

### 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; Ahmadihangar, 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;** Kalyuzhnyi, 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>

### Active front end converters with voltage balancing capability

**Verbytskyi, Ievgen; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri; Kyselova, Anna** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon) 2024 / 5 p <https://doi.org/10.1109/RTUCon62997.2024.10830902>

### 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.ester.ee/record=b5504019\\*est](https://www.ester.ee/record=b5504019*est)

### Air-core coupled inductor based modular solid-state circuit breaker with reduced components for DC buildings

**Pogulaguntla, Aditya; Dsa, Daniel; Yagna, Griddaluru Venkata; Banavath, Satish Naik; Carvalho da Silva, Edivan Laercio; Chub, Andrii; Vinnikov, Dmitri** IEEE journal of emerging and selected topics in power electronics 2024 / 12 p <https://doi.org/10.1109/JESTPE.2024.3485735>

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

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

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

postimees.ee 2021 ["Alar Konist: rohelepe ei tohiks põlevkivi välistada"](https://postimees.ee/alar-konist-rohelepe-ei-tohiks-polevkivi-valistada)

### 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 sparsely 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; Kilik, Kalle; Valdma, Mati** Oil shale 2009 / 3S, p. 228-242 : ill [https://artiklid.elnet.ee/record=b1483779\\*est](https://artiklid.elnet.ee/record=b1483779*est)

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

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

### 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>

### 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 I <https://doi.org/10.1109/PESGM41954.2020.9281468>

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

**Ahmed, Faisal; Le Moullec, Yannick; Annus, Paul;** Mustufa, 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>

**Andmete energia kui energeetika tulevik**

**Rammus, Kristin** Trialoog 2025 <https://trialoog.taltech.ee/triljon-andmepunkti-kuidas-muuta-andmed-energeetika-tulevikuks/>

**Anwendungsmöglichkeiten der Drehfeldrosselspulen in Elektroenergiesystemen**

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

**Application of ultracapacitors in low-voltage power supply systems of light rail vehicles**

**Hõimoja, Hardi; Vinnikov, Dmitri;** Strzelecki, Ryszard The 2009 World Congress on Electronics and Electrical Engineering : WCEEENG'09 : April 6-9, 2009, Cairo, Egypt 2009 / [5] p

**Assessment of data acquisition system for forecasting temperature and solar irradiation**

**Zahraoui, Younes; Korõtko, Tarmo;** Mekhilef, Saad; Alhamrouni, Ibrahim 2023 International Conference on Engineering Technology and Technopreneurship (ICE2T) 2024 / p. 408-413 <https://doi.org/10.1109/ICE2T58637.2023.10540516>

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

**Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan** Oil shale 2005 / 2S, p. 217-231 : ill [https://artiklid.elnet.ee/record=b2346721\\*est](https://artiklid.elnet.ee/record=b2346721*est)

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

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

**Assessment of power system asset dispatch under different local energy community business models**

**Korõtko, Tarmo; Plaum, Freddy; Häring, Tobias;** Mutule, Anna; Lazdins, Roberts; Boršceviskis, Olegs; **Rosin, Argo;** Carroll, Paula Energies 2023 / art. 3476 <https://doi.org/10.3390/en16083476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 jääma ühendusse ikka Venemaa energiasüsteemiga**

**Raukas, Anto; Valdma, Mati** Eesti Päevaleht 2017 / lk. 12 <https://epl.delfi.ee/artikkel/79946242/balti-riigid-peaksid-jaama-uhendusse-ikka-venemaa-energasusteemiga>

**Bidirectional solid-state DC circuit breaker for the protection of residential 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 CO2 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](#)

**Class topper optimization approach to solve non-convex combined heat and power economic dispatch problems in power systems**

**Gupta, Pradeep Kumar; Tuttelberg, Kaur; Kilter, Jako** 2024 IEEE International Conference on Power and Energy (PECon) 2024 / p. 179-184 <https://doi.org/10.1109/PECon62060.2024.10827527>

### **Combined heat and power plants balancing wind power**

**Kuhi-Thalfeldt, Reeli; Valtin, Juhan** Oil shale 2009 / 3S, p. 294-308 : ill [https://artiklid.elnet.ee/record=b1490006\\*est](https://artiklid.elnet.ee/record=b1490006*est)

### **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

### **Comparative feasibility study of partial power converter for interfacing battery energy storage into power system of future circular collider**

**Chub, Andrii; Niinemägi, Joosep; Colmenero, Manuel; Aguglia, Davide** Proceedings of the Estonian Academy of Sciences 2024 / p. 396-415 <https://doi.org/10.3176/proc.2024.4.08>

### **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; Ahmadiyahangar, Roya; Kütt, Lauri; Rosin, Argo** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818267>

### **Compensation and minimization of higher harmonics in power saturable reactors**

**Tellinen, Juhan** International Conference Quality of Power and Standardization, June 4...7, 1996, Lohusalu, Estonia 1996 / p. 48-57: ill

### **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](#)

### **A competitive framework for the participation of multi-microgrids in the community energy trading market: A case study**

**Zahraoui, Younes; Korõtko, Tarmo; Rosin, Argo; Zidane, Tekai Eddine Khalil; Agabus, Hannes; Mekhilef, Saad** IEEE Access 2024 / p. 68232-68248 <https://doi.org/10.1109/ACCESS.2024.3399168> [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](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, 16-19 August, 1979. Vol 1., Vol 2., Vol. 3 1980 / p. [?] [https://www.ester.ee/record=b1929398\\*est](https://www.ester.ee/record=b1929398*est) [https://www.ester.ee/record=b1929563\\*est](https://www.ester.ee/record=b1929563*est) [https://www.ester.ee/record=b1929565\\*est](https://www.ester.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.ester.ee/record=b5291755\\*est](https://www.ester.ee/record=b5291755*est)

### **Controlled power supply with parametric reactive power compensation and parametric short-circuit current restriction for DC arc furnaces (power supply "ESTA")**

**Janson, Kuno; Järvik, Jaan** International Conference Quality of Power and Standardization, June 4...7, 1996, Lohusalu, Estonia 1996 / p. 30-47: ill

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

Tytelmaier, Kostiantyn; **Husev, Oleksandr**; Veligorskyi, 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

**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, Juhan; Järvi, 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**

**Järvi, Jaan** VII Sympozjum na temat Przepięcia 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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** 2016 <http://digi.lib.ttu.ee/76032> [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

**Determination of optimal operating reserves in power systems**

**Kilk, Kalle; Valdma, Mati** Oil shale 2009 / 3S, p. 220-227 [https://artiklid.elnet.ee/record=b1483759\\*est](https://artiklid.elnet.ee/record=b1483759*est)

