.pdf

Description of practical load harmonic current emission due to voltage harmonic variation

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2021 / p. 1–6 <https://doi.org/10.1109/RTUCON53541.2021.9711594>

Design and analysis of large scale data acquisition in power distribution network

Deksnys, Vytautas; Nakutis, Žilvinas BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 337-340: ill

Development and control of energy exchange processes between electric vehicle and utility network = Elektriauto energiasalvesti ja elektri jaotusvõrgu energiasalvestusprotsesside uurimine ja juhtimine

Mägi, Marek 2013 https://www.ester.ee/record=b2966194*est

Directional calibration of rogowski coil for localization of partial discharges in smart distribution networks

Shafiq, Muhammad; Kütt, Lauri; Isa, M.; Hashmi, M.; Lehtonen, Matti International review of electrical engineering 2012 / p. 5881-5890

https://www.researchgate.net/publication/262703688_Directional_Calibration_of_Rogowski_Coil_for_Localization_of_Partial_Discharges_in_Smart_Distribution_Networks

Distorted load impacts on distribution grid [Electronic resource]

Niitsoo, Jaan; Palu, Ivo Proceedings of the 12th International Scientific Conference Electric Power Engineering 2011, Kouty nad Desnou, Czech Republic, May 17-19, 2011 2011 / p. 37-40 : ill. [CD-ROM]

Effectiveness analysis of microgrid modules

Peterson, Kristjan 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. 146-148 : ill

Effects of PV microgeneration on rural LV network voltage quality - harmonics and unbalance

Hürmeýdan, Semih; Rosin, Argo; Vinnal, Toomas PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 97-100 : ill <https://doi.org/10.1109/PQ.2016.7724096>

Effects of PV microgeneration on rural LV network voltage quality [Online resource]

Hürmeýdan, Semih; Rosin, Argo; Vinnal, Toomas; Jagomägi, Andri 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : October 13, 14, 2016 : conference proceedings 2016 / [4] p. : ill <https://doi.org/10.1109/RTUCON.2016.7763083>

Electric field distribution in glass and porcelain pin insulators [Electronic resource]

Taklaja, Paul; Kiitam, Ivar; Niitsoo, Jaan; Hyvönen, Petri; Klüss, Joni 2015 IEEE 15th International Conference on Environment and Electrical Engineering : conference proceedings : June 10-13, 2015, Rome 2015 / p. 267-271 : ill. [CD-ROM] <http://dx.doi.org/10.1109/EEFIC.2015.7165550>

Elektrilevi investeeringutest ja võrgu katkestustest

Rajangu, Väino Elektriala 2015 / lk. 28 https://artiklid.elnet.ee/record=b2738903*est

Elektroenergeetika magistrandid otsisid oma lõputöödes lahendusi, kuidas tagada elektrivõrgu töökindlus ja kasumlikkus

Tealane, Marko Elektriala 2025 / lk. 30-31 : fot https://www.ester.ee/record=b1240496*est

Enhancing PV hosting capacity and mitigating congestion in distribution networks with deep learning based PV forecasting and battery management

Shabbir, Noman; Kütt, Lauri; Astapov, Victor; Daniel, Kamran; Jawad, Muhammad; Husev, Oleksandr; Rosin, Argo; Martins, Joao Applied energy 2024 / art. 123770 <https://doi.org/10.1016/j.apenergy.2024.123770> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

EU regulation establishing a network code on requirements for grid connection of generators

Pfeiffer, R.; 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

Evaluation factor for district heating network heat loss with respect to network geometry

Mašatin, Vladislav; Latšov, Eduard; Volkova, Anna Energy procedia 2016 / p. 279-285 : ill

<https://doi.org/10.1016/j.egypro.2016.09.069> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Extended reality in power distribution grid : applications and future trends

Nosrati, Komeil; Alsaleh, Saleh; Tepļakov, Aleksei; Petlenkov, Eduard; Onile, Abiodun Emmanuel; Škiparev, Vjatseslav;

