

About possibilities to integrate wind farms into Estonian power system

Liik, Olev; Landsberg, Mart; Oidram, Rein Proceedings of Fourth International Workshop on Large-Scale Integration of Wind Power and Transmission Networks for Offshore Wind Farms, 20-21 October, 2003, Billund, Denmark. Session 6a. 3 2003 / [10] p

Advanced condition monitoring method for high voltage overhead lines based on visual inspection

Manninen, Henri; Kilter, Jako; Landsberg, Mart 2018 IEEE Power & Energy Society General Meeting (PESGM 2018) : Portland, Oregon, USA, 5-10 August 2018 / p. 2321-2325 : ill <https://doi.org/10.1109/PESGM.2018.8586498>

Analysis of possibilities to integrate wind turbines into Estonian power system

Liik, Olev; Landsberg, Mart; Oidram, Rein Scientific proceedings of Riga Technical University. 4. [series], Power and electrical engineering 2003 / p. 196-203

CO2 emission reduction options for Estonia

Landsberg, Mart; Agabus, Hannes; Liik, Olev 3rd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 16-21, 2006 2006 / p. 112-119 : ill

CO2 emission reduction options for Estonia

Landsberg, Mart; Agabus, Hannes Tarptautines konferencijas Elektros ir valdymo technologijos - 2006 : pranešimu medžiaga = Proceedings of International Conference Electrical and Control Technologies - 2006 2006 / p. 405-410 : ill

Co-operation of Estonia's oil shale based power system with wind turbines

Liik, Olev; Oidram, Rein; Keel, Matti; Ojangu, Jaanus; Landsberg, Mart; Dorovatovski, Nikolai Oil shale 2005 / 2S, p. 127-142 : ill https://artiklid.elnet.ee/record=b2346707*est

Co-operation of wind generators with fossil power plants : problems and gains

Liik, Olev; Oidram, Rein; Keel, Matti; Landsberg, Mart Proc. of Nord Wind Power Conference : Cothenburg, 2004 2004 / [6] p

Cost-efficient improvement of power system's reliability within limited funds

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 7 p <https://doi.org/10.1109/RTUCON62997.2024.10830808>

Determining cost-efficient sequence of condition inspection based on estimated condition data

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863436>

Development of a Substation Risk-Based Asset Management Decision-Making Process in the Case of Insufficient Information = Alajaama riskipõhise varahalduse otsustusprotsessi arendamine ebapiisava sisendteabe tingimustes

Andreesen, Guido 2025 https://www.ester.ee/record=b5754736*est <https://digikogu.taltech.ee/et/Item/49e349b9-c62b-4a9e-af14-5c8408e54028> <https://doi.org/10.23658/taltech.52/2025>

Eesti elektri hind kujuneb tarbimise, mitte pelgalt tootmise järgi

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/eesti-elektrihind-kujuneb-tarbimise-mitte-pelgalt-tootmise-jargi/>

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

Estonia's fourth national communication : under the UN framework convention on climate change : Estonia, November 2005

2005 https://www.ester.ee/record=b4222739*est

Euroopa kobab pimeduses: miks kadus Lõuna-Euroopas ootamatult elekter?

Kivi, Krister postimees.ee 2025 <https://majandus.postimees.ee/8241615/luubi-all-euroopa-kobab-pimeduses-miks-kadus-louna-euroopas-ootamatult-elekter>

Health index prediction of overhead transmission lines : a machine learning approach

Manninen, Henri; Kilter, Jako; Landsberg, Mart IEEE transactions on power delivery 2022 / p. 50-58

<https://doi.org/10.1109/TPWRD.2021.3052721> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hispaania stsenaarium: miks elektrisüsteemid ootamatult kustuivad

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

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

Drovtar, Imre; Rosin, Argo; Landsberg, Mart; Kilter, Jako IEEE PowerTech 2013, Grenoble, France, 16-20 June 2013 : proceedings 2013 / [6] p
https://www.researchgate.net/publication/261398872_Large_scale_electric_vehicle_integration_and_its_impact_on_the_Estonian_power_system

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

Mart Landsberg: ei ole probleeme, on väljakutsed ja on lahendused, mida koos leiame
Landsberg, Mart toostusest.ee 2024 [Mart Landsberg: ei ole probleeme, on väljakutsed ja on lahendused, mida koos leiame](#)

