What is the energy supply in North Macedonia?

ENERGY PROFILE North Macedonia ENERGY PROFILE Total Energy Supply (TES) 2016 2021 Non-renewable (TJ) 93 548 92 443 Renewable (TJ) 19 952 22 166 Total (TJ) 113 500 114 609 Renewable share (%) 18 19 Growth in TES 2016-21 2020-21 Non-renewable (%) -1.2 -3.0 Renewable (%) +11.1 -0.5 Total (%) +1.0 -2.5 Primary energy trade 2016 2021

Is North Macedonia reliant on fossil fuels?

According to the national and international statistics,such as those run by the World Data and the International Energy Agency,North Macedonia remains reliant on fossil fuels28. Majority of its total energy mix,both on supply and demand side,still falls under the category of fossil fuels (Figure 2),mostly due to the usage of coal and oil.

Are wind power projects a good opportunity for North Macedonia?

Nevertheless,for the time being,there is no visible resistance and wind potential remains. Just as with any future exploitation of renewable energy,wind power projects can be a good opportunityfor citizen participation and creation of energy communities in North Macedonia.

What is North Macedonia's energy mix?

In addition,North Macedonia's energy mix includes a significate percentage of hydropower,having mountainous geography with powerful streams of rivers running through the country. For the time being,the hydropower capacity is partially used.

Does North Macedonia have a green energy transition?

When we go back and compare Figures 2, 3 and 4, we see a large gap with the reality at hand, and the options for a green energy transition that North Macedonia has. Today, around 60% of total energy mix and total electricity production of the country comes from either coal, oil or natural gas.

Does Macedonia have a good energy strategy?

The intention of the objectives of the Macedonian energy strategy seem clear enough to be well transitioned into practicing polices,the country has enough clean energy resources,and for the moment it shows commitment in delivering results.

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North Macedonia: 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.

Increasing the share of the energy from renewable energy sources (RES) in the total energy consumption is one of the major strategic objectives of the Government of the Republic of North Macedonia. This is very important for ensuring stable energy supply and energy security, thus creating conditions for

total energy consumption is one of the major strategic objectives of the Government of the Republic of North Macedonia. This is very important for ensuring stable energy supply and energy security, thus creating conditions for sustainable development of the energy sector in the country within the regional and global sustainable energy development.

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While there were no other major energy legislative changes, North Macedonia continues to harmonize its energy sub-regulations with the EU Energy Community's Third Energy Package (TEP). The National Electricity Market Operator (MEPSO) launched May 10, 2023, the country's first day-ahead electricity exchange, which featured 22 participating

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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

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We recommend integrating detailed maps that highlight brownfields, degraded, and converted lands into critical planning documents. Specifically, forthcoming iterations of the Energy Strategy of North Macedonia, the National Energy and Climate Plan (NECP), and plans for site-specific renewable energy auctions should consider these maps.