Belikov, Juri 27th International Conference on Electricity Distribution (CIRED 2023) : Rome, 12-15 June 2023 2023 / p. 3615 - 3619

<https://doi.org/10.1049/icp.2023.0788> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Financial evaluation of using off-grid as an alternative to the traditional power line construction

Mere, Tarmo; Hamburg, Arvi; Hõbejõgi, Tiit; Laidre, Marti; Valtin, Juhan Przegląd elektrotechniczny = Electrical review 2016 / p. 206-210 : ill

Harmonic current summation using probabilistic bivariate modelling = Vooluharmonoonikute summeerimine rakendades kahe muutujaga tõenäosuslikku modelleerimist

Jarkovoi, Marek 2019 <https://digikogu.taltech.ee/et/Item/35d500c0-f295-4dd5-b8a5-8feb6a184d32>

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](#)

Identification of Estonian weak low voltage grid topologies [Electronic resource]

Vill, Kaija; Rosin, Argo 2017 IEEE International Conference on Environment and Electrical Engineering and 2017 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) : 6-9 June, 2017, Milan, Italy : conference proceedings 2017 / [5] p. : ill. [DVD] <https://doi.org/10.1109/EEEIC.2017.7977757>

Impact of cable impedance on the harmonic emission of LED lamps

Iqbal, Muhammad Naveed; Kütt, Lauri; Asad, Bilal; Shabbir, Noman 21st International Scientific Conference on Electric Power Engineering (EPE), October 19-21, 2020, Prague, Czech Republic 2020 / 5 p <https://doi.org/10.1109/EPE51172.2020.9269271>

Indirect power factor correction method and corresponding sensorless switch-mode resonant AC/DC converter [Electronic resource]

Šklovski, Jevgeni; Janson, Kuno IECON'2006 : the 32nd Annual Conference of the IEEE Industrial Electronics Society : November 6-10, 2006, Paris : proceedings 2006 / p. 2378-2383 : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4153375>

Instantaneous, short-term and predictive long-term power balancing techniques in intelligent distribution grids

Suzdalenko, Alexander; Galkin, Ilya Technological Innovation for the Internet of Things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2013, Costa de Caparica, Portugal, April 15-17, 2013, Proceedings 2013 / p. 343-350 https://doi.org/10.1007/978-3-642-37291-9_37 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Introduction to minimize sunk costs in electricity network tariff = Sissejuhatus uppunud kulude minimeerimiseks elektrivõrgu tariifis

Mere, Tarmo 2019 <https://digikogu.taltech.ee/et/Item/49d2b3b6-b570-4958-abda-7e898286eea0>

Jaotusvõrgud

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

Jaotusvõrkude energiakadude analüüs

Raesaar, Peeter; Tiigimägi, Eeli; Pihlak, Andres Eesti Energia Kuukiri 1998 / 6, lk. 11-13, 25-27; 7, lk. 11-13, 29-31

Load current stabilisation and flicker mitigation by saturated series-connected reactor

Bolgov, Viktor; Järvi, Jaan The 3rd International Conference Electric Power Quality and Supply Reliability, September 4...6, 2002, Haapsalu, Estonia : proceedings 2002 / p. 80-86 : ill

Load current stabilisation and suppression of flicker in AC arc furnace power supply by series-connected saturable reactor

Bolgov, Viktor; Järvi, Jaan 5th International Scientific Conference : Electric Power Engineering 2003 : January 28-29, 2003, Beskydy Pension, Visalaje Czech Republic 2003 / p. 5-15 : ill

Load current stabilization and suppression of flicker in AC arc furnace power supply by series-connected saturable reactor

Bolgov, Viktor 2004 https://www.ester.ee/record=b1953746*est

Madalpingelised aparaadikoosted

2008 https://www.ester.ee/record=b2458053*est

Measurement based approach for residential customer stochastic current harmonic modelling = Mõõtmispõhine lähenemine olmetarbijate vooluharmonike juhusliku esinemise modelleerimiseks

