

Active power losses in Estonian power transmission network

Ainsaar, Karin Maria; Ülavere, Eero; Tammoja, Heiki; Valtin, Juhan 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 / p. 112-117 : ill

Ainult enda päikesepaneelidest jääb energiakindluse tagamiseks väheks

Raig, Tanel TööstusEST 2020 / lk. 50-53 : fot http://www.ester.ee/record=b4481084*est <https://toostusest.ee/uudis/2020/09/23/ainult-enda-paikesepaneelidest-jaab-energiakindluse-tagamiseks-vaheks/>

Analysis of black start strategies for microgrids with renewable distributed generation

Armstorfer, Andreas; Biechl, Helmuth; **Rosin, Argo** IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 2121-2125 : ill <https://doi.org/10.1109/IECON.2019.8926631> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Analysis of operating regimes of the static compensator in 35 kV connection point of powerful arc furnace

Kuchumov, L.A.; Kusnecov, A.A.; Belyaev, D.A.; Sapunov, M.V.; **Järvik, Jaan** 5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings 2006 / p. 79-85 : ill

Argo Rosin, Imre Drovтар: Rohepööre transpordis on utoopiline [Võrguväljaanne]

Rosin, Argo; Drovтар, Imre postimees.ee 2021 ["Argo Rosin, Imre Drovтар: Rohepööre transpordis on utoopiline"](#)

Assessment of electricity supply interruption costs under restricted time and information resources

Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan Proceedings of the 2006 IASME/WSEAS International Conference on Energy & Environmental Systems : Chalkida, Greece, May 8-10, 2006 2006 / p. 409-415 : ill

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

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

Avariielektrijaam valmis, virtuaaljõujaam arutamisel

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

Combined assessment of electrical supply interruption costs

Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan WSEAS transactions on power systems 2006 / 5, p. 953-960 : ill

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

Demand side management in small power systems - the Estonian case study

Drovтар, Imre; Rosin, Argo; Kilter, Jako Elektronika ir elektrotehnika = Electronics and electrical engineering 2016 / p. 13-19 : ill <https://doi.org/10.5755/j01.eie.22.3.15308> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamic positioning system for the multifunctional vessel EVA-316

Subarev, Kirill; Vinnikov, Dmitri; Laugis, Juhan 8th International Workshop on Research and Education in Mechatronics 2007 : 14-15 June 2007, Tallinn, Estonia 2007 / p. 142-145 : ill

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>

Ehitiste elektripaigaldised

Kroon, Kalju; **Risthein, Endel** 2006 https://www.ester.ee/record=b2155977*est

Einari Kisel: ilustamata elektrivarustuskindlusest [Võrguväljaanne]

Kisel, Einari postimees.ee 2020 ["Einari Kisel: ilustamata elektrivarustuskindlusest"](#)

Electric Power Quality and Supply Reliability : June 9-12, 1999, Sagadi, Estonia : conference proceedings

Järvik, Jaan; Vinnal, Toomas 1999 https://www.ester.ee/record=b1817525*est

Electricity supply of industrial plants

Risthein, Endel 1993 http://www.ester.ee/record=b1064391*est

Elektri varustuskindlusest

Konist, Alar Postimees 2021 / Lk. 15 <https://dea.digar.ee/article/postimees/2021/02/22/14.6>

Elektri varustuskindlusest

Konist, Alar; Aro, Rein Elektriala 2021 / lk. 6-9 : portr https://www.ester.ee/record=b1240496*est

Elektrienergia säästlik kasutamine hoonetes : õppematerjal

Teemets, Raivo; Vinnal, Toomas 2013 http://www.ester.ee/record=b3033912*est

Elektrikvaliteedi juubelikonverents Tallinnas

Järvik, Jaan Elektriala 2016 / lk. 12-14 : fot https://artiklid.elnet.ee/record=b2803320*est

