

A new high-power DC/DC converter for residential fuel cell power systems [Electronic resource]

Vinnikov, Dmitri; Jalakas, Tanel; Roasto, Indrek 11th Spanish Portuguese Conference on Electrical Engineering (11CHLIE) : 1-4 of July 2009, Zaragoza, Spain 2009 / [6] p. [CD-ROM]

A standard-based software infrastructure to support weather forecasting in distributed energy systems [Electronic resource]

Oliviera-Lima, Jose A.; Delgado-Gomes, Vasco; Martins, Joao; Lima, Celson; Romero-Cadaval, Enrique; **Vinnikov, Dmitri** CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings 2013 / p. 36-39 : ill [CD-ROM]

About fuzzy optimization of power system

Valdma, Mati Tarptautines konferencijas Elektros ir valdymo technologijos - 2006 : pranešimu medžiaga = Proceedings of International Conference Electrical and Control Technologies - 2006 2006 / p. 478-481

About optimal reserves in power systems

Kilk, Kalle; **Valdma, Mati** 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. 20-23

About possibilities to integrate wind farms into Estonian power system

Liik, Olev; Landsberg, Mart; Oidram, Rein Proceedings of Fourth International Workshop on Large-Scale Integration of Wind Power and Transmission Networks for Offshore Wind Farms, 20-21 October, 2003, Billund, Denmark. Session 6a. 3 2003 / [10] p

An electric power system steady - state monitoring complex

Sild, Ants; Meldorf, Mati Symposium on electrical power engineering, 27 January 1989 1989 / p. 61-68

Analysis of insulation degradation behavior based on partial discharge measurement

Choudhary, Maninder 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 71-72 : ill
https://www.eester.ee/record=b5570906*est

Analysis of possibilities to integrate wind turbines into Estonian power system

Liik, Olev; Landsberg, Mart; Oidram, Rein Scientific proceedings of Riga Technical University. 4. [series], Power and electrical engineering 2003 / p. 196-203

Analysis of the applicability of PMU measurements for power quality assessment

Löper, Mari; Trummal, Tarmo; 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.2018.8571618>

Analysis of traditional and alternative methods for solving voltage problems in low voltage grids : an Estonian case study

Rosin, Argo; Drovtar, Imre; Mölder, Heigo; Haabel, Kaija; Astapov, Victor; Vinnal, Toomas; Korõtko, Tarmo Energies 2022 / art. 1104 <https://doi.org/10.3390/en15031104> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Anomaly detection and classification in power system state estimation: Combining model-based and data-driven methods

Asefi, Sajjad; Mitrovic, Mile; Cetenovic, Dragan; Levi, Victor; Gryazina, Elena; Terzija, Vladimir Sustainable energy, grids and networks 2023 / art. 101116 <https://doi.org/10.1016/j.segan.2023.101116>

Application of neural-network based variable fractional order PID controllers for load frequency control in isolated microgrids

Belikov, Juri; Nosrati, Komeil; Škiparev, Vjatšeslav; Tepljakov, Aleksei; Petlenkov, Eduard; Levron, Yoash Power system frequency control : modeling and advances. 1st Ed 2023 / p. 203-216 : ill <https://www.elsevier.com/books/power-system-frequency-control/mishra/978-0-443-18426-0>

Applications of digital twins for demand side recommendation scheme with consumer comfort constraints

Onile, Abiodun Emmanuel; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 5 p <https://doi.org/10.1109/ISGTEUROPE56780.2023.10407399>

Applications of game theory to design and operation of modern power systems: a comprehensive review

Navon, Aviad; Yosef, Gefen Ben; Machlev, Ram; Shapira, Shmuel; Chowdhury, Nilanjan Roy; **Belikov, Juri**; Orda, Ariel; Levron, Yoash Energies 2020 / art. 3982, 34 p <https://doi.org/10.3390/en13153982> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing energy generation and consumption patterns in times of crisis : COVID-19 as a case study

Ofir, Ron; Zargari, Noa; Levron, Yoash; **Belikov, Juri** 2021 IEEE Madrid PowerTech 2021 / 6 l
<https://doi.org/10.1109/PowerTech46648.2021.9494753>

Automatic generation control of a future multisource power system considering high renewables penetration and electric vehicles: Egyptian Power System in 2035

Nour, Morsy; Magdy, Gaber; Chaves-Avila, Jose Pablo; Sanchez-Miralles, Alvaro; **Petlenkov, Eduard** IEEE Access 2022 / p. 51662-51681 : ill <https://doi.org/10.1109/ACCESS.2022.3174080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Avariielektrijaam valmis, virtuaaljõujaam arutamisel

Köster, Ain; **Strandberg, Marek** Inseneeria 2014 / lk. 40-43 : ill https://artiklid.elnet.ee/record=b2678063*est

Baltimaade ägedaim seade : TTÜ uues laboris saab modelleerida elektrisüsteeme

Kamps, Mari Inseneeria 2017 / lk. 32-33 : fot http://www.ester.ee/record=b2336521*est

Benchmarking of power quality performance in transmission systems - CIGRE WG C4.27 perspective [Online resource]

Kilter, Jako; Vujatovic, Davor; Elphick, Sean Proceedings of 2016 17th International Conference on Harmonics and Quality of Power (ICHQP) : Belo Horizonte, Minas Gerais, Brazil, 16-19 October 2016 2016 / p. 949-954 <https://doi.org/10.1109/ICHQP.2016.7783342>

Calculation of input-output characteristics of power units under incomplete information

Tammoja, Heiki; Attikas, Raivo; Šuvalova, Jelena Oil shale 2007 / p. 277-284 : ill <https://www.kirj.ee/public/oilshale/oil-2007-2s-8.pdf>

A chameleon algorithm for solving economic dispatch problem in microgrid system

Zahraoui, Younes; Alhamrouni, Ibrahim; Mekhilef, Saad; **Korōtko, Tarmo**; Jusoh, Awang; Sutikno, Tole Bulletin of electrical engineering and informatics 2023 / p. 1982-1992 <https://doi.org/10.11591/eei.v12i4.4700>

A chance-constrained decentralized operation of multi-area integrated electricity–natural gas systems with variable wind and solar energy

Qi, Feng; Shahidehpour, Mohammad; Li, Zhiyi; **Wen, Fushuan**; Shao, Changzhen IEEE Transactions on sustainable energy 2020 / p. 2230-2240 <https://doi.org/10.1109/TSTE.2019.2952495>

Characteristic numbers of primary control in the isolated Estonian power system

Medvedeva-Tšernobrivaja, Viktoria; Attikas, Raivo; **Tammoja, Heiki** Oil shale 2011 / 1S, p. 214-222 : ill <https://www.airitilibrary.com/Article/Detail/17367492-201103-201104080003-201104080003-214-222>

Clustering-based penalty signal design for flexibility utilization

Rosin, Argo; Ahmadihangar, Roya; **Azizi, Elnaz**; Sahoo, Subham; **Vinnikov, Dmitri**; Blaabjerg, Frede; Dragicevic, Tomislav; Bolouki, Sadegh IEEE Access 2020 / p. 208850-208860 <https://doi.org/10.1109/ACCESS.2020.3038822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cognitive approach to data acquisition in electric power system steady-state control

Meldorf, Mati; Sild, Ants Tallinna Tehnikaülikooli Toimetised 1990 / lk. 21-30: ill

Comparison of system identification methods applied to analysis of inter-area modes [Online resource]

Tuttelberg, Kaur; Kilter, Jako; Uhlen, Kjetil Proceedings of IPST 2017 2017 / art. 17IPST121, p. 1-6 : ill http://www.ipstconf.org/Proc_IPST2017.php

Comparison of time-varying phasor and dq0 dynamic models for large transmission networks

Belikov, Juri; Levron, Yoash International journal of electrical power & energy systems 2017 / p. 65-74 <https://doi.org/10.1016/j.ijepes.2017.05.017>

Compliance assessment of a phasor measurement unit to IEC 61000-4-30 class a for power quality measurements in transmission systems

Löper, Mari; Kilter, Jako; Stiegler, Robert; Meyer, Jan 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 / 6 p <https://doi.org/10.1109/PQ.2019.8818272>

