Riga microgrid economics

Abstract Currently, microgrids are regarded as one of the main substations in distribution networks that generate electrical energy locally. The privileges of microgrids are easy management, ...

Economic Dispatch in Microgrid with Battery Storage System ... The development of microgrid systems forces to integration of various distributed generators (DG) and battery energy storage (BES) systems.

This pilot aims to apply Doughnut Economics (DE) as an integrated, systemic, innovative, inclusive, and participatory approach to achieve rapid decarbonisation.

This chapter proposes a spinning reserve-based optimal scheduling model of integrated microgrids in an adaptive distribution grid to address common resilience issues in the face of disasters.

This research aims to fill these gaps by providing a detailed examination of the operational, economic, and strategic facets of microgrids, thus offering valuable insights for optimizing energy ...

Riga is a multi-ethnic city, with the largest nationalities being Latvians (47 %) and Russians (34 %), along with notable populations of Ukrainians, Belarusians, Poles, Lithuanians, and other nationalities.

Microgrids riga ... By investigating diverse cultural and geographical contexts in Baltic-Nordic regions, this project will significantly increase the flexibility and resilience of urban energy systems and ...

The book presents economic models for the expansion of microgrids under load and market price uncertainties, as well as discussions of the economics of resilience in microgrids for ...

His research is focused on the climate cri-sis, the grid of the future, and advanced technologies to modernize the grid, includ-ing artificial intelligence and quantum computing. He has authored/co ...

Currently, the bicycle infrastructure network in Riga covers 119 kilometers, and it is planned to expand it to 300 kilometers by 2030. 40% of Riga residents use a bicycle for transportation, 10% ride a bicycle ...

Web: https://www.rocksteadyfloors.co.za