

## About efficiency of power system state minimax optimization

Liik, Olev Symposium on electrical power engineering, 27 January 1989 1989 / p. 21-26

## Accuracy analysis of selected time series and machine learning methods for smart cities based on Estonian electricity consumption forecast

Häring, Tobias; Ahmadiahangar, Roya; Rosin, Argo; Korõtko, Tarmo; Biechl, Helmuth 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : proceedings 2020 / p. 425-428 : ill  
<https://doi.org/10.1109/CPE-POWERENG48600.2020.9161690>

## Accuracy of voltage unbalance source assessment in three-phase three-wire electrical networks

Bolgov, Viktor; Kalyuzhniy, Dmitry Proceedings of the 2020 Ural Smart Energy Conference (USEC) : 2020 USEC, Ekaterinburg, Russia 13-15 November 2020 2020 / 4 p <https://doi.org/10.1109/USEC50097.2020.9281165>

## Aggregator coordinated transactive energy trading for microgrids

Crasta, Cletus J. 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 105-106 : ill [https://www.estr.ee/record=b5504019\\*est](https://www.estr.ee/record=b5504019*est)

## Akadeemik Lembit Krumm : Energiasüsteemide integratsiooni ja koordinatsiooni nõuab EL : [intervjuu akadeemikuga]

Krumm, Lembit; Aro, Rein Elektrialia 2009 / lk. 12-14 : ill

## Alar Konist: rohelepe ei tohiks põlevkivi välistada [Võrguväljaanne]

postimees.ee 2021 ["Alar Konist: rohelepe ei tohiks põlevkivi välistada"](#)

## An analytic model for fault diagnosis in power distribution systems considering unreliable alarms

Wang, Chongyu; Pang, Kaiyuan; Zhang, Yong; Wen, Fushuan; Palu, Ivo; Xiong, Wen; Chen, Minghui; Shang, Huiyu 2020 IEEE Power & Energy Society General Meeting (GM 2020) 2020 / 5 | <https://doi.org/10.1109/PESGM41954.2020.9281468>

## An improved high-power DC/DC converter for distributed power Generation [Electronic resource]

Vinnikov, Dmitri; Roasto, Indrek; Jalakas, Tanel EPQU'09 : 10th International Conference on Electrical Power Quality and Utilisation : 15-17 September 2009, Lodz, Poland 2009 / [6] p. [CD-ROM]

## An SVM scheme for three-level quasi-switched boost T-type inverter with Enhanced voltage gain and capacitor voltage balance

Tran, Vinh-Thanh; Nguyen, Minh-Khai; Do, Duc-Tri; Vinnikov, Dmitri IEEE transactions on power electronics 2021 / p. 11499-11508  
<https://doi.org/10.1109/TPEL.2021.3071011> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Analysis of CO2 emission reduction options in the Estonian energy system

Esop, Markko-Raul; Liik, Olev Baltic electrical engineering review 1998 / 1, p. 59-69: ill

## Analysis of off-grid power supply for sparsley populated areas

Vaimann, Toomas; Janson, Kuno; Bolgov, Viktor; Kallaste, Ants 14th International Scientific Conference Electric Power Engineering 2013 : EPE 2013 : [proceedings] 2013 / p. 175-179 : ill

## Analysis of power demand and wind power changes in power systems

Keel, Matti; Kilk, Kalle; Valdma, Mati Oil shale 2009 / 3S, p. 228-242 : ill

## 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

## Analyzing the dynamics and stability of DQ0 systems based on a Port-Hamiltonian approach

Levron, Yoash; Kaparin, Vadim; Belikov, Juri 2019 27th Mediterranean Conference on Control and Automation (MED) 2019 / p. 410-415 : ill <https://doi.org/10.1109/MED.2019.8798495>

## Analytical evaluation of indoor energy harvesting technologies for WSNs with FYPsim framework

Ahmed, Faisal; Le Moullec, Yannick; Annus, Paul; Mustafa, Y. S. Ashad 2016 International Conference on Industrial Informatics and Computer Systems (CIICS) : March 13-15, 2016, Dubai, UAE 2016 / [6] p. : ill <https://doi.org/10.1109/ICCSII.2016.7462423>

## Anwendungsmöglichkeiten der Drehfelddrosselspulen in Elektroenergiesystemen

Järvik, Jaan Elektre 1976 / S. 161-164 : ill [https://www.estr.ee/record=b1200103\\*est](https://www.estr.ee/record=b1200103*est)

## Assessment of electricity supply interruption costs in Estonian power system

Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan Oil shale 2005 / 2S, p. 217-231 : ill

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

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

**Assessment of power system asset dispatch under different local energy community business models**  
**Korõtko, Tarmo; Plaum, Freddy; Häring, Tobias; Mutule, Anna; Lazdins, Roberts; Borščevskis, Olegs; Rosin, Argo; Carroll, Paula** Energies 2023 / art. 3476 <https://doi.org/10.3390/en16083476>

**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

**Balmorel open source energy system model**  
Wiese, Frauke; Bramstoft, Rasmus; **Koduvere, Hardi**; Pizarro Alonso, Amalia Energy strategy reviews 2018 / p. 26-34 : ill  
<https://doi.org/10.1016/j.esr.2018.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Balti riigid peaksid jäama ühendusse ikka Venemaa energiasüsteemiga**  
Raukas, Anto; Valdma, Mati Eesti Päevaleht 2017 / lk. 12

**Bidirectional solid-state DC circuit breaker for the protection of cesidential and Commercial DC buildings**  
Aditya, P.; Yagna, V.; Banoth, T.; **Chub, Andrii; Banavath, Satish Naik** 2023 IEEE 8th Southern Power Electronics Conference and 17th Brazilian Power Electronics Conference (SPEC/COBEP) 2023 / 6 p <https://doi.org/10.1109/SPEC56436.2023.10407460>

**Buildings' energy efficiency measures effect on CO<sub>2</sub> emissions in combined heating, cooling and electricity production**  
Pylsy, Petri; **Lylykangas, Kimmo Sakari; Kurnitski, Jarek** Renewable and sustainable energy reviews 2020 / art. 110299, 18 p : ill  
<https://doi.org/10.1016/j.rser.2020.110299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Case studies related to power quality problems caused by high-power electrical arc furnaces**  
**Järvik, Jaan; Janson, Kuno; Dan, A. M.; Czira, Zs.; Schau, H.; Stade, D.** Proceedings of the ICHQP : 7th International Conference on Harmonics and Quality of Power : October 16-18, 1996, Las Vegas, Nevada, USA 1996 / p. 327-333

**Circulation centrifugal pump with variable speed drives and minimal electricity consumption**  
**Vodovozov, Valery; Gevorkov, Levon; Raud, Zoja** 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 2017 / p. 334-339 : ill  
<http://dx.doi.org/10.1109/CPE.2017.7915193>

**Cities4ZERO approach to foresight for fostering smart energy transition on municipal level**  
Tatar, Merit; **Kalvet, Tarmo; Tiits, Marek** Energies 2020 / art. 3533 <https://doi.org/10.3390/en13143533> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Common Baltic energy system - a precondition for sustainable development**  
**Veiderma, Mihkel** 5th Intern. Conf. on Environment and Sustainable Development in the Baltic Region "Transforming the Baltic Environment: Strategies and Policies", Nyköping, Sweden, Nov. 13-15, 1995 : abstracts 1995

**Common Baltic energy systems - a precondition for sustainable development**  
**Veiderma, Mihkel** Energy exploration & exploitation 1996 / 2, p. 127-132: ill

**Comparison of full power and partial power buck-boost DC-DC converters for residential battery energy storage applications**  
**Hassanpour, Naser; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri** 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 6 | <https://doi.org/10.1109/CPE-POWERENG54966.2022.9880862>

**Comparison of machine learning based methods for residential load forecasting**  
**Shabbir, Noman; Ahmadiahangar, Roya; Kütt, Lauri; Rosin, Argo** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818267>

**Compensation topologies in IPT Systems : standards, requirements, classification, analysis, comparison and application**  
Shevchenko, Viktor; **Husev, Oleksandr; Strzelecki, Ryszard** IEEE Access 2019 / art. 2937891, p. 120559-120580 : ill  
<https://doi.org/10.1109/ACCESS.2019.2937891> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Components selection of local power supply system for sparsley populated areas**  
**Kallaste, Ants; Vaimann, Toomas; Janson, Kuno; Bolgov, Viktor** 14th International Scientific Conference Electric Power Engineering 2013 : EPE 2013 : [proceedings] 2013 / p. 181-186 : ill

**Computer models for simulation and control of a traction supply system [Electronic resource]**  
**Lehtla, Madis; Laugis, Juhan** EPE-PEMC 2006 : 12th International Power Electronics and Motion Control Conference : Portorož,

Slovenia, August 30 - September 1, 2006 : proceedings 2006 / p. 1372-1377 : ill. [CD-ROM]  
<https://www.researchgate.net/publication/224382843> Computer Models for Simulation and Control of a Traction Supply System

### Consideration of random factors in optimal scheduling of power systems

Keel, Matti; Lelumees, Heino; Möller, Kalju; Tammoja, Heiki; Valdma, Mati Computer applications in large scale power systems : proceedings of the Symposium on Computer Applications in Large Scale Power Systems, New Delhi, India, I6-19 August, I979. Vol 1., Vol 2., Vol. 3 1980 / p. [?] [https://www.estr.ee/record=b1929398\\*est](https://www.estr.ee/record=b1929398*est) [https://www.estr.ee/record=b1929563\\*est](https://www.estr.ee/record=b1929563*est)  
[https://www.estr.ee/record=b1929565\\*est](https://www.estr.ee/record=b1929565*est)

### Constructing aggregated time series data for energy system model analyses

Koduvere, Hardi 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 163-164 : ill [https://www.estr.ee/record=b5291755\\*est](https://www.estr.ee/record=b5291755*est)

### Controller design for interleaved bidirectional dc-dc converter with coupled inductors

Tytelmaier, Kostiantyn; Husev, Oleksandr; Veligorsky, Oleksandr; Khomenko, Maksym; Khomenko, Oleh 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) : May 29 - June 2, 2017, Kyiv, Ukraine : conference proceedings 2017 / p. 570-573 : ill <https://doi.org/10.1109/UKRCON.2017.8100306>

### Conversion error of exponential to second order polynomial ZIP load model conversion

Leinakse, Madis; Kilter, Jako 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 12-15 June 2018 : conference proceedings 2018 / p. 1-5 <https://doi.org/10.1109/EEEIC.2018.8493667>

### Coordinated optimization of parameters of PSS and UPFC-PODCs to improve small-signal stability of a power system with renewable energy generation

He, Ping; Shen, Runjie; Wen, Fushuan; Pan, Qi Journal of energy engineering 2021 / p. 04020089-1-04020089-11 : ill  
[https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000737](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000737) Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### Coordinated planning strategy for integrated energy systems in a district energy sector

Yang, Wentao; Liu, Weijia; Chung, Chi Yung; Wen, Fushuan IEEE Transactions on sustainable energy 2020 / p. 1807-1819  
<https://doi.org/10.1109/TSTE.2019.2941418>

### Coronavirus and the cost of non-Europe: An analysis of the economic benefits of common European action

Evas, Tatjana; Heflich, Aleksandra; Lomba, Niombo; Müller, Klaus; Navarra, Cecilia; Panella, Lauro; Saulnier, Jerome Leon; Stjernquist, Annika; Ballegooij, Wouter van 2020  
[https://www.europarl.europa.eu/RegData/etudes/IDAN/2020/642837/EPRS\\_IDA\(2020\)642837\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/IDAN/2020/642837/EPRS_IDA(2020)642837_EN.pdf)

### Coupling of the electricity and district heat generation sectors with building stock energy retrofits as a measure to reduce carbon emissions

Jokinen, Ilkka; Lund, Andreas; Hirvonen, Janne; Jokisalo, Juha; Kosonen, Risto; Lehtonen, Matti Energy conversion and management 2022 / art. 115961, 17 p. : ill <https://doi.org/10.1016/j.enconman.2022.115961> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### 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 harmonic aggregation cases for contemporary loads

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman Energies 2022 / art. 437  
<https://doi.org/10.3390/en15020437> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### Current situation and prospect of grid codes for a power system with integrated photovoltaic generation

Duan, Shuyin; Zhang, Shuyan; Wen, Fushuan; Shania, Farhad; Palu, Ivo; Zou, Bo; Dai, Pan 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 2020 / p. 832-836 <https://doi.org/10.1109/SGES51519.2020.00153>

### Cyber contingencies impacts analysis in cyber physical power system

Chen, Keren; Wen, Fushuan; Palu, Ivo IEEE International Conference on Energy Internet : ICEI 2019, Nanjing, China, 27-31 May, 2019 : proceedings 2019 / p. 37-41 : ill <http://doi.org/10.1109/ICEI.2019.00013>

### Day-ahead market modelling of large-scale highly-renewable multi-energy systems : analysis of the North Sea region towards 2050

Gea-Bermudez, Juan; Das, Kaushik; Koduvere, Hardi; Koivisto, Matti J. Energies 2021 / art. 88, 17 p. : ill  
<https://doi.org/10.3390/en14010088> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### DC controlled reactor for electric power systems

Tellinen, Juhani; Järvik, Jaan 40. Internationales Wissenschaftliches Kolloquium, 18.-21.09.1995, Technische Universität Ilmenau, Thüringen. Band 4, Vortragsreihen 1995 / S. 273-276: III

## **DC controlled reactor for electric power systems and neutral-earthing**

Järvik, Jaan VII Sympozjum na temat Przepiecia w urządzeniach elektrycznych i elektronicznych, Holny Mejera 16-19 października 1996 r 1996 / p. 63-66

## **Death spiral of the legacy grid : a game-theoretic approach for studying grid defection**

Navon, Aviad; Belikov, Juri; Ofir, Ron; Parag, Yael; Orda, Ariel; Levron, Yoash iScience 2023 / art. 106415, 17 p. : ill  
<https://doi.org/10.1016/j.isci.2023.106415>

## **Decentralized privacy-preserving operation of multi-area integrated electricity and natural gas systems with renewable energy resources**

