

Analysis of ventilation load flexibility depending on indoor climate conditions

Maask, Vahur; Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; Korõtko, Tarmo 2020 IEEE International Conference on Industrial Technology, Buenos Aires Institute of Technology (ITBA) Buenos Aires, Argentina, 26-28 February, 2020 : proceedings 2020 / p. 607-612 <https://doi.org/10.1109/ICIT45562.2020.9067153> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

At the crossroads of product complexity, market demand, and machine learning

Kalvet, Tarmo; Tiits, Marek; Ounoughi, Chahinez; Ben Sassi, Imen; Ben Yahia, Sadok Management & marketing 2024

Benefits through space heating and thermal storage with demand response control for a district-heated office building

Ju, Yuchen; Hiltunen, Pauli; Jokisalo, Juha; Kosonen, Risto; Syri, Sanna Buildings 2023 / art. 2670, 23 p. : ill <https://doi.org/10.3390/buildings13102670> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bussisõitu pidurdab politiseeritus

Villemi, Ene-Mall Eesti Päevaleht 2006 / 23. aug., lk. 9 <https://epl.delfi.ee/artikkel/51053381/bussisoitu-pidurdab-politiseeritus>

Challenges of microgrids in remote communities: a STEEP model application

Akinyele, Daniel; Belikov, Juri; Levron, Yoash Energies 2018 / art. 432, 35 p. : ill <https://doi.org/10.3390/en11020432> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

Characterizing energy flexibility of buildings with electric vehicles and shiftable appliances on single building level and aggregated level

Azizi, Elnaz; Ahmadihangar, Roya; Rosin, Argo; Bolouki, Sadegh Sustainable cities and society 2022 / art. 103999 <https://doi.org/10.1016/j.scs.2022.103999> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate change and energy demand for heating and cooling of buildings in Finland

Jylhä, Kirsti; Tietäväinen, Hanna; Ruosteenoja, Kimmo; Kalamees, Targo; Jokisalo, Juha; Ilomets, Simo; Hyvönen, Reijo; Saku, Seppo European Geosciences Union General Assembly, Vienna, Austria, 03–08 April, 2011 2011

Comparison of the impact of different household occupancies on load matching algorithms

Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; Biechl, Helmuth; Korõtko, Tarmo 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 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818270>

Cost-effective heating control approaches by demand response and peak demand limiting in an educational office building with district heating

Yuan, Xiaolei; Vand, Behrang; Martin, Kristian; Jokisalo, Juha; Liang, Yumin; Kosonen, Risto; Pan, Yiqun Buildings 2023 / art. 332, 18 p. : ill <https://doi.org/10.3390/buildings13020332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Demand and supply chain simulation in telecommunication industry by multi-rate expert systems

Pedai, Andrus; Astrov, Igor Proceedings of World Academy of Science, Engineering and Technology 2008 / p. 268-270 : ill

Demand and supply chain simulation in telecommunication industry by multi-rate expert systems [Electronic resource]

Pedai, Andrus; Astrov, Igor WCSET 2008 CD-ROM proceedings : 2008 World Congress on Science, Engineering and Technology (WCSET 2008, Prague, Czech Republic, July 25-27, 2008) 2008 / p. 268-270 [CD-ROM]

Demand response potential of district heating in a swimming hall in Finland

Yuan, Xiaolei; Lindroos, Leo; Jokisalo, Juha; Kosonen, Risto; Pan, Yiqun; Jin, Hui Energy and buildings 2021 / art. 111149, 12 p. : ill <https://doi.org/10.1016/j.enbuild.2021.111149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Demand-side Flexibility in Smart Grid

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin 2020 <https://doi.org/10.1007/978-981-15-4627-3>

Demand-side innovation policy in Estonia : rationales, limits and future paths [Electronic resource]

Lember, Veiko; Cepilovs, Aleksandrs; Kattel, Rainer 2013 <http://technologygovernance.eu/files/main//2013122012033838.pdf>

Development of demand patterns for water distribution systems

Paas, Silver; Vaabel, Joonas XXIII Nordic Hydrological Conference ["Fresh Water Resources Management"] : Tallinn, Estonia, 8-12 August 2004 : selected articles. Vol. I 2004 / p. 350-356 : ill