**A DFT-based approach for condition monitoring of switch-mode power converters**

**Kütt, Lauri; Tiivel, Tuuli; Parker, Martin; Valgur, Laur; Jarkovoi, Marek; Chub, Andrii** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p <https://doi.org/10.1109/RTUCON62997.2024.10830915>

**Digitaalksiksikud diagnostika rakenduseks**

**Vaimann, Toomas** Elektriala 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>

**Distributed optimal storage strategy in the ADMM-based peer-to-peer energy trading considering degradation cost**

**Han, Binghui; Zahraoui, Younes; Mubin, Marizan; Mekhilef, Saad; Korõtko, Tarmo; Alshammari, O.** Journal of energy storage 2024 / art. 112651 <https://doi.org/10.1016/j.est.2024.112651> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Märtens, Olev; Trappärk, Harri; Liimets, Aivar; Nobel, Peter; Veskimeister, Andres; Järvalt, Aldur** WISP2007 proceedings : 5th IEEE International Symposium on Intelligent Signal Processing : Alcalá 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, Hatem; 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 Puls 1991 / lk. 20-23: ill [https://artiklid.elnet.ee/record=b2502032\\*est](https://artiklid.elnet.ee/record=b2502032*est)

## **Eesti energeetika arengustenaariumid 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** Elektriala 2017 / lk. 12-13 [https://artiklid.elnet.ee/record=b2829412\\*est](https://artiklid.elnet.ee/record=b2829412*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 meetoodika**

**Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan** Eesti energeetika probleeme 1988 / lk. 43-57

## **Eesti varustamisest elektriga**

**Raukas, Anto; Valdma, Mati** Elektriala 2019 / lk. 14-15 : fot [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)  
[https://artiklid.elnet.ee/record=b2870463\\*est](https://artiklid.elnet.ee/record=b2870463*est)

## **Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ja soojust raisata**

**Lepiksaar, Kertu** postimees.ee 2024 [Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ja soojust raisata](#)

## **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.sdewes.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 soojuste omahind Eesti energiasüsteemis**

**Möller, Leili** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 109-128: ill

## **Elektrijaamade struktuur Eesti energiasüsteemis**

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

## **Elektrikvaliteedi juubelikonverents Tallinnas**

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

## **Elektrisüsteemi arvutamise alused reaajasimulatsioonide 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\\_reaajasimulatsioonide\\_raamistikus\\_Harjutused.pdf](https://haldus.taltech.ee/sites/default/files/2023-02/EE_ins_Elektris%C3%BCsteemi_arvutamise_alused_reaajasimulatsioonide_raamistikus_Harjutused.pdf)

## **Elektrituulikute ühendamisest Eesti energiasüsteemi**

**Palu, Ivo** Keskkonnatehnika 2005 / 8, lk. 36-38 : ill [https://artiklid.elnet.ee/record=b2055147\\*est](https://artiklid.elnet.ee/record=b2055147*est)

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

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

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

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

**Niidu, Allan** Sirp 2022 / lk. 6-7 : fot ["Energeetika ja kütuste tulevik ehk Viiekümne viiendaks vormi "](https://artiklid.elnet.ee/record=b2428023*est)

## **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 reaalsed [Võrguväljaanne]**

Jaane, Aivar pealinn.ee 2022 [Energeetikaekspert Alar Konist: Elektrikatkestused Venemaa energiasüsteemist lahtiühendamisel on reaalsed](https://artiklid.elnet.ee/record=b2418204*est)

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

**Veiderma, Mihkel** Postimees 2011 / lk. 13 [https://artiklid.elnet.ee/record=b2418204\\*est](https://artiklid.elnet.ee/record=b2418204*est)

## **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.ester.ee/record=b1240496\\*est](https://www.ester.ee/record=b1240496*est)

## **Energiasüsteem saab NRG-ta arenguvõimaluse : valitsus tunnistas NRG-tehingu ebaõnnestunuks ning asub otsima Narva elektrijaamade renoveerimiseks 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-arenguvoimaluse>

## **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.ester.ee/record=b2449987\\*est](https://www.ester.ee/record=b2449987*est)

## **Energiasüsteemi koormuse matemaatilise mudeli täiustamisest**

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

## **Energiasüsteemi koormuse pikaajaline prognoosimine**

**Mizer, V.; Treufeldt, Ülo** XXXII üliõpilaste teaduslik-tehnilise 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)

## **Energiasüsteemi optimeerimisest isemajandamise tingimustes**

**Valdma, Mati** Eesti energeetika probleeme 1988 / lk. 35-42

## **Energiasüsteemi režiimide optimeerimise programm**

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

## **Energiasüsteemid**

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

## **Energiasüsteemid**

**Tapupere, Olev** 1990

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

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

## **Energiasüsteemide režiimide optimaalsest juhtimisest**

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

## **Energiatehnika : konspekt**

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

## **Energiatehnika ja maailm**

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

## **Energoküberneetika uuringutest Tallinna Polütehnilises Instituudis**

**Möller, Kalju; Tiigimägi, Eeli; Valdma, Mati** Tehnilise mõtte ja tehnikahariduse ajaloo probleeme Eestis : vabariikliku konverentsi (20.-21. detsember 1984) materjalid. II, Teadusuuringud 1985 / lk. 62-70 [https://www.ester.ee/record=b1255676\\*est](https://www.ester.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/SGES51519.2020.00018>

## **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 I <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, Mahdiyyeh; 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](#)

## **Envisioning energy futures through visual images: What would a commons-based energy system look like?**

**Kostakis, Vasileios; Giotitsas, Christos**; Kitsikopoulos, Dimitris Energy research & social science 2024 / art. 103771 <https://doi.org/10.1016/j.erss.2024.103771> [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; Kalyuzhnyi, 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 / p. 95-99 <https://doi.org/10.1109/SGES51519.2020.00024>

## **Executive summary**

Kallaste, Tiit; **Liik, Olev; Ots, Arvo** Economics of greenhouse gas limitations : country study series : Estonia 1999 / p. 11-23

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

**Sukumaran, Sreenath;** Azmi, Azlin Mohd; Ismail, Zubir Ahmad Mohd Energy reports 2023 / p. 711-719

<https://doi.org/10.1016/j.egy.2022.11.065>

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

Shevchenko, Viktor; Pakhaliuk, Bohdan; **Husev, Oleksandr;** Veligorskyi, 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; Pakhaliuk, Bohdan; **Husev, Oleksandr;** Veligorskyi, 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](#)

[Article at WOS](#)

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

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

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

Zolfaghari, Mahdi; **Ahmadihangar, 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>