Iqbal, Muhammad Naveed 2021 https://www.ester.ee/record=b5454042*est <https://digikogu.taltech.ee/et/item/cc2248c5-5530-44fb-8150-51de0e7832ad> <https://doi.org/10.23658/taltech.43/2021>

A method for assessing the maximum load flows in distribution systems

Meldorf, Mati; Täht, T.; Lehtonen, M.; Seppälä, A.; Jalonen, M. 13th Power Systems Computation Conference : proceedings. Vol. 2 1999 / p. 901-906

Methodology for finding investment sites that can be refurbished from a nearby medium voltage line element instead of using the existing low voltage line corridor

Hõbejõgi, Tiit; Reinberg, Anneli; Last, Kristjan; Laanetu, Margus; Mere, Tarmo; Valtin, Juhan; Hamburg, Arvi Przegląd elektrotechniczny = Electrical review 2014 / p. 199-202 : ill <https://doi.org/10.12915/pe.2014.10.48> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Models for modern power distribution system planning = Kaasaegsete jaotusvõrkude planeerimise mudelid

Mishra, Sambeet 2018 <https://digi.lib.ttu.ee/i/?11198> https://www.ester.ee/record=b5176778*est

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

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

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

Nõuded mikrogeneraatorjaamade ühendamiseks rööbiti avalike madalpingeliste jaotusvõrkudega [Võrguteavik] =

Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks

2015 http://www.ester.ee/record=b4455898*est

1 kV distribution system as a cost effective alternative to the medium voltage systems

Hõbejõgi, Tiit; Vill, Kaija; Valtin, Juhan Przegląd elektrotechniczny = Electrical review 2016 / p. 1-4 : ill <https://doi.org/10.15199/48.2016.02.01> [Journal metrics at Scopus](#) [Article at Scopus](#)

Operation strategy and shoot-through indirect control method for three-phase Z-source inverters

Roncero-Clemente, Carlos; **Husev, Oleksandr**; Romero-Cadaval, Enrique; **Vinnikov, Dmitri**; Milanés-Montero, Maria Isabel 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 576-581 : ill <http://dx.doi.org/10.1109/PowerEng.2015.7266380>

Overview of development in the field of energy exchange between electric vehicles and utility network

Mägi, Marek 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 123-124 : ill

Performance analysis of protection methods in residential DC microgrids

Jalakas, Tanel; Banavath, Satish Naik; **Chub, Andrii**; **Roasto, Indrek**; **Vinnikov, Dmitri** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227388>

Performance assessment of TSO-DSO using volt-var control at smart-inverters : case of Vestfold and Telemark in Norway

Astapov, Victor; Trashchenkov, Sergei; Gonzalez-Longatt, Francisco; Topic, Danijel International journal of electrical and computer engineering system 2022 / p. 48-61 <https://doi.org/10.32985/ijeces.13.1.6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Possibilities to optimize low voltage network investments in rural areas = Võimalused madalpingevõrgu investeerimiseks maapiirkonnas

Hõbejõgi, Tiit 2016 <https://digi.lib.ttu.ee/74123> https://www.ester.ee/record=b4556548*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 and earth faults in medium voltage distribution networks - state of the art in Estonia

Järvik, Jaan Electric Power Quality and Supply Reliability : June 9-12, 1999, Sagadi, Estonia : conference proceedings 1999 / p. 7-10: ill

Power quality issues concerning photovoltaic generation and electrical vehicle loads in distribution grids

Niitsoo, Jaan; **Taklaja, Paul**; **Palu, Ivo**; Klüss, Joni Smart grid and renewable energy 2015 / p. 164-177 : ill

Power quality issues concerning photovoltaic generation in distribution grids

Niitsoo, Jaan; **Jarkovoi, Marek**; **Taklaja, Paul**; Klüss, Joni; **Palu, Ivo** Smart grid and renewable energy 2015 / p. 148-163 : ill