Elektrivarustus : metoodiline juhend kursuseprojekti koostamiseks 10.02 eriala üliõpilastele

1989 https://www.ester.ee/record=b1216609*est

Elektrivarustuse tulevikuvisionid

Lehtla, Tõnu; Vinnal, Toomas 2015 http://www.ester.ee/record=b4511325*est

Elektrivarustuse tulevikuvisionid : [kõrgkooliõpik]

Lehtla, Tõnu; Vinnal, Toomas 2016 http://www.ester.ee/record=b4571559*est

Elektrivõrgu klientide elektripaigaldiste ühe ja kahepoolse toite mõju analüüs varustuskindlusele : lepingu nr LEP15094 aruanne [Võrguväljaanne]

Valtin, Juhan; Tammoja, Heiki; Raesaar, Peeter 2016 https://www.elektrilevi.ee/-/doc/6305157/ettevottes/uringud/Elektrivorgu_klientide_elektripaigaldiste_yhe_kahepoolse_toite_moju_analyys_varustuskindlusele.pdf

Energeetika - otsapidi üksnes taastuenergia küljes

Janson, Kuno; Kallaste, Ants; Bolgov, Viktor Horisont 2013 / lk. 30-36 : ill https://artiklid.elnet.ee/record=b2606466*est

Euroopa perutav roheratsu

Rosin, Argo; Drovtar, Imre Postimees 2021 / Lk. 6-7

5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings

2006 http://www.ester.ee/record=b2184858*est

Floating high step-down stacked dc-dc converter based on buck-boost cells [Electronic resource]

Tibola, Gabriel; Duarte, Jorge; **Blinov, Andrei** EPE'15 ECCE Europe : 8-10 September 2015, Geneva, Switzerland : 17th European Conference on Power Electronics and Applications 2015 / p. 1-10 : ill. [USB] <http://dx.doi.org/10.1109/EPE.2015.7309181>

Fuzzy logic control application in DC-link voltage control of the energy router

Najafzadeh, Mahdiyyeh 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 2022 / p. 59-60 : ill https://www.ester.ee/record=b5457278*est

Harmonic load of residential distribution network - case study monitoring results

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; **Mölder, Heigo**; Vinnal, Toomas PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 93-98 : ill

Hoonete jõu- ja andmevõrkudest

Lehtla, Tõnu Elektri kalender 1999 1998 / lk. 164-169: ill

Ilma ei jõua soojaks kütta : energia säästliku kasutamise õpik [3.-5. klassile]

Kask, Ülo; Kask, Livia; Sihtmäe, Mariliis; Kuldper, Kaie 2005 https://www.ester.ee/record=b2118454*est

Impact of distributed generation on estimation of exponential load models

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

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](#)

Kisel: elektritarbimisprobleemi aitaksid lahendada soojasalvestid [Võrguväljaanne]

Povilaitis, Dmitri pealinn.ee 2021 "[Kisel: elektritarbimisprobleemi aitaksid lahendada soojasalvestid](#)"

Maaelektriku teatmik

1975 https://www.ester.ee/record=b1304264*est

Mare Roosileht: president kohtus noorte kliimaaktivistidega, kas Ida-Virumaa on rohepöördeks valmis? [Võrguväljaanne]

Roosileht, Mare epl.delfi.ee 2021 "[Mare Roosileht: president kohtus noorte kliimaaktivistidega, kas Ida-Virumaa on rohepöördeks valmis?](#)"

Modeling of lighting load in residential buildings

Iqbal, Muhammad Naveed; Kütt, Lauri; Shabbir, Noman Proceeding of the 4th International Conference on Recent Trends in Computer Science and Electronics 2019 2019 / p. 111 http://www.rtcse.org/RTCSE_2019.pdf

Modeling of lighting load in residential buildings

Iqbal, Muhammad Naveed; Kütt, Lauri; Shabbir, Noman International journal of engineering and advanced technology 2018 / p. 233–236 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85064435587&origin=resultslist>