### **Full SiC threelevel Tltype quasilZ source inverter as gridllforming unit in islanded nanogrid**

Gutiérrez-Escalona, Javier; RonceroClemente, Carlos; **Matiushkin, Oleksandr;** GonzálezRomera, Eva; Pires, V. Fernão; RomeroCadaval, Enrique IET renewable power generation 2025 / art. e70051 <https://doi.org/10.1049/rpg2.70051>

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

Urdal, Helge; Martínez 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 Drosselspulen - Kennlinien, Steuerung und Anwendungsmöglichkeiten**

**Järvik, Jaan;** **Sepping, Eino;** **Tellinen, Juhan** 4. Wissenschaftliche Konferenz von 10.-12. Oktober 1989 der Sektion Elektroenergieanlagen "Computerintegrierte Systeme für die industrielle Elektroenergietechnik" 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.2023.10053284> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **High-frequency current sensor for power network on-line mea[s]urements**

**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)

### **HighVoltage 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](#)

### **Hispaania stsenaarium: miks elektrisüsteemid ootamatult kustuvad**

**Landsberg, Mart** postimees.ee 2025 <https://tehnika.postimees.ee/8239729/eksperdi-ulevaade-hispaania-stsenaarium-miks-elektrisusteemid-ootamatult-kustuvad>

## **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/ISGTEurope.2018.8571712>

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

**Palu, Ivo** 2009 [https://www.ester.ee/record=b2508519\\*est](https://www.ester.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 2020 / p. 888-892 <https://doi.org/10.1109/SGES51519.2020.00163>

## **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.; Mehri-Sani, Ali IET renewable power generation 2023 / p. 725-749 <https://doi.org/10.1049/rpg2.12630> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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) <https://doi.org/10.3176/oil.2013.2S.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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

## **Kes võidab ja kes maksab kinni ülemineku taastuvenergiaks? Kuidas leida tasakaal energiasüsteemi toimimise ning tarbija ja tootja huvide vahel?**

**Männasoo, Kadri; Kisel, Einari** 2025 <https://doi.org/10.48726/rk818-6j360>

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

#### **Kinetic energy storage systems**

**Hõimoja, 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 taastuenergiat 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 taastuenergiat õnnestub salvestada, siis energiakriise ei saagi tekkida](https://www.ester.ee/record=b2508634*est)"

**Kõrgendatud elektromagnetilise sobitavusega (ühitatavusega) reaktiivvõimsuse kompensatsiooni ja pingereguleerimisseadeldised**

**Järvik, Jaan** Kõrgema tehnilise hariduse ja tehnilise mõtte areng Eestis 1988 / lk. 16-41

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

**Agabus, Hannes** 2009 [http://www.ester.ee/record=b2508634\\*est](http://www.ester.ee/record=b2508634*est)

**Let's make it clear: Estonia leaving the Russian synchronization area**

Piir, Rait news.err.ee 2025 [Let's make it clear: Estonia leaving the Russian synchronization area](https://www.ester.ee/record=b2508634*est)

**Leveraging digital twins and demand side recommender Chatbot for optimizing smart grid energy efficiency**

**Onile, Abiodun Emmanuel; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash** 2023 IEEE PES Innovative Smart Grid Technologies - Asia, ISGT Asia 2023 2023 / 5 p <https://doi.org/10.1109/ISGTAsia54891.2023.10372761>

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

**Landsberg, Mart** 2008 [https://www.ester.ee/record=b2449421\\*est](https://www.ester.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.ester.ee/record=b5375097\\*est](https://www.ester.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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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.ester.ee/record=b5528446\\*est](https://www.ester.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 <https://ieeexplore.ieee.org/document/1304670>

**Methodology for the improvement of large district heating networks**

**Volkova, Anna; Mašatin, Vladislav; Hlebnikov, Aleksandr; Siirde, Andres** Proceedings of ECOS 2012 : the 25th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems : June 26-29, 2012, Perugia, Italy 2012 / p. 46-1 - 46-13 : ill <https://dom.lndb.lv/data/obj/file/30070253.pdf>

**Methodology for the improvement of large district heating networks**

**Volkova, Anna; Mašatin, Vladislav; Hlebnikov, Aleksandr; Siirde, Andres** Scientific journal of Riga Technical University. Environmental and climate technologies 2013 / p. 39-45 <https://dom.lndb.lv/data/obj/file/30070253.pdf>

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

**Lõper, 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,

**Mikrovõrk võimaldab energiakasutust tõhusamalt juhtida**

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

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

digi.geenius.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; Koduvare, 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**

Andrijanovič, 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**

Andrijanovič, 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 friendly converters for steeply and deeply varying load (power supply ESTA)**

Janson, Kuno; Järvik, Jaan EPQU'97 : 4th International Conference Electrical Power Quality and Utilisation, September 23-25, 1997, Cracow, Poland : proceedings 1997 / p. 443-448: ill

**Network friendly converters with self-adjustment to load**

Janson, Kuno; Järvik, Jaan Elektronika'97 : konferencijos pranešimu medžiaga = Electronics'97 : materials of conference report. 1 knyga 1997 / p. 100-107: ill

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

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

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

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

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

Blinov, Andrei; Andrijanovič, 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; Andrijanovič, 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; Andrijanovič, 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; Shahnai, 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/SGES51519.2020.00143>

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

Vinnikov, Dmitri; Andrijanovič, 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] [https://www.researchgate.net/publication/316913371\\_New\\_integrated\\_converter\\_for\\_hydrogen\\_buffer\\_interfacing\\_in\\_distributed\\_energy\\_system](https://www.researchgate.net/publication/316913371_New_integrated_converter_for_hydrogen_buffer_interfacing_in_distributed_energy_system)

### **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 <https://doi.org/10.1109/TII.2012.2224353> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

### **New trends in the development of power supplies for arc furnaces**

**Janson, Kuno; Järvik, Jaan; Vinnal, Toomas** PEDC'99 : International Workshop on Power Electronics Equipment for Power Quality Improvement : Slubice, 1999 1999 / p. 26-37

### **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.ester.ee/record=b5183874\\*est](https://www.ester.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**

**Andrijanovitš, 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 efficiency of optimization in power systems**

**Keel, Matti; Medvedeva-Tšernobrivaja, Viktoria; Šuvalova, Jelena; Tammoja, Heiki; Valdma, Mati** Oil shale 2011 / 1S, p. 253-261 : ill [https://artiklid.elnet.ee/record=b2286681\\*est](https://artiklid.elnet.ee/record=b2286681*est)

### **On technical management of large power transmission networks**

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

### **Onninen Energiapäev 2025 - pilguheit energiatulevikku**

Elektriala 2025 / lk. 8-9 : fot [https://www.ester.ee/record=b1240496\\*est](https://www.ester.ee/record=b1240496*est)