Qi, Feng; Shahidehpour, Mohammad; Wen, Fushuan; Li, Zhiyi; He, Yubin; Yan, Mingyu IEEE Transactions on sustainable energy 2020 / p. 1785-1796 <https://doi.org/10.1109/TSTE.2019.2940624>

## **Demand side management possibilities and viability for voltage support services in Estonia = Tarbimise juhtimise võimaluste uurimine ning rakendatavus pinge reguleerimise teenusteks Eestis**

Drovtar, Imre <http://digi.lib.ttu.ee/i/?6032> [https://www.ester.ee/record=b4601226\\*est](https://www.ester.ee/record=b4601226*est)

## **Demonstration of mitigation measures and clarification of unclear grid code requirements : Deliverable D1.6 [Online resource]**

Rüberg, S.; Sewdien, V.; Rueda Torres, J. L.; Kilter, Jako 2019 [Deliverable D1.6](#)

## **Design considerations for propulsion drives of electric vehicles**

Vodovozov, Valery; Lehtla, Tõnu 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. 35-39 : ill

## **Digitaalkaksikud diagnostika rakenduseks**

Vaimann, Toomas Elektrala 2023 / lk. 24-25 [https://www.ester.ee/record=b1240496\\*est](https://www.ester.ee/record=b1240496*est)

## **Digital twins for designing energy management systems for microgrids: Implementation example based on TalTech Campulse project**

Korõtko, Tarmo; Zahraoui, Younes; Rosin, Argo; Agabus, Hannes 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227475>

## **Distorted grid and significant computation feedback delay**

Pimentel, Sergio Pires; Husev, Oleksandr; Vinnikov, Dmitri; Stepenko, Serhii; Kütt, Lauri; Rodriguez, Jose 2019 IEEE 15th Brazilian Power Electronics Conference and 5th IEEE Southern Power Electronics Conference (COBEP/SPEC 2019) Santos, Brazil, 1-4 December 2019 2019 / p. 1481-1486 <http://toc.proceedings.com/52923webtoc.pdf>

## **Distributed average integral control based energy management model**

Shaukat, Neelofar; Khan, Bilal; Qureshi, Muhammad Bilal; Jawad, Muhammad; Shabbir, Noman; Daniel, Kamran 2023 IEEE International Conference on Energy Technologies for Future Grids (ETFG) 2023 / 5 p <https://doi.org/10.1109/ETFG55873.2023.10407358>

## **DSP-based power-quality monitoring device**

Märtens, Olev; Trampäärk, Harri; Liimets, Aivar; Nobel, Peter; Veskimeister, Andres; Järvalt, Aldur WISP2007 proceedings : 5th IEEE International Symposium on Intelligent Signal Processing : Alcala de Henares, Madrid (Spain), October 3-5, 2007 2007 / [5] p <https://ieeexplore.ieee.org/document/4447591>

## **Dynamic heating control measured and simulated effects on power reduction, energy and indoor air temperature in an old apartment building with district heating**

Hajian, Hatef; Ahmed, Kaiser; Kurnitski, Jarek Energy and buildings 2022 / art. 112174 <https://doi.org/10.1016/j.enbuild.2022.112174>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Dynamic modeling and stability analysis of power networks using DQ0 transformations with a unified reference frame**

Belikov, Juri; Levron, Yoash Proceedings of the Estonian Academy of Sciences 2018 / p. 368-377 : ill

[http://www.kirj.ee/public/proceedings\\_pdf/2018/issue\\_4/proc-2018-4-368-377.pdf](http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-368-377.pdf) <https://doi.org/10.3176/proc.2018.67.4.05> [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

## **EcoGrid EU Bornholmi saarel - targa võrgu prototüüp**

Palu, Ivo; Tuttelberg, Kaur Keskkonnatehnika 2012 / lk. 22-23 [https://artiklid.elnet.ee/record=b2475308\\*est](https://artiklid.elnet.ee/record=b2475308*est)

**Economics of greenhouse gases limitations : country study series : Estonia**  
Kallaste, Tiit; Liik, Olev; Ots, Arvo 1999 [https://www.ester.ee/record=b1362412\\*est](https://www.ester.ee/record=b1362412*est)

**Educating the energy informatics specialist : opportunities and challenges in light of research and industrial trends**  
Bordin, Chiara; Mishra, Sambeet; Safari, Amir; Eliassen, Frank SN Applied Sciences 2021 / art. 674 <https://doi.org/10.1007/s42452-021-04610-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Eesti elektrile üleviimise üldkava ja professor Otto Reinvald**  
Mägi, Vahur Aja Pulss 1991 / lk. 20-23: ill [https://artiklid.elnet.ee/record=b2502032\\*est](https://artiklid.elnet.ee/record=b2502032*est)

**Eesti energiate arengutsenaariumid Baltimaade ühtses energiasüsteemis : avalik loeng 9. mail 2001 TTÜs**  
Siirde, Andres Tallinna Tehnikaülikooli aastaraamat 2001 2003 / lk. 273-278

**Eesti Energia käiduhaldussüsteem**  
Kangilaski, Taivo 2004 [https://www.ester.ee/record=b1953730\\*est](https://www.ester.ee/record=b1953730*est)

**Eesti Energia magistriõppe aine TTÜs – energiasüsteemi strateegiline arendamine**  
Lindpere, Mirjam Studioosus 2013 / lk. 14

**Eesti energiasüsteemi lahtiühendamisest ning selle otstarbekusest**  
Raukas, Anto; Valdma, Mati Elektrala 2017 / lk. 12-13 [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

**Eesti energiasüsteemi põhisõlmede koormuse koosseisu ja dünaamika analüüs**  
Gorbatšov, V.; Kändma, J.; Meldorf, Mati XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 66 [https://www.ester.ee/record=b2449987\\*est](https://www.ester.ee/record=b2449987*est)

**Eesti energiasüsteemi põhivõrgu püsirežiimi hindamise metoodika**  
Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhani Eesti energiateetika probleeme 1988 / lk. 43-57

**Eesti varustamisest elektriga**  
Raukas, Anto; Valdma, Mati Elektrala 2019 / lk. 14-15 : fot [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

**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](https://www.ester.ee/record=b1817525*est)

**Electric vehicles and their impact on the Estonian power system load curve**  
Drovtar, Imre 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. 139-141 : ill

**Electricity market impacts of low-carbon energy transition in the Nordic-Baltic region**  
Farsaei, Anahita; Olkkonen, Ville; Kan, Xiaoming; Syri, Sanna Journal of Sustainable Development of Energy, Water and Environment Systems 2022 / art. 1090407 <https://doi.org/10.13044/j.sdwes.d9.0407> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Elektrienergia ja ressursside kokkuhoidu tagava reaktiivvõimsuse maksustamise aluste väljatöötamine Eesti ettevõtetele : uurimistöö G405 aruanne**  
Järvik, Jaan 1994

**Elektrienergia ja soojuse omahind Eesti energiasüsteemis**  
Möller, Leili Tallinna Tehnikaülikooli Toimetised 1990 / lk. 109-128: ill

**Elektrijaamade struktuur Eesti energiasüsteemis**  
Tammoja, Heiki Elektrala 2007 / 2, lk. 28-30

**Elektrikvaliteedi juubelikonverents Tallinnas**  
Järvik, Jaan Elektrala 2016 / lk. 12-14 : fot [https://artiklid.elnet.ee/record=b2803320\\*est](https://artiklid.elnet.ee/record=b2803320*est)

**Elektrisüsteemi arvutamise alused reaalajasimulatsioonide raamistikus : harjutused**  
Leinakse, Madis; Andreesen, Guido; Campos, Nathalia de Moraes Dias 2022 [https://haldus.taltech.ee/sites/default/files/2023-02/EE\\_ins\\_Elektris%C3%BCsteemi\\_arvutamise\\_alused\\_reaalajasimulatsioonide\\_raamistikus\\_Harjutused.pdf](https://haldus.taltech.ee/sites/default/files/2023-02/EE_ins_Elektris%C3%BCsteemi_arvutamise_alused_reaalajasimulatsioonide_raamistikus_Harjutused.pdf)

**Elektrituulikute ühendamisest Eesti energiasüsteemi**  
Palu, Ivo Keskkonnatehnika 2005 / 8, lk. 36-38 : ill

## **Elektroenergeetika ettevõtete struktuur aastatel 1939-1951**

Metusala, Tiit Elektriala 2020 / lk. 30-32 : ill [http://www.esther.ee/record=b1240496\\*est](http://www.esther.ee/record=b1240496*est)

## **Elektroenergeetika ettevõtete struktuur aastatel 1951-1999**

Metusala, Tiit Elektriala 2021 / lk. 26-28 : ill [https://www.esther.ee/record=b1240496\\*est](https://www.esther.ee/record=b1240496*est)

## **Energeetika : energiasüsteemid - elektrijaamad ja tarbijad juhtmeid pidi üksteise küljes**

Valdma, Mati Horisont 2011 / 5, lk. 42-47 : ill [https://artiklid.elnet.ee/record=b2428023\\*est](https://artiklid.elnet.ee/record=b2428023*est)

## **Energeetika ja kütuste tulevik ehk Viiekümne viiendaks vormi**

Niidi, Allan Sirp 2022 / lk. 6-7 : fot "[Energeetika ja kütuste tulevik ehk Viiekümne viiendaks vormi](#)"

## **Energeetika oma probleemirohkuses vajab teaduslikku lähenemist, ettenägelikkust ja otsustusjulgust**

Raukas, Anto Elektriala 2013 / lk. 10-11 : ill

## **Energeetikaekspert Alar Konist: Elektrikatkestused Venemaa energiasüsteemist lahtiühendamisel on realsed**

[Võrguväljaanne]

Jarne, Aivar pealinn.ee 2022 [Energeetikaekspert Alar Konist: Elektrikatkestused Venemaa energiasüsteemist lahtiühendamisel on realsed](#)

## **Energia maailmas, Euroopas ja Eestis**

Veiderma, Mihkel Postimees 2011 / lk. 13

## **Energia sünkroonis – kuidas ja kellega?**

Hamburg, Arvi Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 2-3 <https://dea.digar.ee/article/ak/2021/10/16/2.1>

## **Energiainformaatika: energia ja infotehnoloogia ühinemine**

Petlenkov, Eduard; Belikov, Juri Elektriala 2023 / lk. 12-13 : ill., portr [https://www.esther.ee/record=b1240496\\*est](https://www.esther.ee/record=b1240496*est)

## **Energiasüsteem saab NRG-ta arenguvõimaluse : valitsus tunnistas NRG-tehingu ebaõnnestunuks ning asub otsima Narva elektrijaamade renoveerimisesks teisi alternatiive : Olev Liigi kommentaaridega]**

Reinap, Aivar; Liik, Olev Postimees 2002 / 9. jaan., lk. 7 : portr <https://majandus.postimees.ee/1913233/energiasusteem-saab-nrg-ta-arenguvõimaluse>

## **Energiasüsteemi elementide minimax-karakteristikute arvutusprogrammi täiustamine**

Veitsman, I.; Lelumees, Heino XXIX vabariiklik üliõpilaste teaduslik-tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 67 [https://www.esther.ee/record=b2449987\\*est](https://www.esther.ee/record=b2449987*est)

## **Energiasüsteemi koormuse matemaatilise mudeli täiustamisest**

Šmunk, V.; Treufeldt, Ülo XXXII üliõpilaste teaduslik-tehniline konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 99 [https://www.esther.ee/record=b1322611\\*est](https://www.esther.ee/record=b1322611*est)

## **Energiasüsteemi koormuse pikajaline prognoosimine**

Mizer, V.; Treufeldt, Ülo XXXII üliõpilaste teaduslik-tehniline konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 100 [https://www.esther.ee/record=b1322611\\*est](https://www.esther.ee/record=b1322611*est)

## **Energiasüsteemi režiimide optimeerimise programm**

Gavriljuk, S.; Lelumees, Heino XXXII üliõpilaste teaduslik-tehniline konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 98 [https://www.esther.ee/record=b1322611\\*est](https://www.esther.ee/record=b1322611*est)

## **Energiasüsteemid**

Treufeldt, Ülo; Metusala, Tiit; Arro, Hendrik; Möller, Kalju; Möller, Leili; Ots, Arvo; Tallermo, Harri; Tapupere, Olev; Valdma, Mati; Öispuu, Leo; Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan; Meldorf, Mati; Sild, Ants; Keel, Matti; Tammoja, Heiki 1988 [https://www.esther.ee/record=b1286166\\*est](https://www.esther.ee/record=b1286166*est)

## **Energiasüsteemid**

Tapupere, Olev 1990

## **Energiasüsteemide režiimide optimaalse juhtimise probleemi uurimisest**

Möller, Kalju; Tiigimägi, Eeli; Valdma, Mati Tehnikauringu areng Eesti NSV-s : vabariikliku konverentsi ettekannete teesid Tallinn, 15.-16. oktoober 1986 1986 / lk. 142-145 [https://www.esther.ee/record=b1258828\\*est](https://www.esther.ee/record=b1258828*est)

## **Energiasüsteemide režiimide optimaalsest juhtimisest**

Valdma, Mati Tehnika ja Tootmine 1986 / lk. 16-17 [https://www.esther.ee/record=b1073047\\*est](https://www.esther.ee/record=b1073047*est)

## **Energiatehnika : konspekt**

**Vares, Villu** 2011 [http://www.esther.ee/record=b2714100\\*est](http://www.esther.ee/record=b2714100*est)

## Energiatehnika ja maailm

**Risthein, Endel** 2013 [http://www.esther.ee/record=b2697019\\*est](http://www.esther.ee/record=b2697019*est)

## Energoküberneetika uuringutest Tallinna Polütehnilises Instituudis

**Möller, Kalju; Tiigimägi, Eeli; Valdma, Mati** Tehnilise mõtte ja tehnikahariduse ajaloo probleeme Eestis : vabariiklku konverentsi (20.-21. detsember 1984) materjalid. II, Teadusuuringud 1985 / lk. 62-70 [https://www.esther.ee/record=b1255676\\*est](https://www.esther.ee/record=b1255676*est)

