

Title: Finland demand response

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The research presented in this paper aims to assess the technical effectiveness of demand response as a demand-side flexibility option to mitigate variability in the energy system in ...

Thus, this study analyzed how the demand response of detached houses in Finland can increase the utilization of variable renewable power generation while mitigating the required reserve ...

In demand response, you agree to instantaneously fine-tune your electricity consumption, e.g. to consume less energy than normal. Demand response creates a distributed system in Finland in ...

Electricity intensive industry is investing in Finland due to low-priced renewable electricity => process should be optimized to follow this goal => loads following the availability of RES

A rule-based demand response control strategy was designed based on dynamic district heat prices. The results show that the demand response control saves ...

Demand-side flexibility is also known as demand response. In Finland, electricity consumption has operated on the reserve markets used to maintain the power balance for a long time, however, ...

Coupling several individual residential consumers can provide a high degree of flexibility, which can help the energy system during times of need. This paper aims to analyze the potential ...

This article examines possible development paths for residential demand response in Finland using the Ansoff matrix, which divides development strategies into four categories: market penetration, market ...

The future of residential demand response in Finland - an Ansoff matrix approach Author: Katariina Rantanen, Project Expert at Novia University of Applied Sciences

The future of residential demand response in Finland - an Ansoff matrix approach Rantanen, Katariina (2025)



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