### **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.ester.ee/record=b1967729\\*est](https://www.ester.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/rtuct-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.; Ahmadihangar, Roya; Rosin, Argo** Electric power systems research 2023 / art. 108902 <https://doi.org/10.1016/j.epsr.2022.108902> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

### **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) <https://doi.org/10.3176/oil.2013.2S.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Otseülekanne: Arenguseire Keskus esitleb raportit „Aktiivsed tarbijad tuleviku energiasüsteemis”**

rohe.geenius.ee 2024 [FinEst Targa linna tippkeskus Raport: elektritarbimise juhtimine lubaks jätta uue elektrijaama ehitamata](#)

### **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-energiasusteeim/>

### **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](#)

### **Planning of new generating capacity for Estonia using MARKAL model**

**Liik, Olev** Stockholm Power Tech, June 18-22 1995 : International Symposium on Electric Power Engineering. Power systems 1995 / p. 18-23

### **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 legal forms for energy communities (EC)**

**Metsik, Merilin; Eynizada, Narmin; Korõtko, Tarmo** 2025 13th International Conference on Smart Grid (icSmartGrid) 2025 / p. 230-237 <https://doi.org/10.1109/icSmartGrid66138.2025.11071819>

### **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 and frequency control principles of different European synchronous areas**

**Pulkkinen, Svetlana; Attikas, Raivo** 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. 200-204

### **Power optimized PV microinstallation in the field condition tests**

**Sibinski, Maciej**; Rogowski, Szymon 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 5 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604366>

### **Power quality and earth faults in medium voltage distribution networks - state of the art in Estonia**

**Järvik, Jaan** Electric Power Quality and Supply Reliability : June 9-12, 1999, Sagadi, Estonia : conference proceedings 1999 / p. 7-10: ill

### **Power quality improvement technique for diode-bridge rectifiers using optimum re-rectification of the ripple power**

**Sakkos, Tiit; Sarv, Vello** Electric Power Quality and Supply Reliability : June 9-12, 1999, Sagadi, Estonia : conference proceedings 1999 / p. 102-107: ill

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

**Plaum, Freddy; Häring, Tobias; Ahmadiyahangar, 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 Przepięcia 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 <https://ieeexplore.ieee.org/xpl/conhome/7600990/proceeding> [https://www.ester.ee/record=b5375325\\*est](https://www.ester.ee/record=b5375325*est)

**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](#)

**Programmikompleks energiasüsteemi režiimi parameetrite uurimiseks**

**Keel, Matti** Eesti energeetika probleeme 1988 / lk. 71-75

**Programmisüsteem ESTOPT**

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

**Puust ja punaseks: mida Venemaa sagedusalast lahkumine tähendab?**

Piir, Rait novaator.err.ee 2025 [Puust ja punaseks: mida Venemaa sagedusalast lahkumine tähendab?](#)

**Päikeseelektri tulva aitaks leevendada kohalik salvestusvõimsus**

Alvela, Ain novaator.err.ee 2023 [Päikeseelektri tulva aitaks leevendada kohalik salvestusvõimsus](#) <https://digikogu.taltech.ee/et/item/2c178a6b-f918-4932-bd1b-48febf7fc7aa>

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

Barrero-Gonzalez, Fermin; Roncero-Clemente, Carlos; Milanes-Montero, Maria 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.ester.ee/record=b4771190\\*est](http://www.ester.ee/record=b4771190*est)

**Rahvusvaheline seminar TTÜ elektroenergeetika instituudis : [seminarist Energiasüsteemid - töökindlus ja juhtimine]**

**Treufeldt, Ülo** Elektriala 2002 / 5, lk. 28

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

Kattel, Rainer postimees.ee 2021 ["Ragnar Nurkse innovatsiooni ja valitsemise instituut"](https://www.postimees.ee/raunurkse-innovatsiooni-ja-valitsemise-instituut)

**Reinforcement learning for optimal renewable energy sources scheduling**

Nejad, Hamid Mohammad; **Asefi, Sajjad; Kilter, Jako** IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863772>

**Reinforcement learning model-based and model-free paradigms for optimal control problems in power systems: comprehensive review and future directions**

Ginzburg-Ganz, Elinor; Segev, Itay; Balabanov, Alexander; Segev, Elior; Kaully Naveh, Sivan; Machlev, Ram; **Belikov, Juri**; Katzir, Liran; Keren, Sarah; Levron, Yoash Energies 2024 / art. 5307, 54 p. : ill <https://doi.org/10.3390/en17215307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Reinforcement Learning-based Energy Management Strategy for Flexible Hybrid ac/dc Microgrid**

Gutiérrez-Escalona, Javier; Roncero-Clemente, Carlos; **Husev, Oleksandr; Matiushkin, Oleksandr**; Barrero-González, Fermín; González-Romera, Eva IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society 2025 / 6 p <https://doi.org/10.1109/IECON55916.2024.10905501> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

**Shabbir, Noman; Ahmadihangar, 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, Noman** 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.ester.ee/record=b5457278\\*est](https://www.ester.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 I <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 realtime simulation and analysis methods of microgrids**

**Ahmadihangar, Roya; Rosin, Argo**; Nabavi Niaki, Ali; **Palu, Ivo; Korõtko, 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/ijeeps-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.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**7 soovitust mõistliku elektrisüsteemi ülesehitamiseks**

Lehtla, Tõnu postimees.ee 2024 [7 soovitust mõistliku elektrisüsteemi ülesehitamiseks](https://www.postimees.ee/7-soovitust-moistliku-elektrisusteemi-ulesehitamiseks)

**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 tsirkulatsioonpumbajamade energiahaldussüsteemide simuleerimine ja eksperimentaalne uurimine**

Gevorkov, Levon 2017 <https://digi.lib.ttu.ee/i/77669> [https://www.ester.ee/record=b4674192\\*est](https://www.ester.ee/record=b4674192*est)

**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, Latvija : [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**; Pakhaliuk, 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.ester.ee/record=b2290665\\*est](http://www.ester.ee/record=b2290665*est)

### **Sissejuhatus energiatehnikasse : ettekanne õpiku "Sissejuhatus energiatehnikasse" esitlusele 28. septembril 2007**

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

### **6.5 kV IGBT switch realization possibilities and their feasibility study for high-power applications**

**Vinnikov, Dmitri**; **Laugis, Juhan**; Strzelecki, Ryszard; **Egorov, Mikhail** The 4th International Scientific Conference of The Military Technical College [Korby El-Kobbah, Cairo, Egypt] : 27-29 May 2008. Proceedings of the 6th ICEENG Conference : 27-29 May, 2008 2008 / p. EE051 [CD-ROM] [https://iceeng.journals.ekb.eg/article\\_34406.html](https://iceeng.journals.ekb.eg/article_34406.html)