Energy, cost and emission saving potential of demand response and peak power limiting in the German district heating system

Suhonen, Janne; Lindholm, Joakim; Verbeck, Moritz; Ju, Yuchen; Jokisalo, Juha; Kosonen, Risto; Janßen, Philipp; Schäfers, Hans International journal of sustainable energy 2023 / p. 1092-1127 : ill <https://doi.org/10.1080/14786451.2023.2251601> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Essays on International Transmission of Economic Policy Shocks = Esseed majanduspoliitiliste šokkide rahvusvahelisest edasikandumisest

Fadejeva, Ludmila 2025 https://www.ester.ee/record=b5741284*est <https://doi.org/10.23658/taltech.22/2025>
<https://digikogu.taltech.ee/et/Item/9c60c8ee-fcf5-44bd-ae6d-f2f5af5c38bc>

Estonian housing market after crisis : searching for origins of the demand change

Kolbre, Ene; Kallakmaa-Kapsta, Angelika European Real Estate Society Annual Conference : book of abstracts : main conference : Edinburgh, 13th–16th June 2012 2012 / p. 54

Exploring the Landscape of End User Energy Flexibility: A Systematic Review of Technologies, Challenges, and Opportunities

Maask, Vahur; Agabus, Hannes; Tiismus, Hans; Astapov, Victor; Ahmadiyahangar, Roya; Korõtko, Tarmo; Rosin, Argo IEEE Access 2025 / p. 146579-146602 <https://doi.org/10.1109/ACCESS.2025.3599989> <https://ieeexplore.ieee.org/document/11129056>

Haridusnõudlusest

Rajangu, Väino EMI Teataja 1995 / 7, lk. 15-17: ill

Home energy management systems: A review of the concept, architecture, and scheduling strategies

Han, Binghui; Zahraoui, Younes; Mubin, Marizan; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex IEEE Access 2023 / p. 19999-20025 <https://doi.org/10.1109/ACCESS.2023.3248502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identifying eGovernment success factors: An analysis of selected national governance models and their experiences in digitising service delivery

Meyerhoff Nielsen, Morten EGOSE '14: Proceedings of the 2014 Conference on Electronic Governance and Open Society: Challenges in Eurasia, 18-20 November 2014 : proceedings 2014 / p. 19-25 : ill <https://doi.org/10.1145/2729104.2729111> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Investigation and field measurements for demand side management control technique of smart air conditioners located at residential, commercial, and industrial sites

Masood, Bilal; Guobing, Song; Nebhen, Jamel; Rehman, Ateeq Ur; Iqbal, Muhammad Naveed; Rasheed, Iftikhar; Bajaj, Mohit; Shafiq, Muhammad; Hamam, Habib Energies 2022 / art. 2482, 23 p. : ill <https://doi.org/10.3390/en15072482> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Isikliku tarbimise ja nõudluse uurimisest

Straž, Salman Majandusteadus ja rahvamajandus 1967/68 : aastaraamat 1969 / lk. 270-278 https://www.ester.ee/record=b1691547*est

Kus peab üliõpilane elama? : [ka TTÜ ühiselamutest]

Müür, Jaanus Eesti Päevaleht 2013 / lk. 11 <https://epl.delfi.ee/artikkel/66642239/jaanus-muur-kus-peab-uliopilane-elama>

Leveraging the machine learning techniques for demand-side flexibility - a comprehensive review

Shahid, Arqum; Ahmadiyahangar, Roya; Rosin, Argo; Blinov, Andrei; Korõtko, Tarmo; Vinnikov, Dmitri Electric power systems research 2025 / art. 111185 <https://doi.org/10.1016/j.epsr.2024.111185>

Majandushariduse nõudluse nihked

Vaht, Gunnar Ärielu 1997 / 1, lk. 81-82

Modelling prediction of consumer demand in the tourism and hospitality based on time series

Danylyshyn, Bohdan; Shynkaruk, Lidia; Prokopenko, Olha; Bondarenko, Svitlana; Veres, Kateryna; Kovalenko, Liliia International journal of recent technology and engineering 2019 / p. 8551–8558 : ill <https://doi.org/10.35940/ijrte.D4338.118419>

