

Aasta tehnikaüliõpilane Johann-Gustav Lend : insenerihariduse muudab populaarsemaks selle sisu parem tutvustamine : [intervjuu]

Lend, Johann-Gustav Inseneeria 2014 / lk. 44 : fot https://artiklid.elnet.ee/record=b2654844*est

About suitability of condensing power plants to power distribution system

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

Accuracy of voltage instrument transformers for harmonic measurements in Elering's 330-kV-transmission network

Meyer, Jan; Stiegler, Robert; **Kilter, Jako** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 85-90 : ill
<https://doi.org/10.1109/PQ.2016.7724094>

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 2014 / p. 112-117 : ill

AC-voltage performance of field aged glass insulator strings

Hyyönen, Petri; Klüss, Joni; Taklaja, Paul ICHVE 2014 : 2014 International Conference on High Voltage Engineering and Application : 8-11 September 2014, Poznan, Poland 2014 / [4] p. : ill

Analysis of a slow-speed slotless permanent magnet synchronous generator

Tuttelberg, Kaur; Vaimann, Toomas; Kallaste, Ants 4th International Youth Conference on Energy 2013 : [proceedings] 2013 / p. 1-5 : ill

Analysis of energy development perspectives = Energeetika arenguperspektiivide analüüs

Hamburg, Arvi 2010 <https://digi.lib.ttu.ee/i/?493> https://www.ester.ee/record=b2604912*est

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

Sarnet, Tanel; Kilter, Jako 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 238-241 : ill

Application of an advanced repetitive controller to mitigate harmonics in MMC with APOD scheme

Madichetty, Sreedhar; Dasgupta, Abhijit; **Mishra, Sambeet**; Panigrahi, Chinmoy Kumar; Basha, Ghouse IEEE transactions on power electronics 2016 / p. 6112-6121 : ill <https://doi.org/10.1109/TPEL.2015.2501314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arvamusi akadeemikutelt [oluliste teadusprobleemide kohta]

Engelbrecht, Jüri; Kaljo, Dimitri; Krumm, Lembit; Kübarsepp, Jakob Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2012 2013 / lk. 229-236

Arvi Hamburgi värvikad mälestused : [kooliajast Tallinna Polütehnikumis 1964-1968]

Hamburg, Arvi Tallinna Polütehnikum : 100 aastat tehnikaharidust 2015 / lk. 46-49 : portr https://www.ester.ee/record=b4496718*est

Assessing demand side flexibility with renewable energy resources [Electronic resource]

Mishra, Sambeet; Koduvere, Hardi; Palu, Ivo; Kuhi-Thalfeldt, Reeli; Rosin, Argo 2016 IEEE 16th International Conference on Environment and Electrical Engineering (EEEE) : 7-10 June 2016, Florence, Italy : conference proceedings 2016 / [6] p. : ill. [CD-ROM] <https://doi.org/10.1109/EEEE.2016.7555546>

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

Kilter, Jako; Sarnet, Tanel; Kangro, Triin PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 329-334 : ill

Assessment of voltage instrument transformers accuracy for harmonic measurements in transmission systems [Online resource]

Stiegler, Robert; Meyer, Jan; **Kilter, Jako**; Konzelmann, Simon Proceedings of 2016 17th International Conference on Harmonics and Quality of Power (ICHQP) : Belo Horizonte, Minas Gerais, Brazil, 16-19 October 2016 2016 / p. 152-157 : ill
<https://doi.org/10.1109/ICHQP.2016.7783472>

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

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

Bare overhead conductor thermal rating calculation on the example of Estonian OHL

Šlenduhoov, Vadim; Kilter, Jako 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 2014 / p. 210-213 : ill

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>

Cable diagnostics methods for determining degradation caused by renewable energy production
Kiitam, Ivar; Taklaja, Paul; Niitsoo, Jaan; Hyvonen, Petri 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 220-224 : ill

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

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>

Case studies for power quality monitoring in public distribution grids – some results of working group CIGRE/CIRED C4.112
Meyer, Jan; **Kilter, Jako** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 85-92 : ill

CIGRE/CIRED guidelines for power quality monitoring – measurement locations, processing and presentation of data
Milanovic, Jovica V.; **Kilter, Jako;** Bollen, M. H. J.; Meyer, Jan Electra 2014 / p. 39-47

Cleaner pellet production – an energy consumption study using statistical analysis
Vigants, Haralds; **Uuemaa, Priit;** Veidenbergs, I.; Blumberga, Dagnija Agronomy research 2014 / p. 633-644 : ill
<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202498> [Journal metrics at Scopus](#) [Article at Scopus](#)

Comparison of reducing losses and reducing generation costs during electricity production
Astapov, Victor; Šuvalova, Jelena Proceedings : 2014 15th International Scientific Conference on Electric Power Engineering (EPE) 2014 / p. 49-52 : ill

Concept for Energy Security Matrix
Kisel, Einari; Hamburg, Arvi; Härm, Mihkel; Leppiman, Ando; Ots, Märt Energy policy 2016 / p. 1-9 : ill
<https://doi.org/10.1016/j.enpol.2016.04.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Consequences of distributed generation on power quality
Niitsoo, Jaan; Kütt, Lauri; Taklaja, Paul 14th International Scientific Conference on Electric Power Engineering 2013 : Kouty nad Desnou, Czech Republic, 28 – 30 May 2013 : proceedings 2013 / p. 163-167