### **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

### **Some scenarios of CO2 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.ester.ee/record=b2449987\\*est](https://www.ester.ee/record=b2449987*est)

### **Stand of standardization of power quality in Estonia**

**Järvik, Jaan** International Conference Quality of Power and Standardization, June 4...7, 1996, Lohusalu, Estonia 1996 / p. 14-15

### **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: energiaeinformaatika tahab viia Eesti majanduse uuele tõusule**

postimees.ee 2023 [Steroidid äri jaoks: energiaeinformaatika tahab viia Eesti majanduse uuele tõusule](https://postimees.ee/2023/09/12/steroidid-ari-jaoks-energieinformaatika-tahab-viia-est-i-majanduse-ueele-to-usule)

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

**Zahraoui, Younes**; Korötko, Tarmo; **Rosin, Argo**; **Ahmadihangar, 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>

### **Study of the effects of single phase ground faults to the voltage transformers in the 10 kV medium voltage power networks**

**Janson, Kuno**; **Järvik, Jaan**; **Külm, Evald**; **Kütt, Lauri**; **Šklovski, Jevgeni** 48. Internationales Wissenschaftliches Kolloquium, 22.-25.09.2003, Technische Universität Ilmenau, Germany 2003 / p. 583-584 : ill

### **Study of the effects of single phase ground faults to the voltage transformers in the 10 kV medium voltage power networks [Electronic resource]**

**Janson, Kuno**; **Järvik, Jaan**; **Külm, Evald**; **Kütt, Lauri**; **Šklovski, Jevgeni** 48. Internationales Wissenschaftliches Kolloquium, 22.-25.09.2003, Technische Universität Ilmenau, Germany : proceedings and our portrait 2003 / [10] p. : ill. [CD-ROM]

### **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, Vinicius 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](#)

#### **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 "](#)

#### **Tarbimise juhtimine : suurtarbijate koormusgraafikute salvestamine ning analüüs juhtimise rakendamise võimaluste tuvastamiseks**

**Rosin, Argo; Drovtar, Imre; Link, Siim; Hõimoja, Hardi; Mölder, Heigo; Möller, Taavi** 2014

[https://www.ester.ee/record=b4432844\\*est](https://www.ester.ee/record=b4432844*est)

#### **Teadlased selgitavad, mida Venemaa elektrisüsteemist lahtiühendamine kaasa toob**

postimees.ee 2025 [Teadlased selgitavad, mida Venemaa elektrisüsteemist lahtiühendamine kaasa toob](#)

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

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

#### **Techno-economic analysis of hydrogen buffers for distributed energy systems [Electronic resource]**

**Andrijanovitš, Anna; Beldjajev, Viktor** SPEEDAM 2012 : Sorrento (Italy) - June 20-22, 2012 : 21st edition of the International Symposium on Power Electronics, Electrical drives, Automation and Motion 2012 / p. 1401-1406 : ill [CD-ROM]

<https://ieeexplore.ieee.org/document/6264583>

#### **Tehnikaülikool uurib NRG tehingu kasulikkust : [TTÜ rektori Andres Keevalliku palvel valmib TTÜ teadlaste, soojusenergeetika tippspetsialistide aramus 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/artikkel/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 energeetikast? [Võrguväljaanne]**

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

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

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

#### **The invisible front : a cyber resilience perspective**

**Bahsi, Hayretldin** The geopolitics of power grids : political and security aspects of Baltic electricity synchronization : March 2018

2018 / p. 53-68 : ill [https://www.ester.ee/record=b5053315\\*est](https://www.ester.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; Koduver, 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.ester.ee/record=b2549933\\*est](https://www.ester.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 / p. 71-75 : ill

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

**Andrijanovič, 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**

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

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

**Raidam, R.;** Juss, T. XXXII üliõpilaste teaduslik-tehnilise 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

**What's worse, communism or carbon? Using the Transitions Delphi approach to identify viable interventions for the Estonian energy transition**

**Pahker, Anna-Kati; Keller, Margit; Karo, Erkki;** Vihalemm, Triin; Solvak, Mihkel; Orru, Kati; Tammiksaar, Erki; Ukrainski, Kadri; Noorkõiv, Martin Energy research & social science 2014 / art. 103421, 14 p. : ill <https://doi.org/10.1016/j.erss.2024.103421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Viiskümmend aastat Eesti energiasüsteemi**

1991 [https://www.ester.ee/record=b1191688\\*est](https://www.ester.ee/record=b1191688*est)

**Väljakutsed energeetikas : [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)

**Õppeprogrammide süsteem energiasüsteemi režiimide arvutamiseks**

**Meldorf, Mati; Raesaar, Peeter; Sild, Ants; Tiigimägi, Eeli** Arvutite ja tehniliste vahendite kasutamine õppetöös : TPI 50. 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 põlevkivielektrilt tuule- ja päikeseelektrile - kuidas ja millal?**

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

**Агрегирование нагрузок и граничных переменных подсистем электроэнергетической системы**

**Kirsipuu, Rein; Raesaar, Peeter; Tiigimägi, Eeli** Методы управления режимами энергетических систем 1980 / с. 73-81 [https://www.ester.ee/record=b1267052\\*est](https://www.ester.ee/record=b1267052*est) <https://digikogu.taltech.ee/et/Item/6a1bcd3-48bc-4eb7-82a6-0d1748ab0afc>

**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)

### **Адаптивная методика оптимизации краткосрочных режимов энергообъединений по активным мощностям в условиях неполной информации**

**Valdma, Mati** Методы управления режимами энергетических систем 1980 / с. 3-11 : илл [https://www.ester.ee/record=b1267052\\*est](https://www.ester.ee/record=b1267052*est)  
<https://digikogu.taltech.ee/et/Item/6a1bccd3-48bc-4eb7-82a6-0d1748ab0afc>

### **Алгоритм нелинейной аппроксимации характеристик энергообъектов**

**Übi, Evald; Valdma, Mati, juhendaja** Методы управления режимами энергетических систем 1980 / с. 67-72  
[https://www.ester.ee/record=b1267052\\*est](https://www.ester.ee/record=b1267052*est) <https://digikogu.taltech.ee/et/Item/6a1bccd3-48bc-4eb7-82a6-0d1748ab0afc>

### **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 корригирования 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**

**Raesar, 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]**

baltnews.ee 2022 ["Без России никуда. Что может спасти энергетику Эстонии"](#)

