

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

Air-core sensors operation modes for partial discharge detection and on-line diagnostics in medium voltage networks

Kütt, Lauri; Shafiq, Muhammad; Mölder, Heigo; Järvik, Jaan; Lehtonen, Matti Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 5-12 : ill

Artificial Hummingbird Algorithm For Optimal Reconfiguration Of Electrical Distribution networks

Zahraoui, Younes; Bouhanik, Anes; Korõtko, Tarmo; Rosin, Argo; Mekhilef, Saad 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 225-229 <https://doi.org/10.1109/MELECON56669.2024.10608525>

Avalike elektrivõrkude pingetunnused = Voltage characteristics of electricity supplied by public electricity networks

2025 https://www.ester.ee/record=b5736506*est

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2025 https://www.ester.ee/record=b5736507*est

Avalike elektrivõrkude pingetunnused = Voltage characteristics of electricity supplied by public electricity networks

2023 https://www.ester.ee/record=b5548013*est

Avalike elektrivõrkude pingetunnused = Voltage characteristics of electricity supplied by public electricity networks [Võrguteavik]

2015 http://www.ester.ee/record=b4512339*est

Avalike elektrivõrkude pingetunnused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks

2019 https://www.ester.ee/record=b5273602*est

Avalike elektrivõrkude pingetunnused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks

2019 https://www.ester.ee/record=b5273643*est

Avalike elektrivõrkude pingetunnused [Võrguteavik] = Voltage characteristics of electricity supplied by public electricity networks

2019

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>

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>

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

Design of renewable micro generation monitoring and control application

Lehtla, Madis; Kõivastik, Ivar; Möller, Taavi; Kallaste, Ants; Rosin, Argo PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 105-110 : ill

Development of testing method for smart substations with prosumers

Korõtko, Tarmo; Merisalu, Ülo; Mägi, Marek; Peterson, Kristjan; Pettai, Elmo Journal of microelectronics, electronic components and materials 2014 / p. 185-200 : ill <https://www.dlib.si/details/URN:NBN:SI:doc-N5PGZIFC> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Economical feasibility of off-grid hybrid power supply for Estonian remote areas. Part 1 : hybrid components sizing

Bolgov, Viktor; Laanetu, Margus PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 179-186 : ill <https://doi.org/10.1109/PQ.2016.7724110>

Economical feasibility of off-grid hybrid power supply for Estonian remote areas. Part 2 : determination of breakeven grid extension distances

Bolgov, Viktor; Janson, Kuno PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 187-192 : ill <https://doi.org/10.1109/PQ.2016.7724111>

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

Hürmeidan, 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]

Hürmeidan, 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>

Elektrotehnikas kasutatavad tähised. Osa 7, Elektrienergia genereerimine, edastamine ja jaotamine = Letter symbols to be used in electrical technology. Part 7, Power generation, transmission and distribution (IEC 60027-7:2010)

2011 https://www.ester.ee/record=b2680158*est

1. juulist kehtima hakkavatest elektri võrgutasudest

Rajangu, Väino Elektriala 2017 / lk. 32 http://www.ester.ee/record=b1240496*est https://artiklid.elnet.ee/record=b2819692*est

1. novembrist kehtima hakkavatest elektri võrgutasudest

Rajangu, Väino Elektriala 2017 / lk. 28-29 http://www.ester.ee/record=b1240496*est

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 (IEEEIC / I&CPS Europe) : 6-9 June, 2017, Milan, Italy : conference proceedings 2017 / [5] p. : ill. [DVD] <https://doi.org/10.1109/IEEEIC.2017.7977757>

Impact of price regulation methodology on the managerial decisions of the electricity DSO

Ots, Märt; Hamburg, Arvi; Mere, Tarmo; Hõbejõgi, Tiit; Kisel, Einari 2016 IEEE International Energy Conference (ENERGYCON) : [Leuven, Belgium, 4-8 April 2016] 2016 / [6] p. : ill <https://doi.org/10.1109/ENERGYCON.2016.7513963>

Impacts of grid-scale battery systems on power system operation, case of Baltic region

Ahmadihangar, Roya; Plaum, Freddy; Häring, Tobias; Drovtar, Imre; Korõtko, Tarmo; Rosin, Argo IET Smart Grid 2024 / p. 101-119 <https://doi.org/10.1049/stg2.12142> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Madalpingelised aparaadikoosted. Osa 5, Avalike elektrivõrkude elektrijaotuskoosted = Low-voltage switchgear and controlgear assemblies. Part 5, Assemblies for power distribution in public networks (IEC 61439-5:2023)

2023 https://www.ester.ee/record=b5641184*est

Madalpingelised aparaadikoosted. Osa 5, Avalike elektrivõrkude elektrijaotuskoosted [Võrguteavik] = Low-voltage switchgear and controlgear assemblies. Part 5, Assemblies for power distribution in public networks (IEC 61439-5:2014)

2015 http://www.ester.ee/record=b4502269*est

Maintenance work coordination in electricity distribution

Kangilaski, Taivo 12th IFAC Symposium on Information Control Problems in Manufacturing : INCOM 2006 : Industrial Engineering : Saint-Etienne, France, May 17-19, 2006 : preprints. 2 2006 / p. 33-38