Continuous monitoring of power system inertia and transmission loss components using synchronized phasor measurements = Elektrisüsteemi inertsi ja ülekandekadude komponentide pidev jälgimine faasimõõtmiste abil

Tuttelberg, Kaur 2018 <https://digi.lib.ttu.ee/i/?10732>

Control of bidirectional grid-forming inverter for nearly zero energy buildings

Roasto, Indrek; Jalakas, Tanel; Rosin, Argo 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659848>

Correcting systematic errors in corona losses measured with phasor measurement units

Tuttelberg, Kaur; Löper, Mari; Kilter, Jako IEEE transactions on power delivery 2019 / p. 2275-2277 : ill <https://doi.org/10.1109/TPWRD.2019.2917610> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current practice on power quality legislation within European transmission systems – results from Horizon 2020 project MIGRATE

Kilter, Jako; Trummal, Tarmo; Löper, Mari; Palu, Ivo 2020 19th International Conference on Harmonics and Quality of Power (ICHQP), 6-7 July 2020, Dubai, UAE 2020 <https://doi.org/10.1109/ICHQP46026.2020.9177907>

Cyber attacks on power system automation and protection and impact analysis

Rajkumar, Vetrivel Subramaniam; **Tealane, Marko**; Stefanov, Alexandru; Presekal, Alfani; Palensky, Peter Proceedings of 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 26-28 October, 2020 2020 / p. 247–254 <https://doi.org/10.1109/ISGT-Europe47291.2020.9248840>

Cyber attacks on protective relays in digital substations and impact analysis

Rajkumar, Vetrivel Subramaniam; **Tealane, Marko**; Stefanov, Alexandru; Palensky, Peter 8th Workshop on Modeling and Simulation of Cyber-Physical Energy Systems(MSCPES), Virtual Workshop, online, from April 21, 2020 : proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/MSCPES49613.2020.9133698>

Cyber-physical microgrids : toward flexible energy districts

Rosin, Argo; Ahmadihangar, Roya; Martins, Joao; Sahoo, Subham; Blaabjerg, Frede Cyber Security for Microgrids 2022 / p. 161-178 : ill https://doi.org/10.1049/PBPO196E_ch8

Day-ahead economical planning of multi-vector energy district considering demand response program

Ghasemi-Marzbali, Ali; Shafiei, Mohammad; **Ahmadihangar, Roya** Applied energy 2023 / art. 120351 <https://doi.org/10.1016/j.apenergy.2022.120351>

Day-ahead scheduling of electric vehicles and electrical storage systems in smart homes using a novel decision vector and AHP method

Allilou, Masoud; Gharehpetian, Gevork B.; **Ahmadihangar, Roya; Rosin, Argo**; Anvari-Moghaddam, Amjad Sustainability (Switzerland) 2022 / Art. 11773 <https://doi.org/10.3390/su141811773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Demand-side Flexibility in Smart Grid

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin 2020 <https://doi.org/10.1007/978-981-15-4627-3>

A detailed testing procedure of numerical differential protection relay for EHV auto transformer

Ehsan, Umer; Jawad, Muhammad; Javed, Umar; Zaidi, Khuram Shabih; Rehman, Ateeq Ur; **Rassõlkin, Anton**; Althobaiti, Maha M.; Hamam, Habib; **Shafiq, Muhammad** Energies 2021 / art. 8447 <https://doi.org/10.3390/en14248447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of optimal operating reserves in power systems

Kilk, Kalle; Valdma, Mati Oil shale 2009 / 3S, p. 220-227

Development of electrical network of Tallinn University of Technology

Soots, Georg 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. 88-92 : ill

Development of the theory and methods of complex optimisation of the control and operational reliability of the interconnections of power systems (IPS) on the interstate level in free market conditions

Krumm, Lembit; Kurrel, Ü.; **Terno, Olaf** International Conference on Operational Research : Simulation and Optimisation in Business and Industry : May 17-20, 2006, Tallinn, Estonia 2006 / p. 178-182

Development of the theory and methods of the complex optimisation of the control and reliability of the interconnections of power systems (IPS) on the interstate level in free market conditions

Krumm, Lembit; Kurrel, Ü.; **Terno, Olaf** 5th International Conference on Optimal Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts 2006 / p. 31-32

Development of theory and methods of complex optimisation of control and operational reliability of interconnected power systems

Krumm, Lembit; Kurrel, Ü.; **Terno, Olaf** Oil shale 2007 / 2S, p. 377-388 https://kirj.ee/wp-content/plugins/kirj/pub/OS-2S-2007-377-388_20230314000936.pdf

Diplomiprojektide ja -tööde juhendamisele elektrisüsteemide kateedris

Tapupere, Olev; Raesaar, Peeter Õppemetoodika küsimusi ; 10 1973 / lk. 137-142 https://www.ester.ee/record=b1346720*est

Dokoritöö : vananevaid elektrisüsteeme ei peaks enam endisel viisil uuendama

Kõik ärikinnisarast : [ajalehe Äripäev lisa] 2022 / Lk. 24 https://www.ester.ee/record=b5223461*est <https://www.aripeev.ee/lisa/2022/04/07/koik-arikinnisarast-07042022>

Doktoritöö : vananevat elektrivõrku annab uuendada senisest odavamalt [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2022 ["Doktoritöö: vananevat elektrivõrku annab uuendada senisest odavamalt"](#)

Dynamic characteristic evaluation of a 600V reverse blocking IGBT device

Korkh, Oleksandr; Blinov, Andrei Advances in Information, Electronic and Electrical Engineering (AIEEE) : proceedings of the 5th IEEE Workshop, november 24-25, 2017, Riga, Latvia 2018 / p. 1-5 : ill <https://doi.org/10.1109/AIEEE.2017.8270527>

Economical dispatch of power units under fuzziness

Valdma, Mati; Keel, Matti; Tammoja, Heiki; Šuvalova, Jelena Oil shale 2007 / 2S, p. 249-263 : ill <https://kirj.ee/public/oilshale/oil-2007-2s-6.pdf>

Eesti elektrisüsteemi laiseiresüsteemi arendamine ja analüüs (WAMPAC) : uurimustöö 1.1-4/13/232 / Lep13118 I etapi aruanne [Võrguväljaanne]

Palu, Ivo; Valdma, Mati; Meldorf, Mati; Keel, Matti; Šuvalova, Jelena; Šlenduuhov, Vadim; Kangro, Triin; Vaino, Sander; Sarnet, Tanel; Kilter, Jako; Ülavere, Eero; Reinson, Andrus 2014

Eesti elektrisüsteemi laiseiresüsteemi arendamine ja analüüs (WAMPAC) : uurimustöö 1.1-4/13/232 / Lep13118 II etapi aruanne [Võrguväljaanne]

Palu, Ivo; Meldorf, Mati; Šuvalova, Jelena; Liiv, Innar; Tuttelberg, Kaur; Kangro, Triin; Astapov, Victor; Sarnet, Tanel; Šlenduuhov, Vadim; Kilter, Jako; Ülavere, Eero; Reinson, Andrus 2014

Eesti elektrisüsteemi ülekandevõrgu koormuste staatilised ja dünaamilised karakteristikud : uurimistöö 1.1-4/2015/227 / Lep 15066 I etapi lõpparuanne [Võrguteavik]

Treufeldt, Ülo; Leinakse, Madis; Salumäe, Uku; Sarnet, Tanel; Meldorf, Mati; Kilter, Jako; Reinson, Andrus; Drovtar, Imre 2015 http://elering.ee/public/Infokeskus/Uuringud/Koormuste_karakteristikud.pdf

Eesti elektrisüsteemi ülekandevõrgu koormuste staatilised ja dünaamilised karakteristikud : uurimistöö 1.1-4/2015/227 / Lep 15066 II etapi lõpparuanne [Võrguteavik]

Treufeldt, Ülo; Meldorf, Mati; Leinakse, Madis; Sarnet, Tanel; Salumäe, Uku; Kilter, Jako; Krusell, Kaur; Reinson, Andrus; Matjas, Ilja 2016 <https://elering.ee/sites/default/files/attachments/Eesti%20elektis%C3%BCsteemi%20%C3%BClekandev%C3%B5rgu%20koormuste%20staatiliseld%20ja%20d%C3%BCnaamilised%20karakteristikud%202.etapp%202016.pdf>