### **Введение в энерготехнику**

**Risthein, Endel** 2008 [https://www.ester.ee/record=b2412915\\*est](https://www.ester.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.ester.ee/record=b1522851\\*est](https://www.ester.ee/record=b1522851*est) <https://digikogu.taltech.ee/et/Item/8b301d9a-aea8-41d5-8fbc-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

### **Вероятностное 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.ester.ee/record=b1563509\\*es](https://www.ester.ee/record=b1563509*es)

### **Вероятностное моделирование нагрузок узлов энергосистемы**

**Meldorf, Mati; Raesar, Peeter; Seier, Gustav; Tiigimägi, Eeli** Проблемы оптимизации в электроэнергетике : республиканская конференция Эстонской ССР (19-20 июня 1969 г.) 1969 / с. 25-26 [https://www.ester.ee/record=b1344826\\*est](https://www.ester.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.ester.ee/record=b2190160\\*est](https://www.ester.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.ester.ee/record=b1286752\\*est](https://www.ester.ee/record=b1286752*est) <https://digikogu.taltech.ee/et/Item/b141cd1d-47a3-4711-8322-8d98db01d64a>

**Вопросы прогнозирования нагрузок узлов электроэнергетической системы**

Valtin, Juhan; Meldorf, Mati; Tiigimägi, Eeli; Treufeldt, Ülo Энергетические системы. 6 1976 / с. 81-84

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

**Вопросы стохастического управления режимами энергетических систем**

1982 [https://www.ester.ee/record=b1303314\\*est](https://www.ester.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/Item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

**Вопросы стохастического управления режимами энергетических систем**

1983 [https://www.ester.ee/record=b1286752\\*est](https://www.ester.ee/record=b1286752*est) <https://digikogu.taltech.ee/et/Item/b141cd1d-47a3-4711-8322-8d98db01d64a>

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

Tellinen, Juhan; Järvik, Jaan Электротехника 1991 / 2, с. 35-37: ил

**Дискретизация математических моделей оптимизации режимов энергетических систем по времени**

Valdma, Mati; Keel, Matti Вопросы стохастического управления режимами энергетических систем 1985 / с. 17-25

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

Krumm, Lembit 1977 [http://www.ester.ee/record=b3054876\\*est](http://www.ester.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.ester.ee/record=b2182194\\*est](https://www.ester.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.ester.ee/record=b1303314\\*est](https://www.ester.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.ester.ee/record=b1322629\\*est](https://www.ester.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.ester.ee/record=b1307180\\*est](https://www.ester.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.ester.ee/record=b1319482\\*est](https://www.ester.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

**Исходные положения оптимизации режимов энергетических систем в условиях неполной информации**

Valdma, Mati Вопросы стохастического управления режимами энергетических систем 1983 / с. 3-18 : ил

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

**К вопросу вероятностного моделирования мощностей узлов энергосистемы**

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

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

**К вопросу о регулировании частоты в объединенных энергосистемах**

Terno, Olaf 1957 [https://www.ester.ee/record=b1384748\\*est](https://www.ester.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.ester.ee/record=b2190764\\*est](https://www.ester.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, Mihhail 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.ester.ee/record=b2718661\\*est](https://www.ester.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 : илл [https://www.ester.ee/record=b1976951\\*est](https://www.ester.ee/record=b1976951*est)

#### **Комплексная методика и программа оптимизации режимов конденсационных электрических станций ОПТЭС-2**

**Valdma, Mati; Keel, Matti; Liik, Olev; Möller, Kalju; Tammoja, Heiki** Вопросы стохастического управления режимами энергетических систем 1983 / с. 19-30 [https://www.ester.ee/record=b1286752\\*est](https://www.ester.ee/record=b1286752*est) <https://digikogu.taltech.ee/et/Item/b141cd1d-47a3-4711-8322-8d98db01d64a>

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

**Keel, E.; Raesaar, Peeter; Tiigimägi, Eeli** Методы управления режимами энергетических систем 1978 / с. 29-36 : илл [https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est) <https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

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

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

#### **Кусочно-линейная аппроксимация графиков нагрузок потребителей**

**Keel, Matti** Вопросы стохастического управления режимами энергетических систем 1983 / с. 83-88 : илл [https://www.ester.ee/record=b1286752\\*est](https://www.ester.ee/record=b1286752*est) <https://digikogu.taltech.ee/et/Item/b141cd1d-47a3-4711-8322-8d98db01d64a>

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

**Eelme, T.; Lelumee, 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.ester.ee/record=b1305565\\*est](https://www.ester.ee/record=b1305565*est)

#### **Математическая модель нагрузки энергетической системы**

**Meldorf, Mati** Энергетические системы. 6 1976 / с. 57-65 : илл [https://www.ester.ee/record=b2190764\\*est](https://www.ester.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.ester.ee/record=b1305565\\*est](https://www.ester.ee/record=b1305565*est)

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

**Valtin, Juhan** 1979 [https://www.ester.ee/record=b1519290\\*est](https://www.ester.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.ester.ee/record=b1322629\\*est](https://www.ester.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.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

**Методика и программа статистического анализа режимов энергетических систем**

**Valdma, Mati; Keel, Matti; Lelumees, Heino; Liik, Olev; Möller, Kalju; Tammoja, Heiki** Вопросы стохастического управления режимами энергетических систем 1982 / с. 63-77 : илл [https://www.ester.ee/record=b1303314\\*est](https://www.ester.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/Item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

**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.ester.ee/record=b1344826\\*est](https://www.ester.ee/record=b1344826*est)

**Методика статистического анализа процессов в энергетических системах**

**Valdma, Mati; Keel, Matti; Möller, Kalju; Tammoja, Heiki** Методы управления режимами энергетических систем 1978 / с. 53-62 [https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est) <https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

**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.ester.ee/record=b1224602\\*est](https://www.ester.ee/record=b1224602*est) <https://digikogu.taltech.ee/et/Item/3e0eab00-e829-412f-8ce6-ba0ab86db07e>

**Методы управления режимами энергетических систем**

1978 [https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est) <https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

**Методы управления режимами энергетических систем**

1980 [https://www.ester.ee/record=b1267052\\*est](https://www.ester.ee/record=b1267052*est) <https://digikogu.taltech.ee/et/Item/6a1bcdd3-48bc-4eb7-82a6-0d1748ab0afc>

**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.ester.ee/record=b2190710\\*est](https://www.ester.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.ester.ee/record=b1976951\\*est](https://www.ester.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 : илл [https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est) <https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

**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 : илл [https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est) <https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

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

**Treufeldt, Ülo** Методы управления режимами энергетических систем 1980 / с. 89-95 : илл [https://www.ester.ee/record=b1267052\\*est](https://www.ester.ee/record=b1267052*est) <https://digikogu.taltech.ee/et/Item/6a1bcdd3-48bc-4eb7-82a6-0d1748ab0afc>