## Energy co-pricing in an integrated energy system for promoting electric energy substitution

Wang, Yizheng; Duan, Shuyin; **Wen, Fushuan; Palu, Ivo**; Xue, Yusheng 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 / p. 60-65 <https://doi.org/10.1109/SGES51519.2020.900018>

## Energy management for an integrated energy system with data centers considering carbon trading

Wang, Yizheng; Li, Zhonghui; **Wen, Fushuan; Palu, Ivo**; Sun, Yikai; Zhang, Lijun; Gao, Meijin 2020 IEEE Power & Energy Society General Meeting (GM 2020) 2020 / 5 | <https://doi.org/10.1109/PESGM41954.2020.9281980>

## Energy performance of ETICS integrated with a flexible photovoltaic panel

Heim, Dariusz; Wieprzowicz, Anna; Knera, Dominika; **Ilomets, Simo; Kalamees, Targo**; Spitalsky, Zdeno Building simulation conference proceedings 2022 / p. 64-71 <https://doi.org/10.26868/25222708.2021.30194>

## Energy router based energy management system for nearly zero energy buildings

**Najafzadeh, Mahdiyeh; Roasto, Indrek; Jalakas, Tanel** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982366>

## Energy security assessment of emerging economies under global and local challenges

Sotnyk, Iryna; Kurbatova, Tetiana; Kubatko, Oleksandr; Prokopenko, Olha; **Prause, Gunnar Klaus**; Kovalenko, Yevhen; Trypolska, Galyna; Pysmenna, Uliana Energies 2021 / art. 5860, 20 p. : ill <https://doi.org/10.3390/en14185860>

## Energy trading and management strategies in a regional integrated energy system with multiple energy carriers and renewable-energy generation

Wang, Yizheng; Jiang, Chenwei; **Wen, Fushuan; Xue, Yusheng; Chen, Fei; Zhang, Lijun; Yuan, Xiang** Journal of energy engineering 2021 / p. 04020076-1-04020076-12 : ill [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000726](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000726) Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Estonian energy system : proposals for the implementation of a cogeneration strategy

Lund, Henrik; Hvelplund, Frede; **Ingermann, Karl; Kask, Ülo** Energy policy 2000 / p. 729-736

## Estonian energy system and emissions modelling using markal model

**Esop, Markko-Raul; Liik, Olev; Valdma, Mati; Landsberg, Mart** Economics of greenhouse gas limitations : country study series : Estonia 1999 / p. 127-168: ill

## Estonian wind farms' need for full balance power

Pertmann, Indrek Oil shale 2011 / 1S, p. 193-202 : ill [https://artiklid.elnet.ee/record=b2286642\\*est](https://artiklid.elnet.ee/record=b2286642*est)

## Evaluating responsibility for voltage unbalance emission in three-phase three-wire networks

Sayenko, Yuri; Kalyuzhniy, Dmitry; **Bolgov, Viktor; Baranenko, Tatiana** 12th International Conference and Exhibition on Electrical Power Quality and Utilisation, Cracow, Poland, 14-15 September 2020 : conference proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/EPQU50182.2020.9220312>

## Event-triggered cooperative control of distributed generators in a distribution network subject to jamming attacks

Xu, Yan; **Wen, Fushuan; Palu, Ivo** 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 2020 / p. 95-99 <https://doi.org/10.1109/SGES51519.2020.900024>

## Feasibility of solar hybrid energy system at a conservation park: Technical, economic, environmental analysis

**Sreenath, Sukumaran; Azmi, Azlin Mohd; Ismail, Zubir Ahmad Mohd** Energy reports 2023 / p. 711-719 <https://doi.org/10.1016/j.egyr.2022.11.065>

## Feasibility study GaN transistors application in the novel split-coils inductive power transfer system with T-type inverter

Shevchenko, Viktor; Pakhaluk, Bohdan; **Husev, Oleksandr; Veligorsky, Oleksandr; Stepins, Deniss; Strzelecki, Ryszard** Industrial and Technological Applications of Power Electronics Systems 2021 / p. 315-330 <https://doi.org/10.3390/en13174535>

## Feasibility study GaN transistors application in the novel split-coils inductive power transfer system with T-Type inverter

Shevchenko, Viktor; Pakhaluk, Bohdan; **Husev, Oleksandr; Veligorsky, Oleksandr; Stepins, Deniss; Strzelecki, Ryszard** Energies 2020 / art. 4535, 16 p. : ill <https://doi.org/10.3390/en13174535> Journal metrics at Scopus Article at Scopus Journal metrics at WOS

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

2006 [http://www.estr.ee/record=b2184858\\*est](http://www.estr.ee/record=b2184858*est)

**Flexibility enhancement of hybrid microgrids using optimal  $H_\infty$  filtering-based fuzzy control of UIPC**

Zolfaghari, Mahdi; **Ahmadiyahangar, Roya**; Gharehpetian, Gevork B.; **Häring, Tobias**; Rosin, Argo Proceedings : 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Online - Setúbal, Portugal, 08 - 10 July, 2020 2020 / p. 451-455 <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161545>

**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

**FYPSim : an estimation framework for energy harvesting and energy prediction for WSNs**

Ahmed, Faisal; Le Moullec, Yannick; Annus, Paul 2016 IEEE International Conference on Consumer Electronics-Taiwan (ICCE-TW) : Nantou County, Taiwan, 27-29 May 2016 2016 / p. 291-292 : ill <https://doi.org/10.1109/ICCE-TW.2016.7521033>

**Gesteuerte Drosselpulen - Kennlinien, Steuerung und Anwendungsmöglichkeiten**

Järvik, Jaan; Sepping, Eino; Tellinen, Juhani 4. Wissenschaftliche Konferenz von 10.-12. Oktober 1989 der Sektion Elektroenergieranlagen "Computerintegrierte Systeme für die industrielle Elektroenergiotechnik" 1989 / S. 99-107

**Grid-connected buck-boost inverter based on unfolding circuit**

Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri; Gordienko, Vyacheslav 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659824>

**Grid-connected single-phase 3L-T-type qZS inverter for renewable energy**

Roncero-Clemente, Carlos; **Husev, Oleksandr**; Ruiz-Cortes, Mercedes; Romero-Cadaval, Enrique; Barrero-Gonzalez, Fermin; Gonzalez-Romera, Eva IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 5003-5007 : ill <https://doi.org/10.1109/IECON.2019.8926888> [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

**Harmonic/inter-harmonics detection using modified exact model order-based ESPRIT**

Srivastava, Ankit Kumar; Tiwari, A.N; Singh, Sri Niwas; **Singh, Praveen Prakash** International Journal of Power Electronics 2023 / p. 218-233 <https://doi.org/10.1504/IJPELEC.2023.128868>

**High-frequency current sensor for power network on-line measurements**

Kütt, Lauri; Järvik, Jaan; Vaimann, Toomas; Shafiq, Muhammad; Lehtonen, Matti; **Kilter, Jako** Proceedings of the 13th International Scientific Conference Electric Power Engineering 2012 : EPE 2012 : Brno. Vol. 1 2012 / p. 367-371 : ill [https://www.researchgate.net/publication/262674502\\_High-Frequency\\_Current\\_Sensor\\_for\\_Power\\_Network\\_On-line\\_Measurements](https://www.researchgate.net/publication/262674502_High-Frequency_Current_Sensor_for_Power_Network_On-line_Measurements)

**High-voltage pulse transformer for IOT modulators**

Jalakas, Tanel; Janson, Kuno; Mölder, Heigo; Roasto, Indrek IET electric power applications 2020 / p. 2348-2354 <https://doi.org/10.1049/iet-epa.2019.0877> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

**How governments, universities, and companies contribute to renewable energy development? A municipal innovation policy perspective of the triple helix**

Visintainer Lerman, Laura; **Gerstlberger, Wolfgang Dieter**; Ferreira Lima, Mateus; Frank, Alejandro G. Energy research & social science 2020 / art. 101854, 11 p. : ill <https://doi.org/10.1016/j.erss.2020.101854> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

**Hybrid low-power Wind Generation and PV grid-connected system with HPC, PC and MPPT control**

Rosa, Carlos; **Vinnikov, Dmitri**; Romero-Cadaval, Enrique; Pires, Vitor; Martins, Joao Proceedings : 2014 IEEE 23rd International Symposium on Industrial Electronics (ISIE) : Grand Cevahir Hotel and Convention Center, Istanbul, Turkey, 01-04 June, 2014 2014 / p. 2024-2029 : ill

**Identification of intra-day variations of static load characteristics based on measurements in high-voltage transmission network**

Leinakse, Madis; Kiristaja, Hendrik; **Kilter, Jako** 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), Sarajevo, Bosnia and Herzegovina, October 21-25, 2018 : proceedings 2018 / 6 p <https://doi.org/10.1109/ISGETurope.2018.8571712>

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

**Palu, Ivo** 2009 [https://www.esther.ee/record=b2508519\\*est](https://www.esther.ee/record=b2508519*est)

**Impacts of various maintenance tasks on life-cycle costs of a power grid project**

Zhang, Shuyan; Duan, Shuyin; **Wen, Fushuan**; Shahnia, Farhad; Chen, Qingfang; **Palu, Ivo** 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 / p. 888-892 <https://doi.org/10.1109/SGES51519.2020.90163>

**Improved cost function definition for fixed switching frequency FCS-MPC with SVPWM**

Bakeer, Abualkasim Ahmed Ali; Alhasheem, Mohammed; **Chub, Andrii** 2021 22nd International Middle East Power Systems Conference (MEPCON) 2021 / p. 360-365 <https://doi.org/10.1109/MEPCON50283.2021.9686235>

**An improved nine-level switched capacitor-based inverter with voltage boosting capability and limitation of capacitor current spikes for PV applications**

**Vosoughi Kurdkandi, Naser**; Marangalu, Milad Ghavipanjeh; Naderi, Yahya; **Husev, Oleksandr**; Hosseini, Seyed Hossein; Siwakoti, Yam P.; Mehrizi-Sani, Ali IET renewable power generation 2023 / p. 725-749 <https://doi.org/10.1049/rpg2.12630>

**Improving energy efficiency of biotechnical agricultural systems - scientific and organisational issues**

Karpov, V.; **Kabanen, Toivo** Agronomy research 2018 / p. 1062-1068 : ill <https://doi.org/10.15159/AR.18.043> Journal metrics at Scopus Article at Scopus

**Improving energy efficiency of biotechnical agricultural systems - scientific and organisational issues [Online resource]**

Karpov, V.; **Kabanen, Toivo** 9th International Conference "Biosystems Engineering 2018": 9–11 May, 2018, Estonia, Tartu : book of abstracts 2018 / p. 139 [http://bse.emu.ee/wp-content/uploads/2018/10/ABS\\_2018\\_Book\\_VV.pdf](http://bse.emu.ee/wp-content/uploads/2018/10/ABS_2018_Book_VV.pdf)

**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://artiklid.elnet.ee/record=b2631746*est)

**Innovative energy services for behavioral-reflective attributes and intelligent recommender system**

**Onile, Abiodun Emmanuel; Belikov, Juri; Levron, Yoash** Proceedings of 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 26-28 October, 2020 2020 / p. 242-246 <https://doi.org/10.1109/ISGT-Europe47291.2020.9248810>

**Integration of long transmission lines in large-scale DQ0 dynamic models**

**Belikov, Juri; Levron, Yoash** Electrical Engineering 2018 / p. 1219–1228 <https://doi.org/10.1007/s00202-017-0582-7> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Investigations of different control strategies for heat pump systems in a residential ZEB in the nordic climate [Online resource]**

Clauss, John; Sartori, Igor; Alonso, Maria Justo; **Thalfeldt, Martin**; Georges, Laurent 12th IEA Heat Pump Conference : presentations, Wednesday, May 17 2017 / 0.1.3.3, 11 p. : ill <https://hpc2017.org/wp-content/uploads/2017/06/o133.pdf>

**Kasumi kujunemine ja kasutamine Eesti energiasüsteemis**

Möller, Leili Tallinna Tehnikaülikooli Toimetised 1990 / lk. 129-145

**Keskonnasõbralikud piirkondlikud energiasüsteemid**

Vares, Villu 1998 [https://www.esther.ee/record=b1224760\\*est](https://www.esther.ee/record=b1224760*est)

**Kinetic energy storage systems**

Höimoja, Hardi; Lehtla, Madis 8th International Workshop on Research and Education in Mechatronics 2007 : 14-15 June 2007, Tallinn, Estonia 2007 / p. 284-288 : ill

**Konist: energia tootmine peaks olema kui supi keetmine, Strandberg: kui taastuvenergiat õnnestub salvestada, siis energiakriise ei saagi tekkida [Võrguväljaanne]**

**Konist, Alar; Strandberg, Marek** pealinn.ee 2022 "[Konist: energia tootmine peaks olema kui supi keetmine, Strandberg: kui taastuvenergiat õnnestub salvestada, siis energiakriise ei saagi tekkida](#)"

**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.esther.ee/record=b2508634\\*est](http://www.esther.ee/record=b2508634*est)

**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.esther.ee/record=b2449421\\*est](https://www.esther.ee/record=b2449421*est)

**Lucia Compendium : Sustainable and Smart Urban Lighting**

Bunte, Heike; Jacob, Thomas; Haapanen, Topi; Enevold, Sif; **Le Moullec, Yannick** 2020 <https://digikogu.taltech.ee/et/item/f4d273f6-e506-4b7f-b658-13bc225b6960> [https://www.esther.ee/record=b5375097\\*est](https://www.esther.ee/record=b5375097*est)

## **Market mechanisms and trading in microgrid local electricity markets : a comprehensive review**

**Zahraoui, Younes; Korõtko, Tarmo; Rosin, Argo; Agabus, Hannes** Energies 2023 / art. 2145, 52 p. : ill

<https://doi.org/10.3390/en16052145>

## **Mathematical modeling and control strategies for islanded microgrids = Saartalitluses mikrovõrkude matemaatiline modelleerimine ja juhtimisstrateegiad**

**Armstorfer, Andreas** 2022 <https://doi.org/10.23658/taltech.71/2022> <https://digikogu.taltech.ee/et/item/077a5b65-1320-40ac-b105-607deaa9a900> [https://www.esther.ee/record=b5528446\\*est](https://www.esther.ee/record=b5528446*est)