Cost-effective optimization of load shifting in the industry by using intermediate storages
Uuemaa, Priit; Kilter, Jako; Valtin, Juhan; Drovtar, Imre; Rosin, Argo; Puusepp, Andres Conference proceedings of IEEE ISGT Europe 2013 : 4th IEEE/PES Innovative Smart Grid Technologies Europe 2013 / [5] p

Critical PQ phenomena and sources of PQ disturbances in PE rich power systems : Deliverable 5.1 [Online resource]
Kilter, Jako; Löper, Mari; Kangro, Triin; Palu, Ivo 2016 [Deliverable 5.1](#)

Current harmonics of EV chargers and effects of diversity to charging load current distortions in distribution networks
Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; **Mölder, Heigo; Niitsoo, Jaan** 2013 International Conference on Connected Vehicles and Expo (ICCVE) : proceedings : Las Vegas, Nevada, USA, 2-6 December 2013 2013 / p. 726-731 : ill
<https://ieeexplore.ieee.org/document/6799884>

Decision-making framework for industrial-size datacenters
Leppiman, Ando; Kotka, Taavi; Kõrbe Kaare, Kati; Koppel, Ott Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 237-242 : 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
Drovtar, 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](#)

Department of Electrical Power Engineering

Valdma, Mati; Oidram, Rein Research activities / Tallinn Technical University 1993 / p. 31-33 https://www.ester.ee/record=b1053754*est

Department of Electrical Power Engineering : annual report 2005

2006 https://www.ester.ee/record=b1637855*est

Department of Electrical Power Engineering : annual report 2006

2007 https://www.ester.ee/record=b1637855*est

Distributed electricity generation and its possibilities for meeting the targets of energy and climate policies = Elektrienergia hajatootmine ja selle võimalused energia- ja kliimapolitiika eesmärkide täitmiseks

Kuhi-Thalfeldt, Reeli 2012

Economical dispatch of power units under fuzziness

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

Eessõna

Tammoja, Heiki; Möller, Kalju Elektroenergeetika instituut aastal 2005 : instituudi tegevuse lühiaruanne 2006 / 1 lk https://www.ester.ee/record=b1515390*est

Eessõna

Tammoja, Heiki; Möller, Kalju Elektroenergeetika instituut aastal 2006 : instituudi tegevuse lühiaruanne 2007 / 1 lk https://www.ester.ee/record=b1515390*est

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; Šlenduhhov, 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; Šlenduhhov, 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%20elektris%C3%BCsteemi%20%C3%BClekandev%C3%B5rgu%20koormuste%20staatilised%20ja%20d%C3%BCnaamilised%20karakteristikud%202.etapp%202016.pdf>

Eesti elektroenergeetika algaastad ja meie kõrgem tehnikaharidus

Metusala, Tiit Elektriala 2013 / lk. 26-27 ; 4, lk. 26-28 : fot

Eesti Elektroenergeetika Selts 1992-2012

2012 http://www.ester.ee/record=b2886267*est

Eesti energeetika 1991-2000

2001

Eesti Inseneride Liit : insenerilooming - ehitised

Hamburg, Arvi 25 aastat Eesti Ehitusinseneride Liitu 2016 / lk. 124-126 : portr

Eesti kõrgema tehnikahariduse algus : [Tallinna Tehnikumi 70. aastapäevale pühendatud aktuse ettekanne]

Metusala, Tiit Tallinna Tehnikum 70 2005 / lk. 13-16 https://www.ester.ee/record=b2096738*est

Eesti tehnoloogiariigiks

Hamburg, Arvi Inseneeria 2014 / lk. 28-29 : portr https://artiklid.elnet.ee/record=b2687423*est

Eesti viies kliimaruanne : ÜRO kliimamuutuste raamkonventsiooni elluviimise kohta

2009 https://www.ester.ee/record=b2695548*est

Ehitiste piksekaitse

Metusala, Tiit 2016 http://www.ester.ee/record=b4603869*est

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

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

Electric vehicle charger load current harmonics variations due to supply voltage level differences - case examples

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; **Mölder, Heigo; Niitsoo, Jaan** 2014 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM) : 18-20 June, 2014, Ischia, Italy : proceedings 2014 / p. 917-922 : ill

Electrical network load monitoring

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

Electrical network load monitoring

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

Electricity cost as a driver of competitiveness in Northern Europe : the case of Estonia

Viiding, Marko; **Kallemets, Kalev; Pikk, Peeter** Transition Studies Review 2013 / p. 367-381 <https://doi.org/10.1007/s11300-012-0252-4> <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11300-012-0252-4> Journal metrics at Scopus Article at Scopus

Elektri hajatootmine

Tammoja, Heiki Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 52-54 : ill https://www.ester.ee/record=b1212786*est

Elektrienergiaarvestite analüüs moonutatud voolu korral

Niitsoo, Jaan TalveAkadeemia 2013 : [teaduslikud lühiaartiklid]. Kogumik 11/2013 2013 / lk. 90-100 : ill

Elektrijaamade struktuur Eesti energiasüsteemis

Tammoja, Heiki Elektriala 2007 / lk. 28-30 https://www.ester.ee/record=b1240496*est

Elektriraudtee ja selle mõjud elektrisüsteemi talitlusele

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

Elektrisüsteemi audit ehk kas paber võib päästa elu?