A novel renewable powered stand-alone electric vehicle parking-lot model

Jawad, Muhammad; Asghar, Hira; Arshad, Jehangir; Javed, Abbas; Qureshi, Muhammad Bilal; Ali, Sahibzada Muhammad; Shabbir, Noman; Rassõlkin, Anton Sustainable energy, grids and networks 2023 / art. 100992, 14 p. : ill <https://doi.org/10.1016/j.segan.2022.100992> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nõudluse ja kaubanduskonjunktuuri uurimine

Kuum, Leev; Levin, Boris; Liivak, Gerhard; Straž, Salman 1970 https://www.ester.ee/record=b1312582*est

Nõudluse ja tarbimise prognoosi meetoditest

Straž, Salman Материалы научной конференции по анализу экономической деятельности и статистике : (21-23 октября 1971 г., Кязьрику) 1973 / lk. 106-114 https://www.ester.ee/record=b1317076*est

Nõudluse ja tarbimise uurimise põhisuunad

Pettai, Iris Majandusteadus ja rahvamajandus 1973/76 : aastaraamat 1977 / c. 123-131 : iil., joon.; portree https://www.ester.ee/record=b1691547*est

Nõudluse juhtimine

Raesaar, Peeter Elektriku teatmik 1997 / lk. 144-149: ill

Nõudluse mahu määramisest

Kaps, Heiki; Kaps, Ella Toiduainetetööstus : informatsiooniseeria 5 1977 / lk. 13-17 https://www.ester.ee/record=b1307328*est

Nõudluse prognoosimisest

Straž, Salman Majandusteadus ja rahvamajandus 1967/68 : aastaraamat 1969 / lk. 390-393 https://www.ester.ee/record=b1353724*est

Nõudluse uurimise matemaatilisi-statistilisi meetodeid

Straž, Salman Nõudluse ja kaubanduskonjunktuuri uurimine 1970 / lk. 25-52 : ill https://www.ester.ee/record=b1312582*est

Nõudluse uurimise tulemusi Viljandi rajooni teeninduses

Suur, K.; Mäeltsemees, Sulev XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 162-163 https://www.ester.ee/record=b1322611*est

Nõudluse üldmaht, struktuur ja rütm

Kaps, Heiki; Kaps, Ella Toiduainetetööstus : informatsiooniseeria 5 1976 / lk. 14-17 : tab https://www.ester.ee/record=b1307328*est

Nõudlust mõjutavad tegurid

Straž, Salman Nõudluse ja kaubanduskonjunktuuri uurimine 1970 / lk 17-24 : ill https://www.ester.ee/record=b1312582*est

Optimizing building hybrid energy systems for demand response marketplace operation

Savolainen, Rebecca; Einolander, Johannes; Lahdelma, Risto Journal of Energy Storage 2024 / art. 114108
<https://doi.org/10.1016/j.est.2024.114108> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Overview of intraday variable tariff system

Kivipõld, Tanel 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. 236-237 : ill

Research demand of old apartment buildings in Estonia

Kalamees, Targo; Ilomets, Simo; Arumägi, Endrik; Kuusk, Kalle; Liias, Roode; Kõiv, Teet-Andrus; Öiger, Karl IEA Annex 55 (RAP-RETRO) : working meeting : Holzkirchen, Germany, 15-16 April, 2010 2010 / [8] p

Seebitööstus ja siseturumaht = Soap industry and capacity of domestic market

Rannes, Arkadi Konjunktuur 1937 / lk. 314-321 https://artiklid.elnet.ee/record=b1036217*est

Soss-sepad ronge seadmas. Miks rutati Eesti rongiliikluse korraldust muutma, kui ei olnud selleks valmis?

