

### **Actual impact of heat pumps to energy performance of apartment buildings in Estonia**

**Reino, Arbo**; Hamburg, Arvi 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/RTUCON48111.2019.8982370>

### **Aggregated energy flexibility provision using residential heat pumps**

**Plaum, Freddy; Ahmadiyahangar, Roya; Rosin, Argo** 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 5 | <https://doi.org/10.1109/CPE-POWERENG54966.2022.9880898>

### **Air-to-water heat pump monitoring in the cold climate region**

**Kõiv, Teet-Andrus; Ling, Mariin; Tennokese, Kaspar** Innovative Solutions in the Field of Engineering Sciences : selected, peer reviewed papers from the 2014 International Conference on Applied Mechanics and Mechanical Automation (AMMA 2014), May 20-21, 2014, Macao, China 2014 / p. 599-603 : ill

### **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](#)

### **Comparison of COP estimation methods for large-scale heat pumps used in energy planning**

**Pieper, Henrik**; Ommen, Torben; Kjær Jensen, Jonas Energy 2020 / art. 117994, 13 p. : ill <https://doi.org/10.1016/j.energy.2020.117994>

### **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](#)

### **Decarbonisation of fossil-fuel CHP based district heating system = Fossiilkütustel põhineva CHP kaugküttesüsteemi dekarboniseerimine**

**Rušeljuk, Pavel** 2023 <https://doi.org/10.23658/taltech.62/2023> <https://digikogu.taltech.ee/et/Item/84455e85-92bf-4aba-8623-86c0904a8747>  
[https://www.ester.ee/record=b5640849\\*est](https://www.ester.ee/record=b5640849*est)

### **Decarbonization strategies of Helsinki metropolitan area district heat companies**

**Su, Yijie; Hiltunen, Pauli; Syri, Sanna**; Khatiwada, Dilip Renewable and Sustainable Energy Reviews 2022 / Art. 112274  
<https://doi.org/10.1016/j.rser.2022.112274> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design of high-performing hybrid ground source heat pump (GSHP) system in an educational building**

**Xue, Tianchen; Jokisalo, Juha; Kosonen, Risto**; Ju, Yuchen Buildings 2023 / art. 1825, 26 p. : ill  
<https://doi.org/10.3390/buildings13071825> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Lepiksaar, Kertu** postimees.ee 2024 [Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ega soojust raisata](https://digikogu.taltech.ee/et/Item/1bf329b0-baf7-4581-866e-fbc147c44d6c)  
<https://digikogu.taltech.ee/et/Item/1bf329b0-baf7-4581-866e-fbc147c44d6c>

### **The effect of hydronic balancing on room temperature and heat pump efficiency of a building with underfloor heating**

**Thalfeldt, Martin; Simson, Raimo; Kurnitski, Jarek** Energy procedia 2016 / p. 467-477 : ill  
<https://doi.org/10.1016/j.egypro.2016.09.178> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Emissions and power demand in optimal energy retrofit scenarios of the Finnish building stock by 2050**

**Hirvonen, Janne; Heljo, Juhani; Jokisalo, Juha; Kurvinen, Antti; Saari, Arto; Niemelä, Tuomo; Sankelo, Paula; Kosonen, Risto** Sustainable cities and society 2021 / art. 102896, 22 p. : ill <https://doi.org/10.1016/j.scs.2021.102896> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energiaarvestus toob selguse**

**Kurnitski, Jarek** Äripäev 2019 / Sisustaja, lk. 30

### **Energy and indoor climate performance of heat pumps and dehumidification**

**Napp, Margus; Kalamees, Targo** The Final Research Report of the project "Sustainable Management of Historic Rural Churches in the Baltic Sea Region (SMC)" 2013 / p. 102-125

### **Energy supply and storage optimization for mixed-type buildings**

**Rikkas, Elina Rebecka**; Lahdelma, Risto Energy 2021 / art. 120839 <https://doi.org/10.1016/j.energy.2021.120839>

### **Ennustatakse soojuspumpade arvu kiiret kasvu**

**Risthein, Endel** Elektriala 2004 / 5, lk. 28

## **An evaluation and innovative coupling of seawater heat pumps in district heating networks**

**Ali, Hesham; Hlebnikov, Aleksandr; Pakere, Ieva; Volkova, Anna** Energy 2024 / art. 133461  
<https://doi.org/10.1016/j.energy.2024.133461>