Multifunctional energy router for residential applications = Multifunktsionaalne energiaruuter eramutele

Najafzadeh, Mahdiyyeh 2022 <https://doi.org/10.23658/taltech.25/2022> <https://digikogu.taltech.ee/et/Item/6914b8ca-7ca5-49d1-868a-a6de9192f8b4> https://www.ester.ee/record=b5501867*est

Non-intrusive load monitoring based smart energy management system for smart buildings

Jawad, Muhammad; Shabbir, Noman; Ahmadiyahangar, Roya; Rosin, Argo; Khaleel, T.; Tahir, W. 2024 7th International Conference on Information and Computer Technologies (ICICT) : proceedings 2024 / p. 46-50 <https://doi.org/10.1109/ICICT62343.2024.00014>

Optimal approximation of input-output characteristics of power units and plants

Šuvalova, Jelena 2004 https://www.ester.ee/record=b1967729*est

Outlook of usage of supercapacitors in uninterruptible power supplies

Galkin, Ilja; Stepanov, A.; Laugis, Juhan BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 237-240 : ill

An overview of reliability enhancing methods for energy router for residential application

Rahimpour, Saeed 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 2021 / p. 51-52 : ill https://www.ester.ee/record=b5457278*est

Pilk energeetika ja elektrivarustuse tulevikku

Lehtla, Tõnu Elektriala 2016 / lk. 12-15 : ill https://artiklid.elnet.ee/record=b2762698*est

Power quality improvement in diode rectifiers using ripple-power re-rectification and multifunctional filter elements

Sakkos, Tiit; Sarv, Vello; Järvik, Jaan EPQU'01 : Electrical Power Quality and Utilisation : 6th International Conference : September 19-21, 2001, Cracow, Poland : proceedings 2001 / p. 333-338 : ill

PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010,

Kuressaare, Estonia : conference proceedings

2010 http://www.ester.ee/record=b2631897*est

PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu,

Estonia : conference proceedings

2012 https://www.ester.ee/record=b4770080*est

PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11 - 13, 2014,

Rakvere, Estonia : proceedings

2014 https://www.ester.ee/record=b4479987*est

PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August

29-31, 2016, Tallinn, Estonia : proceedings

2016 <https://ieeexplore.ieee.org/xpl/conhome/7600990/proceeding> https://www.ester.ee/record=b5375325*est

Professor : Eesti ei peaks Vene elektrisüsteemist kergekäeliselt lahkuma

Põlendik, Kadri; Luts, Janek err.ee 2022 / fot [Professor : Eesti ei peaks Vene elektrisüsteemist kergekäeliselt lahkuma](#)

Põlevkivielektri jaamu tuleb hakata kiiresti renoveerima [Võrguväljaanne]

Laurson, Jüri postimees.ee 2022 "[Põlevkivielektrijaamu tuleb hakata kiiresti renoveerima](#)"

Rahvusvaheline elektritoite kvaliteedi ja elektrivarustuskindluse konverents - PQ2012

Keskkonnatehnika 2012 / lk. 9 https://artiklid.elnet.ee/record=b2526343*est

Rahvusvaheline elektritoite kvaliteedi ja varustuskindluse konverents PQ2012 möödus edukalt

Vaimann, Toomas; Kütt, Lauri; Järvik, Jaan Elektriala 2012 / lk. 10-11 : fot

Rahvusvaheline konverents elektritoite kvaliteedist ja elektri varustuskindlusest - PQ2012 : [eelinfo]

Elektriala 2012 / lk. 32

Rahvusvaheline konverents elektritoite kvaliteedist ja elektri varustuskindlusest - PQ2012 : [eelinfo]

Inseneeria 2012 / lk. 4

Residential energy management system to support increased renewable penetration = Taastuenergiaallikate kasutustihedust toetav energiahaldussüsteem