Power quality issues in dispersed generation and smart grids

Vaimann, Toomas; **Niitsoo, Jaan**; **Kivipõld, Tanel**; **Lehtla, Tõnu** Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 23-26 : ill <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=573c03a0753bcfce3929ba739ff032b16882acf5>

Power quality of Estonian industrial distribution network

Ahven, Arne 3rd International Scientific Workshop "Compatibility in Power Electronics" (CPE 2003) : Gdansk-Zielona Gora, Poland, 28-30 May, 2003 2003 / p. 11-13

Reactive power pricing in distribution networks

Raap, Maarja; **Raesaar, Peeter**; **Tiigimägi, Eeli** Oil shale 2011 / 1S, p. 223-239 : ill https://artiklid.elnet.ee/record=b2286677*est

Relevance of renewable energy ratio indicator in describing nZEB performance

Thalfeldt, Martin; **Kurnitski, Jarek**; Gräslund, Jonas; Kempe, Per; Verwer, Jeroen CLIMA 2016 - proceedings of the 12th REHVA World Congress. Vol. 6 2016 / [10] p. : ill

Research of voltage stability in 10 kV distribution networks during integrating the 2 MW solar power plant

Keshuov, S.A.; Shokolakova, S.; Tokhtibakiev, K.K.; **Suvalova, Jelena** 2nd International Conference on Smart Grid and Smart Cities : (ICSGSC 2018), August 12-14, 2018, Kuala Lumpur, Malaysia 2018 / p. 91-94 : ill <https://doi.org/10.1109/ICSGSC.2018.8541303>

Residential load harmonics in distribution grid

Niitsoo, Jaan; **Palu, Ivo**; **Kilter, Jako**; **Taklaja, Paul**; **Vaimann, Toomas** The 3rd International Conference on Electric Power and Energy Conversion Systems (EPECS 2013) : [proceedings] 2013 / p. 1-6 : ill

Residential grids power quality analyses concerning nonlinear consumer loads and PV panels = Madalpingevõrgu elektrikvaliteedi analüüs seoses ebalineaarsete elektrienergia tarbijate ja päikesepaneelidega

Niitsoo, Jaan 2016 <https://digi.lib.ttu.ee/76995> https://www.ester.ee/record=b4640583*est

A review of communication protocols and control strategies in DC microgrids : an experimental validation focus

Veliz, Antonio; Rizzo, Sebastian; Restrepo, Carlos; Rivera, Marco; Garces-Ruiz, Alejandro; **Chub, Andrii**; Gonzalez-Castano, Catalina; Flores-Bahamonde, Freddy 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227442>

Review of technical solutions addressing voltage and operational challenges in a distribution grid with high penetration of intermittent RES

Astapov, Victor; Shabbir, Noman; Rosin, Argo; Kütt, Lauri; Maask, Vahur; Tiismus, Hans Energy reports 2025 / p. 1738-1760 <https://doi.org/10.1016/j.egy.2025.08.019>

A review of the effects of electric vehicle charging on distribution network operation and power quality

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; **Mölder, Heigo; Niitsoo, Jaan** Electrical and Control Technologies : proceedings of the 8th International Conference on Electrical and Control Technologies : ECT-2013 2013 / p. 162-167

A review of the harmonic and unbalance effects in electrical distribution networks due to EV charging

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; **Mölder, Heigo; Niitsoo, Jaan** 12th International Conference on Environment and Electrical Engineering (EEEIC) : 5-8 May 2013 2013 / [6] p

State estimation technique for distribution networks

Meldorf, Mati; Treufeldt, Ülo; Kilter, Jako PowerTech Conference proceedings : 27-30 June 2005, St.Petersburg 2005 / Paper 374, [5] p

State of the art trends and design challenges of power electronic transformer for future distribution grids

Beldjajev, Viktor; Roasto, Indrek Технічна електродинаміка : тематичний випуск : силова електроніка та енергоефективність 2012 / p. 55-61 : ill

Tariffs for reactive power supplied from distribution networks

Loonurm, Maarja; **Raesaar, Peeter; Tiigimägi, Eeli** PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 29-34 : ill