## **Mathematical modeling of a battery energy storage system in grid forming mode**

Rahmoun, Ahmad; Armstorfer, Andreas; Biechl, Helmuth; **Rosin, Argo** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [6] p. : ill  
<http://dx.doi.org/10.1109/RTUCON.2017.8125625>

## **Method for minimax optimization of power system operation**

**Valdma, Mati; Keel, Matti; Liik, Olev; Tammoja, Heiki** 2003 IEEE Bologna PowerTech : conference proceedings : 23-26 June, 2003, Faculty of Engineering, University of Bologna, Bologna, Italy. Vol. 4 2003 / [6] p. : ill

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

**Löper, Mari; Kangro, Triin; Tuttelberg, Kaur; Tealane, Marko; Kilter, Jako** 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 175-181 : ill [http://ise.elnet.ee/record=b2950104~S2\\*est](http://ise.elnet.ee/record=b2950104~S2*est)

## **Mikrovõrk võimaldab energiakasutust töhusamalt juhtida**

Alvela, Ain TööstusEST 2024 / lk. 26-29 : ill [https://www.esther.ee/record=b4481084\\*est](https://www.esther.ee/record=b4481084*est)

## **Milline on tehisintellekti tegelik potentsiaal elektrisüsteemide rakendustes?**

digiegenius.ee 2022 [Milline on tehisintellekti tegelik potentsiaal elektrisüsteemide rakendustes? https://doi.org/10.1016/j.egyai.2022.100169](https://doi.org/10.1016/j.egyai.2022.100169)

## **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 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>

## **Multiport DC/DC converters for renewable energy systems : general topologies and control methods**

**Andrijanovitš, Anna** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and The 1st Congress of World Engineers and Riga Polytechnical Institute : RTU Alumni, Paper 18 of Subsection of Power Electronic Converters and Applications 2012 / 6 p. : ill

## **Multiport DC/DC converters for renewable energy systems : general topologies and control methods**

**Andrijanovitš, Anna** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 121 : ill

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

**Laanetu, Margus; Höbejögi, 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

## **New converter topologies for integration of hydrogen based long-term energy storages to renewable energy systems = Uued muundurite topoloogiad vesinikul põhinevate energiasalvestite integreerimiseks taastuvenergiasüsteemidesse**

**Andrijanovitš, Anna** 2013 [http://www.esther.ee/record=b2946972\\*est](http://www.esther.ee/record=b2946972*est)

## **New DC/DC converter for electrolyser interfacing with stand-alone renewable energy system**

**Blinov, Andrei; Andrijanovitš, Anna** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 123 : ill <https://intapi.sciendo.com/pdf/10.2478/v10314-012-0004-1>

## **New DC/DC converter for electrolyser interfacing with stand-alone renewable energy system**

**Blinov, Andrei; Andrijanovitš, Anna** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and The 1st Congress of World Engineers and Riga Polytechnical Institute : RTU Alumni, Paper 23 of Subsection of Power Electronic Converters and Applications 2012 / 6 p. : ill <https://intapi.sciendo.com/pdf/10.2478/v10314-012-0004-1>

## New DC/DC converter for electrolyser interfacing with stand-alone renewable energy system

Blinov, Andrei; Andrianovitš, Anna Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2012 / p. 24-29 : ill <https://intapi.sciendo.com/pdf/10.2478/v10314-012-0004-1>

## A new evaluation mechanism on investment effectiveness of a production and technical transformation project in a power system

Wang, Yucui; Wang, Yuanxiang; Wen, Fushuan; Palu, Ivo; Shahnia, Farhad; Liu, Fuyan; Zeng, Xiao 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 2020 / p. 773-777 <https://doi.org/10.1109/SGES51519.2020.900143>

## New integrated converter for hydrogen buffer interfacing in distributed energy systems [Electronic resource]

Vinnikov, Dmitri; Andrianovitš, Anna; Roasto, Indrek; Lehtla, Tõnu International Conference on Renewable Energies and Power Quality (ICREPQ'11) : Las Palmas de Gran Canaria (Spain), 13th to 15th April 2011 2011 / [6] p. : ill. [CD-ROM]

## New shoot-through control methods for qZSI-based DC/DC converters

Roasto, Indrek; Vinnikov, Dmitri; Zakis, Janis; Husev, Oleksandr IEEE transactions on industrial informatics 2013 / p. 640-647 : ill

## A new single-phase flying inductor-based common grounded converter for dual-purpose application

Husev, Oleksandr; Vosoughi Kurdkandi, Naser; Marangalu, Milad Ghavipanjeh; Vinnikov, Dmitri; Hosseini, Seyed Hossein IEEE transactions on industrial electronics 2023 / p. 7913-7923 <https://doi.org/10.1109/TIE.2022.3215832>

## Novel approach immune to partial shading for photovoltaic energy harvesting from building integrated PV (BIPV) solar roofs

Chub, Andrii; Korkh, Oleksandr; Kosenko, Roman; Vinnikov, Dmitri 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 2243-2252 : ill <https://ieeexplore.ieee.org/document/8515623>

## Novel family of single-stage buck-boost inverters based on unfolding circuit

Husev, Oleksandr 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 39-40 : ill [https://www.esther.ee/record=b5183874\\*est](https://www.esther.ee/record=b5183874*est)

## Novel family of single-stage buck-boost inverters based on unfolding circuit : [conference paper]

Matiushkin, Oleksandr; Husev, Oleksandr 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 128-129 : ill [http://ise.elnet.ee/record=b2950043~S2\\*est](http://ise.elnet.ee/record=b2950043~S2*est)

## Novel multiport DC/DC converter for distributed energy systems

Andrianovitš, Anna 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. 57-60 : ill

## On technical management of large power transmission networks

Kangilaski, Taivo Proceedings of the Estonian Academy of Sciences. Engineering 2002 / 1, p. 18-37 : ill

## Operation of energy systems in free market conditions

Krumm, Lembit; Valdma, Mati Energetics : from Research to Innovation : Baltic-Finnish Conference : Tallinn, 1-2 November 2001 : proceedings 2002 / p. 59-61

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

Šuvalova, Jelena 2004 [https://www.esther.ee/record=b1967729\\*est](https://www.esther.ee/record=b1967729*est)

## Optimal control of power systems under incomplete information

Valdma, Mati ICARCV '92, proceedings : International Conference on Automation, Robotics and Computer Vision, 16-18 September 1992 1992 / p. 1161-1164

## Optimal design and dispatch of electrically driven heat pumps and chillers for a new development area

Pieper, Henrik; Ommen, Torben; Elmegaard, Brian; Volkova, Anna; Markussen, Wiebke Brix Environmental and Climate Technologies 2021 / p. 470-482 : ill <https://doi.org/10.2478/rtect-2020-0117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Optimal energy management of grid-connected multi-microgrid systems considering demand-side flexibility : a two-stage multi-objective approach

Karimi, Hamid; Gharehpetian, Gevork B.; Ahmadiahangar, Roya; Rosin, Argo Electric power systems research 2023 / art. 108902 <https://doi.org/10.1016/j.epsr.2022.108902>

## Optimal strategy for comfort-based home energy management system considering impact of battery degradation cost

**model**

Han, Binghui; Zahraoui, Younes; Mubin, Marizan; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex Mathematics 2023 / art. 1333 <https://doi.org/10.3390/math11061333>

**Optimization of active power generation in electric power system under incomplete information**

Valdma, Mati; Keel, Matti; Liik, Olev Proceeding of the Tenth Power Systems Computation Conference, Graz, Austria, 19-24 August 1990 1990 / p. 1171-1177

**Optimization of power system operation : editor's page**

Tammoja, Heiki Oil shale 2013 / p. 193-194 [https://artiklid.elnet.ee/record=b2631735\\*est](https://artiklid.elnet.ee/record=b2631735*est)

**Paneme energiasüsteemid omavahel suhtlema**

Wen, Fushuan TööstusEST 2020 / lk. 54-55 : fot [http://www.ester.ee/record=b4481084\\*est](http://www.ester.ee/record=b4481084*est)  
<https://toostusest.ee/uudis/2020/09/23/integreeritud-energiasusteem/>

**Photovoltaic module and submodule level power electronics and control**

Spagnuolo, Giovanni; Kouro, Samir; Vinnikov, Dmitri IEEE Transactions on Industrial Electronics 2019 / p. 3856 - 3859  
<https://doi.org/10.1109/TIE.2018.2883187> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Possibilities and analysis of integration of large-scale offshore wind parks into Estonian power system**

Kilter, Jako; Tšernobrovkin, Oleg; Landsberg, Mart; Agabus, Hannes; Palu, Ivo 8th International Workshop on Large Scale Integration of Wind Power and on Transmission Networks for Offshore Wind Farms : Bremen, Germany, 14-15 October, 2009 2009 / p. 624-629

**Possible solutions of using multi-engine power systems for switching locomotives**

Rassõlkin, Anton 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum 2011 / p. 7-10 : ill

**Power smoothing in smart buildings using flywheel energy storage**

Plaum, Freddy; Häring, Tobias; Ahmadiahangar, Roya; Rosin, Argo Proceedings : 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Online - Setúbal, Portugal, 08 - 10 July, 2020 2020 / p. 473-477 <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161458>

**Power supplies**

Kask, Ülo Estonia's islands : past and present 1996 / p. 34-37

**Power supply ESTA: a new way to solve the problems of power supply of arc furnaces**

Janson, Kuno; Järvik, Jaan VII Sympozjum na temat Przepiecia w urządzeniach elektrycznych i elektronicznych, Holny Mejera 16-19 października 1996 r 1996 / s. 47-62: ill

**Power supply system based on photovoltaic panels and three-level NPC inverter**

Shults, Tatiana Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 154-157 : 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](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](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](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

**Preliminary study on comparative load modelling in PSS/E and PSCAD**

Leinakse, Madis; Kapp, Henry; Kilter, Jako 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 197-199 : ill [http://ise.elnet.ee/record=b2950110~S2\\*est](http://ise.elnet.ee/record=b2950110~S2*est)

**Professor : Eesti võiks koos naabritega tuumaenergiat toota [Võrguväljaanne]**

Jaakson, Tiina err.ee 2021 "Professor: Eesti võiks koos naabritega tuumaenergiat toota "

**Professor : Estonia could produce nuclear energy with neighbors [Online resource]**

news.err.ee 2021 "Professor: Estonia could produce nuclear energy with neighbors "

**Professor: Estonians might not even notice disconnecting from Russian grid [Online resources]**

Oidermaa, Jaan-Juhan news.err.ee 2022 Professor: Estonians might not even notice disconnecting from Russian grid

**Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta**

goodnews.ee 2023 Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta

**Programmisüsteem ESTOPT**

Keel, Matti Sähkö & tele 1996 / 2, [ajakirja lisa] Seltsi Ajaleht / Eesti Elektroenergeetika Selts, lk. 37-38

**Päikeseelektri tulva aitaks leevedada kohalik salvestusvõimsus**

Alvela, Ain novaator,err.ee 2023 Päikeseelektri tulva aitaks leevedada kohalik salvestusvõimsus <https://digikogu.taltech.ee/et/item/2c178a6b-f918-4932-bd1b-48fefb7fc7aa>

**Quasi-Z source T-type power converter for PV based commercial and industrial nanogrids with active functions strategy**

Barrero-Gonzalez, Fermín; Roncero-Clemente, Carlos; Milanes-Montero, María Isabel; Gonzalez-Romera, Eva; Romero-Cadaval, Enrique; **Husev, Oleksandr** Electronics 2020 / art. 1233, 18 p. : ill <https://doi.org/10.3390/electronics9081233> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Rahvusvaheline elektrotehnika sõnastik. Osa 448, Elektrisüsteemi kaitse [Võrguteavik] = International Electrotechnical Vocabulary. Part 448, Power system protection (IEC 60050-448:1995)**

2017 [http://www.est.ee/record=b4771190\\*est](http://www.est.ee/record=b4771190*est)

**Rahvusvaheline seminar TTÜ elektroenergeetika instituudis : [seminarist Energiasüsteemid - töökindlus ja juhtimine]**  
Treufeldt, Ülo Elektriaala 2002 / 5, lk. 28

**Rainer Kattel: tulevik ilma nafta ja gaasita [Võrguväljaanne]**

Kattel, Rainer postimees.ee 2021 "Ragnar Nurkse innovatsiooni ja valitsemise instituut"

**Residential DC load forecasting using long short-term memory network (LSTM)**

Shabbir, Norman; Ahmadiahangar, Roya; Rosin, Argo; Husev, Oleksandr; Jalakas, Tanel; Martins, Joao 2023 IEEE 11th International Conference on Smart Energy Grid Engineering (SEGE) 2023 / p. 131-136 <https://doi.org/10.1109/SEGE59172.2023.10274596>

**Residential load forecasting using machine learning techniques : a comparative analysis**

Shabbir, Norman 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. 73-74 : ill [https://www.est.ee/record=b5457278\\*est](https://www.est.ee/record=b5457278*est)

**A resilience-enhancing system restoration method considering voltage balance**

Pang, Kaiyuan; Wang, Yizheng; **Wen, Fushuan; Palu, Ivo**; Yang, Zeng; Chen, Minghui; Zhao, Hongwei; Shang, Huiyu 2020 IEEE Power & Energy Society General Meeting (GM 2020) 2020 / 5 | <https://doi.org/10.1109/PESGM41954.2020.9281725>

**A review of demand side flexibility potential in Northern Europe**

Söder, Lennart; Lund, Peter D.; **Koduvere, Hardi**; Folsland Bolkesjø, Torjus Renewable and Sustainable Energy Reviews 2018 / p. 654-664 : ill <https://doi.org/10.1016/j.rser.2018.03.104> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**A review on real-time simulation and analysis methods of microgrids**

Ahmadihangar, Roya; Rosin, Argo; Nabavi Niaki, Ali; **Palu, Ivo; Korótko, Tarmo** International transactions on electrical energy systems 2019 / art. e12106, 16 p. : ill <https://doi.org/10.1002/2050-7038.12106> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Robust decentralized model predictive load-frequency control design for time-delay renewable power systems**