Mart Landsberg: "Olen üsna kindel, et poole sajandi jooksul toimub energeetikas väga oluline tehnoloogiline läbimurre."
Landsberg, Mart Elektriala 2025 / lk. 46-51 https://www.ester.ee/record=b1240496*est

Maximum risk calculation process for individual substation equipment in primary side
Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863055>

Meid valitsevad juhutarkus ja juhuelekter
Rosin, Argo; Landsberg, Mart postimees.ee 2025 [Meid valitsevad juhutarkus ja juhuelekter](#)

Mitigation analysis for Estonia
Martins, Ants; Landsberg, Mart; Liik, Olev Global climate change mitigation assessment : results for 14 transitioning and developing countries 1997 / p. 59-73

Multi-stage deep learning networks for automated assessment of electricity transmission infrastructure using fly-by images
Manninen, Henri; Ramlal, Craig J.; Singh, Arvind; Kilter, Jako; Landsberg, Mart Electric power systems research 2022 / art. 107948 <https://doi.org/10.1016/j.eprsr.2022.107948> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new method for estimation of fuel savings by wind energy and its impact on powersystem planning [Electronic resource]
Liik, Olev; Oidram, Rein; Keel, Matti; Landsberg, Mart Proceedings of Power-Gen Europe 2004 : 25-27 May 2004, Barcelona, Spain 2004 / paper 357, [18] p. [CD-ROM]

Non-intrusive defects identification for the high voltage instrument transformers
Asefi, Sajjad; Kilter, Jako; Landsberg, Mart 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227493>

Onninen Energiapäev 2025 - pilguheit energiatulevikku
Elektriala 2025 / lk. 8-9 : fot https://www.ester.ee/record=b1240496*est

Optimal Investment strategies for energy sector under uncertainty
Landsberg, Mart; Agabus, Hannes; Liik, Olev 3rd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 16-21, 2006 2006 / p. 120-127 : ill

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

Possibilities to develop the use of renewable energy and co-generation in Saaremaa
Landsberg, Mart; Agabus, Hannes; Liik, Olev 2nd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Kuressaare, Estonia, January 17-22, 2005 2005 / p. 113-118 : ill., map

Possibilities to develop the use of wind energy in Saaremaa island
Liik, Olev; Landsberg, Mart; Ojangu, Jaanus; Kilk, Kalle; Agabus, Hannes Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2005 / p. 86-93 : ill

Problems related to grid connection in Pakri Wind Park
Oidram, Rein; Landsberg, Mart; Agabus, Hannes; Attikas, Raivo; Ojangu, Jaanus; Palu, Ivo Nordic Wind Power Conference - NWPC'2006 : Grid Integration and Electrical Systems of Wind Turbines and Wind Farms : 22-23 May 2006, Hanasaari, Espoo, Finland 2006 / [4] p. : ill

Reduction of CO2 emissions in Estonia during 2000-2030

Agabus, Hannes; Landsberg, Mart; Tammoja, Heiki Oil shale 2007 / p. 209-224 : ill
https://www.researchgate.net/publication/228625117_Reduction_of_C_O_sub_2_emissions_in_Estonia_during_2000-2030

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

Taastuvenergia võimalused Eestis ja Saaremaal : [slaidiettekanne]

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

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

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

Toward automated utility pole condition monitoring : a deep learning approach

Ramlal, Craig J.; Singh, Arvind; Rocke, Sean; **Manninen, Henri; Kilter, Jako; Landsberg, Mart** Proceedings of 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 26-28 October, 2020 2020 / p. 255–259 <https://doi.org/10.1109/ISGT-Europe47291.2020.9248797>

Toward automatic condition assessment of high-voltage transmission infrastructure using deep learning techniques

Manninen, Henri; Ramlal, Craig J.; Singh, Arvind; Rocke, Sean; **Kilter, Jako; Landsberg, Mart** International journal of electrical power & energy systems 2021 / art. 106726 <https://doi.org/10.1016/j.ijepes.2020.106726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uued inimesed ja positsioonid

Riivits-Arkonsuo, Iivi; Wahl, Mike Franz; Kisel, Einari; Sulakatko, Sirja; Landsberg, Mart; Sarkar, Aditi; Raadik, Heiki Mente et Manu 2024 / lk. 45-49 : fot https://www.ester.ee/record=b1242496*est

Verification of wind parks and their integration into small-interconnected power systems

Kilter, Jako; Landsberg, Mart; Palu, Ivo; Tšernobrovkin, Oleg IEEE PowerTech 2009 Conference : Bucharest, 28.06-02.07.2009 2009 / ? p