

Ljubljana increased renewable energy penetration

The complexities of high PV penetration in the electricity grid in Slovenia based on targets proposed in national energy and climate plan were explored.

Discover how Ljubljana is becoming a renewable energy leader in 2025, attracting investments that promise economic growth and sustainability for the future.

The main objective of this paper is to present a current energy mix, current state of RES and scenario-based assessment for the development of energy consumption of all energy types until ...

Elektro Ljubljana, Slovenia's largest electricity distribution network, took on the challenge of modernising and expanding the national grid to help meet the country's climate targets.

After the project, 25% of the energy supply for the comprehensively retrofitted buildings is generated from renewable sources. This project also helped the city become more environmentally friendly and ...

A second project based on the same principle of energy performance contracting (EPC) is now underway for retrofit of further 11 buildings (EOL2 project). Ljubljana's EOL1 project has been ...

Well, here's the kicker - the city's renewable energy adoption rate has jumped 40% since 2021, but grid stability issues are sort of creeping up. Last winter, power fluctuations during peak hours increased ...

The benefits of Ljubljana's Green Tech Focus include a reduction in carbon emissions, improved air and water quality, increased energy efficiency, and the promotion of a healthier and ...

The project focuses on decarbonising heating sources in Ljubljana, evaluating scenarios for transitioning from fossil fuels to renewable energy systems, enhancing operational flexibility, and ...

That's exactly what Ljubljana's energy storage power initiative is achieving. Nestled in Slovenia's capital, this project combines cutting-edge battery tech with smart grid solutions to tackle ...



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