Magdy, Gaber; **Bakeer, Abualkasim Ahmed Ali**; Alhasheem, Mohammed International journal of emerging electric power systems 2021 / p. 617-628 : ill <https://doi.org/10.1515/ijeps-2021-0109> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Saa targaks tarbijaks või energiamailma tuleviku tipptegijaks**

Pajo, Raine Studioosus 2012 / lk. 14-15 [https://www.est.ee/record=b1558644\\*est](http://www.est.ee/record=b1558644*est)

**SEPIC-based modular DC/DC converter**

**Chub, Andrii** 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. 53-55 : ill

**Short-term planning of active power generation in hydro-thermal power system under incomplete information**  
Valdma, Mati; Keel, Matti; Liik, Olev Tallinna Tehnikaülikooli Toimetised 1990 / lk. 3-16: ill

**Simulation and experimental study on energy management of circulating centrifugal pumping plants with variable speed drives = Muudetava kiirusega ajamitega tsentrifugaalpumpadega varustatud tsirkulatsioonpumbajaamade energiahaldussüsteemide simuleerimine ja eksperimentaalne uurimine**  
Gevorkov, Levon 2017 <https://digi.lib.ttu.ee/i/?7669>

**Simulation study of different modulation techniques for three-level quasi-Z-source inverter**

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr; Vinnikov, Dmitri** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvia : [abstracts] 2012 / p. 120 : ill  
<https://intapi.sciendo.com/pdf/10.2478/v10314-012-0002-3>

**Single switch multi-winding wireless power transfer system based on Z-source network**

Kroics, Kaspars; **Husev, Oleksandr**; Pakhaluk, Bohdan 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 2465-2474 : ill <https://ieeexplore.ieee.org/document/8515602>

**Sissejuhatus energiatehnikasse**

Risthein, Endel 2007 [http://www.esther.ee/record=b2290665\\*est](http://www.esther.ee/record=b2290665*est)

**Sissejuhatus energiatehnikasse : ettekanne õpiku "Sissejuhatus energiatehnikasse" esitlusel 28. septembril 2007 energeetikateaduskonnas**

Risthein, Endel Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 383-385

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

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

**Some scenarios of CO<sub>2</sub> emissions from the energy system**

Liik, Olev; Landsberg, Mart Estonia in the system of global climate change 1996 / p. 190-206: ill

**Staatiline reaktiivvõimsuse kompensaator**

**Rebane, A.; Järvik, Jaan; Reiner, Ardi** XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 61 [https://www.esther.ee/record=b2449987\\*est](https://www.esther.ee/record=b2449987*est)

**State-of-the-art activity recognition and prediction techniques applicable to the home energy management system**

Hokmabad, Hossein Nourollahi; **Belikov, Juri; Husev, Oleksandr; Vinnikov, Dmitri** 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / art. 181231 : ill <https://doi.org/10.1109/ENERGYCON53164.2022.9830154>

**State-of-the-art review of Z-source and quasi-Z-source DC/DC converter topologies**

**Chub, Andrii; Husev, Oleksandr; Ivanets, Sergii** 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. 68-75 : ill

**Steroidid äri jaoks: energainfooriatika tahab viia Eesti majanduse uuele töösule**

postimees.ee 2023 [Steroidid äri jaoks: energainfooriatika tahab viia Eesti majanduse uuele töösule](https://postimees.ee/2023/03/01/steroidid-eri-jakos-energainfooriatika-tahab-viia-eesti-majanduse-uuele-toosule)

**Stochastic energy management for Battery Storage System-based microgrid considering different forecasting models**

Zahraoui, Younes; Korotko, Tarmo; **Rosin, Argo; Ahmadiahangar, Roya** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227451>

**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>

**Sustainable conditions for the development of renewable energy systems : a triple bottom line perspective**

Lerman, Laura Visintainer; Benitez, Guilherme Brittes; **Gerstlberger, Wolfgang Dieter; Rodrigues, Vinícius Picanço; Frank, Alejandro G.** Sustainable cities and society 2021 / art. 103362, 11 p. : ill [https://doi.org/10.1016/j.scs.2021.103362 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.scs.2021.103362)

**Suurte süsteemide kirjeldamiseks vajalikud valdkonnad**

Kangilaski, Taivo A & A 2001 / 1, lk. 22-30 [https://artiklid.elnet.ee/record=b1006241\\*est](https://artiklid.elnet.ee/record=b1006241*est)

TalTech pakub uue erialana roheliste energiatehnoloogiate õpet [Võrguväljaanne]  
rohe.geenius.ee 2022 "TalTech pakub uue erialana roheliste energiatehnoloogiate õpet "

Tarbijate juhtimine : suurtarbijate koormusgraafikute salvestamine ning analüüs juhtimise rakendamise võimaluste tuvastamiseks

Rosin, Argo; Drovtar, Imre; Link, Siim; Höimoja, Hardi; Mölder, Heigo; Möller, Taavi 2014  
[https://www.estet.ee/record=b4432844\\*est](https://www.estet.ee/record=b4432844*est)

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

Astapov, Victor 2015 [http://www.estet.ee/record=b4494703\\*est](http://www.estet.ee/record=b4494703*est)

Techno-economic analysis of hydrogen buffers for distributed energy systems

Andrijanovitš, Anna 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. 96-100 : ill

Tehnikaülikool uurib NRG tehingu kasulikkust : [TTÜ rektori Andres Keevalliku palvel valmib TTÜ teadlaste, soojusenergeetika tippspetsialistide arvamus NRG Energy tehingu kohta : vastlus Andres Keevalliku ja Arvo Otsaga] Ammas, Anneli; Keevallik, Andres; Ots, Arvo Eesti Päevaleht 2001 / 23. aug., lk. 2 : fot  
<https://epl.delfi.ee/artikel/50807762/tehnikaulikool-uurib-nrg-tehingu-kasulikkust>

Tehnikaülikooli professor: Venemaal ei ole ainult Eestit mitte kuidagi võimalik oma elektrisüsteemist välja lülitada [Võrguväljaanne]

Pau, Aivar forte.delfi.ee 2022 [Tehnikaülikooli professor: Venemaal ei ole ainult Eestit mitte kuidagi võimalik oma elektrisüsteemist välja lülitada](#)

TEST: Kui palju tead energiectikast? [Võrguväljaanne]

postimees.ee 2021 "[TEST: Kui palju tead energiectikast?](#)"

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

2004 [https://www.estet.ee/record=b1978182\\*est](https://www.estet.ee/record=b1978182*est)

The invisible front : a cyber resilience perspective

Bahsi, Hayretdin The geopolitics of power grids : political and security aspects of Baltic electricity synchronization : March 2018 2018 / p. 53–68 : ill [https://www.estet.ee/record=b5053315\\*est](https://www.estet.ee/record=b5053315*est)

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

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

The role of wood fuel in a sustainable energy systems for Estonia

Kask, Ülo; Muiste, Peeter Making a business from biomass in energy, environment chemicals, fibers and materials : proceedings of the 3rd Biomass Conference of the Americas, Montreal, Quebec, Canada August 24-29, 1997. Vol. 1 1997 / p. 71-77

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

2008 [https://www.estet.ee/record=b2549933\\*est](https://www.estet.ee/record=b2549933*est)

The use of thermal energy storage for energy system based on cogeneration plant

Volkova, Anna; Siirde, Andres Recent Researches in Geography, Geology, Energy, Environment and Biomedicine : Proceedings of the 4th WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology (EMESEG '11) : Proceedings of the 2nd International Conference on Geography and Geology 2011 (WORLD-GEO '11) : Proceedings of the 5th International Conference on Energy and Development - Environment - Biomedicine 2011 (EDEB '11), Corfu Island, Greece, July 14-16, 2011 2011 / p. 71-75 : ill

Three-level half-bridge ZVS DC/DC converter for electrolyzer integration with renewable energy systems

Andrijanovitš, Anna; Vinnikov, Dmitri; Roasto, Indrek; Blinov, Andrei 2011 10th International Conference on Environment and Electrical Engineering (EEEIC), 8-11 May 2011, Rome, Italy : conference proceedings 2011 / [4 p.] : ill

To BIM or not to BIM? Lessons learned from a Greek vernacular museum building

Priavolou, Christina AIMS Environmental Science 2020 / p. 192-207 <https://doi.org/10.3934/environsci.2020012>. [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Transient computing pour les réseaux de capteurs sans fil à récolte d'énergie : méthodes d'hibernation et aspects architecturaux**

**Le Moullec, Yannick; Diguet, Jean-Philippe Compas 2016 : Conférence d'informatique en Parallélisme, Architecture et Système 2016 : Lorient, France, 5-8 July 2016 / [8] p**

**Täiendavate reaktiivvõimsuse allikate optimaalse paigutuse määramine Eesti energiasüsteemis**

**Raidam, R.; Juss, T. XXXII üliõpilaste teaduslik-tehniline konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 100 [https://www.ester.ee/record=b1322611\\*est](https://www.ester.ee/record=b1322611*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**

**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**

**Wide input voltage range operation of the series resonant DC-DC converter with bridgeless boost rectifier**

**Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri; Rosin, Argo Energies 2020 / p. 4220-4237 <https://doi.org/10.3390/en13164220> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS**

**Wide range series resonant DC-DC converter with a reduced component count and capacitor voltage stress for distributed generation**

**Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Blinov, Andrei; Lai, Jih-Sheng Energies 2021 / art. 2051 <https://doi.org/10.3390/en14082051> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS**

**Väljakutsed energiateeninduslikeks : [avatud platvorm energiavoogude juhtimiseks]**

**Korõtko, Tarmo Tehnikamaailm 2024 / lk. 74-75 : fot [https://www.ester.ee/record=b1073050\\*est](https://www.ester.ee/record=b1073050*est)**

**Õppaprogrammide süsteem energiasüsteemi režiimide arvutamiseks**

**Meldorf, Mati; Raesaar, Peeter; Sild, Ants; Tiigimägi, Eeli Arvutite ja tehniliste vahendite kasutamine õppetöös : TP150. aastapäevale pühendatud teaduslik-metoodilise konverentsi, 26.-27. märtsil : ettekannete teesid 1986 / lk. 60-62 [https://www.ester.ee/record=b1206593\\*est](https://www.ester.ee/record=b1206593*est)**

**Üleminek põlevkivielektrile tuule- ja päikeseelektrile - kuidas ja millal?**

**Janson, Kuno; Bolgov, Viktor Elektrala 2013 / lk. 21 ; 2, lk. 18-19 : ill**

**Агрегирование подсистем электроэнергетической системы**

**Raesaar, Peeter; Tiigimägi, Eeli II Всесоюзная конференция по проблемам управления развитием систем (курс-II) : Таллин, 26-28 апреля 1982 г. : тезисы докладов конференции 1982 / с. 153-154 [https://www.ester.ee/record=b2681243\\*est](https://www.ester.ee/record=b2681243*est)**

**Алгоритм оптимального корректирования планов режима энергосистемы**

**Keel, Matti Энергетические системы : сборник статей. 5 1974 / с. 13-18 : илл [https://www.ester.ee/record=b2190662\\*est](https://www.ester.ee/record=b2190662*est) <https://digikogu.taltech.ee/et/item/11c437c8-2c10-4297-aa20-712c96721051>**

**Анализ обменных мощностей эстонской энергосистемы**

**Valdma, Mati; Kalmet, H.; Keel, Matti Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 64-65 [https://www.ester.ee/record=b1319482\\*est](https://www.ester.ee/record=b1319482*est)**

**Анализ приближенных методов корректирования оптимального режима энергосистемы**

**Peterson, V.; Valdma, Mati XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Электротехника и энергетика 1970 / с. 69 [https://www.ester.ee/record=b1379483\\*est](https://www.ester.ee/record=b1379483*est)**

**Анализ топологической наблюдаемости при оценивании состояния электрической системы в реальном времени**

**Raesaar, Peeter; Tiigimägi, Eeli Tallinna Tehnikaülikooli Toimetised 1990 / lk. 31-36**

**Аппроксимация границы области устойчивости сложной энергосистемы**

**Meldorf, Mati Энергетические системы : сборник статей. 3 1969 / с. 39-45 [https://www.ester.ee/record=b2183089\\*est](https://www.ester.ee/record=b2183089*est) <https://digikogu.taltech.ee/et/item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>**

**Аппроксимация закона распределения нагрузки энергетической системы**

**Meldorf, Mati; Tiigimägi, Eeli Энергетические системы : сборник статей. 5 1974 / с. 27-33 [https://www.ester.ee/record=b2190662\\*est](https://www.ester.ee/record=b2190662*est) <https://digikogu.taltech.ee/et/item/11c437c8-2c10-4297-aa20-712c96721051>**

**Без России никуда. Что может спасти энергетику Эстонии [Online resource]**

## Введение в энерготехнику

Risthein, Endel 2008 [https://www.estr.ee/record=b2412915\\*est](https://www.estr.ee/record=b2412915*est)

## Ведущая программа комплекса обработки нагрузок энергетической системы

Jokk, Viivi; Lepp, Marge; Meldorf, Mati; Poltavtseva, L.N. Вопросы стохастического управления режимами энергетических систем 1984 / с. 73-79 : илл [https://www.estr.ee/record=b1522851\\*est](https://www.estr.ee/record=b1522851*est) <https://digikogu.taltech.ee/et/item/8b301d9a-aee8-41d5-8fbc-8273e74247fb>

## Ведущая программа системы обработки нагрузок

Meldorf, Mati; Surgutšik, R. XXVI студенческая научно-техническая конференция вузов Молдавской ССР, Белорусской ССР и Прибалтийских республик, 21-23 апреля 1982 года : тезисы докладов. Часть 1, Общественные науки. Математика. Энергетика. Электрофизика 1982 / с. 89

## Вероятносное описание и учет отклонений фактических генерируемых мощностей от задаваемых при планировании режимов ЕЭС СССР

Valdma, Mati; Sovalov, S.A. Известия Академии наук СССР. Энергетика и транспорт 1975 / с. 31-38 : илл [https://www.estr.ee/record=b1563509\\*es](https://www.estr.ee/record=b1563509*es)