## **Exhaust air heat pump heat recovery system for apartment buildings**

**Kõiv, Teet-Andrus; Mikola, Aho; Kuusk, Kalle** Lecture Notes in Information Technology. Vol 13, 2012 International Conference on Power and Energy Systems (ICPES 2012), April 12-13, 2012, Hong Kong 2012 / p. 250-255 : ill

## **5th generation district heating and cooling (5GDHC) implementation potential in urban areas with existing district heating systems**

**Volkova, Anna; Pakere, Ieva; Murauskaitė, Lina; Huang, Pei; Lepiksaar, Kertu; Zhang, Xinxing** Energy reports 2022 / p. 10037-10047 <https://doi.org/10.1016/j.egypr.2022.07.162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Geothermal energy piles and borehole design with heat pump in a whole building simulation**

**Fadejev, Jevgeni** Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 126-131 : ill

## **Geothermal energy piles and boreholes design with heat pump in a whole building simulation software**

**Fadejev, Jevgeni; Kurnitski, Jarek** Energy and buildings 2015 / p. 23-34 : ill <https://doi.org/10.1016/j.enbuild.2015.06.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Geothermal heat pump plant performance in a nearly zero-energy building**

**Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek; Kesti, Jyrki; Mononen, Tarmo; Lautso, Petteri** Energy procedia 2016 / p. 489-502 : ill <https://doi.org/10.1016/j.egypro.2016.09.087> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **GIS-based approach to identifying potential heat sources for heat pumps and chillers providing district heating and cooling**

**Pieper, Henrik; Lepiksaar, Kertu; Volkova, Anna** International Journal of Sustainable Energy Planning and Management 2022 / p. 29-44 <https://doi.org/10.54337/ijsepm.7021> [Journal metrics at Scopus](#) [Article at Scopus](#)

## **Heat pump induction motor faults caused by soft starter topology — case study**

**Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Huynh, Van Khang** 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 454-459 : ill <https://doi.org/10.1109/PEMC48073.2021.9432506>

## **Heat pump use in rural district heating networks in Estonia**

**Lepiksaar, Kertu; Kalme, Kiur; Siirde, Andres; Volkova, Anna** Environmental and climate technologies 2021 / p. 786–802 <https://doi.org/10.2478/rtuct-2021-0059> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Heat recovery from exhaust air as a thermal storage energy source for geothermal energy piles**

**Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek; Kesti, Jyrki** Energy procedia 2016 / p. 478-488 : ill <https://doi.org/10.1016/j.egypro.2016.09.179> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Heating energy-saving potentials in HVAC system of swimming halls : a review**

**Yuan, Xiaolei; Chen, Zhisen; Liang, Yumin; Pan, Yiqun; Jokisalo, Juha; Kosonen, Risto** Building and environment 2021 / art. 108189, 18 p. : ill <https://doi.org/10.1016/j.buildenv.2021.108189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Heating system efficiency aspects in low-energy residential buildings = Küttesüsteemi efektiivsuse aspektid madalenergia eluhoonetes**

**Maivel, Mikk** 2015 [https://www.ester.ee/record=b4484289\\*est](https://www.ester.ee/record=b4484289*est)

## **Heating system return temperature effect on heat pump performance**

**Maivel, Mikk; Kurnitski, Jarek** 11th International Energy Agency Heat Pump Conference 2014 : 12-16 May 2014, Montréal (Québec), Canada 2014 / p. 1-8 : ill

## **Heating system return temperature effect on heat pump performance**

**Maivel, Mikk; Kurnitski, Jarek** Energy and buildings 2015 / p. 71-79 : ill <https://doi.org/10.1016/j.enbuild.2015.02.048> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Hybrid heat pump performance evaluation in different operation modes for single-family house**

**Tihana, Jelena; Ali, Hesham; Apse, Jekaterina; Jekabsons, Janis; Ivancovs, Dmitrijs; Gaujēna, Baiba; Dedov, Andrei** Energies 2023 / art. 7018 <https://doi.org/10.3390/en16207018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Identification, implementation and simulation of ground source heat pump with ground temperature modeling**

**Köse, Ahmet; Petlenkov, Eduard** BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 163-166 : ill [http://www.ester.ee/record=b2150914\\*est](http://www.ester.ee/record=b2150914*est)