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

Elektrisüsteemi stabiilsus

Meldorf, Mati; Kilter, Jako 2011 http://www.ester.ee/record=b2753320*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/ettevottest/uuringud/Elektrivorgu_klientide_elektripaigaldiste_yhe_ja_kahepoolse_toite_moju_analyys_varustuskindlusele.pdf

Elektrivõrgu operatiivjuhtimissüsteem

Meldorf, Mati; Tikk, Tõnis; Kilter, Jako 2010 http://www.ester.ee/record=b2668039*est

Elektrivõrgu operatiivjuhtimissüsteem

Meldorf, Mati; Tikk, Tõnis 2001 https://www.ester.ee/record=b1551361*est

Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20, Eesti riiklikud erinõuded (SEN) [Võrguteavik] = Overhead electrical lines exceeding AC 1 kV. Part 2-20, National Normative Aspects (NNA) for Estonia (based on EN 50341-1:2012)

2015 http://www.ester.ee/record=b4469147*est

Elektroenergeetika instituut aastal 2002 : instituudi tegevuse lühiaruanne 2003

Elektroenergeetika instituut aastal 2003 : instituudi tegevuse lühiaruanne

2004 https://www.ester.ee/record=b1515390*est

Elektroenergeetika instituut aastal 2004 : instituudi tegevuse lühiaruanne

2005 https://www.ester.ee/record=b1515390*est

Elektroenergeetika instituut aastal 2005 : instituudi tegevuse lühiaruanne

2006 https://www.ester.ee/record=b1515390*est

Elektroenergeetika instituut aastal 2006 : instituudi tegevuse lühiaruanne

2007 https://www.ester.ee/record=b1515390*est

Elektroenergeetika põhimõisteid : [õppevahend]

1995 https://www.ester.ee/record=b1067801*est

Elektrotehnika [TTÜs]

Valdma, Mati 75 aastat Tallinna Tehnikaülikooli 1994 / lk. 59-63 https://www.ester.ee/record=b1066846*est

Energeetikanõukogu

Hamburg, Arvi Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 33-35

Energeetikanõukogu

Hamburg, Arvi Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014 2015 / lk. 29-31

Energeetikanõukogu

Hamburg, Arvi Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2013 2014 / lk. 33-34

Energia tootmine ja kasutamine põllumajanduses : [posterettekannet konverentsil]

Hamburg, Arvi Kuhu lähed Eesti Põllumajandus 2014-2020? : konverents, Tallinn, 29. novembril 2013. a 2013 / 6 lk. : ill

Energiakadudest elektrivõrkudes

Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan Eesti Energia Kuukiri 1998 / lk. 7-9, 21-23 : ill

https://www.ester.ee/record=b1072035*est

Energiastrateegia, energiapuudulikkus ja töökindlad elektrivõrgud

Lehtla, Tõnu; Valtin, Juhan Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 22-25

Energy council

Hamburg, Arvi Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2013 2014 / p. 36-38

Energy council

Hamburg, Arvi Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014 2015 / p. 31-33

Energy council

Hamburg, Arvi Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2015 2016 / p. 38-40

Estimating the harmonic distortions in a distribution network supplying EV charging load using practical source data - case example

Kütt, Lauri; Saarijärvi, Eero; Lehtonen, Matti; Mölder, Heigo; Niitsoo, Jaan 2014 IEEE Power and Energy Society General Meeting : National Harbor, MD, USA, 27-31 July 2014 2014 / [5] p. : ill

Estimation of errors in the cumulative Monte Carlo fission source

Tuttelberg, Kaur; Dufek, Jan Annals of nuclear energy 2014 / p. 151-155 : ill

EstLink 1 ja EstLink 2 : sarnased või sootuks erinevad elektriühendused Soomega?

Haug, Reigo; Kilter, Jako Inseneria 2014 / lk. 34-35 https://artiklid.elnet.ee/record=b2664996*est

Estonian experience in implementation of incentive type of price regulation [Online resource]

Ots, Märt; Kisel, Einari; Hamburg, Arvi; Mere, Tarmo 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : October 13, 14, 2016 : conference proceedings 2016 / [5] p. : ill
<https://doi.org/10.1109/RTUCON.2016.7763082>

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

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

Euroliit on teinud hõõglambist poliitvangi

Niitsoo, Jaan Eesti Päevaleht 2011 / lk. 4

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

Evaluation of investments profitability in conventional power generation sector in Estonia

Pulkkinen, Svetlana 2015 12th International Conference on the European Energy Market (EEM) : Lisbon, 19-22 May 2015, Portugal 2015 / [5] p. : ill <http://dx.doi.org/10.1109/EEM.2015.7216768>

Excitation system models of generators of Balti and Eesti power plants

Attikas, Raivo; Tammoja, Heiki Oil shale 2007 / p. 285-295 : ill

https://www.researchgate.net/publication/241262907_Excitation_system_models_of_generators_of_Balti_and_Eesti_power_plants

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

Exploring the influence of knowledge created with LEAP model in Strategic Environmental Assessment of Estonian energy policy [Electronic resource]

Kuldna, Piret; Peterson, Kaja; **Kuhi-Thalfeldt, Reeli** 3rd European Environmental Evaluators Network Forum "Linking evaluation findings to enhancing sustainability" : 28-29 April, 2014, Finnish Environment Institute, Helsinki, Finland 2014

<http://www.environmentalevaluators.net/wp-content/uploads/2014/05/Kuldna.pdf>

Facing distorted current and undesirable consumption in smart grids

Niitsoo, Jaan; Šuvalova, Jelena; Haas, Ats; Palu, Ivo; Taklaja, Paul 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 142-146 : ill