## Вероятностное моделирование нагрузок узлов энергосистемы

Meldorf, Mati; Raesaar, Peeter; Seier, Gustav; Tiigimägi, Eeli Проблемы оптимизации в электроэнергетике : республиканская конференция Эстонской ССР (19-20 июня 1969 г.) 1969 / с. 25-26 [https://www.estr.ee/record=b1344826\\*est](https://www.estr.ee/record=b1344826*est)

## Вероятностный анализ нагрузки узлов энергосистемы

Meldorf, Mati; Seier, Gustav Энергетические системы : сборник статей. 4 1971 / с. 47-53 : илл [https://www.estr.ee/record=b2190160\\*est](https://www.estr.ee/record=b2190160*est) <https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

## Вопросы определения показателей суммарной нагрузки энергетической системы

Meldorf, Mati; Sivakova, V.P. Вопросы стохастического управления режимами энергетических систем 1983 / с. 73-81 [https://www.estr.ee/record=b1286752\\*est](https://www.estr.ee/record=b1286752*est) <https://digikogu.taltech.ee/et/item/b141cd1d-47a3-4711-8322-8d98db01d64a>

## Вопросы прогнозирования нагрузок узлов электроэнергетической системы

Valtin, Juhani; Meldorf, Mati; Tiigimägi, Eeli; Treufeldt, Ülo Энергетические системы. 6 1976 / с. 81-84 [https://www.estr.ee/record=b2190764\\*est](https://www.estr.ee/record=b2190764*est) <https://digikogu.taltech.ee/et/item/29c0dace-ec62-42eb-bb12-1eff5fe77294>

## Выбор рациональной конструкции управляемого реактора 525 кВ, 180 МВА

Tellinen, Juhani; Järvi, Jaan Электротехника 1991 / 2, с. 35-37: ил

## Задачи и методы комплексной оптимизации при управлении электроэнергетическими системами : автореферат ... доктора технических наук (05.14.06)

Krumm, Lembit 1977 [http://www.estr.ee/record=b3054876\\*est](http://www.estr.ee/record=b3054876*est)

## Законы изменения состояния энергетической системы

Talve, Leo Труды по горному делу : сборник статей. 4 1968 / с. 3-16 : илл [https://www.estr.ee/record=b2182194\\*est](https://www.estr.ee/record=b2182194*est) <https://digikogu.taltech.ee/et/item/40a0b892-9517-4a21-b04b-962a634ce090>

## Интерполирование и экстраполирование нормированного процесса изменения нагрузок энергетической системы

Meldorf, Mati; Täht, Toomas Вопросы стохастического управления режимами энергетических систем 1982 / с. 107-112 [https://www.estr.ee/record=b1303314\\*est](https://www.estr.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

## Исследование влияния освещенности на нагрузку энергосистемы

Knjažetski, A.; Treufeldt, Ülo XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с.58-59 [https://www.estr.ee/record=b1322629\\*est](https://www.estr.ee/record=b1322629*est)

## Исследование задачи оптимального корректирования планов режима и процессов отклонений параметров режима электроэнергетических систем : автореферат ... кандидата технических наук (05.14.06)

Keel, Matti 1977 [https://www.estr.ee/record=b1307180\\*est](https://www.estr.ee/record=b1307180*est)

## Исследование минимаксных задач оптимизации распределения активных нагрузок в энергетической системе

Valdma, Mati; Lurje, M. Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 65 [https://www.estr.ee/record=b1319482\\*est](https://www.estr.ee/record=b1319482*est)

## Исследование эффективности учета вероятностей исходной информации при оптимизации распределения

## **активных мощностей в энергетической системе**

**Valdma, Mati; Morel, Ants** XXVI студенческая научно-техническая конференция вузов Молдавской ССР, Белорусской ССР и Прибалтийских республик, 21-23 апреля 1982 г : Тезисы докладов Ч. 1 : Общественные науки. Математика. Энергетика. Электрофизика 1982 / с. 91

## **К вопросу вероятностного моделирования мощностей узлов энергосистемы**

**Raesaar, Peeter; Tiigimägi, Eeli** Энергетические системы : сборник статей. 4 1971 / с. 55-60

[https://www.esther.ee/record=b2190160\\*est](https://www.esther.ee/record=b2190160*est) <https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

## **К вопросу о регулировании частоты в об'единенных энергосистемах**

**Terno, Olaf** 1957 [https://www.esther.ee/record=b1384748\\*est](https://www.esther.ee/record=b1384748*est) <https://digikogu.taltech.ee/et/item/e40298fe-7a78-4eec-928b-efd541bb1462>

## **К вопросу определения узловых нагрузок в электроэнергетических системах**

**Treufeldt, Ülo** Энергетические системы. 6 1976 / с. 67-70 [https://www.esther.ee/record=b2190764\\*est](https://www.esther.ee/record=b2190764*est)

<https://digikogu.taltech.ee/et/item/29c0dace-ec62-42eb-bb12-1eff5fe77294>

## **Компенсация зарядных мощностей линий 110 кВ Бурятской энергосистемы с помощью насыщающихся реакторов 10 кВ**

**Treufeldt, Ülo; Vladislavlev, Mihail** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 37-44: ill

## **Комплекс программ имитации нагрузок энергетической системы**

**Surgutšik, R.; Meldorf, Mati** Тезисы докладов XXIX студенческой научно-технической конференции вузов республик Прибалтики, Белоруссии и Молдавии "Студенческие научные достижения - народному хозяйству" [16-18 апр. 1985 г.]. Ч. 3, Физика, электротехника, автоматика и электроника 1985 / с. 44 [https://www.esther.ee/record=b2718661\\*est](https://www.esther.ee/record=b2718661*est)

## **Комплекс программ статистического анализа режима энергообъектов**

**Keel, Matti; Liik, Olev; Möller, Kalju** III Всесоюзная конференция «Перспективы и опыт внедрения статистических методов в АСУ ТП». Тула, 2-4 июня 1987 г 1987 / с. 210-211

## **Комплекс слежения за режимом электроэнергетической системы**

**Meldorf, Mati; Sild, Ants** Информационное обеспечение ; Задачи реального времени в диспетчерском управлении :

[материалы семинара "Информационное обеспечение АСДУ ЭЭС", сент. 1988 г., Паланга]. Ч. 2, Программные разработки 1989 / с. 95-100 : или [https://www.esther.ee/record=b1976951\\*est](https://www.esther.ee/record=b1976951*est)

## **Корреляционные зависимости нагрузок электроэнергетических систем и их узлов**

**Keel, E.; Raesaar, Peeter; Tiigimägi, Eeli** Методы управления режимами энергетических систем 1978 / с. 29-36

## **Крупенский: Эстония — часть европейской энергосистемы [Online resource]**

2021 ["Крупенский: Эстония — часть европейской энергосистемы"](#)

## **Лабораторный пакет на базе микропроцессорного контроллера MC 2702 для регулирования частоты в энергосистеме**

**Eelmere, T.; Lelumees, Heino** XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 49 [https://www.esther.ee/record=b1305565\\*est](https://www.esther.ee/record=b1305565*est)

## **Математическая модель нагрузки энергетической системы**

**Meldorf, Mati** Энергетические системы. 6 1976 / с. 57-65 : или [https://www.esther.ee/record=b2190764\\*est](https://www.esther.ee/record=b2190764*est)  
<https://digikogu.taltech.ee/et/item/29c0dace-ec62-42eb-bb12-1eff5fe77294>

## **Математическое моделирование нагрузки Эстонской энергосистемы**

**Koltšanova, E.; Meldorf, Mati** XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 50 [https://www.esther.ee/record=b1305565\\*est](https://www.esther.ee/record=b1305565*est)

## **Математическое моделирование нагрузок узлов электроэнергетической системы : автореферат ... кандидата технических наук (05.14.02)**

**Valtin, Juhani** 1979 [https://www.esther.ee/record=b1519290\\*est](https://www.esther.ee/record=b1519290*est)

## **Математическое моделирование нагрузок узлов энергетической системы**

**Majerko, S.; Meldorf, Mati** XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 58 [https://www.esther.ee/record=b1322629\\*est](https://www.esther.ee/record=b1322629*est)

## **Математическое моделирование процесса изменения мощности собственных нужд конденсационных электростанций**

**Sild, Ants** Вопросы стохастического управления режимами энергетических систем 1987 / с. 77-85

**Международное сотрудничество по применению и развитию исследований по методам комплексной оптимизации управления, надежности и соответствующей сети координации на межгосударственных и региональных уровнях объединения энергосистем (ОЭС)**

**Krumm, Lembit** Методические вопросы исследования надежности больших систем энергетики. Выпуск 61, Проблемы исследования и обеспечения надежности либерализованных систем энергетики 2011 / с. 234-242

**Метод и алгоритм оптимизации режима энергетической системы при случайной нагрузке**

**Valdma, Mati** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 70 [https://www.esther.ee/record=b1359832\\*est](https://www.esther.ee/record=b1359832*est)

**Методика невероятностного анализа динамической устойчивости сложной энергетической системы**

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

**Методические вопросы статистического моделирования стационарного режима электроэнергетической системы**

**Meldorf, Mati; Tiigimägi, Eeli; Täht, Toomas** Вопросы стохастического управления режимами энергетических систем 1987 / с. 10-18 [https://www.esther.ee/record=b1224602\\*est](https://www.esther.ee/record=b1224602*est) <https://digikogu.taltech.ee/et/item/3e0eab00-e829-412f-8ce6-ba0ab86db07e>

**Моделирование детерминированной системы ФАПЧ на АВМ**

**Min, Mart; Paavle, Toivo** Труды по электротехнике и автоматике : сборник статей. 13 1975 / с. 67-71 : илл [https://www.esther.ee/record=b2190710\\*est](https://www.esther.ee/record=b2190710*est) <https://digikogu.taltech.ee/et/item/ffbd63ed-06d6-4bbb-9468-118f743cc87f>

**Моделирование динамики нормального режима электроэнергетической системы**

**Meldorf, Mati** Информационное обеспечение ; Задачи реального времени в диспетчерском управлении : [материалы семинара "Информационное обеспечение АСДУ ЭЭС", сент. 1988 г., Паланга]. Ч. 1, Методологические вопросы. 1989 / с. 202-207 : илл [https://www.esther.ee/record=b1976951\\*est](https://www.esther.ee/record=b1976951*est)

**Моделирование нагрузки электроэнергетической системы с учетом метеорологических факторов**

**Valtin, Juhan; Meldorf, Mati** Методы управления режимами энергетических систем 1978 / с. 3-9

**Моделирование нагрузок электроэнергетической системы и ее узлов в особые дни**

**Valtin, Juhan; Meldorf, Mati; Treufeldt, Ülo** Методы управления режимами энергетических систем 1978 / с. 11-15

**Моделирование некоторых дополнительных тенденций изменения нагрузок электроэнергетической системы и ее узлов**

**Treufeldt, Ülo** Методы управления режимами энергетических систем 1980 / с. 89-95

**Моделирование системной автоматики и генераторов при расчете самоустанавливающихся режимов электроэнергетических систем**

**Kull, Karl; Kurrel, Ü.; Mere, Tarmo; Tikk, Tõnis** XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 49-50 [https://www.esther.ee/record=b1322629\\*est](https://www.esther.ee/record=b1322629*est)

**Некоторые вопросы вероятностного оптимального планирования производственных процессов энергетических систем**

**Valdma, Mati; Terno, Olaf** Энергетические системы : сборник статей. 2 1965 / с. 29-50 : илл

[https://www.esther.ee/record=b2181997\\*est](https://www.esther.ee/record=b2181997*est) <https://digikogu.taltech.ee/et/item/eccc6a33-a1eb-4988-b989-2f0fd4d9a796>

**О возможностях вероятностного планирования суточных процессов энергетических систем**

**Valdma, Mati** Применение математических методов и вычислительных машин в энергетике : [Тезисы докладов конференции : Вып. 1 1968 / с. 45-49

**О допустимой погрешности расчета относительных приростов потерь активной мощности**

**Raeshaar, Peeter** Проблемы оптимизации в электроэнергетике : республиканская конференция Эстонской ССР (19-20 июня 1969 г.) 1969 / с. 26-28 [https://www.esther.ee/record=b1344826\\*est](https://www.esther.ee/record=b1344826*est)

**О корректировании планов активной мощности электроэнергетических систем в вероятностно-определенных условиях**

**Keel, Matti** Энергетические системы. 6 1976 / с. 3-10 : илл [https://www.esther.ee/record=b2190764\\*est](https://www.esther.ee/record=b2190764*est) <https://digikogu.taltech.ee/et/item/29c0dace-ec62-42eb-bb12-1eff5fe77294>

**О математическом моделировании нагрузок узлов электроэнергетической системы**

**Valtin, Juhan; Meldorf, Mati; Raesaar, Peeter; Tiigimägi, Eeli; Treufeldt, Ülo** Энергетические системы. 6 1976 / с. 71-79 : илл

[https://www.estr.ee/record=b2190764\\*est](https://www.estr.ee/record=b2190764*est) <https://digikogu.taltech.ee/et/item/29c0dace-ec62-42eb-bb12-1eff5fe77294>

**О математическом моделировании узловых нагрузок при планировании режима электроэнергетической системы**

**Meldorf, Mati; Valtin, Juhani; Treufeldt, Ölo** Снижение потерь в электроэнергетических системах : тезисы докладов всесоюзной научной конференции (30 сент.-3 окт. 1981 г.) 1981 / с. 239-240 [https://www.estr.ee/record=b2654560\\*est](https://www.estr.ee/record=b2654560*est)

**О минимаксно-оптимальном режиме электроэнергетической системы**

**Valdma, Mati; Viira, Tarmo** Энергетические системы : сборник статей. 4 1971 / с. 17-23 [https://www.estr.ee/record=b2190160\\*est](https://www.estr.ee/record=b2190160*est)  
<https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

**О постановке задач оптимального корректирования планов режима электроэнергетической системы**

**Valdma, Mati; Keel, Matti** Энергетические системы : сборник статей. 5 1974 / с. 3-12 : илл [https://www.estr.ee/record=b2190662\\*est](https://www.estr.ee/record=b2190662*est)  
<https://digikogu.taltech.ee/et/item/11c437c8-2c10-4297-aa20-712c96721051>