**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>

**Kaevandusvesi soojuspumpade energiaallikana**

**Karu, Veiko** Inseneeria 2012 / lk. 16-21 : ill [https://artiklid.elnet.ee/record=b2551388\\*est](https://artiklid.elnet.ee/record=b2551388*est)

**Kliimaseadmed, vedelikjahutid ja elektrilise ajamiga kompressoriga soojuspumbad ruumide kütmiseks ja jahutuseks : testimine ja hindamine osalise koormuse tingimustes ja sesoonsete näitajate arvutamine = Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling : testing and rating at part load conditions and calculation of seasonal performance**

2024 [https://www.ester.ee/record=b5671708\\*est](https://www.ester.ee/record=b5671708*est)

**Kuidas säästa?**

**Thalfeldt, Martin** Õhtuleht 2021 / Lk. 17 <https://dea.digar.ee/article/oh tuleht/2021/10/26/13.3>

**Large-scale heat pumps for district heating systems in the Baltics : potential and impact**

**Volkova, Anna**; Koduvere, Hardi; Pieper, Henrik Renewable and sustainable energy reviews 2022 / art. 112749

<https://doi.org/10.1016/j.rser.2022.112749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Low-temperature waste heat enabling abandoning coal in Espoo district heating system**

**Hiltunen, Pauli; Syri, Sanna** Energy 2021 / art. 120916, 11 p. : ill <https://doi.org/10.1016/j.energy.2021.120916> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Method of linear approximation of COP for heat pumps and chillers based on thermodynamic modelling and off-design operation**

**Pieper, Henrik; Krupenski, Igor**; Markussen, Wiebke Brix; Ommen, Torben; **Siirde, Andres; Volkova, Anna** Energy 2021 / art.

120743 : ill <https://doi.org/10.1016/j.energy.2021.120743> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Modeling an alternate operational ground source heat pump for combined space heating and domestic hot water power sizing**

Ahmed, Kaiser; **Fadejev, Jevgeni; Kurnitski, Jarek** Energies 2019 / art. 2120, 26 p. : ill <https://doi.org/10.3390/en12112120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Modelling of wax actuators in underfloor heating manifolds**

**Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek** E3S Web Conference : Cold Climate HVAC and Energy 2021 2021 / art.

11009, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124611009> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Möödab Tallinna Tehnikaülikool : [õhksoojuspumba tegelikust soojustegurist : Tõnu Kasikovi magistritöö põhjal]**

Kodu & Ehitus : TM 2007 / lk. 28-29 : ill

**Märgatav kokkuhoid: targem soojuspumba kasutamine säästab rahakotti ja loodust**

maaleht.delfi.ee 2024 [Märgatav kokkuhoid: targem soojuspumba kasutamine säästab rahakotti ja loodust](#)

**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/rtuect-2020-0117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Optimal utilization of rain-water heat in domestic water system of public building**

**Sergejeva, Monika; Laanearu, Janek** CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on

IAQVEC : June 16-19, 2013, Prague Congress Centre, Czech Republic : programme 2013 / p. 114

**Optimized energy scheduling of residential DC building: Case of Nordic climate**

**Sidorova, Aleksandra; Blinov, Andrei; Ahmadiyahangar, Roya; Vinnikov, Dmitri; Vösa, Karl-Villem; Kurnitski, Jarek** 2023

IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 7 p

<https://doi.org/10.1109/CPE-POWERENG58103.2023.10227437>

**Otsi säästu igalt rindelt: õige küttesüsteem toob kopsaka rahalise võidu**

Raik, Jaan Martin Äripäev 2022 / Lk. 8-9 : fot [Otsi säästu igalt rindelt: õige küttesüsteem toob kopsaka rahalise võidu](#)

[https://www.ester.ee/record=b1071975\\*est](https://www.ester.ee/record=b1071975*est)

### **Overview of solar photovoltaic applications for district heating and cooling**

**Sukumaran, Sreenath; Laht, Janika; Volkova, Anna** Environmental and Climate Technologies / p. 964-979

<https://doi.org/10.2478/rtuct-2023-0070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Potential use of underground mine water in heat pumps**

**Karu, Veiko; Robam, Karin; Valgma, Ingo** Estonia. Geographical studies. 11 : on the occasion of the 32nd International Geographical Congress / Estonian Geographical Society 2012 / p. 60-77 : ill

