

## **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://artiklid.elnet.ee/record=b2632889\\*est](https://artiklid.elnet.ee/record=b2632889*est) <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; Corngnati, 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 Convention 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