Eesti elektrisüsteemi ülekandevõrgu koormuste staatilised ja dünaamilised karakteristikud : uurimistöö 1.1-4/2015/227 / Lep 15066 lõpparuanne [Võrguteavik]

Treufeldt, Ülo; Meldorf, Mati; Leinakse, Madis; Sarnet, Tanel; Salumäe, Uku; Kilter, Jako; Krusell, Kaur; Reinson, Andrus; Matjas, Ilja 2017 [Eesti elektrisüsteemi ülekandevõrgu koormuste staatilised ja dünaamilised karakteristikud](#)

Eesti elektrivarustuse võtit hoiab Vene energiakompanii : [akadeemik Anto Raukase väidetega]

Raukas, Anto; Mazur, Tanel; Berendson, Risto Eesti Päevaleht 2005 / 15. apr., lk. 4 : ill <https://epi.delfi.ee/artikkel/51008239/eesti-elektrivarustuse-votit-hoiab-vene-energiakompanii>

Eesti elektrivõrkude ajalugu

2020 <https://www.ester.ee/record=b5298769>

Effect of double-slope modulation signals on conducted emissions and efficiency of strongly coupled magnetic resonance WPT systems

Stepins, Deniss; Zakis, Janis; Audze, Janis; Husev, Oleksandr; Shevchenko, Viktor; Pakhaliuk, Bohdan 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2019 / 4 p <https://doi.org/10.1109/RTUCON48111.2019.8982351>

Ehitiste elektripaigaldised

Risthein, Endel 2003 https://www.ester.ee/record=b1791741*est

Ehitiste elektripaigaldised

Risthein, Endel 2010 https://www.ester.ee/record=b2545010*est

Ehitiste elektripaigaldised

Risthein, Endel 2006 https://www.ester.ee/record=b2155995*est

Ehitiste elektripaigaldised

Joller, Jüri; Risthein, Endel 2006 https://www.ester.ee/record=b2175273*est

Electrical network load monitoring

Meldorf, Mati 2008 http://www.ester.ee/record=b2368469*est

Electrical network load monitoring

Meldorf, Mati 2011 http://www.ester.ee/record=b4773521*est

Electrical network load monitoring on special days

Meldorf, Mati; Treufeldt, Ülo; Kilter, Jako Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2006 / p. 19-23 : ill

Elektrijaamade ja elektrivõrkude ning -süsteemide erialade inseneride ettevalmistamise efektiivsus

Esop, Harri Õppemetoodika küsimusi ; 12 1975 / lk. 45-51 : tab https://www.ester.ee/record=b1346720*est

Elektriraudtee ja selle mõjud elektrisüsteemi talitlusele

Kilter, Jako; Kangro, Triin; Sarnet, Tanel; Palu, Ivo 2015 https://www.ester.ee/record=b4495599*est

Elektrisüsteemi arvutamise alused reaajasimulatsioonide raamistikus : harjutused

Leinakse, Madis; Andreesen, Guido; Campos, Nathalia de Moraes Dias 2022 https://haldus.taltech.ee/sites/default/files/2023-02/EE_ins_Elektris%C3%BCsteemi_arvutamise_alused_reaajasimulatsioonide_raamistikus_Harjutused.pdf

Elektrisüsteemi audit ehk kas paber võib päästa elu?

Niitsoo, Jaan Elektriala 2016 / lk. 27 https://artiklid.elnet.ee/record=b2797345*est

Elektrisüsteemi režiimi seire

Meldorf, Mati; Sild, Ants Eesti energeetika probleeme 1988 / lk. 58-70 : ill https://www.ester.ee/record=b1286166*est
<https://digikogu.taltech.ee/et/Item/8c9df0b6-7ddd-4743-a749-6b46cd8b53d4>

Elektrisüsteemi stabiilsus

Meldorf, Mati; Kilter, Jako 2011 http://www.ester.ee/record=b2753320*est

Elektrisüsteemi stabiilsus

Meldorf, Mati 2000 https://www.ester.ee/record=b1378209*est

Elektrisüsteemi talitluse seire

Meldorf, Mati 1995 http://www.ester.ee/record=b1069180*est

Elektrisüsteemide relekaitse ja automaatika õppelaboratoorium

Einaste, P.; Möller, Kalju XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 101 https://www.ester.ee/record=b1322611*est

Elering ja selle kriitikud vaidlevad tuleviku varustuskindluse üle [Võrguväljaanne]

err.ee 2021 <https://www.err.ee/1608119269/elering-ja-selle-kriitikud-vaidlevad-tuleviku-varustuskindluse-ule>

Emerging role of industry 5.0 digital twins in demand response electricity market and applications

Onile, Abiodun Emmanuel; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 6 p <https://doi.org/10.1109/ISGTEUROPE56780.2023.10407322>

Energiaekspert : olen elektrikatkestusteks juba valmis

Mereminskaya, Ekaterina; Saks, Ekaterina Laura laanevirumaa uudised.ee 2022 [Energiaekspert: olen elektrikatkestusteks juba valmis](#)
[Energiaekspert: olen elektrikatkestusteks juba valmis](#)

Energiasalvestid ja -salvestustehnoloogiad

Rosin, Argo; Link, Siim; Hõimoja, Hardi; Drovitar, Imre 2015 http://www.ester.ee/record=b4484414*est

Energy scheduling and flexibility quantification in buildings

Ahmadihangar, Roya; Blinov, Andrei; Pefitsis, Dimosthenis Distributed energy systems : design, modeling, and control 2023 / p. 249-259 : ill <https://doi.org/10.1201/9781003229124-16>

Energy scheduling of battery storage systems in micro grids

Armstorfer, Andreas; Biechl, Helmut; Rosin, Argo Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2017 / p. 27-33 : ill <https://doi.org/10.1515/ecce-2017-0004>

Enhancing grid-forming converters control in hybrid AC/DC microgrids using bidirectional virtual inertia support

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Abid, Abderahmane; Zaid, Sherif A.; Alghamdi, T. A. H.; Salama, Hossam S. Processes 2024 / art. 139 <https://doi.org/10.3390/pr12010139> <https://www.mdpi.com/2227-9717/12/1/139/html>

Erialakirjandus ja selle otsing : tulevasele elektriinsenerile erialal 0302 "Elektrisüsteemid"

1987 https://www.ester.ee/record=b1279288*est

Esitleti ajalooraamatut "Eesti elektrivõrkude ajalugu"

Aro, Rein Elektriala 2020 / lk. 14-15 : fot http://www.ester.ee/record=b1240496*est https://www.ester.ee/record=b5298769*est

Estimation of power system inertia from ambient wide area measurements

Tuttelberg, Kaur; Kilter, Jako; Wilson, Douglas; Uhlen, Kjetil 2019 IEEE Power & Energy Society General Meeting (PESGM) 2019 / 1 p <https://doi.org/10.1109/PESGM40551.2019.8973822>

Estimation of power system inertia from ambient wide area measurements

Tuttelberg, Kaur; Kilter, Jako; Wilson, Douglas; Uhlen, Kjetil IEEE transactions on power systems 2018 / p. 7249-7257
<https://doi.org/10.1109/TPWRS.2018.2843381> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Euroopa elektrisüsteemide uued koostööpõhimõtted

Möller, Kalju Elektriala 2001 / 5, lk. 26-27

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

Experimental verification of two-stage power converter with current-fed soft-switching front-end for battery storage applications

Kosenko, Roman; Blinov, Andrei; Korkh, Oleksandr 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 1599-1608 : ill <https://ieeexplore.ieee.org/document/8515580>

Exploratory data analysis based short-term electrical load forecasting : a comprehensive analysis

Javed, Umar; Ijaz, Khalid; **Shabbir, Noman; Kütt, Lauri; Husev, Oleksandr** Energies 2021 / art. 5510
<https://doi.org/10.3390/en14175510> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fast path-oriented strategy for power system restoration

Liang, Bomiao; Xu, Yan; **Wen, Fushuan; Palu, Ivo;** Liu, Weijia; Shan, Huiyu 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 <https://doi.org/10.1109/PQ.2019.8818244>