**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.ester.ee/record=b1322629\\*est](https://www.ester.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.ester.ee/record=b2181997\\*est](https://www.ester.ee/record=b2181997*est) <https://digikogu.taltech.ee/et/Item/eec6a33-a1eb-4988-b989-2f0fd4d9a796>

**Некоторые детерминированные и вероятностные математические модели для оптимизации краткосрочных режимов энергетических систем по активным мощностям**

**Valdma, Mati** Вопросы стохастического управления режимами энергетических систем 1982 / с. 27-49 [https://www.ester.ee/record=b1303314\\*est](https://www.ester.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/Item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

**Некоторые результаты статистического анализа режимов тепловых электростанций Эстонской энергосистемы**

Vanamölder, K. Вопросы стохастического управления режимами энергетических систем 1982 / с. 85-93 : илл [https://www.ester.ee/record=b1303314\\*est](https://www.ester.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/Item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

**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**

**Raesaar, Peeter** Проблемы оптимизации в электроэнергетике : республиканская конференция Эстонской ССР (19-20 июня 1969 г.) 1969 / с. 26-28 [https://www.ester.ee/record=b1344826\\*est](https://www.ester.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.ester.ee/record=b2190764\\*est](https://www.ester.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.ester.ee/record=b2190764\\*est](https://www.ester.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, Juhan; Treufeldt, Ülo** Снижение потерь в электроэнергетических системах : тезисы докладов всесоюзной научной конференции (30 сент.-3 окт. 1981 г.) 1981 / с. 239-240 [https://www.ester.ee/record=b2654560\\*est](https://www.ester.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.ester.ee/record=b2190160\\*est](https://www.ester.ee/record=b2190160*est) <https://digikogu.taltech.ee/et/Item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

**О многоуровневой иерархической оптимизации режимов энергетических систем при неполной информации**

**Valdma, Mati** Вопросы стохастического управления режимами энергетических систем 1985 / с. 3-16

**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.ester.ee/record=b2190662\\*est](https://www.ester.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.ester.ee/record=b1344826\\*est](https://www.ester.ee/record=b1344826*est)

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

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

**О результатах анализа методов минимаксной оптимизации режимов энергетических систем**

**Liik, Olev** Вопросы стохастического управления режимами энергетических систем 1985 / с. 27-32

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

**О результатах статистического анализа потоков активных мощностей в энергообъединениях**

**Keel, Matti** Методы управления режимами энергетических систем 1980 / с. 27-34 : илл [https://www.ester.ee/record=b1267052\\*est](https://www.ester.ee/record=b1267052*est) <https://digikogu.taltech.ee/et/Item/6a1bcdd3-48bc-4eb7-82a6-0d1748ab0afc>

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

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

**О создании буфербанков данных для программ управления режимами энергетических систем**

**Keel, Matti** Вопросы стохастического управления режимами энергетических систем 1982 / с. 79-83 : илл [https://www.ester.ee/record=b1303314\\*est](https://www.ester.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/Item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

**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. Т. 1 1980 / р. 191-198

**О стохастическом оптимальном управлении режимами энергетических систем**

**Valdma, Mati** Вопросы стохастического управления режимами энергетических систем 1987 / с. 3-9

**О чувствительности плановых характеристик энергообъектов**

**Valdma, Mati; Lelumees, Heino** Методы управления режимами энергетических систем 1978 / с. 63-72 : илл

[https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est) <https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

**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 оптимизируемости режимов энергетических систем методом планирования экспериментов**

**Vanamölder, K.** Вопросы стохастического управления режимами энергетических систем 1983 / с. 51-56 : илл

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

**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.ester.ee/record=b1231513\\*est](https://www.ester.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.ester.ee/record=b1563509\\*est](https://www.ester.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.ester.ee/record=b2190160\\*est](https://www.ester.ee/record=b2190160*est)

<https://digikogu.taltech.ee/et/Item/11b4e565-83af-4f6a-bb6c-5b365ff0252d>

**Об оптимизации режима энергетической системы в условиях неполной информации**

**Valdma, Mati** Методы управления режимами энергетических систем 1978 / с. 37-51 [https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est)

<https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

**Об упрощении формул расчета относительных приростов потерь**

**Raesaar, Peeter** Энергетические системы : сборник статей. 3 1969 / с. 85-92 : илл [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/>

**Об усовершенствовании методики статистического анализа режимов энергетических систем**

**Keel, Matti** Вопросы стохастического управления режимами энергетических систем 1987 / с. 32-37

**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.ester.ee/record=b2654560\\*est](https://www.ester.ee/record=b2654560*est)

[https://www.ester.ee/record=b2654560\\*est](https://www.ester.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.ester.ee/record=b2190160\\*est](https://www.ester.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.ester.ee/record=b1563800\\*est](https://www.ester.ee/record=b1563800*est)

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

**Raesaar, Peeter; Sivakova, V.P.; Tiigimägi, Eeli; Treufeldt, Ülo** Методы управления режимами энергетических систем 1978 / с. 23-28 [https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est) <https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

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

**Valdma, Mati** 1977 [https://www.ester.ee/record=b1543237\\*est](https://www.ester.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.ester.ee/record=b2190710\\*est](https://www.ester.ee/record=b2190710*est) <https://digikogu.taltech.ee/et/Item/ffbd63ed-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.ester.ee/record=b1379483\\*est](https://www.ester.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 мгновенного режима энергетической системы с учетом неопределенности характеристик относительных приростов электростанций**

**Kaju, Andres; Liik, Olev** Вопросы стохастического управления режимами энергетических систем 1987 / с. 38-47

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

**Viira, Tarmo** 1972 [https://www.ester.ee/record=b1335098\\*est](https://www.ester.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.ester.ee/record=b2190160\\*est](https://www.ester.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. Механика. Химия 1981 / с. 47 [https://www.ester.ee/record=b1322629\\*est](https://www.ester.ee/record=b1322629*est)

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

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

**Оптимизация уставок релейной защиты по времени**

**Möller, Kalju** Энергетические системы : сборник статей. 2 1965 / с. 89-93 [https://www.ester.ee/record=b2181997\\*est](https://www.ester.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.ester.ee/record=b2190160\\*est](https://www.ester.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.ester.ee/record=b1522851\\*est](https://www.ester.ee/record=b1522851*est) <https://digikogu.taltech.ee/et/Item/8b301d9a-ae8-41d5-8fbc-8273e74247fb>

**Переходные процессы в системе ФАПЧ с апериодическим фильтром низких частот**

**Min, Mart** Труды по электротехнике и автоматике : сборник статей. 14 1976 / с. 41-44 : илл

[https://www.ester.ee/record=b2190768\\*est](https://www.ester.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