Factors influencing multicriteria optimization process

Astapov, Victor; Šuvalova, Jelena Proceedings of the 2015 16th International Scientific Conference on Electric Power Engineering (EPE) : May 20-22, 2015, Czech Republic 2015 / p. 192-197 : ill <http://dx.doi.org/10.1109/EPE.2015.7161190>

A feasibility analysis of decentralized solar power using RETScreen in Odisha

Mishra, Sambeet; Tripathy, Pratyasha; Ali, Sayed Majid 2015 International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO) : Visakhapatnam, India, 24-25 January 2015 2015 / [6] p. : ill

<https://doi.org/10.1109/EESCO.2015.7253739>

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

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

Future outlook and current situation for security of gas supply in Eastern Baltic region

Leppiman, Ando; Kõrbe Kaare, Kati; Koppel, Ott World Academy of Science, Engineering and Technology. International journal of social, human science and engineering 2013 / p. 1287-1294 : ill

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

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

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

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

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

Milanovic, Jovica V.; **Kilter, Jako** 2014

Haritus, inseneeria ja energeetika

Hamburg, Arvi Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 18-21

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

Niitsoo, Jaan; Kilter, Jako; Palu, Ivo; Taklaja, Paul; Kütt, Lauri Proceedings of IEEE AFRICON 2013 Conference : 9-12

September 2013, Mauritius 2013 / p. 184-188 <https://doi.org/10.1109/AFRICON.2013.6757800> [Conference Proceedings at Scopus](#)

HVDC connection of offshore wind power plants

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

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

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

Impact of wind parks on power system containing thermal power plants = Tuuleparkide mõju soojuselektrijaamadega energiasüsteemile

Palu, Ivo 2009 https://www.ester.ee/record=b2508519*est

Impact of wind parks on the efficiency of thermal power plants [Electronic resource]

Astapov, Victor; Suvalova, Jelena; Vaimann, Toomas; Kallaste, Ants; Belahcen, Anouar Proceedings of the 8th International Scientific Symposium on Electrical Power Engineering ELEKTROENERGETIKA 2015 : September 16-18, 2015, Stara Lesna, Slovak Republic 2015 / p. 589-592 : ill. [CD-ROM]

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

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

Implementation of industrial robots in instruction at Tallinn University of Technology

Müür, Margus 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 197-200 : ill

Implications of digitalization in facilitating socio-technical energy transitions in Europe

Veskioja, Kaija; Soe, Ralf-Martin Energy research & social science 2022 / art. 102720 <https://doi.org/10.1016/j.erss.2022.102720>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improving security of gas supply in Eastern Baltic region : LNG terminal alternatives

Leppiman, Ando; Kõrbe Kaare, Kati; Koppel, Ott International journal of energy 2014 / p. 1-7

Impulse characteristics of 24 kV overhead line pin insulators

Taklaja, Paul; Hyvönen, Petri; Niitsoo, Jaan; Palu, Ivo; Klüss, Joni 12th International Conference on Environment and Electrical Engineering (EEEIC) : Wroclaw, Poland, 5-8 May 2013 2013 / p. 641-645 : ill <https://ieeexplore.ieee.org/document/6549575>

Increasing renewable fraction by smoothing consumer power charts in grid-connected wind-solar hybrid systems

Annuk, Andres; **Tammoja, Heiki** Oil shale 2013 / p. 257-267 : ill https://artiklid.elnet.ee/record=b2631746*est
<https://doi.org/10.3176/oil.2013.2S.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Industrial CHP excess heat efficient usage for cooling

Uuemaa, Priit; Vigants, Haralds; Blumberga, Dagnija; **Drovtar, Imre** Energetika 2014 / p. 136-148 : ill
<https://www.lmaleidykla.lt/ojs/index.php/energetika/article/view/2937> [Journal metrics at Scopus](#) [Article at Scopus](#)

Industrial CHP optimal management in the energy market under incomplete information

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

Industrial CHP optimal management model in the energy market under incomplete information = Tööstusliku koostootmisjaama juhtimismudeli loomine energiaturu tingimustes arvestades info mittetäielikkust

Uuemaa, Priit 2014 https://www.ester.ee/record=b3088088*est

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

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

Inkoon voimalaitoksen käytön optimointijärjestelmä INKOPT : aruanne, töö šiffer AE-1/94 : (teadussuuna klass): 2.5 energeetika

Valdma, Mati; Keel, Matti; Liik, Olev; Tammoja, Heiki 1994

Innovatsioon : teooria ja praktika

Hamburg, Arvi; Kõrna, Arno 2009 https://www.ester.ee/record=b2505331*est

Jaotusvõrgud

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

[Juhtkiri]

Metusala, Tiit Elektriala 2016 / lk. 5

Kahjud välgust 2016. aasta suvel

Metusala, Tiit Elektriala 2016 / lk. 34-35 : ill http://www.ester.ee/record=b1240496*est https://artiklid.elnet.ee/record=b2803339*est

20 aastat tegusat koostööd

Metusala, Tiit Mente et Manu 2015 / lk. 18 : portr https://artiklid.elnet.ee/record=b2711287*est

25 aastat Eesti Inseneride Liitu ja 95 aastat inseneriliikumist

Hamburg, Arvi Inseneria 2013 / lk. 48-49 : ill https://artiklid.elnet.ee/record=b2654820*est

Kas energiajulgeolek on midagi uut?