Fault-tolerant control of a grid-connected bipolar DC microgrid with high penetration of intermittent renewable energy

Senanayaka, Jagath; Khang, Huynh Van; **Rassõlkin, Anton; Vaimann, Toomas;** Zakis, Janis; Pomarnacki, Raimondas IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / p. 1-6
<https://doi.org/10.1109/IECON49645.2022.9968572> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Feasibility study of interleaving approach for buck-boost inverter with unfolding circuit

Fesenko, Artem; **Matiushkin, Oleksandr; Husev, Oleksandr;** Khandakji, Kamal; Velihorskyi, Oleksandr 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 415-419 : ill
<https://doi.org/10.1109/UKRCON.2019.8879966>

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://digikoqu.taltech.ee/et/Item/159731eb-e93e-4892-875f-3806cd16e64c>
https://www.ester.ee/record=b5542953*est

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

Hoone elektrisüsteemi innovatsioonid ja aruka võrgu arendus

Saikovski, Valeri; Teemets, Raivo Taastuvate energiaallikate uurimine ja kasutamine : neljateistkümnenda konverentsi kogumik = Investigation and Usage of Renewable Energy Sources : fourteenth conference proceedings : [8. nov. 2012, Tartu] 2012 / lk. 88-97 : ill

Hoone elektrisüsteemi parameetrid, mis sobivad uuendusteks (draiverid). Negatiivsed eripärad, millele tuleb tähelepanu

pöörata, et vältida uuenduste realiseerimise ebapiisava tasuvuse ja mitesobiva tehnilise kõrvalmõju teket

Saikovski, Valeri; Teemets, Raivo TEUK XVII : taastuvate energiaallikate uurimine ja kasutamine : seitsmeteistkümnenda konverentsi kogumik = Investigation and usage of renewable energy sources : seventeenth conference proceedings : [2015 : Tartu] 2015 / lk. 80-87 : ill

Hoone tehnosüsteemide RYL 2002 : ehitustööde üldised kvaliteedinõuded. II osa

2004 https://www.ester.ee/record=b2047400*est

Hybrid IGBT-IGCT switch

Blinov, Andrei; Vinnikov, Dmitri; Ivakhno, Volodymyr; Zamaruev, Vladimir Przegląd elektrotechniczny = Electrical review 2012 / p. 12-15 : ill https://www.researchgate.net/publication/290550726_Hybrid_IGBT-IGCT_Switch

Identification of mechanisms behind converter-related issues in power systems based on an overview of real-life events

De Rua, Philippe; Roose, Thomas; Sakinci, Özgür Can; **de Moraes Dias Campos, Nathalia;** Beerten, Jef Renewable and sustainable energy reviews 2023 / art. 113431 <https://doi.org/10.1016/j.rser.2023.113431>

Ilmus eestikeelne raamat energiasalvestistest

Ehitaja 2015 / lk. 34 : ill

Improved fault classification and localization in power transmission networks using vae-generated synthetic data and machine learning algorithms

Khan, Muhammad Amir; **Asad, Bilal; Vaimann, Toomas; Kallaste, Ants;** Pomarnacki, Raimondas; Hyunh, Van Khang Machines 2023 / art. 963 <https://doi.org/10.3390/machines11100963>

Improvement of short-circuit calculation results reliability for large electric power systems

Khalyasmaa, Alexandra I.; Eroshenko, Stanislav A.; Zinovyev, Kirill A.; **Bolgov, Viktor** 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 / 6 p <https://doi.org/10.1109/PQ.2019.8818262>

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>

Inductive bifilar coil based wireless charging system for autonomous electric boat

Pakhaliuk, Bohdan; **Husev, Oleksandr; Shevchenko, Viktor;** Kroics, Kaspars; Stepins, Deniss; Strzelecki, Ryszard IEEE 31st International Symposium on Industrial Electronics (ISIE) 2022 / p. 758-761 <https://doi.org/10.1109/ISIE51582.2022.9831731>

Industrial and technological applications of power electronics systems

2021 <https://doi.org/10.3390/books978-3-0365-0823-8>

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

Innovatiivsed lahendused hoone elektrisüsteemis: struktuuri modelleerimine, lahenduse realiseerimise majanduslikud ja tehnilised aspektid, lõpliku variandi valiku algoritm

Saikovski, Valeri TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümnenda konverentsi kogumik : [10. november 2011, Tartu] = Investigation and usage of renewable energy sources : thirteenth conference proceedings : [10. November 2011, Tartu] 2011 / lk. 143-156 : ill

Input-parallel output-series connection of isolated quasi-Z-source DC-DC converters

Chub, Andrii; Husev, Oleksandr; Vinnikov, Dmitri PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 277-284 : ill

Insulation aging and framework for the development of aging model based on partial discharge analysis

Choudhary, Maninder 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 79-80 : ill https://www.ester.ee/record=b5504019*est

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

Kust siis ikkagi tuleb elekter? [Võrguväljaanne]

Kisel, Einari Postimees 2019 "[Kust siis ikkagi tuleb elekter?](#)"

Load flow modelling in local energy community electric power systems

Korõtko, Tarmo; Drovtar, Imre; Mutule, Anna; Kairisa, Evita; **Rosin, Argo** 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 7 p <https://doi.org/10.1109/ENERGYCON53164.2022.9830203>

Local energy community power system asset dispatch optimization

Plaum, Freddy 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 91-92 https://www.ester.ee/record=b5570906*est

Low frequency oscillations research in the National Electric Networks of Kazakhstan

Saukhimov, A.A.; Tokhtibakiev, K.K.; **Šuvalova, Jelena** World Scientist and Engineers Congress "Energy of the future : innovative scenarios and methods of their implementation" WSEC-2017 : June 19-20, 2017, Astana : proceedings 2017 / p. 148-152

Lõpetage energeetika lõhkumine

Raukas, Anto Äripäev 2018 / lk. 12 [Lõpetage energeetika lõhkumine](https://www.ester.ee/record=b1627303*est)

Lühised elektrisüsteemides

Treufeldt, Ülo; Risthein, Endel 2002 http://www.ester.ee/record=b1627303*est

Main principles and methods of complex optimisation of operation control of interconnected power systems at the interstate level in free market conditions

Krumm, Lembit; Kurrel, Ülo; Terno, Olaf Oil shale 2007 / p. 389-399 https://www.ester.ee/record=b1072685*est

Main principles and methods of the complex optimisation of operation control of interconnected power systems (IPS) on the interstate level in free market conditions

Krumm, Lembit; Kurrel, Ü.; Terno, Olaf 5th International Conference on Optimal Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts 2006 / p. 33-34

Main principles and methods of the complex optimisation of operation control of interconnected power systems (IPS) on the interstate level in free market conditions

Krumm, Lembit; Kurrel, Ü.; Terno, Olaf International Conference on Operational Research : Simulation and Optimisation in Business and Industry : May 17-20, 2006, Tallinn, Estonia 2006 / p. 183-188

Makroökonomika meetodite kohandamine hoone elektrisüsteemi uuenduste prognoosimisel. Prognoosimiseprotsessi kirjeldus. Konkreetse elektripaigaldise uuenduse analüüs

Saikovski, Valeri; Teemets, Raivo TEUK XV : taastuvate energiaallikate uurimine ja kasutamine : viieteistkümnenda konverentsi kogumik = Investigation and usage of renewable energy sources : fifteenth conference proceedings, Tartu, Estonia, 2013 2013 / lk. 77-85 : ill

Maximum power point tracking algorithm for step-up/down partial power converters with improved performance around zero partiality

Yadav, Neelesh; Chub, Andrii; Hassanpour, Naser; Blinov, Andrei; 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-POWERENG58103.2023.10227506>

Measurements and analyses of supply voltage magnitude and voltage variations in Estonian industrial companies

Vinnal, Toomas; Kalda, Heljut; Mölder, Heigo 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 46-51 : ill

Meie savijalgadel energiamajandus

Hamburg, Arvi Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 20 <https://dea.digar.ee/article/ak/2021/12/23/5.8>

Method for line current shape forming in ac-dc power supplies

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni 5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings 2006 / p. 27-34 : ill

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

Lõper, 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

Mikroprotsessorite kasutamisest elektrisüsteemide kateedri õppelaboratooriumites

Lelumees, Heino; Tammoja, Heiki Arvutite ja tehniliste vahendite kasutamine õppetöös : TPI 50. aastapäevale pühendatud teaduslik-metoodilise konverentsi, 26.-27. märtsil : ettekannete teesid 1986 / lk. 77-78 https://www.ester.ee/record=b1206593*est

Minimal energy storage required for stability of low inertia distributed sources

Fahima, Aviad; Ofir, Ron; Levron, Yoash; Belikov, Juri 2018 5th IEEE International Energy Conference (ENERGYCON), Limassol, Cyprus, June 3-7, 2018 : proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/ENERGYCON.2018.8398775>

Mis toimub elektriturul?