Shabbir, Noman 2022 <https://doi.org/10.23658/taltech.37/2022> <https://digikogu.taltech.ee/et/Item/2c178a6b-f918-4932-bd1b-48fefb7fc7aa>
https://www.ester.ee/record=b5503996*est

Riigikontrolli hävitav hinnang: Eestis võib mõne aasta pärast tekkida probleeme elektri varustuskindlusega

Lepik, Piret arileht.delfi.ee 2023 [Riigikontrolli hävitav hinnang: Eestis võib mõne aasta pärast tekkida probleeme elektri varustuskindlusega](#)

Riigikontrolli hävitav hinnang: Eestis võib mõne aasta pärast tekkida probleeme elektri varustuskindlusega

Lepik, Piret arileht.delfi.ee 2023 [Riigikontrolli hävitav hinnang: Eestis võib mõne aasta pärast tekkida probleeme elektri varustuskindlusega](#)

Stability issues with network impedances and its mitigation in islanded microgrids

Beg, Nauman; Biechl, Helmuth; Rosin, Argo NEIS 2019 : Conference on Sustainable Energy Supply and Energy Storage Systems Hamburg, 19-20 September, 2019 2019 / p. 189-194 <https://10times.com/neis-germany> <https://www.vde-verlag.de/buecher/565152/neis-2019.html>

Standalone electrical storages as part of the network system in metropolitan area in Finland

Rikkas, Elina Rebecka 2018 15th International Conference on the European Energy Market (EEM 2018), Lodz, Poland, 27-29 June 2018 2018 / p. 363-367 : ill <https://doi.org/10.1109/EEM.2018.8469985>

Stiihilise taastuenergia kohandamine inimeste tehiskeskkonna vajadustele

Janson, Kuno; Kallaste, Ants Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 29-39 : ill

Suppression of voltage flicker by saturable reactor operating under forced magnetization [Electronic resource]

Bolgov, Viktor; Järvik, Jaan EUROCON 2007 : the International Conference on Computer as a Tool : September 9-12, 2007, Warsaw, Poland : proceedings 2007 / p. 1417-1422 : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4400513>

Tarbijal puudub elektrimajanduse osas selgus

Rajangu, Väino Postimees 2021 / Lk. 16 <https://dea.digar.ee/article/postimees/2021/02/26/16.7> <https://leht.postimees.ee/7188694/vaino-rajangu-tarbijal-puudub-elektrimajanduse-tuleviku-osas-selgus>

Teabepäev TTÜs "Uut elektrivarustuses ja -valgustuses"

Elektriala 2011 / 6, lk. 29

The 4th International Conference : Electric Power Quality and Supply Reliability : August 29...31, 2004, Pedase, Estonia : proceedings

2004 https://www.ester.ee/record=b1978182*est

6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings

2008 https://www.ester.ee/record=b2549933*est

Tööstusettevõtete elektriseadmed ja elektrivarustus : programm, metoodilised juhendid, laboratoorsete tööde kirjeldused ja kursuprojekterimise juhend erialale 0308

1973 https://www.ester.ee/record=b1339847*est

Uninterruptible power supply in distribution substations auxiliary circuits

Hõimoja, Hardi 4th International Symposium Topical Problems of Education in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 15-20, 2007 2007 / p. 78-82

Use of hydrogen and AI as an opportunities to increase energy autarky and create business more sustainable

Krzos, G.; Piwoni-Krzeszowska, E.; Kowalski, J.; **Prause, Gunnar Klaus** Procedia computer science 2023 / p. 3276-3285
<https://doi.org/10.1016/j.procs.2023.10.321> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Using common household thermal storages to support the PV- and battery system in nearly zero energy buildings in off-grid mode

Häring, Tobias; Rosin, Argo; Biechl, Helmuth Sustainable energy technologies and assessments 2019 / p. 12-24 : ill
<https://doi.org/10.1016/j.seta.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Value stream mapping for evaluation of load scheduling possibilities in a district heating plant

