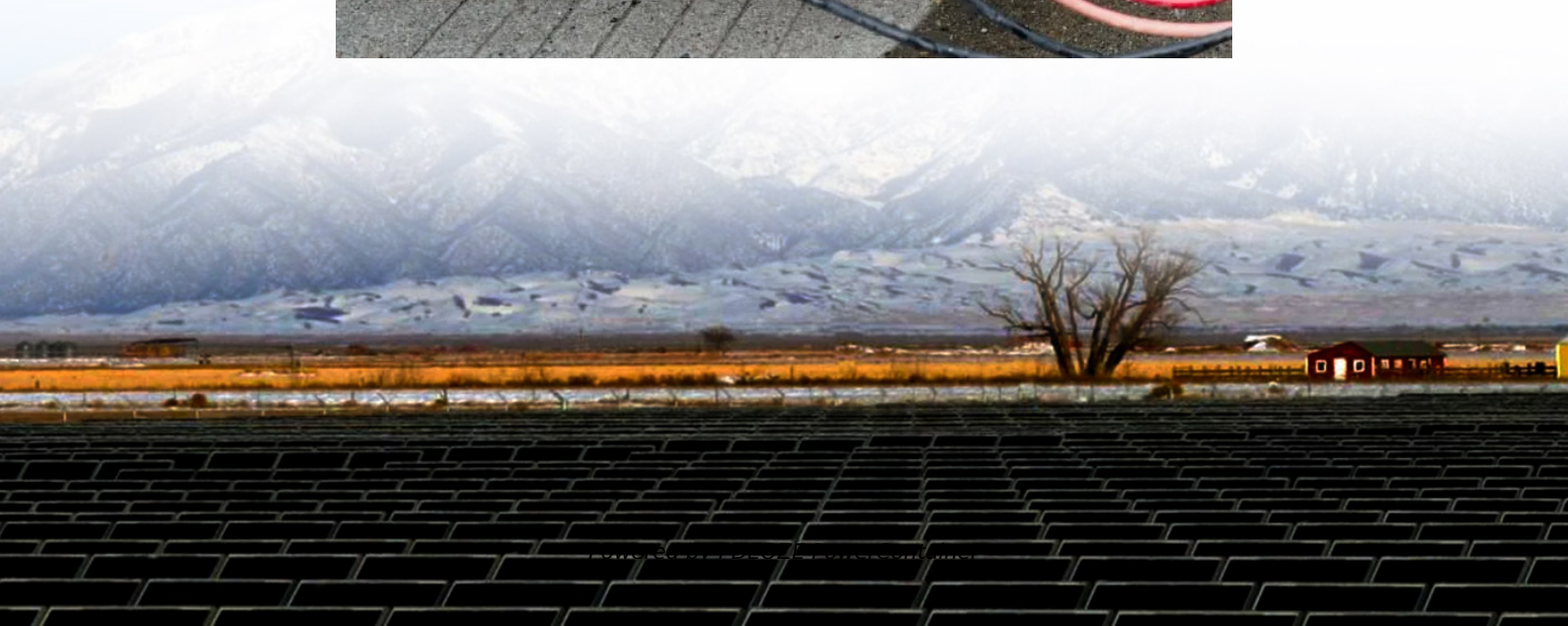


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Are there any energy storage projects in Slovenia



Overview

Slovenia's state-owned utility HSE is driving the country's energy transition with the deployment of 800MW of energy storage by 2035, including 590MW of pumped hydro energy storage (PHES) and 150MW of battery energy storage (BESS). What are the major developments in the renewables sector in Slovenia?

The main developments in the renewables sector include the introduction of the National Energy and Climate Plan and the adoption of secondary legislation, aiming to make Slovenia a climate-neutral society in the coming decades and motivating private finance to invest in projects including renewable sources.

Does Slovenia have gas storage facilities?

Slovenia does not have gas storage facilities, and is dependent on infrastructure in Austria and Croatia. Slovenia has expressed interest in securing U.S. LNG sources via terminals in Krk, Croatia, or Rovigo, Italy, to diversify its supply. Beginning in 2027, Geoplin booked additional capacity to acquire LNG from the Krk terminal.

What is Slovenia's energy industry like?

Slovenia's energy companies are active in developing innovative electricity transmission and distribution solutions, while the country's energy infrastructure is among the strongest in the region. Ministry of the Environment, Climate, and Energy Langusova 4, SI- 1000 Ljubljana, Slovenia.

What is Slovenia's energy capacity?

The reference capacity in the related scenario is 1.1 GW, from a range of 1 GW to 2.4 GW. A small modular reactor (SMR), of 250 MW, would come online by mid-century, the NECP reads. Slovenia plans to maintain a high level of electricity connectivity with neighboring countries, with a goal of more than 80%.

How many hydropower plants will Slovenia have by 2045?

Another pumped storage hydropower plant is seen by 2045. It would be able to generate 180 MW and store 2.6 GWh. The Integrated National Energy and Climate Plan envisages an overall 500 MW in gas power plants in Slovenia by the end of the decade.

What are the main sources of electricity in Slovenia?

A paid subscription is required for full access. Nuclear power is the most used source of electricity production in Slovenia. In 2022, nuclear power plants accounted for 42 percent of total electricity generation. Coal-fired and hydropower plants followed, each making up approximately 24 percent of power production that year.

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