Hamburg, Arvi Sirp 2014 / lk. 33 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/kas-energiajulgeolek-on-midagi-uut-2/>

Knowledge brokering on emissions modelling in Strategic Environmental Assessment of Estonian energy policy with special reference to the LEAP model

Kuldna, Piret; Peterson, Kaja; Kuhi-Thalfeldt, Reeli Environmental impact assessment review 2015 / p. 55-60

<https://doi.org/10.1016/j.eiar.2015.06.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Koostootmisjaamad tasakaalustama elektrituulikuid?

Tammoja, Heiki; Terno, Olaf Elektriala 2006 / 1, lk. 12-13

Kukersiit ja konnatahvel : meie energia lugu

Bachmann, Marina; Ilp, Reilika; Metusala, Tiit 2014 https://www.ester.ee/record=b3068804*est

Kukersite and mudstone : the story of our energy

Bachmann, Marina; Ilp, Reilika; Metusala, Tiit 2014 https://www.ester.ee/record=b3068808*est

Kõrgepingeline katsetehnika. Osa 1, Üldised määratlused ja katsenõuded = High-voltage test techniques. Part 1, General definitions and test requirements (IEC 60060-1:2010)

2013 https://www.ester.ee/record=b2931355*est

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

Drovtar, Imre; Rosin, Argo; Landsberg, Mart; Kilter, Jako IEEE PowerTech 2013, Grenoble, France, 16-20 June 2013 : proceedings 2013 / [6] p

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

Large-scale integration of wind energy into the power system considering the uncertainty information = Elektrituulikute integreerimine energiasüsteemi arvestades informatsiooni mittetäielikkust

Agabus, Hannes 2009 http://www.ester.ee/record=b2508634*est

Linn ja energeetika

Hamburg, Arvi; Terk, Erik Hea linn : Tallinna visioonikonverentsid 2013 / lk. 81-91

Load control implementation in the energy intensive industry

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

Long-term capacity planning and feasibility of nuclear power in Estonia under uncertain conditions = Pikaajaline elektritootmisvõimsuste planeerimine ja tuumaelektrijaama tasuvus Eestis määramatuse tingimustes

Landsberg, Mart 2008 https://www.ester.ee/record=b2449421*est

Lühised elektrisüsteemides

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

Main bird excrement contamination type causing insulator flashovers in 110 kV overhead power lines in Estonia

Taklaja, Paul; Oidram, Rein; Niitsoo, Jaan; Palu, Ivo Oil shale 2013 / p. 211-224 : ill https://artiklid.elnet.ee/record=b2631738*est <https://doi.org/10.3176/oil.2013.2S.03> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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
https://www.ester.ee/record=b5680977*est

Materjalitehnika : õpperaamat

Hendre, Enn; Kulu, Priit; Kübarsepp, Jakob; Metusala, Tiit; Tapupere, Olev 2003 http://www.ester.ee/record=b1809587*est

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

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

Mida äikese ajal ei tohi teha

Metusala, Tiit Elektriala 2014 / lk. 16-18 : ill https://artiklid.elnet.ee/record=b2670492*est

Mille poolest erinevad piksekaitseklassid

Metusala, Tiit Elektriala 2016 / lk. 6-9 : ill https://artiklid.elnet.ee/record=b2776858*est

Mis jäi tehnikamehele silma külaskäikult [p.o. külaskäigult] Austraaliasse : [fotod allkirjadega]

Metusala, Tiit Elektriala 2016 / lk. 31 : fot

Modal transformation matrices for phasor measurement based line parameter estimations

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

Modeling and analysis of the synchronous generators excitation systems

Slenduhhov, Vadim; Kilter, Jako 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 252-257 : ill

Modelling EVs in residential distribution grid with other nonlinear loads [Electronic resource]

Niitsoo, Jaan; Taklaja, Paul; Palu, Ivo; Kiitam, Ivar 2015 IEEE 15th International Conference on Environment and Electrical Engineering : conference proceedings : June 10-13, 2015, Rome 2015 / p. 1543-1548 : ill. [CD-ROM]
<http://dx.doi.org/10.1109/EEEIC.2015.7165401>

Modelling of control systems and optimal operation of power units in thermal power plants = Energiaplokkide juhtimissüsteemide modelleerimine ja talitluse optimeerimine soojuselektrijaamades

Attikas, Raivo 2014 http://www.ester.ee/record=b4417576*est

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

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

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 2015 / p. 161-164 : ill

Modelling of solar-wind hybrid renewable energy system architectures

Mishra, Sambeet; Koduvere, Hardi; Palu, Ivo; Kuhi-Thalfeldt, Reeli 2016 IEEE International Energy Conference (ENERGYCON) : [Leuven, Belgium, 4-8 April 2016] 2016 / [6] p. : ill <https://doi.org/10.1109/ENERGYCON.2016.7513942>

Monitoring of electrical distribution network operation = Jaotusvõrgu talitluse seire

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

Monte Carlo criticality calculations accelerated by a growing neutron population

Dufek, Jan; Tuttelberg, Kaur Annals of nuclear energy 2016 / p. 16-21 : ill <https://doi.org/10.1016/j.anucene.2016.02.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Musta kirja '97 : elektroizstradajumu katalogs

1997

Mõõtetrafod : kolme faasilised induktiivpingetrafod pingega Um kuni 52 kV = Instrument transformers : three-phase inductive voltage transformers having Um up to 52 kV