Rajangu, Väino Maaleht 2021 / Lk. 18 <https://dea.digar.ee/article/maaleht/2021/12/16/18.1>

Model order reduction of voltage source converters based on the ac side admittance assessment : from EMT to RMS

Grdenic, Goran; Cifuentes-Garcia, Francisco; **Campos, Nathalia de Moraes Dias**; Villella, Fortunato; Beerten, Jef IEEE transactions on power delivery 2023 / p. 56–67 : ill <https://doi.org/10.1109/TPWRD.2022.3179836>

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 of demand side management scenarios in apartment buildings

Vill, Kaija; Rosin, Argo; Lehtla, Madis PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 113-118 : ill <https://doi.org/10.1109/PQ.2016.7724099>

Modelling of a carbon capture and storage system for the Latvian electricity sector

Gušča, Julija; Naroznova, Irina; Blumberga, Dagnija; **Volkova, Anna** Selected Topics in Energy, Environment, Sustainable Development and Landscaping : 6th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '10), 3rd WSEAS International Conference on Landscape Architecture (LA '10) : Politehnica University of Timisoara, Romania, October 21-23, 2010 / p. 415-421 https://www.researchgate.net/publication/267962469_Modelling_of_a_carbon_capture_and_storage_system_for_the_Latvian_electricity_sector

Modelling of electricity spot price and load forecast based new energy management system for households

Lebedev, Denis; Rosin, Argo 2014 55th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings 2014 / p. 222-226 : ill

Modelling of HVAC cable network for system studies

Kangro, Triin Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 / p. 161-164 : ill

Modelling of magnetic and electric circuits

Demenko, Andrzej; **Belahcen, Anouar**; Hameyer, Kay; Pietrowski, Wojciech; Brock, Stefan COMPEL : The international journal for computation and mathematics in electrical and electronic engineering 2017 / p. 578-579 <http://dx.doi.org/10.1108/COMPEL-02-2017-0054>

Multiport converter with integrated energy storage for hydrogen buffer interfacing with renewable energy systems

[Electronic resource]

Andrijanoviš, Anna; Blinov, Andrei; Husev, Oleksandr; Vinnikov, Dmitri 2012 IEEE International Conference on Industrial Technology : proceedings CD 2012 / p. 235-240 : ill [CD-ROM] <https://ieeexplore.ieee.org/document/6209943>

Multivariable optimal control of wireless power transfer systems with series-parallel compensation

Pakhaliuk, Bohdan; **Husev, Oleksandr**; Shevchenko, Viktor; Zakis, Janis; Stepins, Deniss 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2019 / 5 p <https://doi.org/10.1109/RTUCON48111.2019.8982314>

A new virtual synchronous generator design based on the SMES system for frequency stability of low-inertia power grids

Magdy, Gaber; Bakeer, Abualkasim Ahmed Ali; Nour, Morsy; **Petlenkov, Eduard** Energies 2020 / art. 5641, 17 p. : ill <https://doi.org/10.3390/en13215641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

de Moraes Dias Campos, Nathalia; Sarnet, Tanel; Kilter, Jako IEEE transactions on power systems 2023 / p. 5381-5391 <https://doi.org/10.1109/TPWRS.2022.3228458>

Observable canonical forms of multi-machine power systems using dq0 signals

Levron, Yoash; **Belikov, Juri** 2016 International Conference on the Science of Electrical Engineering (ICSEE) : November 16-18, 2016, Eilat, Israel 2016 / [5] p. : ill <https://doi.org/10.1109/ICSEE.2016.7806197>

On efficiency of optimization in power systems

Keel, Matti; Medvedeva-Tšernobrivaja, Viktoria; Šuvalova, Jelena; Tammoja, Heiki; Valdma, Mati Oil shale 2011 / 1S, p. 253-261 : ill

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](#)

Open-source software for modeling and analysis of power networks in the dq0 reference frame

Levron, Yoash; **Belikov, Juri** 2017 IEEE Manchester PowerTech (PowerTech 2017) : Manchester, United Kingdom, 18-22 June 2017 2017 / p. 623-628 : ill <https://doi.org/10.1109/PTC.2017.7980912>

Optimal load dispatch in power plant under probabilistic and uncertain information

Tammoja, Heiki; Valdma, Mati; Keel, Matti WSEAS transactions on power systems 2006 / 5, p. 754-759 : ill https://www.researchgate.net/publication/298547148_Optimal_load_dispatch_in_power_plant_under_probabilistic_information

Optimal load dispatch in power plant under probabilistic information

Tammoja, Heiki Oil shale 2005 / 2S, p. 119-126 : ill https://artiklid.elnet.ee/record=b2346705*est

Optimal load dispatch in power plant under uncertain information

Tammoja, Heiki; Valdma, Mati; Keel, Matti Proceedings of the 2006 IASME/WSEAS International Conference on Energy & Environmental Systems : Chalkida, Greece, May 8-10, 2006 2006 / p. 213-217 : ill https://www.researchgate.net/publication/298547148_Optimal_load_dispatch_in_power_plant_under_probabilistic_information

Optimal planning of generating units in power system considering uncertainty of information

Keel, Matti; Liik, Olev; Tammoja, Heiki; Valdma, Mati Oil shale 2005 / 2S, p. 97-107 : ill https://artiklid.elnet.ee/record=b2346703*est

Optimization of operating reserves in power systems

Terno, Olaf; Valdma, Mati Oil shale 2005 / 2S, p. 153-160

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](#)

An overview of measurement standards for power quality

Shabbir, Noman; Kütt, Lauri; Jarkovoi, Marek; Iqbal, Muhammad Naveed; Rassõlkin, Anton; Daniel, Kamran Agronomy research 2021 / p. 944-960 <https://doi.org/10.15159/ar.21.074> [Journal metrics at Scopus](#) [Article at Scopus](#)

P and Q control strategy for single phase Z/qZ source inverter based on d-q frame

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr; Vinnikov, Dmitri** Proceedings : 2014 IEEE 23rd International Symposium on Industrial Electronics (ISIE) : Grand Cevahir Hotel and Convention Center, Istanbul, Turkey, 01-04 June, 2014 2014 / p. 2048-2053 : ill

PF-FEDG : an open-source data generator for frequency disturbance event detection with deep-learning reference classifiers

Sun, Zhenglong; Ram, Machlev; Jiang, Chao; Wang, Qianchao; Michael, Perl; **Belikov, Juri;** Yoash, Levron Energy reports 2023 / p. 397-413 <https://doi.org/10.1016/j.egy.2022.11.182>

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), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 8 p. : ill <https://doi.org/10.1109/PQ.2019.8818247>

Piksekaitse

Metusala, Tiit; Oidram, Rein; Risthein, Endel 2009 https://www.ester.ee/record=b2466679*est

Piksekaitse. Osa 4, Ehitiste elektri- ja elektroonikasüsteemid = Protection against lightning. Part 4, Electrical and electronic systems within structures (IEC 62305-4:2010, modified)

2012 https://www.ester.ee/record=b2756498*est

Possibilities to enhance small-signal stability in the Finnish power system

Meldorf, Mati; Pajo, Raine Scientific Proceedings of Riga Technical University : Energetika un elektrotehnika 2001 / p. 54-59

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 converter interfaces for electrochemical energy storage systems - a review

