

AC-voltage performance of field aged glass insulator strings

Hyvönen, 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

Assessment of corona loss performance on aging transmission lines using PMU measurements

Gupta, Pradeep Kumar; Tuttelberg, Kaur; Kilter, Jako Energy reports 2023 / p. 215-219 <https://doi.org/10.1016/j.egy.2023.09.160>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design of high-frequency transient current sensor for powerline on-line measurement

Kütt, Lauri; Järvi, Jaan; Kilter, Jako; Shafiq, Muhammad; Lehtonen, Matti Electrical and control technologies : proceedings of the 7th international conference on electrical and control technologies ECT-2012 2012 / p. 212-216 : ill
<https://research.aalto.fi/publications/design-of-high-frequency-transient-current-sensor-for-powerline-o>

Distantkaitse loogikaosa

Allika, M.; Simpson, V. XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 69 https://www.ester.ee/record=b2449987*est

Distantkaitse pendeldusblokeering

Ivanov, I.; Simpson, V. XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 68 https://www.ester.ee/record=b2449987*est

Effect of distributed photovoltaic generation on the voltage magnitude in a self-contained power supply system

Lukutin, Boris V.; Shandarova, Elena B.; Makarova, A.F.; **Švartsman, Inna** International Scientific and Practical Conference on Urgent Problems of Modern Mechanical Engineering 17–18 December 2015, Yurga, Russia 2016 / art. 012005
<https://doi.org/10.1088/1757-899X/127/1/012005> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Eksperdid: päikesetormide mõju pärast tänapäeval enam muretsema ei pea

Piir, Rait novaator.err.ee 2024 [Eksperdid: päikesetormide mõju pärast tänapäeval enam muretsema ei pea](#)

Elekter levib liinideta

Krustok, Jüri Luup 1996 / 16, lk. 48-49

Elekter on kaup

Veiderma, Mihkel Eesti Päevaleht 1997 / 17. märts: ill

Elektriliiniseadmed madalpingepaigaldistes [Võrguteavik] : raadiohäiringute tunnussuurused. Piirväärtused ja mõõtemetodid. Osa 1, Majasisene aparatuur = Power line communication apparatus used in low-voltage installations : radio disturbance characteristics. Limits and methods of measurement. Part 1, Apparatus for in-home use

2015 http://www.ester.ee/record=b4460215*est

Elektriõhuliinid vahelduvpingega üle 1 kV kuni 45 kV

Raesaar, Peeter; Metusala, Tiit 2008 https://www.ester.ee/record=b2379547*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

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)

2018 https://www.ester.ee/record=b5186383*est

Elektriõhuliinid vahelduvpingega üle 45 kV

Raesaar, Peeter; Metusala, Tiit; Tiigimägi, Eeli 2006 https://www.ester.ee/record=b2183367*est

Elektriõhuliinid vahelduvpingega üle 45 kV

Raesaar, Peeter; Metusala, Tiit 2007 https://www.ester.ee/record=b2237817*est

Elektriõhuliinid vahelduvpingega üle 45 kV

Raesaar, Peeter; Metusala, Tiit; Tiigimägi, Eeli 2009 https://www.ester.ee/record=b2536964*est

Experiments with travelling wave transients for verification of suitability of sensor

Kütt, Lauri; Järvi, Jaan 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. 149-152 : ill

Experts: No need to worry about the impact of solar storms today

Piir, Rait news.err.ee 2024 [Experts: No need to worry about the impact of solar storms today](#)

Homogeensed liinid : loengukonspekt

Veske, Toivo; Valdur, Lembit; Külm, Evald 1988 https://www.ester.ee/record=b1230783*est

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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation and field measurements for demand side management control technique of smart air conditioners located at residential, commercial, and industrial sites

Masood, Bilal; Guobing, Song; Nebhen, Jamel; Rehman, Ateeq Ur; Iqbal, Muhammad Naveed; Rasheed, Iftikhar; Bajaj, Mohit; Shafiq, Muhammad; Hamam, Habib Energies 2022 / art. 2482, 23 p. : ill <https://doi.org/10.3390/en15072482> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Millal ilmusid Eestimaale esimesed elektriliinid? Vastus - 1855!

Metusala, Tiit Elektriala 2022 / lk. 28-30 : ill <https://ws.lib.ttu.ee/publikatsioonid/Publ/Register/Item/295288>

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

Metusala, Tiit Elektriala 2016 / lk. 31 : fot

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, 2015 2015 / [5] p. : ill <http://dx.doi.org/10.1109/PESGM.2015.7286453>

Overview of power-line communication

Pikner, Rando; Pajumaa, Kenno 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. 28-31 : ill

Raudteelased rakendused. Püsipaigaldised. Elektertranspordi kontaktliinid

Pettai, Elmo 2009 https://www.ester.ee/record=b2529094*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>

100 aastat tagasi jõudis Eestisse 35 kV, järg

Metusala, Tiit Elektriala 2024 / 2, lk. 28-30 fot., portr. ; 3, lk. 28-29 : fot https://www.ester.ee/record=b1240496*est

Soome ekspert: hirmud kõrgepingeliinide mõju pärast on alusetud

Käärt, Ulvar; Metusala, Tiit Eesti Päevaleht 2008 / 15. mai, lk. 7 <https://epl.delfi.ee/artikkel/51129622/soome-ekspert-hirmud-korkepingeliinide-moju-parast-on-alusetud>

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>

Testing of PMU-based transmission loss monitoring application

Löper, Mari; Tuttelberg, Kaur; Kilter, Jako 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. 121-124 : ill http://www.ester.ee/record=b4650094*est

Uncertainty propagation in PMU-based transmission line monitoring

Tuttelberg, Kaur; Kilter, Jako IET generation, transmission & distribution 2018 / p. 745-755 : ill <https://doi.org/10.1049/iet-gtd.2017.0244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The weather impact on corona losses of 330 kV aging transmission lines

Gupta, Pradeep Kumar; Tuttelberg, Kaur; Kilter, Jako IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863024>

Voltage withstand properties of the insulation of different types of medium voltage covered overhead line conductors

Kiitam, Ivar; Taklaja, Paul; Tuttelberg, Kaur 2018 19th International Scientific Conference on Electric Power Engineering (EPE 2018) : Brno, Czech Republic, 16 - 18 May 2018 2018 / p. 18-21 : ill <https://doi.org/10.1109/EPE.2018.8396011>

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

Üle 100 aasta tagused Eesti tööstuselektrijaamad

Metusala, Tiit Elektriala 2023 / lk. 26-29 : ill., portr., fot https://www.ester.ee/record=b1240496*est

Исследование радио- и высокочастотных помех от высоковольтных линий электропередачи

Lihfeld, J.; Tapupere, Olev X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 76 https://www.ester.ee/record=b1749611*est
<http://www.digar.ee/id/nlib-digar:376945>

Ожидаемые технико-экономические показатели управляемых и насыщающихся реакторов для ЛЭП сверхвысокого напряжения

Sepping, Eino; Tellinen, Juhan; Järvik, Jaan Тезисы докладов конференции по теме "Шунтирующие и компенсирующие реакторы высокого напряжения" 1984 / с. 18-19

Операционный усилитель в качестве модели линии электропередачи

Keinaste, H.; Simpson, V. Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 61-62
https://www.ester.ee/record=b1319482*est

Управляемые и насыщающиеся реакторы для ЛЭП сверхвысокого напряжения

Sepping, Eino; Tellinen, Juhan; Nešatajev, Vassili; **Järvik, Jaan** Управляемые электропередачи 1986 / с. 82-92
https://www.ester.ee/record=b2928126*est