Melsas, Raivo; Rosin, Argo; Drovtnar, Imre Transactions on environment and electrical engineering 2016 / p. 62-67 : ill
<http://dx.doi.org/10.22149/teee.v1i3.34>

Value stream mapping for evaluation of load scheduling possibilities in a district heating plant [Electronic resource]

Melsas, Raivo; Rosin, Argo; Drovtnar, Imre 2016 IEEE 16th International Conference on Environment and Electrical Engineering (EEEIC) : 7-10 June 2016, Florence, Italy : conference proceedings 2016 / [6] p. : ill. [CD-ROM]
<https://doi.org/10.1109/EEEIC.2016.7555696>

Weight and size estimation of energy efficient LED Ballasts

Galkin, Ilja; Tetervinov, Oleg; **Milaševski, Irena** Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 55-60 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/1453>

Анализ схем компенсации реактивной мощности и улучшения качества напряжения в системе электроснабжения машиностроительного завода

Janson, Kuno Исследование электрических машин и электромагнитных устройств специального назначения 1983 / с. 65-74 : ил https://www.ester.ee/record=b1271915*est <https://digikogu.taltech.ee/et/Item/d1676714-579b-4ec9-949f-401ab84c5a70>

Комплексный план модернизации энергоснабжения ткацкого производства предприятия Кренгольм холдинг

Golubõhh, Oleg; Risthein, Endel Actual Problems of Electrical Drives and Industry Automation : the research symposium of young scientists : Tallinn, Estonia, May 31 - June 5, 1999 1999 / p. 73-76: ill

Откуда мы станем в ближайшем будущем получать свою электроэнергию? [Online resource]

Konist, Alar Северное побережье (Пыхьяранник) 2021 ["Откуда мы станем в ближайшем будущем получать свою электроэнергию?"](#)

Программа "Электричество" для проектирования электроснабжения на АвтоКАД-е

Möldre, Heino Engineering graphics BALTRAF - 5 : abstracts of the International Conference : Tallinn, Estonia, June 15-16, 2000 2000 / p. 75

Специальные вопросы электроснабжения предприятий : учебное пособие для студентов электроэнергетических специальностей

Vagin, G.; Orlov, V.; Järvik, Jaan 1993 https://www.ester.ee/record=b1064028*est

Электроснабжение и электрооборудование металлорежущих станков : программа, методические указания и контрольные работы для студентов специальности 0501 "Технология машиностроения, металлорежущие станки и инструменты"

1977 https://www.ester.ee/record=b1309170*est

Электроснабжение промышленных предприятий : программа, методические указания и контрольные задания

1968 https://www.ester.ee/record=b1339778*est

Электроснабжение промышленных предприятий : программа, методические указания и контрольные задания для специальности 0628

1969 https://www.ester.ee/record=b1339874*est

Электроснабжение промышленных предприятий : рабочая программа и методические указания для специальности 0628

1974 https://www.ester.ee/record=b1346451*est

Электроснабжение промышленных предприятий : рабочая программа и методические указания для специальности 0628

1981 https://www.ester.ee/record=b1312080*est

Электроснабжение промышленных предприятий : расчеты на 100-строчных программируемых микрокалькуляторах

1988 https://www.ester.ee/record=b1255457*est

Электроснабжение промышленных предприятий : учебник для студентов вузов
Федоров А.Я.; Risthein, Endel 1981 https://www.ester.ee/record=b1566583*est

Электроснабжение промышленных установок : развитие и современное состояние : методическое пособие
1989 https://www.ester.ee/record=b1192541*est

Электроснабжение промышленных установок : [учебник для вузов по специальности "Электропривод и автоматизация промышленных установок и технологических комплексов"]
Risthein, Endel 1991 http://www.ester.ee/record=b1529560*est