**О прямых и косвенных задачах распределения нагрузок**

**Valdma, Mati** Проблемы оптимизации в электроэнергетике : республиканская конференция Эстонской ССР (19-20 июня 1969 г.) 1969 / с. 8-9 [https://www.estr.ee/record=b1344826\\*est](https://www.estr.ee/record=b1344826*est)

**О расчете уровня нижнего бьефа гидростанций при экономичном распределении нагрузок в энергосистеме**

**Tiigimägi, Eeli** Экономические режимы энергетических систем 1963 / с. 41-46 : илл [https://www.estr.ee/record=b1428018\\*est](https://www.estr.ee/record=b1428018*est)  
<https://www.etera.ee/zoom/121729/view?>

**О результатах исследования влияния изменения напора гидростанций на экономичность режима энергетических систем**

**Valdma, Mati; Grossman, Otto; Lelumees, Heino; Meldorf, Mati; Tiigimägi, Eeli** Энергетические системы : сборник статей. 2 1965 / с. 21-28 : илл [https://www.estr.ee/record=b2181997\\*est](https://www.estr.ee/record=b2181997*est) <https://digikogu.taltech.ee/et/item/eecc6a33-a1eb-4988-b989-2f0fd4d9a796>

**О синтетическом методе вычисления оптимальных процессов энергетических систем**

**Valdma, Mati; Terno, Olaf** Энергетические системы : сборник статей. 2 1965 / с. 51-61 [https://www.estr.ee/record=b2181997\\*est](https://www.estr.ee/record=b2181997*est)  
<https://digikogu.taltech.ee/et/item/eecc6a33-a1eb-4988-b989-2f0fd4d9a796>

**О составлении физически обоснованных математических моделей для нагрузок электроэнергетической системы**

**Meldorf, Mati** Моделирование электроэнергетических систем : тезисы докладов всесоюз. науч. конф. (19 окт. - 21 окт. 1982 г.) 1982 / с. 139

**О стохастической оптимизации режимов работы энергетических систем**

**Valdma, Mati; Keel, Matti; Lelumees, Heino; Möller, Kalju; Tammoja, Heiki** Optymalizacja projektowania i eksploatacji systemów i urządzeń elektroenergetycznych, Warszawa, 18-20 listopada 1980 r. T. 1 1980 / p. 191-198

**Об использовании вероятностной информации при оптимизации режима энергетической системы**

**Valdma, Mati** Тезисы докладов на Совещании по теме "Оптимизация режимов работы энергосистем" (22-26 авг. 1977 г.) 1977 / с. 63-66

**Об исследовании проблемы оптимального управления режимами энергетических систем**

**Valdma, Mati; Möller, Kalju; Tiigimägi, Eeli** Развитие научных исследований в области технических наук в Эстонской ССР : тезисы республиканской конференции, Таллин, 15-16 октября 1986 г. 1986 / с. 153-156 [https://www.estr.ee/record=b1231513\\*est](https://www.estr.ee/record=b1231513*est)

**Об оптимизации краткосрочных режимов энергетических систем в условиях неполной информации**

**Valdma, Mati** Оптимизация энергетических режимов электростанций и энергосистем : (тезисы докладов семинара) 1982 / с. 40-41

**Об оптимизации режима электроэнергетической системы по минимаксным критериям**

**Valdma, Mati; Viira, Tarmo** Известия Академии наук СССР. Энергетика и транспорт 1972 / с. 24-34  
[https://www.estr.ee/record=b1563509\\*est](https://www.estr.ee/record=b1563509*est)

**Об оптимизации режима электроэнергетической системы по непрерывным переменным в условиях риска**

**Valdma, Mati** Энергетические системы : сборник статей. 4 1971 / с. 3-10 [https://www.estr.ee/record=b2190160\\*est](https://www.estr.ee/record=b2190160*est)  
<https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

**Об упрощении формул расчета относительных приростов потерь**

**Raesaar, Peeter** Энергетические системы : сборник статей. 3 1969 / с. 85-92 : илл [https://www.estr.ee/record=b2183089\\*est](https://www.estr.ee/record=b2183089*est)  
<https://digikogu.taltech.ee/et/item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

**Об учете вероятностной информации при оптимизации и анализе режимов энергетических систем**

**Valdma, Mati** Снижение потерь в электроэнергетических системах : тезисы докладов всесоюзной научной конференции (30 сент.-3 окт. 1981 г.) 1981 / с. 218-219 [https://www.estr.ee/record=b2654560\\*est](https://www.estr.ee/record=b2654560*est)

#### **Об эквивалентных экономических характеристиках узлов нагрузок**

Sirkel, Rein; Tiigimägi, Eeli Энергетические системы : сборник статей. 4 1971 / с. 61-66 [https://www.estr.ee/record=b2190160\\*est](https://www.estr.ee/record=b2190160*est)  
<https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

#### **Обеспечение режимных задач электроэнергетических систем исходными данными об узловых нагрузках : автореферат ... кандидата технических наук (05.14.02)**

Treufeldt, Ülo 1978 [https://www.estr.ee/record=b1563800\\*est](https://www.estr.ee/record=b1563800*est)

#### **Обработка исходных данных и прогнозирование показателей электропотребления электроэнергетической системы**

Raeshaar, Peeter; Sivakova, V.P.; Tiigimägi, Eeli; Treufeldt, Ülo Методы управления режимами энергетических систем 1978 / с. 23-28

#### **Одноэтапные задачи оптимизации режима энергетической системы в условиях неполной информации : предварительная публикация**

Valdma, Mati 1977 [https://www.estr.ee/record=b1543237\\*est](https://www.estr.ee/record=b1543237*est)

#### **Определение полосы затягивания системы ФАПЧ второго порядка**

Min, Mart; Paavle, Toivo Труды по электротехнике и автоматике : сборник статей. 13 1975 / с. 73-77 : илл  
[https://www.estr.ee/record=b2190710\\*est](https://www.estr.ee/record=b2190710*est) <https://digikogu.taltech.ee/et/item/ffb63ed-06d6-4bbb-9468-118f743cc87f>

#### **Определение характеристик относительных приростов ТЭС на ЦВМ**

Vinkel, J.; Valdma, Mati XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Электротехника и энергетика 1970 / с. 67-68 [https://www.estr.ee/record=b1379483\\*est](https://www.estr.ee/record=b1379483*est)

#### **Оптимизация активных мощностей в гидротепловой энергосистеме**

Valdma, Mati; Keel, Matti; Liik, Olev Тезисы докладов X научной конференции : Моделирование электроэнергетических систем, Каунас, 1991 1991 / с. 22-23

#### **Оптимизация распределения активной нагрузки в электроэнергетической системе в условиях неполной информации : автореферат ... кандидата технических наук (05.14.06)**

Viira, Tarmo 1972 [https://www.estr.ee/record=b1335098\\*est](https://www.estr.ee/record=b1335098*est)

#### **Оптимизация распределения активной нагрузки в энергосистеме по критерию минимаксного ущерба**

Lelumees, Heino; Terno, Olaf Энергетические системы : сборник статей. 4 1971 / с. 25-31 : илл  
[https://www.estr.ee/record=b2190160\\*est](https://www.estr.ee/record=b2190160*est) <https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

#### **Оптимизация распределения активных нагрузок между энергоблоками в энергосистеме**

Valdma, Mati; Sillaots, L.; Tammoja, Heiki; Tiivel, T. XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Химия 1981 / с. 47 [https://www.estr.ee/record=b1322629\\*est](https://www.estr.ee/record=b1322629*est)

#### **Оптимизация режимов энергетических систем по непрерывным параметрам в условиях неполной информации : автореферат ... доктора технических наук**

Valdma, Mati 1987 [https://www.estr.ee/record=b1516759\\*est](https://www.estr.ee/record=b1516759*est)

#### **Оптимизация уставок релейной защиты по времени**

Möller, Kalju Энергетические системы : сборник статей. 2 1965 / с. 89-93 [https://www.estr.ee/record=b2181997\\*est](https://www.estr.ee/record=b2181997*est)  
<https://digikogu.taltech.ee/et/item/eec6a33-a1eb-4988-b989-2f0fd4d9a796>

#### **Основные свойства плановых характеристик элементов электроэнергетических систем**

Valdma, Mati Энергетические системы : сборник статей. 4 1971 / с. 11-16 : илл [https://www.estr.ee/record=b2190160\\*est](https://www.estr.ee/record=b2190160*est)  
<https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

#### **Оценивание параметров математической модели нагрузки энергетической системы**

Meldorf, Mati Вопросы стохастического управления режимами энергетических систем 1984 / с. 65-72  
[https://www.estr.ee/record=b1522851\\*est](https://www.estr.ee/record=b1522851*est) <https://digikogu.taltech.ee/et/item/8b301d9a-aee8-41d5-8fbc-8273e74247fb>

#### **Переходные процессы в системе ФАПЧ с аperiодическим фильтром низких частот**

Min, Mart Труды по электротехнике и автоматике : сборник статей. 14 1976 / с. 41-44 : илл  
[https://www.estr.ee/record=b2190768\\*est](https://www.estr.ee/record=b2190768*est) <https://digikogu.taltech.ee/et/item/aa35e320-87b1-405b-9cac-3b90c51867d1>

**Перспективы применения статического компенсатора реактивной мощности в энергосистеме с высоким напряжением**

**Sepping, Eino; Tellinen, Juhan; Järvik, Jaan** Тезисы докладов Всесоюзной научной конференции "Снижение потерь в электроэнергетических системах" 1984 / с. 41-43

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

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

**Применение метода статистических испытаний к вероятному анализу устойчивости энергетических систем**

**Levinštein, M.; Meldorf, Mati** Доклады на II Всесоюзном научно-техническом совещании по устойчивости и надежности энергосистем СССР 1969 / с. 56-66

**Применение метода статистических испытаний к исследованию устойчивости энергетических систем**

**Meldorf, Mati** Энергетические системы : сборник статей. 3 1969 / с. 31-38 [https://www.esther.ee/record=b2183089\\*est](https://www.esther.ee/record=b2183089*est)  
<https://digikogu.taltech.ee/et/item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

**Принципы многоэтапной оптимизации режимов энергетических систем в условиях неполной информации : предварительная публикация**

**Valdma, Mati** 1979 [https://www.esther.ee/record=b1516757\\*est](https://www.esther.ee/record=b1516757*est)

**Прогнозирование графиков нагрузки узлов энергосистемы**

**Valtin, Juhan; Luberg, H.; Meldorf, Mati; Perkman, I.; Saarend, K.; Tiigimägi, Eeli; Treufeldt, Jüri** Проблемы оптимизации в электроэнергетике : тезисы II республиканской конференции ЭССР : [Таллин 26-27 ноября 1974 года] 1974 / с. 42-43  
[https://www.esther.ee/record=b1346480\\*est](https://www.esther.ee/record=b1346480*est)

**Прогнозирование графиков нагрузки энергетической системы**

**Meldorf, Mati** Проблемы оптимизации в электроэнергетике : тезисы II республиканской конференции ЭССР : [Таллин 26-27 ноября 1974 года] 1974 / с. 40-43 [https://www.esther.ee/record=b1346480\\*est](https://www.esther.ee/record=b1346480*est)

**Прогнозирование графиков нагрузки энергетической системы**

**Meldorf, Mati; Tiigimägi, Eeli** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 70-71 [https://www.esther.ee/record=b1359832\\*est](https://www.esther.ee/record=b1359832*est)

**Прогнозирование графиков нагрузки энергетической системы**

**Meldorf, Mati; Tiigimägi, Eeli** Энергетические системы : сборник статей. 2 1965 / с. 3-13 [https://www.esther.ee/record=b2181997\\*est](https://www.esther.ee/record=b2181997*est)  
<https://digikogu.taltech.ee/et/item/eecc6a33-a1eb-4988-b989-2f0fd4d9a796>

**Прогнозирование нагрузки энергетической системы**

**Valge, J.; Oll, J.; Meldorf, Mati** XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Электротехника и энергетика 1970 / с. 67 [https://www.esther.ee/record=b1379483\\*est](https://www.esther.ee/record=b1379483*est)

**Прогнозирование нагрузок узлов при расчетах стационарных режимов электроэнергетической системы**

**Valtin, Juhan; Treufeldt, Ülo** Вопросы стохастического управления режимами энергетических систем 1984 / с. 81-86

**Прогнозирование нагрузок узлов электроэнергетической системы по экспертным данным**

**Valtin, Juhan; Meldorf, Mati** Методы управления режимами энергетических систем 1978 / с. 17-22

**Программа анализа и прогноза нагрузок узлов электроэнергетической системы**

**Valtin, Juhan; Meldorf, Mati** Энергетические системы. 6 1976 / с. 85-88 [https://www.esther.ee/record=b2190764\\*est](https://www.esther.ee/record=b2190764*est)  
<https://digikogu.taltech.ee/et/item/29c0dace-ec62-42eb-bb12-1eff5fe77294>

**Программа анализа режима энергетической системы в условиях неопределенности**

**Kaju, Andres; Valdma, Mati; Liik, Olev** XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 42 [https://www.esther.ee/record=b1305565\\*est](https://www.esther.ee/record=b1305565*est)

**Программа имитации графиков нагрузки энергетической системы**

**Meldorf, Mati; Surgutšik, R.** Вопросы стохастического управления режимами энергетических систем 1985 / с. 103-107  
[https://www.esther.ee/record=b1302407\\*est](https://www.esther.ee/record=b1302407*est) <https://digikogu.taltech.ee/et/item/030d9115-743d-4f86-9bbd-aae45b9d7521>

**Программа оптимизации краткосрочных режимов энергетических систем по активным мощностям с учетом случайных факторов**

**Valdma, Mati; Keel, Matti; Lelumees, Heino** Совещание по теме "Оптимизация режимов работы энергосистем" : тезисы

докладов на семинаре "Оптимизация режимов работы энергосистем" (Москва, 16-20 окт., 1979 г.). 1979 / с. [47-48]