### **Problems with using the exhaust air heat pump for renovation of ventilation systems in old apartment buildings**

**Mikola, Alo; Tennokese, Kaspar; Kõiv, Teet-Andrus** Danish journal of engineering and applied sciences 2015 / p. 44-55 : ill

<https://doi.org/10.6084/M9.FIGSHARE.1510922>

### **Properties of thermal probes with heat pipe cooling system**

**Vrager, Allan; Tiikma, Toomas** Advances in heat transfer engineering : proceedings of the Fourth Baltic Heat Transfer Conference : August 25-27, 2003, [Kaunas, Lithuania] 2003 / p. 587-594 : ill

### **Põrgukuumus: ekspert selgitab, kuidas ruume jahutada**

Päm, Joonas Õhtuleht 2021 / Lk. 2 <https://dea.digar.ee/article/ohhtuleht/2021/07/19/2.3>

### **Residential buildings with heat pumps peak power reduction with high performance insulation**

**Sarevet, Henri; Fadejev, Jevgeni; Thalfeldt, Martin; Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 12008, 5 p. : ill

<https://doi.org/10.1051/e3sconf/202017212008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A review on energy piles design, sizing and modelling**

**Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek;** Haghghat, Fariborz Energy 2017 / p. 390-407 : ill

<https://doi.org/10.1016/j.energy.2017.01.097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Soojusegeneraatorid : õppematerjal**

**Paist, Aadu; Poobus, Arvi** 2009 [https://www.ester.ee/record=b2439255\\*est](https://www.ester.ee/record=b2439255*est)

### **Soojuspump igikeltsa õnneks ei tekita**

**Mäekalda, Oskar; Kask, Ülo** Äripäev 2003 / 30. juuli, lk. 27

### **Soojuspump, mis see on**

**Kõiv, Teet-Andrus** Ehituskaar 2001 / 7, lk. 16-17 : ill

### **Soojuspumpade füüsikalistest alustest**

**Mäeküla, Oskar** Elektriala 2004 / 5, lk. 26-27 : ill

### **Soojuspumpade kasutamisest hoonete soojusvarustuses**

**Mäeküla, Oskar; Paist, Aadu** Energeetika Infoleht / Majandusministeerium 2000 / 3, lk. 11-14 : ill

### **Soojuspumpade levikust ja kasutamisperspektiividest**

**Vares, Villu** Energiavarustus ja -sääst 1990 / 1, lk. 12-15

### **System identification models and using neural networks for Ground Source Heat Pump with ground temperature modeling [Electronic resource]**

**Köse, Ahmet; Petlenkov, Eduard** 2016 International Joint Conference on Neural Networks (IJCNN) : 24-29 July 2016, Vancouver, Canada 2016 / p. 2850-2855 : ill. [USB] <https://doi.org/10.1109/IJCNN.2016.7727559>

### **Taastuvad energiaallikad, turvas, soojuspumbad**

**Vares, Villu** Eesti energeetika 2002 = Estonian energy 2002 2003 / lk. 41-47 : ill

### **A tabulated sizing method for the early stage design of geothermal energy piles including thermal storage**

**Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek** Energy and buildings 2020 / art. 110178

<https://doi.org/10.1016/j.enbuild.2020.110178> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Targem soojuspumba kasutamine säästab rahakotti ja loodust**

Targu Talita : Maalehe nõuandelisa : [ilmub koos Maalehega] 2024 / lk. 14-15 <https://dea.digar.ee/article/targutalita/2024/10/31/10.3>

### **Tasuvusaeg 6-8 aastat : [maasoojuspump]**

**Kõiv, Teet-Andrus** Ärielu 2001 / 8, lk. 122

**Tehnikaülikooli teadlased näevad soojusenergia allikana Läänemerd**  
Elektriala 2024 / lk. 9 : fot [https://www.ester.ee/record=b1240496\\*est](https://www.ester.ee/record=b1240496*est)

**The application of the ground source and air-to-water heat pumps in cold climate areas**  
Tennokese, Kaspar; Kõiv, Teet-Andrus; Mikola, Alo; Vares, Villu Smart grid and renewable energy 2013 / p. 473-481 : ill

**The efficiency analysis of the exhaust air heat pump system**  
Mikola, Alo; Kõiv, Teet-Andrus Engineering 2014 / p. 1037-1045 : ill