Fernao Pires, Vitor; Romero-Cadaval, Enrique; **Vinnikov, Dmitri; Roasto, Indrek;** Martins, Joao Energy conversion and management 2014 / p. 453-475 : ill

Power converter solutions for industrial PV applications — a review

Verbytskyi, Ievgen; Lukianov, Mykola; Nassereddine, Kawsar; Pakhaliuk, Bohdan; **Husev, Oleksandr**; Strzelecki, Ryszard Energies 2022 / art. 3295 <https://doi.org/10.3390/en15093295> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Power system automation and control system SCADA

Leoste, Margus Actual Problems of Electrical Drives and Industry Automation : the research symposium of young scientists : Tallinn, Estonia, May 31 - June 5, 1999 1999 / p. 94-97: ill

Power system stability monitoring - an approach of electrical load modelling

Pajo, Raine 2004 https://www.ester.ee/record=b1953752*est

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>

Preface to "Industrial and Technological Applications of Power Electronics Systems"

Strzelecki, Ryszard; **Demidova, Galina; Vinnikov, Dmitri** Industrial and Technological Applications of Power Electronics Systems 2021 / p. ix <https://doi.org/10.3390/books978-3-0365-0823-8>

Preliminary study on voltage level influence on harmonic current of LED lamps

Jarkovoi, Marek; Kütt, Lauri 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. 116-120 : ill http://www.ester.ee/record=b4650094*est

Professor : Eesti ei peaks end Vene elektrisüsteemist kergekäeliselt lahti ühendama [Võrguväljaanne]

Põlendik, Kadri; Luts, Janek err.ee 2022 ["Professor: Eesti ei peaks end Vene elektrisüsteemist kergekäeliselt lahti ühendama"](#)

Proovimiseks ehk liigagi uuenduslik tarkvara Revit MEP 2011

Puust, Raido Keskkonnatehnika 2010 / 5, lk. 36-38 : ill https://artiklid.elnet.ee/record=b2154952*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

Readiness of small energy markets and electric power grids to global health crises: Lessons from the COVID-19 pandemic

Carmon, David; Navon, Aviad; Machlev, Ram; **Belikov, Juri**; Levron, Yoash IEEE Access 2020 / art. 9139437, p. 127234–127243 <https://doi.org/10.1109/ACCESS.2020.3008929> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reaktiivvõimsuse kompenseerimine Eesti elektrisüsteemis : Lep 17056 lõpparuanne [Võrguteavik]

Palu, Ivo; Leinakse, Madis; Treufeldt, Ülo; Meldorf, Mati; Sarnet, Tanel; Šuvalova, Jelena; Kull, Karl; Salumäe, Uku;AVINGU, Annemai; Trummal, Tarmo 2017 https://elering.ee/sites/default/files/attachments/20180220_reaktiivv%C3%B5imsuse_aruanne_v2_Limited.pdf https://issuu.com/Elering/docs/20180220_reaktiivv_imsuse_aruanne

Real-time testing of out-of-step protection devices

Tealane, Marko; Kilter, Jako; Pill, Krister 2021 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 8-21 October, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISGTEurope52324.2021.9640178>

Reduction of power system dynamic models using sparse representations

Levron, Yoash; **Belikov, Juri** IEEE transactions on power systems 2017 / p. 3893-3900 : ill <https://doi.org/10.1109/TPWRS.2017.2648979>

Reliability of electric power generation in power systems with thermal and wind power plants

Valdma, Mati; Keel, Matti; Tammoja, Heiki; Kilk, Aleksander Oil shale 2007 / 2S, p. 197-208 : 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.; **Šuvalova, 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>

Resilient expansion planning of virtual power plant with an integrated energy system considering reliability criteria of lines and towers

Mishra, Sambeet; Bordin, Chiara; Wu, Qiuwei; **Manninen, Henri** International journal of energy research 2022 / p. 13726-13751 <https://doi.org/10.1002/er.8093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rogowski coil : an efficient current measurement sensor for power system applications

Shafiq, Muhammad 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 / p. 7-8 : ill https://www.ester.ee/record=b5504019*est

Search for the Pareto point based on the maximin principle of improvement rates of objective functions

Tauts, Ants; Krumm, Lembit Oil shale 2005 / p. 197-208 https://www.ester.ee/record=b1072685*est
https://artiklid.elnet.ee/record=b2346718*est

Search for the Pareto point with max-min approach

Tauts, Ants; Krumm, Lembit; Vaarmann, Otu 61st Meeting of the European Working "Multiple Criteria Decision Aiding" : March 10-11, Luxembourg 2005 / p. 14

Simplified assessing of substation-originated outages in analysis of transmission system reliability

Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan Oil shale 2007 / 2S, p. 308-317 : ill <https://go.gale.com/ps/i.do?id=GALE%7CA199396816&sid=googleScholar&v=2.1&it=r&linkaccess=fulltext&issn=0208189X&p=AONE&sw=w&userGroupName=anon%7Eca2a5e6d&aty=open-web-entry>

Simulation of grid connected three-level neutral-point-clamped qZS inverter using PSCAD

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr; Vinnikov, Dmitri**; Stepenko, Serhii Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 14-19 : ill

Smart Energy and power systems modelling: an IoT and Cyber-Physical Systems perspective, in the context of Energy Informatics

Bordin, Chiara; Hakansson, Anne; **Mishra, Sambeet** Procedia computer science 2020 / p. 2254-2263
<https://doi.org/10.1016/j.procs.2020.09.275> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A sophisticated modeling approach for photovoltaic systems in load frequency control

Bakeer, Abualkasim Ahmed Ali; Magdy, Gaber; **Chub, Andrii**; Bevrani, Hassan International journal of electrical power and energy systems 2022 / art. 107330, 12 p. : ill <https://doi.org/10.1016/j.ijepes.2021.107330> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A sparse minimal-order dynamic model of power networks based on DQ0 signals

Belikov, Juri; Levron, Yoash IEEE transactions on power systems 2018 / p. 1059-1067 : ill
<https://doi.org/10.1109/TPWRS.2017.2702746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spectrum analysis for condition monitoring and fault diagnosis of ventilation motor : a case study

Shabbir, Noman; Kütt, Lauri; Asad, Bilal; Jawad, Muhammad; **Iqbal, Muhammad Naveed**; Daniel, Kamran Energies 2021 / art. 2001 <https://doi.org/10.3390/en14072001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stability and eigenvalue sensitivity analysis of a BESS model in a microgrid 4 Author(s)

Rahmoun, Ahmad; Beg, Nauman; **Rosin, Argo**; **Biechl, Helmuth** 2018 5th IEEE International Energy Conference (ENERGYCON), Limassol, Cyprus, June 3-7, 2018 : proceedings 2018 / 6 p.: ill <https://doi.org/10.1109/ENERGYCON.2018.8398792>

Steady-state monitoring in electric power systems

Meldorf, Mati; Sild, Ants Sähkö-tele 1990 / 11, p. 42-46

Steady-state monitoring of power system

Meldorf, Mati 1995 http://www.ester.ee/record=b1069181*est

String diagrammatic electrical circuit theory

Boisseau, Guillaume; **Sobocinski, Pawel Maria** arXiv 2022 / p. 178-191 : ill <https://doi.org/10.4204/EPTCS.372.13>
<https://cgi.cse.unsw.edu.au/~eptcs/paper.cgi?ACT2021.13> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Symmetry in the narrow sense: on the linearity and time-invariance of DQ0 models

Segev, Elior; Ofir, Ron; **Belikov, Juri**; Levron, Yoash IEEE Transactions on Power Systems 2023 / p. 1751-1754
<https://doi.org/10.1109/TPWRS.2022.3229873>

Zachariah Steven Baird: põlevkivielektrijaamad on ohtlikumad kui tuumajaamad [Võrguväljaanne]

Baird, Zachariah Steven postimees.ee 2022 "[Zachariah Steven Baird: põlevkivielektrijaamad on ohtlikumad kui tuumajaamad](#)"

Tallinna Tehnikaülikooli uus energeetikalabor

Aro, Rein Elektriala 2018 / lk. 27 : fot http://www.ester.ee/record=b1240496*est

TalTech avas energeetikalabori

Ehitaja 2018 / lk. 30 : fot http://www.ester.ee/record=b1072123*est

TalTechi uues energeetikalaboris saab testida elektrisüsteemide töökindlust

Mente et Manu 2018 / lk. 9 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html