**Программа оптимизации краткострочных режимов электрэнергетических систем по активным мощностям**  
Butšelovski, S.; Krenev, S.; Lelumees, Heino XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 48-49 [https://www.estr.ee/record=b1322629\\*est](https://www.estr.ee/record=b1322629*est)

**Программа оптимизации режима объединенной энергосистемы**

Valdma, Mati; Grossman, Otto; Terno, Olaf; Tiigimägi, Eeli Энергетические системы : сборник статей. 2 1965 / с. 15-20  
[https://www.estr.ee/record=b2181997\\*est](https://www.estr.ee/record=b2181997*est) <https://digikogu.taltech.ee/et/item/eecc6a33-a1eb-4988-b989-2f0fd4d9a796>

**Программа расчета плановых характеристик энергообъектов в вероятностно-определенных условиях**

Lelumees, Heino Энергетические системы. 6 1976 / с. 45-48 [https://www.estr.ee/record=b2190764\\*est](https://www.estr.ee/record=b2190764*est)  
<https://digikogu.taltech.ee/et/item/29c0dace-ec62-42eb-bb12-1eff5fe77294>

**Программирование задачи экономического распределения для цифровой вычислительной машины**

Valdma, Mati Экономические режимы энергетических систем 1963 / с. 25-39 : илл [https://www.estr.ee/record=b1428018\\*est](https://www.estr.ee/record=b1428018*est)  
<https://www.etera.ee/zoom/121729/view?>

**Программирование энергетических задач : учебное пособие**

Lelumees, Heino 1982 [https://www.estr.ee/record=b1283037\\*est](https://www.estr.ee/record=b1283037*est)

**Распределение резерва в энергосистеме**

Terno, Olaf Экономические режимы энергетических систем 1963 / с. 19-24 : илл [https://www.estr.ee/record=b1428018\\*est](https://www.estr.ee/record=b1428018*est)  
<https://www.etera.ee/zoom/121729/view?>

**Расчет и аппроксимация плановых характеристик элементов энергосистемы в вероятностно-определенных условиях**

Valdma, Mati; Lelumees, Heino Энергетические системы : сборник статей. 5 1974 / с. 19-25 : илл  
[https://www.estr.ee/record=b2190662\\*est](https://www.estr.ee/record=b2190662*est) <https://digikogu.taltech.ee/et/item/11c437c8-2c10-4297-aa20-712c96721051>

**Расчеты нормальных режимов электрических систем на основе содержательного математического моделирования динамики узловых мощностей : автореферат ... кандидата технических наук (05.14.02)**

Sild, Ants 1989 [https://www.estr.ee/record=b1519613\\*est](https://www.estr.ee/record=b1519613*est)

**Регулирование активной и реактивной мощностей межсистемного звена постоянного тока = Réglage des puissances actives et réactives d'un chaînon interréseaux à courant continu**

Buatšidze, Sergei 1957 [https://www.estr.ee/record=b1383682\\*est](https://www.estr.ee/record=b1383682*est) <https://digikogu.taltech.ee/et/item/5d21b0e9-fe5a-4fff-9446-2ec4ed0774ff>

**Резонансный ограничитель тока короткого замыкания на базе насыщающегося реактора с вращающимся магнитным полем**

Orlov, V., Järvik, Jaan Электромеханика. 6 1977 / с. 23-38 : илл [https://www.estr.ee/record=b1302801\\*est](https://www.estr.ee/record=b1302801*est)  
<https://digikogu.taltech.ee/et/item/6ab0904b-cf1e-45cf-ad41-35a18abdb479>

**Решение задач вероятностного оптимального распределения активной нагрузки энергосистемы на аналоговой вычислительной машине (АВМ)**

Lelumees, Heino; Terno, Olaf Энергетические системы : сборник статей. 4 1971 / с. 33-39 : илл  
[https://www.estr.ee/record=b2190160\\*est](https://www.estr.ee/record=b2190160*est) <https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

**Решение одной задачи стохастического распределения нагрузок в энергетической системе на аналоговой вычислительной машине**

Lelumees, Heino Энергетические системы : сборник статей. 3 1969 / с. 15-21 : илл [https://www.estr.ee/record=b2183089\\*est](https://www.estr.ee/record=b2183089*est)  
<https://digikogu.taltech.ee/et/item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

**Роль математического моделирования электрических нагрузок при управлении функционированием и развитием энергетических систем**

Meldorf, Mati II Всесоюзная конференция по проблемам управления развитием систем (курс-II) : Таллин, 26-28 апреля 1982 г. : тезисы докладов конференции 1982 / с. 155-156 [https://www.estr.ee/record=b2681243\\*est](https://www.estr.ee/record=b2681243*est)

**Сложение за режимом электроэнергетической системы**

Meldorf, Mati; Sild, Ants Вопросы стохастического управления режимами энергетических систем 1987 / с. 19-31 : илл  
[https://www.estr.ee/record=b1224602\\*est](https://www.estr.ee/record=b1224602*est) <https://digikogu.taltech.ee/et/item/3e0eab00-e829-412f-8ce6-ba0ab86db07e>

**Состояние исследования экономичных режимов энергетических систем**

Terno, Olaf Экономические режимы энергетических систем 1963 / с. 3-17 [https://www.estr.ee/record=b1428018\\*est](https://www.estr.ee/record=b1428018*est)  
<https://www.etera.ee/zoom/121729/view?>

## **Способ уточнения математической модели нагрузок энергетической системы**

**Meldorf, Mati** Вопросы стохастического управления режимами энергетических систем 1983 / с. 65-72 : илл

[https://www.estr.ee/record=b1286752\\*est](https://www.estr.ee/record=b1286752*est) <https://digikogu.taltech.ee/et/item/b141cd1d-47a3-4711-8322-8d98db01d64a>

## **Статистико-вероятностное исследование динамической устойчивости энергетических систем : автореферат ... кандидата технических наук (275)**

**Meldorf, Mati** 1969 [http://www.estr.ee/record=b1397422\\*est](http://www.estr.ee/record=b1397422*est)

## **Счетно-решающее устройство для распределения активной нагрузки в энергосистеме с гидростанциями**

**Meister, A.; Terno, Olaf** Экономические режимы энергетических систем 1963 / с. 47-55 : илл

[https://www.estr.ee/record=b1428018\\*est](https://www.estr.ee/record=b1428018*est) <https://www.etera.ee/zoom/121729/view?>

## **Текущая обработка статистических данных о нагрузках энергетической системы**

**Meldorf, Mati** Вопросы стохастического управления режимами энергетических систем 1982 / с. 113-121

[https://www.estr.ee/record=b1303314\\*est](https://www.estr.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

## **Текущее корректирование коэффициентов математической модели нагрузки**

**Meldorf, Mati** Методы управления режимами энергетических систем 1980 / с. 83-88 : илл [https://www.estr.ee/record=b1267052\\*est](https://www.estr.ee/record=b1267052*est)  
<https://digikogu.taltech.ee/et/item/6a1bcd3-48bc-4eb7-82a6-0d1748ab0afc>

## **Трехфазный управляемый реактор с продольным подмагничиванием стержней : автореферат ... кандидата технических наук**

**Tellinen, Juhani** 1981 [https://www.estr.ee/record=b1537262\\*est](https://www.estr.ee/record=b1537262*est)

## **Уточнение прогнозов нагрузок электроэнергетической системы и ее узлов**

**Valtin, Juhan; Raesaar, Peeter; Treufeldt, Ülo** Вопросы стохастического управления режимами энергетических систем 1985 / с. 97-101

## **Учет неопределенности информации при оптимизации режимов энергетических систем : автореферат ... кандидата технических наук (05.14.02)**

**Liik, Olev** 1988 [https://www.estr.ee/record=b1525428\\*est](https://www.estr.ee/record=b1525428*est)

## **Учет случайного характера режима при оптимальном планировании распределения активных нагрузок в энергетической системе**

**Valdma, Mati** Известия Академии наук СССР. Энергетика и транспорт 1969 / с. 36-43 : илл

[https://www.estr.ee/record=b1563509\\*est](https://www.estr.ee/record=b1563509*est)

## **Учет точности статистических характеристик при определении вероятности селективного срабатывания релейной защиты**

**Möller, Kalju** Энергетические системы : сборник статей. 2 1965 / с. 77-87 [https://www.estr.ee/record=b2181997\\*est](https://www.estr.ee/record=b2181997*est)  
<https://digikogu.taltech.ee/et/item/eecc6a33-a1eb-4988-b989-2f0fd4d9a796>

## **Факторизованная модель нагрузки энергетической системы**

**Meldorf, Mati** Вопросы стохастического управления режимами энергетических систем 1985 / с. 85-96 : илл

[https://www.estr.ee/record=b1302407\\*est](https://www.estr.ee/record=b1302407*est) <https://digikogu.taltech.ee/et/item/030d9115-743d-4f86-9bbd-aae45b9d7521>

## **Экономические режимы энергетических систем**

1963 [https://www.estr.ee/record=b1428018\\*est](https://www.estr.ee/record=b1428018*est) <https://www.etera.ee/zoom/121729/view?>

## **Электрические аппараты защиты : методическое пособие для студентов изучающих курс "Электрические аппараты"**

1987 [https://www.estr.ee/record=b1261084\\*est](https://www.estr.ee/record=b1261084*est)

## **Энергетические системы**

**Möller, Kalju; Valtin, Juhan; Meldorf, Mati; Treufeldt, Ülo; Raesaar, Peeter; Sivakova, V.P.; Tiigimägi, Eeli; Keel, E.; Valdma, Mati; Keel, Matti; Tammoja, Heiki; Lelumees, Heino; Viilup, Lembit; Übi, Evald; Kirsipuu, Rein; Raesaar, Peeter; Tiigimägi, Eeli; Meldorf, Mati; Treufeldt, Ülo; Valtin, Juhan; Liik, Olev** 1978 [https://www.estr.ee/record=b1314033\\*est](https://www.estr.ee/record=b1314033*est)

## **Энергетические системы**

**Metusala, Tiit; Valdma, Mati; Keel, Matti; Lelumees, Heino; Tammoja, Heiki; Möller, Kalju; Möller, Leili; Viilup, Lembit; Übi, Evald; Kirsipuu, Rein; Raesaar, Peeter; Tiigimägi, Eeli; Meldorf, Mati; Treufeldt, Ülo; Valtin, Juhan; Liik, Olev** 1980  
[https://www.estr.ee/record=b1267052\\*est](https://www.estr.ee/record=b1267052*est)

## **Энергетические системы**

**Metusala, Tiit; Möller, Kalju; Valdma, Mati; Raesaar, Peeter; Tiigimägi, Eeli; Keel, Matti; Lelumees, Heino; Liik, Olev; Tammoja, Heiki; Vanamölder, K.; Viilup, Lembit; Meldorf, Mati; Täht, Toomas; Treufeldt, Ülo; Valtin, Juhan; Mägi, Vahur** 1982  
[https://www.estr.ee/record=b1303314\\*est](https://www.estr.ee/record=b1303314*est)

## **Энергетические системы**

**Metusala, Tiit; Valdma, Mati; Keel, Matti; Liik, Olev; Möller, Kalju; Tammoja, Heiki; Lelumees, Heino; Leisalu, Aarne;**

**Vanamölder, K.; Raesaar, Peeter; Sild, Ants; Tiigimägi, Eeli; Meldorf, Mati; Sivakova, V.P.; Mägi, Hans** 1983

[https://www.esther.ee/record=b1286752\\*est](https://www.esther.ee/record=b1286752*est)

## **Энергетические системы**

**Oidram, Rein; Valdma, Mati; Leisalu, Aarne; Möller, Kalju; Tammoja, Heiki; Liik, Olev; Lelumees, Heino; Vanamölder, K.; Perkman, I.; Raesaar, Peeter; Sild, Ants; Meldorf, Mati; Jokk, Viivi; Lepp, Marge; Poltavtseva, L.N.; Valtin, Juhan; Treufeldt, Ülo** 1984 [https://www.esther.ee/record=b1522851\\*est](https://www.esther.ee/record=b1522851*est)

## **Энергетические системы**

**Tapupere, Olev; Valdma, Mati; Keel, Matti; Liik, Olev; Leisalu, Aarne; Tammoja, Heiki; Möller, Kalju; Sild, Ants; Tiigimägi, Eeli; Meldorf, Mati; Valtin, Juhan; Raesaar, Peeter; Treufeldt, E.; Surgutšik, R.D.** 1985 [https://www.esther.ee/record=b1302407\\*est](https://www.esther.ee/record=b1302407*est)

## **Энергетические системы**

**Tapupere, Olev; Valdma, Mati; Meldorf, Mati; Tiigimägi, Eeli; Täht, Toomas; Sild, Ants; Keel, Matti; Kaju, Andres; Liik, Olev; Gorohh, L.N.; Leisalu, Aarne; Möller, Kalju; Tammoja, Heiki; Raesaar, Peeter** 1987 [https://www.esther.ee/record=b1224602\\*est](https://www.esther.ee/record=b1224602*est)

## **Энергетические системы : сборник статей**

1974 [https://www.esther.ee/record=b2190662\\*est](https://www.esther.ee/record=b2190662*est) <https://digikogu.taltech.ee/et/item/11c437c8-2c10-4297-aa20-712c96721051>

## **Энергетические системы : сборник статей**

1976 [https://www.esther.ee/record=b2190764\\*est](https://www.esther.ee/record=b2190764*est) <https://digikogu.taltech.ee/et/item/29c0dace-ec62-42eb-bb12-1eff5fe77294>

## **Энергетические системы : сборник статей**

1965 [https://www.esther.ee/record=b2181997\\*est](https://www.esther.ee/record=b2181997*est) <https://digikogu.taltech.ee/et/item/eecc6a33-a1eb-4988-b989-2f0fd4d9a796>

## **Энергетические системы : сборник статей**

1969 [https://www.esther.ee/record=b2183089\\*est](https://www.esther.ee/record=b2183089*est) <https://digikogu.taltech.ee/et/item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

## **Энергетические системы : сборник статей**

1971 [https://www.esther.ee/record=b2190160\\*est](https://www.esther.ee/record=b2190160*est) <https://digikogu.taltech.ee/et/item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>