Benchmarking Danish, Estonian and Finnish NZEB requirements with European Commission recommendations in residential and office buildings

Simson, Raimo; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; Kurnitski, Jarek Energy and Buildings 2025 / art. 116086 https://doi.org/10.1016/j.enbuild.2025.116086

Cost optimal and nearly zero energy performance requirements for buildings in Estonia

Kurnitski, Jarek; Saari, Arto; **Kalamees, Targo**; Vuolle, Mika; Niemelä, Jouko; **Tark, Teet** Estonian journal of engineering 2013 / p. 183-202: ill https://doi.org/10.3176/eng.2013.3.02 Article at Scopus

Cost optimal and nearly zero (nZEB) energy performance calculations for residential buildings with REHVA definition for nZEB national implementation

Kurnitski, Jarek; Saari, Arto; **Kalamees, Targo**; Vuolle, Mika; Niemelä, Jouko; **Tark, Teet** Energy and buildings 2011 / p. 3279-3288 : ill

Facade design principles for nearly zero energy buildings in a cold climate

Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek; Voll, Hendrik Energy and buildings 2013 / p. 309-321 : ill https://doi.org/10.1016/j.enbuild.2013.08.027 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Low- and nearly zero energy solutions for apartment buildings in Estonia

Kuusk, Kalle; Kalamees, Targo Proceedings of CLIMA 2013: 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013 2013 / [10] p.: ill

Nearly zero energy office building without conventional heating

Thalfeldt, Martin; **Kurnitski, Jarek**; **Mikola, Alo** Estonian journal of engineering 2013 / p. 309-328 : ill https://doi.org/10.3176/eng.2013.4.06 Article at Scopus

nZEB definitions in Europe

Kurnitski, Jarek; Buso, Tiziana; Corgnati, Stefano Paolo; Derjanecz, Anita; Litiu, Andrei The REHVA European HVAC journal 2014 / p. 6-9 : ill

Power electronic interface converter for resource efficient buildings

Roasto, Indrek; Rosin, Argo; Jalakas, Tanel IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society: proceedings: China National Convetion Center, Beijing, China, 29. October - 01. November, 2017 2017 https://doi.org/10.1109/IECON.2017.8216617

REHVA nZEB technical definition and system boundaries for nearly zero energy buildings

Kurnitski, Jarek Proceedings of CLIMA 2013: 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013 2013 / [10] p.: ill

Relevance of renewable energy ratio indicator in describing nZEB performance

Thalfeldt, Martin; **Kurnitski, Jarek**; Gräslund, Jonas; Kempe, Per; Verwer, Jeroen CLIMA 2016 - proceedings of the 12th REHVA World Congress. Vol. 6 2016 / [10] p. : ill

Total economy of windows and facades in low energy office buildings

Thalfeldt, Martin; Kurnitski, Jarek; Voll, Hendrik; Pikas, Ergo The REHVA European HVAC journal 2014 / p. 19-24: ill