Teemat vahetada pole probleem

Tuttelberg, Kaur Mente et Manu 2015 / lk. 12-13 : fot https://artiklid.elnet.ee/record=b2711282*est

Testing different power system out-of-step detection algorithms

Tealane, Marko 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. 199-200 : ill
https://www.ester.ee/record=b5183874*est

The future development trends of the Estonian power system

Rudi, Ülo 18. Zittauer Seminar zur energiewirtschaftlichen Situation in den Ländern Mittel- und Osteuropas : Zittau, 17-19 September 2008 2008 / p. 159-170

The role of cross-border power transmission in a renewable-rich power system - A model analysis for Northwestern Europe

Chen, Yi-Kuang; Koduvere, Hardi; Gunkel, Philipp A. Journal of environmental management 2020 / art. 110194, 8 p. : ill
<https://doi.org/10.1016/j.jenvman.2020.110194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of the state in forming the energy policy

Hamburg, Arvi 5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings 2006 / p. 7-9

The Use of DigSilent Power Factory Simulator for "Introduction into Power Systems" Lectures

Astapov, Victor; Palu, Ivo; Vaimann, Toomas Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 95-99 : ill <https://doi.org/10.2478/ecce-2018-0011>

Three-level T-type qZ source inverter as grid-following unit for distributed energy resources

Gutierrez-Escalona, Javier; Roncero-Clemente, Carlos; Husev, Oleksandr; Barrero-Gonzalez, Fermin; Llor, Ana M.; Fernao Pires, Vitor IEEE journal of emerging and selected topics in power electronics 2022 / p. 7772-7785
<https://doi.org/10.1109/JESTPE.2022.3193258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3L-T-type qZSI as grid-forming unit in AC microgrid

Gutierrez-Escalona, Javier; Roncero-Clemente, Carlos; Husev, Oleksandr; Pires, Victor; Milanés-Montero, Maria Isabel; Gonzalez-Romera, Eva IECON 2022 – 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / code 184962
<https://doi.org/10.1109/IECON49645.2022.9968571> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A tool for model-order reduction of power systems with high penetration of power electronic devices

Campos, Nathalia de Moraes Dias; Kilter, Jako 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 91-92 : ill
https://www.ester.ee/record=b5504019*est

Tootmispraktika : juhendid ja programmid elektrisüsteemide eriala (0302) üliõpilastele

1987 https://www.ester.ee/record=b2624296*est

Эквивалентные параметры на переменном токе системных звеньев постоянного тока

Buatšidze, Sergei 1957 https://www.ester.ee/record=b1393024*est <https://digikogu.taltech.ee/et/Item/a0b3c30f-e691-4100-8dcc-c8ecfa49ff3d>

TTÜ, Elering ja nende partnerid Euroopast uurivad tuleviku elektrisüsteeme

Inseneeria 2016 / lk. 48 http://www.ester.ee/record=b2336521*est

TTÜs avati uus arenduslabor

Elektriala 2016 / lk. 34-35 : fot http://www.ester.ee/record=b1240496*est

A tutorial on dynamics and control of power systems with distributed and renewable energy sources based on the DQ0 transformation

Levron, Yoash; Belikov, Juri; Baimel, Dmitry Applied sciences 2018 / art. 1661, 48 p. : ill <https://doi.org/10.3390/app8091661> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Two-Stage Self-Healing Restoration Strategy Considering Operating Performance

Pang, Kaiyuan; Wang, Chongyu; Wen, Fushuan; Palu, Ivo; Feng, Changsen; Yang, Zeng; Chen, Minghui; Zhao, Hongwei; Shang, Huiyu Journal of Energy Engineering 2020 [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000683](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000683) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Type models of electrical network load

Meldorf, Mati; Kilter, Jako Oil shale 2009 / 3S, p. 243-253 : ill

Uses and misuses of quasi-static time-varying phasor models in power systems

Belikov, Juri; Levron, Yoash IEEE transactions on power delivery 2018 / p. 3263-3266 <https://doi.org/10.1109/TPWRD.2018.2852950>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using demand side management in energy-intensive industries for providing balancing power – the Estonian case study

Drovtar, Imre; Uuemaa, Priit; Rosin, Argo; Kilter, Jako; Valtin, Juhan 2013 IEEE Power and Energy Society General Meeting (PES), Vancouver, Canada, 21-25 July 2013 : proceedings 2013 / [5] p.: ill <https://ieeexplore.ieee.org/document/6672418>

Using DQ0 signals based on the central angle reference frame to Model the dynamics of large-scale power systems

Zargari, Noa; Ofir, Ron; Levron, Yoash; **Belikov, Juri** Proceedings of 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 26-28 October, 2020 2020 / p. 1099-1103 <https://doi.org/10.1109/ISGT-Europe47291.2020.9248812>

Uuendused hoone elektrisüsteemis: mudel, klassifikatsioon ja kasutamise tulemuste prognoosimine : päikesepaneelide kasutamine Nurmevälja logistikakeskuse (80 kW) ja Agal Kinnisvarade tootmishoones (140 kW) - esmane analüüs

Saikovski, Valeri TEUK XVI : taastuvate energiaallikate uurimine ja kasutamine : kuueteistkümnenda konverentsi kogumik = Investigation and usage of renewable energy sources : sixteenth conference proceedings 2014 / lk. 67-79 : ill

Uuenduslik metoodika aitab võidelda elektrisüsteemi riketega

Andreesen, Guido novaator.err.ee 2024 [Uuenduslik metoodika aitab võidelda elektrisüsteemi riketega](#)

Uuendusliku metoodikaga elektrisüsteemi rikete vastu

Andreesen, Guido TööstusEST 2024 / lk. 67 : portr https://www.ester.ee/record=b4481084*est

Uus meetod aitab mõista masinõppe hingeelu [Võrguväljaanne]

postimees.ee 2021 ["Uus meetod aitab mõista masinõppe hingeelu"](#)

Variations of power demand and wind power generation and their influence to the operation of power systems =

Elektritarbimise ja tuulegeneraatorite võimsuse muutused ja nende mõju elektrisüsteemi talitlusele

Kilk, Kalle 2009

Varutoiteallikad aitavad elektrikatkestustest üle

Thalfeldt, Martin; Rosin, Argo Maakodu 2023 / lk. 50-52 : fot https://www.ester.ee/record=b1072539*est

Weather dependency of corona losses on 330 kV overhead transmission lines

Gupta, Pradeep Kumar; Tuttelberg, Kaur; Kilter, Jako International journal of electrical power & energy systems 2024 / art. 109537 <https://doi.org/10.1016/j.ijepes.2023.109537>

Vector optimization of thermal power plants

Astapov, Victor 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. 213-215 : ill

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](#)

Venemaa elektriavarii ohustab Eestit

Raukas, Anto Eesti Päevaleht 2005 / 31. märts, lk. 3 <https://epl.delfi.ee/artikkel/51007086/anto-raukas-venemaa-elektriavarii-ohustab-eestit>

Verification of wind parks and their integration into small-interconnected power systems

Kilter, Jako; Landsberg, Mart; Palu, Ivo; Tšernobrovkin, Oleg IEEE PowerTech 2009 Conference : Bucharest, 28.06-02.07.2009 2009 / ? p

Wide-Area applications for enhancement of Estonian power system security

Kilter, Jako; Reinson, Andrus PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 143-148 : ill <https://ieeexplore.ieee.org/abstract/document/6256218>

Wind power integration in Estonia under planning contingencies

Tšernobrovkin, Oleg; Kilter, Jako; Reinson, Andrus; Ülavere, Eero 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 113-118 : ill

Virtual inertia control of microgrids using deep reinforcement learning methods = Mikrovõrkude virtuaalse inertsiooni juhtimine sügava stiimulõppe meetoditega

Škiparev, Vjatšeslav 2023 <https://doi.org/10.23658/taltech.37/2023> <https://digikogu.taltech.ee/et/Item/6d924a63-2390-4324-bf1c-00b24111605e> https://www.ester.ee/record=b5571224*est

