

RESEARCH AND DEVELOPMENT OF NOVEL APPLICATIONS FOR COMMUNITY AND SMALL-SCALE ENERGY SYSTEMS (TF23056EE2) Objective: Increased private sector and ...

Last week we organized the closing seminar of the ETAG - Estonian Research Council team grant PRG1086 "Future-Proof Power Electronic Systems for Residential Microgrids."

The hub has a 350V/30V DC droop-controlled DC microgrid, features a heat pump fed from DC, and is adorned with a solar facade and solar modules installed on the roof. It also has LED ...

This is the flagship international event that brings together experts in DC microgrids and provides a platform for the exchange of ideas and for boosting innovation.

One of the most impactful highlights of Tallinn DC Week was ICDCM 2025 - the IEEE 7th International Conference on DC Microgrids, making its first appearance in Estonia.

A PhD position is available in Power Electronics at Tallinn University of Technology (TalTech), focusing on the development of ultra-efficient partial power converters for next-generation DC microgrids.

Design and Development of Solid State Circuit Breaker with Residual Current Protection for Residential Prosumer DC Microgrids. Proceedings of the Estonian Academy of Sciences, 74, 2S, ...

The work includes the research and development of power supply systems and smart grids for industry and service sectors and households aimed at improving the efficiency, reliability and flexibility of ...

As Europe races toward 2030 renewable targets, the Tallinn Power Storage Project has become a litmus test for grid-scale battery viability in northern climates.

The Microgrid industry in Estonia is influenced by several key considerations that potential stakeholders should be aware of. First, Estonia's regulatory framework encourages innovation in renewable ...

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