Analysis of power consumption and losses in relation to supply voltage levels
Vinnal, Toomas; **Kütt, Lauri**; **Kalda, Heljut** 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 23-28 : ill

Application of boundary conduction mode control in galvanically isolated buck-boost converter
Mashinchi Maheri, Hamed; **Vinnikov, Dmitri**; **Chub, Andrii** 3rd International Conference on Smart Grid and Renewable Energy (SGRE) 2022 / p. 1-6 https://doi.org/10.1109/SGRE53517.2022.9774105

CO2 mineralization by burnt oil shale and cement bypass dust : effect of operating temperature and pre-treatment
Yörük, Can Rüstü; **Uibu, Mai**; **Usta, Mustafa Cem**; **Kaljuvee, Tiit**; **Trikkel, Andres** Journal of thermal analysis and calorimetry 2020 / p. 991–999 : ill https://doi.org/10.1007/s10973-020-09349-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CO2 mineralization by burnt oil shale and cement bypass dust: effect of operating temperature and pre-treatment
Yörük, Can Rüstü; **Uibu, Mai**; **Usta, Mustafa Cem**; **Kaljuvee, Tiit**; **Trikkel, Andres** 2nd Journal of Thermal Analysis and Calorimetry Conference, Budapest, June 18–21, 2019 : book of abstracts 2019 / p. 501 https://jtac-jtacc.akcongress.com/

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

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

Data for occupancy internal heat gain calculation in main building categories
Ahmed, Kaiser; **Kurnitski, Jarek**; Olesen, Bjarne Data in brief 2017 / p. 1030-1034 : tab https://doi.org/10.1016/j.dib.2017.10.036

Dynamic network tariff in practices : key issues and challenges
Singh, Praveen Prakash; **Wen, Fushuan**; **Palu, Ivo** 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies (GUCON) 2021 / p. 1-6 https://doi.org/10.1109/GUCON50781.2021.9573767

Energiakadudest elektrivõrkudes
Raesaar, Peeter; **Tiigimägi, Eeli**; **Valtin, Juhan** Eesti Energia Kuukiri 1998 / 5, lk. 7-9, 21-23 : ill

Energiakaod voolamisel prismaatilistes sängides : esitatud tehniliste teaduste kandidaadi dissertatsioonina
Tepaks, Leo 1947

Energy flows and losses of an electric tram
Joller, Jüri PEDC 2001 : Power Electronics Devices Compatibility : 2nd Conference : 3-5 September 2001, Zielona Gora, Poland 2001 / p. 104-110 : ill

Energy pile field simulation in large buildings: validation of surface boundary assumptions
Ferrantelli, Andrea; **Fadejev, Jevgeni**; **Kurnitski, Jarek** Energies 2019 / art. 770, 20 p. : ill https://doi.org/10.3390/en12050770 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy pile field simulation in large buildings: validation of surface boundary assumptions
Ferrantelli, Andrea; **Fadejev, Jevgeni**; **Kurnitski, Jarek** Energy and technical building systems - scientific and technological advances 2020 / p. 12-31 : ill https://doi.org/10.3390/books978-3-03928-179-4

Estimation of transmission loss components from phasor measurements
Tuttelberg, Kaur; **Kilter, Jako** International journal of electrical power & energy systems 2018 / p. 62-71 : ill https://doi.org/10.1016/j.ijepes.2017.11.040 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental evaluation of GaN gate injection transistors
Rabkowski, Jacek; Barlik, Roman Przeglad elektrotechniczny = Electrical review 2015 / p. 9-12 : ill http://dx.doi.org/10.15199/48.2015.03.03