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

**Meldorf, Mati** Энергетические системы : сборник статей. 3 1969 / с. 31-38 [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/>

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

**Valdma, Mati** 1979 [https://www.ester.ee/record=b1516757\\*est](https://www.ester.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.ester.ee/record=b1346480\\*est](https://www.ester.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.ester.ee/record=b1346480\\*est](https://www.ester.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.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

**Прогнозирование графиков нагрузки энергетической системы**

**Meldorf, Mati; Tiigimägi, Eeli** Энергетические системы : сборник статей. 2 1965 / с. 3-13 [https://www.ester.ee/record=b2181997\\*est](https://www.ester.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.ester.ee/record=b1379483\\*est](https://www.ester.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**

**Valtin, Juhan; Meldorf, Mati; Treufeldt, Ülo** Тезисы докладов на семинаре "Оптимизация режимов работы энергосистем" (Москва, 16-20 окт. [1979 г.] ) 1979 / с. 94-96

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

**Valtin, Juhan; Meldorf, Mati** Методы управления режимами энергетических систем 1978 / с. 17-22 : илл  
[https://www.ester.ee/record=b1314033\\*est](https://www.ester.ee/record=b1314033*est) <https://digikogu.taltech.ee/et/Item/617d7e69-c7bc-4d10-badc-83e514639a3c>

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

**Valtin, Juhan; Meldorf, Mati** Энергетические системы. 6 1976 / с. 85-88 [https://www.ester.ee/record=b2190764\\*est](https://www.ester.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.ester.ee/record=b1305565\\*est](https://www.ester.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.ester.ee/record=b1302407\\*est](https://www.ester.ee/record=b1302407*est) <https://digikogu.taltech.ee/et/Item/030d9115-743d-4f86-9bbd-aae45b9d7521>

**Программа оптимизации краткосрочных режимов электроэнергетических систем по активным мощностям (ОПЭЭС-1)**

**Lelumees, Heino** Методы управления режимами энергетических систем 1980 / с. 35-41 : илл  
[https://www.ester.ee/record=b1267052\\*est](https://www.ester.ee/record=b1267052*est) <https://digikogu.taltech.ee/et/Item/6a1bcdd3-48bc-4eb7-82a6-0d1748ab0afc>

**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 краткосрочных режимов электроэнергетических 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.ester.ee/record=b1322629\\*est](https://www.ester.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.ester.ee/record=b2181997\\*est](https://www.ester.ee/record=b2181997*est) <https://digikogu.taltech.ee/et/Item/eccc6a33-a1eb-4988-b989-2f0fd4d9a796>

**Программа расчета плановых характеристик энергообъектов в вероятностно-определенных условиях**  
**Lelumees, Heino** Энергетические системы. 6 1976 / с. 45-48 [https://www.ester.ee/record=b2190764\\*est](https://www.ester.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.ester.ee/record=b1428018\\*est](https://www.ester.ee/record=b1428018*est)  
<https://www.etera.ee/zoom/121729/view?>

**Программирование энергетических задач : учебное пособие**  
**Lelumees, Heino** 1982 [https://www.ester.ee/record=b1283037\\*est](https://www.ester.ee/record=b1283037*est)

**Работы кафедры электрических систем ТПИ по проблемам управления режимами энергетических систем : (исторический обзор и библиография)**  
**Möller, Kalju; Valdma, Mati; Meldorf, Mati; Tiigimägi, Eeli** Вопросы стохастического управления режимами энергетических систем 1982 / с. 3-26 [https://www.ester.ee/record=b1303314\\*est](https://www.ester.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/Item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

**Распределение резерва в энергосистеме**  
**Terno, Olaf** Экономические режимы энергетических систем 1963 / с. 19-24 : илл [https://www.ester.ee/record=b1428018\\*est](https://www.ester.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.ester.ee/record=b2190662\\*est](https://www.ester.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.ester.ee/record=b1519613\\*est](https://www.ester.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.ester.ee/record=b1383682\\*est](https://www.ester.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.ester.ee/record=b1302801\\*est](https://www.ester.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.ester.ee/record=b2190160\\*est](https://www.ester.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.ester.ee/record=b2183089\\*est](https://www.ester.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.ester.ee/record=b2681243\\*est](https://www.ester.ee/record=b2681243*est)

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

### **Состояние исследования экономических режимов энергетических систем**

**Terno, Olaf** Экономические режимы энергетических систем 1963 / с. 3-17 [https://www.ester.ee/record=b1428018\\*est](https://www.ester.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 : ил  
[https://www.ester.ee/record=b1286752\\*est](https://www.ester.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.ester.ee/record=b1397422\\*est](http://www.ester.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 : ил  
[https://www.ester.ee/record=b1428018\\*est](https://www.ester.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.ester.ee/record=b1303314\\*est](https://www.ester.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 : ил [https://www.ester.ee/record=b1267052\\*est](https://www.ester.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.ester.ee/record=b1537262\\*est](https://www.ester.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.ester.ee/record=b1525428\\*est](https://www.ester.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 : ил  
[https://www.ester.ee/record=b1563509\\*est](https://www.ester.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.ester.ee/record=b2181997\\*est](https://www.ester.ee/record=b2181997*est)  
<https://digikogu.taltech.ee/et/Item/eec6a33-a1eb-4988-b989-2f0fd4d9a796>

### **Факторизованная модель нагрузки энергетической системы**

**Meldorf, Mati** Вопросы стохастического управления режимами энергетических систем 1985 / с. 85-96 : ил  
[https://www.ester.ee/record=b1302407\\*est](https://www.ester.ee/record=b1302407*est) <https://digikogu.taltech.ee/et/Item/030d9115-743d-4f86-9bbd-aae45b9d7521>

### **Экономические режимы энергетических систем**

1963 [https://www.ester.ee/record=b1428018\\*est](https://www.ester.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.ester.ee/record=b1261084\\*est](https://www.ester.ee/record=b1261084*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.ester.ee/record=b1522851\\*est](https://www.ester.ee/record=b1522851*est)

### **Энергетические системы**

**Tarupere, 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.ester.ee/record=b1302407\\*est](https://www.ester.ee/record=b1302407*est)

**Энергетические системы**

Тарупере, Олев; 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.ester.ee/record=b1224602\\*est](https://www.ester.ee/record=b1224602*est)

**Энергетические системы : сборник статей**

1974 [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>

**Энергетические системы : сборник статей**

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

**Энергетические системы : сборник статей**

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

**Энергетические системы : сборник статей**

1969 [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/>

**Энергетические системы : сборник статей**

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