Villemi, Ene-Mall Postimees 2014 / lk. 13 <https://arvamus.postimees.ee/2654460/mall-villemi-soss-sepad-ronge-seadmas>

Study of demand side management of variable air volume ventilation system

Maask, Vahur 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. 185-186 : ill https://www.ester.ee/record=b5291755*est

Sõidunõudlus suunab ühistranspordi investeeeringuid

Villemi, Ene-Mall Elektriala 2002 / 5, lk. 9-11

Tarbimise ja nõudluse elastsuse koefitsendid

Straž, Salman Organisatsiooniteooria, arvestus ja analüüs. 2 1969 / lk. 101-112 : tab https://www.ester.ee/record=b1335713*est
<https://digikogu.taltech.ee/et/Item/a4ec9119-c948-4680-90f9-66a230a7f0cd>

Tarbimise ja nõudluse elastsuse koefitsendid ning nende kasutamine kaubakäibe planeerimisel

Straž, Salman Majanduslik analüüs = Экономический анализ 1970 / lk. 116-124 : ill https://www.ester.ee/record=b1349703*est
<https://dspace.ut.ee/handle/10062/46164>

The use of error dynamics for calibration of water distribution systems

Koppel, Tiit; Vassiljev, Anatoli Proceedings of the Twelfth International Conference on Civil, Structural and Environmental Engineering Computing : 1-4 September 2009, Madeira 2009 / p. Paper 247 [14 p.]
<https://www.sciencedirect.com/science/article/pii/S0965997811002638>

Transactive energy : power electronics challenges

Martins, João F.; Romero-Cadaval, Enrique; Vinnikov, Dmitri; Malinowski, Mariusz IEEE Power Electronics Magazine 2022 / p. 20-32 <https://doi.org/10.1109/MPLE.2022.3140981> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Transport demand of foreign trade cargo in eastern Baltic area

Segerkrantz, Vladimir Rehabilitation of Roads and Motorways : papers of the XXIII International Road Conference, Pärnu, 25-27 August, 1977 1997 / p. 96-103: ill

Turunõudlus

Randveer, Mare Harju Elu 1992 / 7. apr., lk. 4: ill

Võipaantikaks ei ole alust – kaupa jätkub lademetes : [kommentaar TTÜ toiduainete instituudi emeriitdtsendilt Ants Virkuse]

Reimer, Andres Eesti Päevaleht 2011 / lk. 11

Väliskaubanduseveoste transpordinõudlus Balti piirkonna idaosas

Segerkrantz, Vladimir Maanteede rehabiliteerimine : Balti maanteeelaste XXIII konverents, Pärnu, 25.-27. august 1997 : ettekanded, resümeeid 1997 / lk. 48-53: ill

Влияние новых форм занятости на реализацию трудового потенциала работника

Адильбекова З. Проблемы подготовки и использования кадров : тезисы докладов межреспубликанского семинара. 2 1990 / с. 6-8

Metoodilised küsimused täiendava vajaduse määramisel spetsiaalsete haridustega

Tartu, Ülo Tootmisressursside ratsionaalse kasutamise probleemid Eesti NSV-s : noorte majandusteadlaste teadusliku seminar ettekannete teesid = Проблемы рационального использования производственных ресурсов в Эстонской ССР : тезисы научного семинара молодых ученых-экономистов 1981 / lk. 108-110 https://www.ester.ee/record=b1307938*est

Перебор некоторых математических функций при прогнозировании спроса

Straž, Salman Труды экономического факультета. 16 1974 / с. 69-78 https://www.ester.ee/record=b2190676*est
<https://digikogu.taltech.ee/et/Item/e8e82f2f-58a8-4d70-8df1-82a9a1dd645c>

Прогнозирование спроса по линейной множественной регрессии

Straž, Salman Труды экономического факультета. 12 1974 / с. 97-103 https://www.ester.ee/record=b2190628*est
<https://digikogu.taltech.ee/et/Item/f60c06-b960-4492-bffc-2ca731bf5715d9>

Результаты обработки массива потребности для банка данных унификации БПВ

Hendre, Enn Научно-методические проблемы унификации в приборостроении и машиностроении 1988 / с. 78-86

Статистические методы изучения и прогнозирования спроса населения на отдельные товары

Straž, Salman Методы анализа состояния и перспектив развития региональных рынков : тезисы докладов межреспубликанского научного семинара 1968 / с. 17-20 https://www.ester.ee/record=b1426990*est

Тенденции развития дополнительной потребности в специалистах с высшим и средним специальным образованием на возмещение естественного выбытия

Hoffmann, Wilfrid Проблемы рационального использования трудовых ресурсов 1982 / с. 115-119
https://www.ester.ee/record=b1263254*est <https://digikogu.taltech.ee/et/Item/1c07070a-8c07-4627-8f76-cd2b3b2d6408>