**The impact of building renovation with heat pumps to competitiveness of district heating : Estonian district heating pricing system needs more flexibility**  
Reino, Arbo; Härm, Mihkel; Hamburg, Arvi 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.2017.8124791>

**The performance of the ventilation in Estonian retrofitted apartment buildings**  
Mikola, Alo; Kõiv, Teet-Andrus; Tennokese, Kaspar CLIMA 2016 - proceedings of the 12th REHVA World Congress. Vol. 5 2016 / [10] p. : ill [http://vbn.aau.dk/files/233760270/paper\\_641.pdf](http://vbn.aau.dk/files/233760270/paper_641.pdf)

**The preliminary research of sea water district heating and cooling for Tallinn coastal area**  
Hani, Allan; Kõiv, Teet-Andrus Smart grid and renewable energy 2012 / p. 246-252 : ill  
[https://www.scirp.org/pdf/sgre20120300011\\_19171139.pdf](https://www.scirp.org/pdf/sgre20120300011_19171139.pdf)

**The use of heat pump in the renovation of residential buildings**  
Kõiv, Teet-Andrus; Mikola, Alo Proceedings of the ICENS : Waseda University, Tokyo, Japan, 22-24 July 2015 2015 / p. 193-203

**Thermal network simulation of heat pump aggregated energy flexibility**  
Plaum, Freddy 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. 101-102 : ill [https://www.ester.ee/record=b5504019\\*est](https://www.ester.ee/record=b5504019*est)

**Underground water pools as heat source for heat pumps in abandoned oil shale mines in Estonia**  
Karu, Veiko 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 130-134 : ill

**Use of absorption heat pumps to raise district cooling waste heat temperature for district heating supply in Tallinn : technical and economic analysis**  
Kirs, Tanel; Sukumaran, Sreenath; Latõšov, Eduard; Volkova, Anna Environmental and Climate Technologies 2024 / p. 409-421 <https://doi.org/10.2478/rtuct-2024-0032>

**Uuring: Balti riikide looduslikud ja tööstuslikud soojusallikad on alakasutatud**  
Mente et Manu 2021 / lk. 13 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Vaesust kartmata tuba soojaks: milline on kõige rahasäästlikum viis elektriga kütta?**  
Väli, Kristjan 2021 / Lk. 4-5 [https://dea.digar.ee/publication/ohutuleht\\_\"Vaesust kartmata tuba soojaks: milline on kõige rahasäästlikum viis elektriga kütta?\"](https://dea.digar.ee/publication/ohutuleht_\)

**Vaesusut kartmata tuba soojaks: milline on kõige rahasäästlikum viis elektriga kütta?**  
Väli, Kristjan Öhtuleht.ee 2021 [\"Vaesusut kartmata tuba soojaks: milline on kõige rahasäästlikum viis elektriga kütta?\"](https://www.ohutuleht.ee/\)

**Õhksoojuspump tuleks raha säästmise huvides infrapunapaneelide vastu välja vahetada – müüt või tõsilugu?**  
geenius.ee 2023 [Õhksoojuspump tuleks raha säästmise huvides infrapunapaneelide vastu välja vahetada – müüt või tõsilugu?](https://www.geenius.ee/\)

**Õhukonditsioneerid, vedelikjahutusseadmed ja soojuspumbad ruumide kütteks ja jahutuseks ning protsessi jahutid elektrikompressoritega. Osa 1, Terminid ja määratlused [Võrguteavik] = Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors. Part 1, Terms and definitions**  
2018 [https://www.ester.ee/record=b5167911\\*est](https://www.ester.ee/record=b5167911*est)

**Õhukonditsioneerid, vedelikjahutusseadmed ja soojuspumbad ruumide kütteks ja jahutuseks ning protsessi jahutid elektrikompressoritega. Osa 4, Nõuded [Võrguteavik] = Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors. Part 4, Requirements**  
2018 [https://www.ester.ee/record=b5167941\\*est](https://www.ester.ee/record=b5167941*est)

**Õhukonditsioneerid, vesijahutusseadmed ja soojuspumbad ruumide kütteks ja jahutuseks ning protsessi jahutid elektrikompressoritega. Osa 4, Nõuded = Air conditioners, liquid chilling packages and heat pumps for space heating and**

**cooling and process chillers, with electrically driven compressors. Part 4, Requirements**  
2023 [https://www.ester.ee/record=b5578149\\*est](https://www.ester.ee/record=b5578149*est)