The possibilities to improve local electrical power grid : case of TUT campus [Electronic resource]

Astapov, Victor; Palu, Ivo 2016 17th International Scientific Conference on Electric Power Engineering (EPE) : proceedings 2016 / [5] p. : ill. [USB] <https://doi.org/10.1109/EPE.2016.7521793>

Utilization of electric vehicles connected to distribution substations for peak shaving of utility network loads

Mägi, Marek Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 47-54 : ill

Väljakutsed energeetikas : [avatud platvorm energiavoogude juhtimiseks]

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

Анализ оптимальных нормальных режимов распределительных сетей

Seier, Gustav Энергетические системы : сборник статей. 5 1974 / с. 53-58 https://www.ester.ee/record=b2190662*est <https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

Вопросы рационализации высоковольтных распределительных сетей

Novod, F.; **Randmer, Uudus** Проблемы оптимизации в электроэнергетике : республиканская конференция Эстонской ССР (19-20 июня 1969 г.) 1969 / с. 29-30 https://www.ester.ee/record=b1344826*est

Исследование централизованного регулирования напряжения на основе статистического анализа оптимальных режимов распределительной сети

Sirkel, Rein; **Tiigimägi, Eeli** Энергетические системы : сборник статей. 5 1974 / с. 41-46 https://www.ester.ee/record=b2190662*est <https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

К учету допустимых отклонений напряжения при оптимизации нормальных режимов распределительных сетей

Raesaar, Peeter; Seier, Gustav Энергетические системы : сборник статей. 5 1974 / с. 65-69 https://www.ester.ee/record=b2190662*est <https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

Математическая модель оптимизации нормального режима распределительной сети

Seier, Gustav; Tiigimägi, Eeli Энергетические системы : сборник статей. 5 1974 / с. 47-52 https://www.ester.ee/record=b2190662*est <https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

О возможности оптимального регулирования конденсаторных батарей в распределительных сетях по местным параметрам

Seier, Gustav; Tiigimägi, Eeli Материалы XXII Литовской республиканской научно-технической конференции (31 января - 5 февраля 1972 г.) 1972 / с. 227-228

Об оптимальном управлении нормальным режимом распределительной сети на основе статистического

анализа оптимальных режимов

Tiigimägi, Eeli Энергетические системы : сборник статей. 5 1974 / с. 35-39 https://www.ester.ee/record=b2190662*est
<https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

Об управлении нормальным режимом распределительной сети

Tiigimägi, Eeli Проблемы оптимизации в электроэнергетике : тезисы II республиканской конференции ЭССР : [Таллин 26-27 ноября 1974 года] 1974 / с. 71-72 https://www.ester.ee/record=b1346480*est

Определение оптимальных ответвлений распределительных трансформаторов

Sirkel, Rein; Tiigimägi, Eeli Проблемы оптимизации в электроэнергетике : тезисы II республиканской конференции ЭССР : [Таллин 26-27 ноября 1974 года] 1974 / с. 76-78 https://www.ester.ee/record=b1346480*est

Оптимальный закон централизованного регулирования напряжения в распределительной сети

Sirkel, Rein; Tiigimägi, Eeli Тезисы докладов республиканской научно-технической конференции "Состояние и проблемы электрификации сельского хозяйства Эстонской ССР в 1971-1975 гг." : 20-22 апреля 1971 г., посвященной XXIV съезду КПСС 1971 / с. 96-100 https://www.ester.ee/record=b1409889*est

Приближенное определение коэффициентов экономических характеристик электроприемников

Sirkel, Rein Энергетические системы : сборник статей. 5 1974 / с. 59-63 https://www.ester.ee/record=b2190662*est
<https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

Технико-экономическое обоснование автономной системы электроснабжения на примере Псковской области

Bandurin, Ivan; Shchelikalin, Vyacheslav; Smirnova, Anastasia; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas Вестник Псковского государственного университета. Технические науки 2016 / с. 100-109