2010 https://www.ester.ee/record=b2623174*est

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

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

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

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

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

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

Naisteadlasi kütkestab vaheldusrikkus ja võimalus maailma muuta

Grossberg-Kuusk, Maarja; Volkova, Anna; Miller, Annette; Roos, Kristine; Tammik, Mari-Liis; Kuhi-Thalfeldt, Reeli; Avarmaa, Mari; Stein, Mari-Klara novaator.err.ee 2023 [Naisteadlasi kütkestab vaheldusrikkus ja võimalus maailma muuta](#)

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

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

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

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

Network quality indicators and overview of long-term load forecasting models

Laanetu, Margus; Hõbejõgi, Tiit 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 192-196 : ill

Neutron batch size optimisation methodology for Monte Carlo criticality calculations

Tuttelberg, Kaur; Dufek, Jan Annals of nuclear energy 2015 / p. 620-626 : ill <http://dx.doi.org/10.1016/j.anucene.2014.09.011>

Nordic and Baltic wind generation influence to Estonian thermal power plants production

Ulm, Lauri; Palu, Ivo PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 171-174 <https://doi.org/10.1109/PQ.2016.7724108>

Ohutusmeetmed riski vähendamiseks väljaspool ehitist [Võrguteavik] = Safety procedures for reduction of risk outside a structure (IEC/TR 62713:2013)

2015 http://www.ester.ee/record=b4457318*est

Olev Liik : 25.02.1957 - 12.08.2005 : artiklid. Publikatsioonid

Liik, Olev; Tihamäe, Avo; Keevallik, Andres; Leisalu, Aarne 2007 https://www.ester.ee/record=b2238226*est

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

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

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

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

Optimal load dispatch in power plant under probabilistic and uncertain information

Tammoja, Heiki; Valdma, Mati; Keel, Matti WSEAS transactions on power systems 2006 / p. 754-759 : ill

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 operation of oil shale power plants in Estonian power system

Tammoja, Heiki; Valdma, Mati; Keel, Matti; Šuvalova, Jelena International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 45

Optimal placement of branch PMUs for specified redundancy and line observability

Tuttelberg, Kaur; Kilter, Jako 2015 IEEE Power & Energy Society General Meeting (PESGM 2015) : Denver, CO, USA, July 26-30,

Optimization of power system operation : editor's page

Tammoja, Heiki Oil shale 2013 / p. 193-194 https://artiklid.elnet.ee/record=b2631735*est <https://doi.org/10.3176/oil.2013.2S.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of thermal power plants operation

Valdma, Mati; Tammoja, Heiki; Keel, Matti 2009 http://www.ester.ee/record=b2465743*est

Overview of intraday variable tariff system

Kivipõld, Tanel 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 236-237 : ill

Performance of the explicit Euler and predictor-corrector-based coupling schemes in Monte Carlo burnup calculations of fast reactors

Mickus, Ignas; Dufek, Jan; Tuttelberg, Kaur Nuclear technology 2015 / p. 193-198 : ill <https://doi.org/10.13182/NT14-48> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Piksekaitse. Osa 1, Üldpõhimõtted = Protection against lightning. Part 1, General principles

2007 https://www.ester.ee/record=b2237838*est

Piksekaitse. Osa 3, Ehitistele tekitatavad füüsikalised kahjustused ja oht elule

2007 https://www.ester.ee/record=b2238082*est

Piksekaitseklassid ja piksekaitset reguleerivad määrused meil ja mujal

Metusala, Tiit Elektriala 2013 / lk. 17-19 ; 6, lk. 26-27: ill

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

Hõbejõgi, Tiit 2016 <https://digi.lib.ttu.ee/ii/?4123> https://www.ester.ee/record=b4556548*est

Possible energy sector trends in Estonia : context of climate change

Kask, Ilmar; Esop, Markko-Raul; Pallo, Toomas; Liik, Olev; Raesaar, Peeter; Selg, Vello; Valma, Arno; Kask, Ülo; Purju, Alari; Kallaste, Tiit 1999 https://www.ester.ee/record=b1275146*est

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

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

Power quality issues concerning photovoltaic generation in distribution grids

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

Power system stability monitoring - an approach of electrical load modelling

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

Practical E-field sensors for EMP testing

Klüss, Joni; Hyvönen, Petri ICHVE 2014 : 2014 International Conference on High Voltage Engineering and Application : 8-11 September 2014, Poznan, Poland 2014 / [4] p. : ill

Practical implementation of price regulation in energy sector = Hinnaregulatsiooni praktiline rakendamine energeetika sektoris

Ots, Märt 2016 <https://digi.lib.ttu.ee/ii/?5351> https://www.ester.ee/record=b4573388*est https://www.ester.ee/record=b4573388*est

Preventing bird streamer outages using alternative tower configurations

Taklaja, Paul; Hyvönen, Petri; Klüss, Joni; **Niitsoo, Jaan; Palu, Ivo** IEEE transactions on power delivery 2014 / p. 2402-2409 : ill <https://doi.org/10.1109/TPWRD.2014.2303084> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Producing electricity from biogas : the new possibilities for farms

Astapov, Victor 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 110-112 : ill

Progress in development of renewable electricity in Northern Europe in the context of the EU 2020 renewables target

Cross, Sam; Hast, Aira; Syri, Sanna; Kuhi-Thalfeldt, Reeli; Valtin, Juhan 2013 10th International Conference on the European Energy Market (EEM) : 27-31 May 2013, Stockholm, Sweden 2013 / [8] p. : ill <https://ieeexplore.ieee.org/document/6607398>

Progress in renewable electricity in Northern Europe towards EU 2020 targets

Cross, Sam; Hast, Aira; **Kuhi-Thalfeldt, Reeli**; Syri, Sanna; Streimikiene, Dalia; Denina, Arta Renewable and Sustainable Energy Reviews 2015 / p. 1768 - 1780 <https://doi.org/10.1016/j.rser.2015.07.165> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quo vadis, soojuse ja elektri koostootmine Eestis?

