



# Slovenia hydropower energy storage project

On 4 May 2024, the total daily electricity consumption in Slovenia, excluding the Av?e Pumped-Storage Hydropower Plant, was covered by renewable energy sources.

energy, heat, and energy storage. The approved state aid will help Slovenia achieve its current target of ensuring at least a 27% share of renewable energy in total energy consum

On 24 September 2025, the StoreMore project team visited the Av?e Pumped Storage Hydroelectric Power Plant, one of Slovenia's key energy storage facilities. The aim of the visit was to ...

Abstract: Slovenia is a Central European country with a long history of hydropower. This paper gives a brief introduction to the current status of hydropower utilization and informs about...

The SENG company will install a 8.2 MW solar power plant at the location of the upper accumulation of the Av?e pumped-storage hydro power plant in Kanalski Vrh. On the surface of Lake ...

Slovenia state-owned utility Dravske elektrarne Maribor (DEM) is planning two battery storage units totalling 60MW co-located with an existing hydroelectric unit, as well as a new pumped ...

Compact and light compared with traditional alternatives, these cutting-edge energy storage systems are ideal for applications with a high energy demand and variable load profiles, accounting for both low ...

The installation of new and larger pumped storage hydropower plants enables the expansion of renewable energy sources, thereby increasing the share of green energy sources, without sacrificing ...

The Kozjak pumped hydropower project in Slovenia consists of a 440 MW plant and a 400 kV transmission line, CEO of state-owned utility DEM Damjan Seme said. The company is also ...

State-owned utility and power generator HSE is targeting 800MW of flexibility assets across Slovenia by 2035, including pumped hydro energy storage (PHES) and battery energy ...



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