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](#)

Mida uut toob uus aasta võrgutasudes

Rajangu, Väino Elektriala 2018 / lk. 28-29 : portr http://www.ester.ee/record=b1240496*est https://artiklid.elnet.ee/record=b2868796*est

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

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

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**; Milanes-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>

Optimal scheduling of HVACs in islanded residential microgrids to reduce BESS size considering effect of discharge duration on voltage and capacity of battery cells

Sanjareh, Mehrdad Bagheri; Nazari, Mohammad Hassan; Gharehpetian, Gevork B.; **Ahmadihangar, Roya**; Rosin, Argo Sustainable Energy, Grids and Networks 2021 / art. 100424 <https://doi.org/10.1016/j.segan.2020.100424> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of the inverter size for grid-connected residential wind energy systems with peak shaving

Allik, Alo; **Märss, Maido**; Uiga, Jaanus; Annuk, Andres Renewable energy 2016 / p. 1116-1125 : ill <https://doi.org/10.1016/j.renene.2016.08.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Rahvusvaheline elektrotehnika sõnastik

1998 https://www.ester.ee/record=b1061711*est

Rahvusvaheline elektrotehnika sõnastik. Osa 603, Elektri tootmine, ülekandmine ja jaotamine. Elektrisüsteemide planeerimine ja juhtimine

Meldorf, Mati; Raesaar, Peeter; Tiigimägi, Eeli 2000 https://www.ester.ee/record=b1461382*est

Rahvusvaheline elektrotehnika sõnastik. Osa 604, Elektri tootmine, ülekandmine ja jaotamine. Käit

Meldorf, Mati; Raesaar, Peeter; Tiigimägi, Eeli 2000 https://www.ester.ee/record=b1461388*est

Rahvusvaheline elektrotehnika sõnastik. Osa 605, Elektri tootmine, ülekandmine ja jaotamine. Alajaamad

Meldorf, Mati; Raesaar, Peeter; Tiigimägi, Eeli 2000 https://www.ester.ee/record=b1461394*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)

2017 http://www.ester.ee/record=b4751531*est

Reliability framework for power network assessment

Mishra, Sambeet; Bordin, Chiara; Fornes, Jordi Mateo; **Palu, Ivo** 2018 International Conference on Renewable Energy and Environment Engineering (REEE 2018) 2019 / art. 02005, 7 p. : ill <https://doi.org/10.1051/e3sconf/20198002005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Requirements for coordinated ancillary services covering different voltage levels

Uebermasser, Stefan; Groiss, Christoph; Einfalt, Alfred; Thie, Nicolas; Vasconcelos, Maria; **Helguero Cruz, Jorge Luis**; Laaksonen, Hannu; Hovila, Petri CIREd, Open Access Proceeding Journal 2017 / p. 1421-1424 : ill <https://doi.org/10.1049/oap-cired.2017.1033>

Simulation study of the grid-connected single-phase impedance-sourced NPC inverter with different control methods

Roncero-Clemente, Carlos; **Husev, Oleksandr**; Romero-Cadaval, Enrique; **Zakis, Janis**; **Vinnikov, Dmitri**; Milanes-Montero, Maria

Isabel 2015 IEEE International Conference on Industrial Technology (ICIT 2015) : Seville, Spain, 17-19 March 2015 / p. 2949-2954 : ill <https://doi.org/10.1109/ICIT.2015.7125533> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Single-phase power electronics transformer with active functions for smart grid

Minambres-Marcos, Victor; **Roasto, Indrek**; Romero-Cadaval, Enrique; Strzelecki, Ryszard; Barrero-Gonzalez, Fermin 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. 528-533 : ill <http://dx.doi.org/10.1109/CPE.2015.7231131>

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>

The potential of distribution grid as an alternative source for reactive power control in transmission grid

Astapov, Victor; Divshali, Poria; Söder, Lennart 2018 19th International Scientific Conference on Electric Power Engineering (EPE 2018) : Brno, Czech Republic, 16-18 May, 2018 2018 / p. 64–69 : ill <https://doi.org/10.1109/EPE.2018.8396031>

Three-phase three-level neutral-point-clamped qZ source inverter with active filtering capabilities

Roncero-Clemente, Carlos; **Husev, Oleksandr**; Romero-Cadaval, Enrique; Martins, Joao; **Vinnikov, Dmitri**; Milanes-Montero, Maria Isabel 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. 216-220 : ill <http://dx.doi.org/10.1109/CPE.2015.7231075>

Аппроксимация закона распределения нагрузки энергетической системы

Meldorf, Mati; **Tiigimägi, Eeli** Энергетические системы : сборник статей. 5 1974 / с. 27-33 https://www.ester.ee/record=b2190662*est <https://digikogu.taltech.ee/et/Item/11c437c8-2c10-4297-aa20-712c96721051>

О методике оптимизации высоковольтного распределения электроэнергии

Novod, F.; Randmer, Uudus-Gerhard Оптимизация распределения электроэнергии 1972 / с. 4-52 : ил https://www.ester.ee/record=b3672428*est

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