Tammoja, Heiki Elektriala 2006 / lk. 16-17 : ill

Rakennusten pienjännite- ja televerkkojen maadoittaminen sähköturvallisuuden ja häiriösuojausten kannalta : työ ... tekniikan lisensiaatin arvon saamiseksi

Taimisto, Samuli 1993 https://www.ester.ee/record=b2677080*est

Rassi talgud

2023

Reaktiivenergia tarbimise analüüs Tallinna Tehnikaülikooli hoonetes [Elektroniline publikatsioon]

Kangro, Triin; Kilter, Jako; Palu, Ivo 2015

Real-time electricity tariff system for retail market = Reaalaja tariifisüsteem jaeturule

Kivipõld, Tanel 2014 https://www.ester.ee/record=b3087313*est

Real-time estimation of transmission losses from PMU measurements

Tuttelberg, Kaur; Kilter, Jako IEEE PowerTech 2015 : Eindhoven, Holland, 29 June-02 July, 2015 2015 / [5] p. : ill

<http://dx.doi.org/10.1109/PTC.2015.7232313>

Re-assessment of CO2 and SO2 emissions in energy sector by using LEAP-model : experiences from Estonian energy sector planning

Kuldna, Piret; **Kuhi-Thalfeldt, Reeli**; Peterson, Kaja LIAISE Policy Brief 2013 / [9] p. : ill https://refubium.fu-berlin.de/bitstream/handle/fub188/18135/LIAISE_Policy_brief_03.pdf?sequence=1&isAllowed=y

Reduction of CO2 emissions in Estonia during 2000-2030

Agabus, Hannes; Landsberg, Mart; Tammoja, Heiki Oil shale 2007 / p. 209-224 : ill

https://www.researchgate.net/publication/228625117_Reduction_of_C_O_sub_2_emissions_in_Estonia_during_2000-2030

Regression analysis of time series for forecasting the electricity consumption of small consumers in case of an hourly pricing system

Kivipõld, Tanel; Valtin, Juhan Advances in Automatic Control, Modelling & Simulation : proceedings of the 15th International Conference on Automatic Control, Modelling & Simulation (ACMOS '13) : Brasov, Romania, June 1-3, 2013 2013 / p. 127-132

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 / p. 197-208 : ill

https://www.researchgate.net/publication/228623749_Reliability_of_electric_power_generation_in_power_systems_with_thermal_and_wind_plants

Replacement of the regulated price of oil shale-based electricity with open-market price and real-time tariff system opportunities

Kivipõld, Tanel; Valtin, Juhan Oil shale 2013 / p. 195-210 : ill https://artiklid.elnet.ee/record=b2631736*est

<https://doi.org/10.3176/oil.2013.2S.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Residential load harmonics in distribution grid

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

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

Niitsoo, Jaan 2016 <https://digi.lib.ttu.ee/i/?6995> https://www.ester.ee/record=b4640583*est

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

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

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

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

Riia Tehnikaülikooli panus elektrotehnika õpetamisse Eestis

Metusala, Tiit Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 61-65

110 kV õhuliinide isolatsiooni töökindluse analüüs ja töökindluse tõstmise meetodid = The study of 110 kV power grid reliability and the measures to decrease insulation failure

Taklaja, Paul 2012 http://www.ester.ee/record=b2857612*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 https://www.ester.ee/record=b5680981*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

Security of gas supply in Eastern Baltic region : current situation and future outlook

Leppiman, Ando; Körbe Kaare, Kati; Koppel, Ott Recent Advances in Energy Planning and Environment : proceedings of the 7th WSEAS International Conference on Energy Planning, Energy Saving, Environmental Education (EPESE '13), Paris, France, October 29-31, 2013 2013 / p. 71-80 : ill

Seis, pinge, ehk, Luuletused elektrimaterjalide laborist

2016 http://www.ester.ee/record=b4557671*est <https://digi.lib.ttu.ee/i/?4756>

Smooth coordination and management of impact of EstLink 2 transmission testing on electricity markets, power system operations and system technical performance

Rauhala, T.; Laasonen, M.; Kilter, Jako CIGRE Session 2016 : 21-26 August 2016, Paris, France 2016 / p. 1-11

Soojuselektrijaamade talitluse optimeerimine

Valdma, Mati; Tammoja, Heiki; Keel, Matti 2008 https://www.ester.ee/record=b2431295*est

Steady-state monitoring of power system

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

STORM in Monte Carlo reactor physics calculations

Tuttelberg, Kaur 2014 https://www.ester.ee/record=b4556333*est

Säästulamp toob kaasa uued probleemid

Niitsoo, Jaan Inseneeria 2011 / lk. 24-26 : ill https://www.ester.ee/record=b1519314*est

Systematic approach to economic regulation of network industries in Estonia

Uukkivi, Raigo; Ots, Märt; Koppel, Ott Trames 2014 / p. 221-241 https://artiklid.elnet.ee/record=b2682780*est

<https://doi.org/10.3176/tr.2014.3.02> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Taastuenergia sektoris tekkinud olukorra analüüs

