

What is energy in Liechtenstein?

Energy in Liechtenstein describes energy production, consumption and import in Liechtenstein. Liechtenstein has no domestic sources of fossil fuels and relies on imports of gas and fuels. The country is also a net importer of electricity.

Is Liechtenstein a solar power station?

Samina Power Station, currently the largest of the domestic power stations, has been operational since December 1949. In 2011-2015, it underwent a reconstruction that converted it into a pumped-storage hydroelectric power station. In recent decades, renewable energy efforts in Liechtenstein have also branched out into solar energy production.

What percentage of Liechtenstein's electricity comes from non-renewable sources?

In 2016, non-renewable sources accounted for 67,35 % and renewable sources for 32,47 % of Liechtenstein's electricity supply. Energy production from non-renewables consisted of 56,88 % foreign imports of electricity produced by nuclear power, and 0,65 % of electricity produced in Liechtenstein from imported natural gas.

How do Liechtenstein municipalities get the energy City label?

Liechtenstein municipalities can obtain the Energy City label if they continuously ensure efficient energy use, increase investments for renewables, including solar energy, wind energy and hydropower, and promote environmentally compatible mobility. The certificate is awarded by the Energy City Sponsoring Association.

How many hydroelectric power stations are there in Liechtenstein?

Liechtenstein has used hydroelectric power stations since the 1920s as its primary source of domestic energy production. By 2018, the country had 12 hydroelectric power stations in operation (4 conventional/pumped-storage and 8 fresh water power stations). Hydroelectric power production accounted for roughly 18 - 19% of domestic needs.

Does Liechtenstein use fossil fuels?

Liechtenstein has no domestic sources of fossil fuels and relies on imports of gas and fuels. The country is also a net importer of electricity. In 2016, its domestic energy production covered only slightly under a quarter of the country's electric supply, roughly 24,21 %.

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Der Absatz von Heizöl in Liechtenstein hat sich um 10.1% erhöht. Der Energieverbrauch aus Kehrholz hat sich um 2.8% erhöht. Die Quote der Energieversorgung aus einheimischen Energiere-sourcen an der gesamten Energieversorgung nahm im ...

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amongst the major energy sources in Liechtenstein, which is strongly dependent upon energy imports. The proportion of own energy supply to total energy consumption is 13%. Energy production in Liechtenstein is limited to the energy sources electricity, firewood and biogas. Energy 34.0% 9.1% 20.5% 8.5% 9.6% 5.2% 0.1% 0.9% 12.2% Energy ...

Liechtenstein: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.

SummaryRenewable energyElectricityConsumptionSee alsoExternal linksEnergy production from renewable resources accounts for the vast majority of domestically produced electricity in Liechtenstein. Despite efforts to increase renewable energy production, the limited space and infrastructure of the country prevents Liechtenstein from fully covering its domestic needs from renewables only. Liechtenstein has used hydroelectric power stations since the 1920s as its primary source of do...

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS).

Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

Primary energy trade 2015 2020 Imports (TJ) 0 0 Exports (TJ) 0 0 Net trade (TJ) 0 0 Imports (% of supply)  
n.a. n.a. Exports (% of production) n.a. n.a. Energy self-sufficiency (%) n.a. n.a. Liechtenstein COUNTRY  
INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2020 Renewable  
energy supply in 2020 Oil Gas Nuclear Coal + others

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