Virtual inertia emulation through virtual synchronous generator based superconducting magnetic energy storage in modern power system

Salama, Hossam S.; Bakeer, Abualkasim Ahmed Ali; Magdy, Gaber; Vokony, Istvan Journal of Energy Storage 2021 / Art. 103466 <https://doi.org/10.1016/j.est.2021.103466> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Voltage dips and swells in low voltage networks of Estonia

Vinnal, Toomas; Jarkovoi, Marek; Kütt, Lauri 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659899>

Voltage main harmonic level influence on harmonic current emission modeling

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek; Parker, Martin 2023 International Conference on Future Energy Solutions (FES) 2023 / p. 1-6 <https://doi.org/10.1109/FES57669.2023.10183302>

Võrguettevõtete struktuur ja arengukavad 1999-2021

Hamburg, Arvi; Metusala, Tiit Elektriala 2022 / lk. 26-28 : ill https://www.ester.ee/record=b1240496*est

Ühed tööle, teised säästma [Võrguväljaanne]

Tarand, Kaarel sirp.ee 2021 "[Ühed tööle, teised säästma](#)"

Влияние регулирования реактора статического компенсатора на режимы электрической системы

Kutšumov, Leonid; Tšernovets, Aleksandr; Järvik, Jaan Электричество 1971 / с. 5-9 : илл https://www.ester.ee/record=b2160063*est

Использование, трудоемкость и автоматизация вычислительного процесса методов расчета стационарных режимов электрических систем с учетом статических характеристик нагрузок и генераторов при автоматическом регулировании частоты, напряжения и мощности

Krumm, Lembit 1957 https://www.ester.ee/record=b1393043*est <https://digikogu.taltech.ee/et/Item/ba940787-eba8-4d2c-9c2c-04ca2f5a88a6/>

Исследование возможностей применения ультраконденсаторов в электросистеме автомобиля

Vinnikov, Dmitri; Boiko, Vitali; Laugis, Juhan Силовая электроника и энергоэффективность : СЭЭ'2003 : Алушта, Украина, 2003 2003 / [4] с

Математическое моделирование нагрузок электрических систем

Kirsipuu, Rein; Järvasoo, E.; Tiigimägi, Eeli; Raesaar, Peeter XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 2 1974 / с. 250 https://www.ester.ee/record=b1306141*est

Методика невероятностного анализа динамической устойчивости сложной энергетической системы

Meldorf, Mati Проблемы оптимизации в электроэнергетике : республиканская конференция Эстонской ССР (19-20 июня 1969 г.) 1969 / с. 36-38 https://www.ester.ee/record=b1344826*est

Методические указания к курсовому проекту по курсу "Электрические системы и сети"

1986 https://www.ester.ee/record=b1232021*est

Методы расчета стационарных режимов электрических систем при первичном и вторичном автоматическом регулировании частоты и о влиянии электрических связей на регулирование частоты : автореферат ... кандидата технических наук

Krumm, Lembit 1955 https://www.ester.ee/record=b2327877*est

Методы решения общих уравнений стационарного режима электрической системы с учетом статических характеристик нагрузок и генераторов при автоматическом регулировании частоты, напряжения и мощности

Krumm, Lembit 1957 https://www.ester.ee/record=b1559774*est <https://digikogu.taltech.ee/et/Item/9adc02d4-05d9-4324-b28f-4756a41663bb/>

Об одной возможности воспроизведения функций двух переменных

Viira, Tarmo Энергетические системы : сборник статей. 3 1969 / с. 23-30 : илл https://www.ester.ee/record=b2183089*est <https://digikogu.taltech.ee/et/Item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

Об определении оптимальных значений уставок релейной защиты

Möller, Kalju XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 71 https://www.ester.ee/record=b1359832*est

Об оптимизации системы релейной защиты и автоматики электроустановок

Möller, Kalju Энергетические системы : сборник статей. 2 1965 / с. 103-112 : илл https://www.ester.ee/record=b2181997*est
<https://digikogu.taltech.ee/et/Item/eecc6a33-a1eb-4988-b989-2f0fd4d9a796>

Переходные процессы в электрических системах : методическое руководство по расчету токов короткого замыкания

1981 https://www.ester.ee/record=b1310751*est

Применение и развитие методов комплексной оптимизации управления, надежности и соответствующей сети координации на межгосударственных и региональных уровнях объединения энергосистем (ОЭС)

Krumm, Lembit Методические вопросы исследования надежности больших систем энергетики. Вып. 60. Методы и средства исследования и обеспечения надежности систем энергетики 2010 / с. 398-408

Программа расчета установившихся режимов электрических сетей УРТПИ

Seier, Gustav; Raesaar, Peeter Проблемы оптимизации в электроэнергетике : тезисы II республиканской конференции ЭССР : [Таллин 26-27 ноября 1974 года] 1974 / с. 33-34 https://www.ester.ee/record=b1346480*est

Профессор : Эстонии не стоит легкомысленно отключаться от российской электросистемы [Online resource]

Põlendik, Kadri; Luts, Janek rus.err.ee 2022 "[Профессор: Эстонии не стоит легкомысленно отключаться от российской электросистемы](https://www.ester.ee/record=b1346480*est)"

Работы кафедры электрических систем ТПИ по проблемам управления режимами энергетических систем : (ист. обзор и библиогр.)

Möller, Kalju; Valdma, Mati; Meldorf, Mati; Tiigimägi, Eeli Вопросы стохастического управления режимами энергетических систем 1982 / с. 3-26

Расчет стационарного режима электрической системы методом линеаризации

Raesaar, Peeter; Sild, Ants; Tiigimägi, Eeli XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 50 https://www.ester.ee/record=b1322629*est

Релейная защита и автоматика : руководство к лабораторным работам

1989 https://www.ester.ee/record=b1212360*est

Стохастическое моделирование на ЭЦВМ возникновения отказов при малых нагрузках

Koort, Ants Тезисы докладов научно-технической конференции, посвященной Дню радио 1974 / с. 15-16
https://www.ester.ee/record=b1294751*est

Техника управления в энергетических системах : руководство к лабораторным работам

1982 https://www.ester.ee/record=b1264693*est

Уравнения стационарного режима электрической системы с учетом статических характеристик нагрузок и генераторов при автоматическом регулировании частоты, напряжения и мощности

Krumm, Lembit 1957 https://www.ester.ee/record=b1559748*est <https://digikogu.taltech.ee/et/Item/e213019d-361f-4620-a35e-6e2d81538cd9/>

Усовершенствованный метод последовательных интервалов для определения изменения стационарного режима электрической системы при любых возмущениях симметричного характера с учетом статических характеристик нагрузок и генераторов и автоматизации регулирования частоты, напряжения и мощности

Krumm, Lembit 1957 https://www.ester.ee/record=b1393063*est <https://digikogu.taltech.ee/et/Item/e3a992b0-0543-4c52-b850-3cf7a94cbf1c/>

Формирование умений анализа и синтеза электрических систем у студентов

Umborg, Jaak Тезисы IX зональной научно-методической конференции преподавателей общей физики высших учебных заведений Белоруссии, республик Прибалтики и Калининградской области РСФСР (24-26 сент. 1986 г.) 1986 / с. 97-98

Электрические аппараты защиты : методическое пособие для студентов, изучающих курс "Электрические аппараты" (специальность 0601) и курс "Электрические аппараты и средства автоматизации" (специальность 0628)

1981 https://www.ester.ee/record=b1319138*est

Электрические сети и системы : описание расчетного стола УРМЭС-2 и методика выполнения расчетов

1986 https://www.ester.ee/record=b1231990*est

Электрические сети и системы : руководство к лабораторным работам для студентов специальностей 0301, 0302 и 0303

1974 https://www.ester.ee/record=b1313051*est

Электромагнитные переходные процессы в электрических системах : методические указания к курсовой работе по курсу "Переходные процессы в электрических системах"

1988 https://www.ester.ee/record=b1222169*est

Электрооборудование автомобилей : программа, методические указания и контрольная работа для специальности 1609 "Автомобили и автомобильное хозяйство"

Lepik, Märt; Sillat, Rein 1983 https://www.ester.ee/record=b1256760*est