Oidram, Rein Elektriala 2015 / lk. 16-19 : ill https://artiklid.elnet.ee/record=b2714689*est

Taastuenergia tehnoloogiate arendamine ning rakendamine sõltumatu energia ja veevarustusega küla näitel

Kitzmann, Harald; Balaš, Anna; Valler, Silja TEUK XI : Taastuvate energiaallikate uurimine ja kasutamine : üheteistkümnenda konverentsi kogumik : Tartu, Estonia, 2009 2009 / lk. 16-21

Taastuenergia võimalused Eestis ja Saaremaal : [slaidietekanne]

Landsberg, Mart; Agabus, Hannes; Liik, Olev Ühisseminar "Tallinna Tehnikaülikoolilt ettevõtlusele" : 18. jaanuaril 2005 SPA hotellis Meri [Kuressaares : ettekannete mapp] 2005 / 5 l. : ill

Tallinna Tehnikaülikool. Elektroenergeetika instituut 1918-2008

2008 http://www.ester.ee/record=b2412840*est

Technical-economic analysis of distributed generation units in power systems = Elektri hajatootjate tehnilis-majanduslik analüüs energiasüsteemis

Astapov, Victor 2015 http://www.ester.ee/record=b4494703*est

Teemat vahetada pole probleem

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

Test setup for measuring medium voltage power cable and joint temperature in high current tests using thermocouples [Online resource]

Taklaja, Paul; Kiitam, Ivar; Hyvönen, Petri; Klüss, Joni 34th Electrical Insulation Conference : Hotel Bonaventure, Montreal, Qc, Canada, 19-22 June 2016 : proceedings 2016 / p. 480-483 : ill <https://doi.org/10.1109/EIC.2016.7548642>

The challenges for fossil fuel power system associated with integration of large scale renewable generation

Knõš, Izabella; Landsberg, Mart; Valtin, Juhan Proceedings of the 2014 International Conference & Utility Exhibition on Green Energy for Sustainable Development (ICUE) : Jomtien Palm Beach Hotel and Resort, Pattaya City, Thailand 19-21 March 2014 2014 / [8 p] <https://ieeexplore.ieee.org/document/6828891>

The comparative analysis of fuel costs for generation process (based on the example of IEEE 30-bus test system)

Astapov, Victor; Šuvalova, Jelena 14th International Scientific Conference on Electric Power Engineering 2013 : Kouty nad Desnou, Czech Republic, 28 - 30 May 2013 : proceedings 2013 / p. 187-189

The evaluation of wind power forecasting accuracy in Estonia

Ulm, Lauri 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 2014 / p. 123-124 : ill

The in-depth evaluation of wind power forecasting accuracy in Estonia : the role of technical availability

Ulm, Lauri; Palu, Ivo 13th Wind Integration Workshop : International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants : 11-13 November, 2014, Berlin, Germany : proceedings 2014 / [4] p. : ill

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

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

Thermographic diagnostics of electrical equipment of Eesti Energia Ltd.

Dorovatovski, Nikolai 2004 http://www.ester.ee/record=b1987660*est

Tundkem oma väärikaid eelkäijaid : [insener Johannes Voldemar Veerus]

Metusala, Tiit Nädal / Eesti Energia 2003 / lk. 3-4, 10. juuli, lk. 4 : ill., fot https://www.ester.ee/record=b5668732*est

Tuumaenergiahuvilistel tuleb piiri taha sõita

Kiitam, Ivar Inseneeria 2013 / lk. 34-35 : ill https://artiklid.elnet.ee/record=b2631121*est

Tänavu pürgib neljale akadeemikukohale 20 kandidaati [Võrguväljaanne]

novaator.err.ee 2021 / fot [Tänavu pürgib neljale akadeemikukohale 20 kandidaati](https://artiklid.elnet.ee/record=b2631121*est)

Unista suurelt ja valmistu muutma ehk viis väljakutset insenerile

Hamburg, Arvi Inseneeria 2013 / lk. 14 https://artiklid.elnet.ee/record=b2645240*est

A user interface tool for ramping behavior analysis of renewable energy

Mishra, Sambeet; Palu, Ivo PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 175-178 : ill <https://doi.org/10.1109/PQ.2016.7724109>

Uuenenud standardisari EVS-EN 50341 "Elektriõhuliinid vahelduvpingega üle 1 kV"

Metusala, Tiit Elektriala 2015 / lk. 30-31 : ill https://artiklid.elnet.ee/record=b2725545*est

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

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

VKG Energia soojuselektrijaamade talitluse optimeerimise meetoodika ja vastava arvutitarkvaresüsteemi loomine : lepingu 115-14 1. etapi aruanne

Keel, Matti; Valdma, Mati; Tammoja, Heiki; Šuvalova, Jelena 2015

Volt-time characteristics of medium voltage overhead line porcelain pin insulators

Taklaja, Paul; Hyvönen, Petri; Niitsoo, Jaan; Palu, Ivo; Klüss, Joni; Kütt, Lauri 14th International Scientific Conference on Electric Power Engineering 2013 : Kouty nad Desnou, Czech Republic, 28 – 30 May 2013 : proceedings 2013 / p. 423-427

Õnnitleme! Olev Tapupere 70?!! : [intervjuu]

Tapupere, Olev Tehnikaülikool 2000 / lk. 8 https://www.ester.ee/record=b5309277*est

Кукерсит и аргиллит : история нашей энергии

Bahmann, Marina; **Metusala, Tiit** 2014 https://www.ester.ee/record=b4409505*est