Impact of transformer turns ratio on the power losses and efficiency of the wide range isolated buck–boost converter for photovoltaic applications
Mashinchi Maheri, Hamed; **Vinnikov, Dmitri**; **Chub, Andrii**; **Sidorov, Vadim**; **Liivik, Elizaveta** Energies 2020 / art. 5645, 21 p https://doi.org/10.3390/en13215645 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Jaotusvõrkude energiakadude analüüs
Raesaar, Peeter; **Tiigimägi, Eeli**; **Pihlak, Andres** Eesti Energia Kuukiri 1998 / 6, lk. 11-13, 25-27; 7, lk. 11-13, 29-31

Jarek Kurnitski: energia kokkuhoid aitab talve üle elada [Võrguväljaanne]
Kurnitski, Jarek err.ee Jarek Kurnitski: energia kokkuhoid aitab talve üle elada

Loss reduction method for the isolated qZS-based DC/DC converter
Zakis, Janis; Rankis, Ivars; **Liivik, Liisa** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 13-18 : ill

Measurements and analyses of supply voltage magnitude and voltage variations in Estonian industrial companies
Vinnal, Toomas; **Kalda, Heljut**; Mõlder, 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

Method to divide heating energy in energy efficient building without direct measuring
Hamburg, Anti; **Kalamees, Targo** Energy procedia 2017 / p. 45-50 : ill https://doi.org/10.1016/j.egypro.2017.09.629

Optimization of mode in distribution electrical grid by using renewable energy sources for rural energy supply
Shokolakova, S.; Keshuov, S.A.; Saukhimov, A.A.; **Šuvalova, Jelena** International journal of mechanical engineering and technology 2018 / p. 1396–1404 https://www.iaeme.com/MasterAdmin/uploadfolder/IJMET_09_07_149/IJMET_09_07_149.pdf Journal metrics at Scopus Article at Scopus

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 metrrics at WOS Article at WOS

Power losses in induction motors in relation to supply voltage quality
Vinnal, Toomas; **Janson, Kuno**; **Kalda, Heljut** PCIM 2010 Power Electronics, Intelligent Motion, Power Quality : Nuremberg, Germany, 4-6 May 2010 2010 / p. 636-642

Research of energy flows and losses in an electric tram
Joller, Jüri Actual Problems of Electrical Drives and Industry Automation : the 3rd Research Symposium of Young Scientists : Tallinn, Estonia, May 19-26, 2001 2001 / p. 71-73 : ill

Review of loss calculation reduction control methods of permanent magnet assisted reluctance drive
Melentjev, Sergei; **Belahcen, Anouar**; **Kallaste, Ants**; **Rassõlkin, Anton**; **Vaimann, Toomas** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 199-206 : ill https://doi.org/10.1109/PQ.2016.7724113

Semi-empirical method for estimation of energy losses in a large-scale pipeline
Laanearu, Janek; **Annus, Ivar**; **Sergejeva, Monika**; **Koppel, Tiit** Procedia engineering 2014 / p. 969-977 : ill

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

The Estonian district heating networks major characteristic parameters difference from the optimal values and efficiency increasing potential
Hlebnikov, Aleksandr; **Siirde, Andres**; **Paist, Aadu** 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. 112-118 : ill

Virtual differential as torque distribution control unit in automotive propulsion systems
Resev, Jüri; **Roosimölder, Lembit** Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 74-77 : ill

Возврат потерь эксергии турбинной ступени
Kuznetsov, Anatoli Теплоэнергетика : сборник статей. 11 1971 / с. 75-85 : илл https://www.ester.ee/record=b2190149*est https://digikogu.taltech.ee/et/Item/fa8b7dc0-954b-4c11-b829-40df45c47f4a/

Коммутационные потери включения в запираемых тиристорах
Kevvai, H.; **Pikkov, Mihhail** Силовые полупроводниковые приборы : сборник статей 1986 / с. 157-160 : ил https://www.ester.ee/record=b1591355*est

Ярек Курнитски : остались ли вообще возможности для экономии? [Online resource]
Kurnitski, Jarek rus.err.ee 2022 Ярек Курнитски : остались ли вообще возможности для экономии?