

Does Bulgaria have a good energy sector?

Bulgaria's energy sector is at a critical juncture, with two main objectives shaping its direction: decarbonization and reducing reliance on Russian energy. Over the past year, Bulgaria has made considerable progress in expanding its renewable energy capacity, particularly in solar power.

How much energy does Bulgaria produce?

Currently, the installed power generation capacity in Bulgaria is 13,247 MW, and the available capacity is 10,771 MW. To support its energy needs, Bulgaria imports natural gas, oil and oil products, and solid fuels (anthracite and black coal, coal coke). The main local energy source in Bulgaria is lignite coal.

What is Bulgaria's energy strategy?

Despite being a net electricity exporter, with major buyers like Romania, Greece, and North Macedonia, Bulgaria's energy strategy remains fossil-fuel dependent. The 2019 National Energy and Climate Plan indicated a long-term reliance on coal and nuclear, with no immediate phase-out in sight. 4. Future prospects

What is the main source of electricity in Bulgaria in 2022?

Coal energy was the main source of electricity production in Bulgaria in 2022. It accounted for over 45 percent of total electricity generation. Nuclear energy ranked second, making up 35 percent of total production.

Is Bulgaria getting more solar power?

Over the past year, Bulgaria has made considerable progress in expanding its renewable energy capacity, particularly in solar power. Solar energy production has surged from one gigawatt (GWh) in 2019 to more than three GWh today, with solar accounting for nearly half of the country's electric capacity from renewables.

Why is Bulgaria promoting self-sustaining energy solutions?

Bulgaria is also pushing for small- and medium-sized businesses to adopt more self-sustaining energy solutions, including solar energy and battery storage, to reduce dependency on the grid during peak consumption times. Source: IRENA

Bulgaria presents a growing landscape for foreign investment, boasting a strategic location in Southeast Europe and a competitive tax system. With EU membership enhancing its market access, Bulgaria offers opportunities across sectors like IT, manufacturing, and tourism. However, investors must navigate restrictions in sensitive industries such as ...

The Bulgarian State Railways, founded in 1888, are among the oldest rail networks in Europe. Providing passenger and freight services, they cover more than 4,200 kilometers and connect diverse geographies - from

the snow-capped Balkan mountains to the sunny Black Sea coast, from the bustling state capital Sofia to culture hub Plovdiv, and from Balkan Serbia to ...

Renalfa IPP opened the first large-scale BESS project in Bulgaria and one of the largest in the region. By developing utility-scale energy storage at strategic locations, energy prices will become more stable, and the energy industry will become less dependent on conventional energy resources.

Dozens of companies are designing and building medium and large-scale renewable energy projects in Europe, Asia, Africa, and America. Success stories of Bulgarian companies were presented by Dimitar Enchev from Postscriptum Ventures, Nikola Gazdov, Chairman of the Association for Production, Storage and Trade of Electricity, and Stoyan Turlakov ...

Enery is renewable energy company with a bold vision for Bulgaria. Enery launched its business in Bulgaria in 2020 with the acquisition of the Karadzhalovo Photovoltaic Power Plant in Plovdiv district. The company's goal is to provide top-quality O& M for its power plants, in accordance with the highest H& S standards. Locations: 2 Capacity: 174 MW

The success of this project motivated us to replicate it in other countries of operations, like Austria and Romania, and marked the beginning of our Solar honey label. ... 1000 Sofia, Bulgaria. office.sofia@enery.energy. Str. Plovdiv 37, 2th fl. 4000 Plovdiv, Bulgaria. Silviya Kalcheva

The Tenevo plant will add 238 MW of solar generation capacity to the Bulgarian national energy system, with a long-term plan to add on a 250MW capacity of behind-the-meter energy storage. This is an important project to advance towards Bulgaria's ambitious net-zero greenhouse gas emissions target by 2050 and reduce reliance on coal generation ...

Until 2016, Bulgaria had no combined heat and power generation plant running on wood waste. In the Bulgarian economy and wood industry, that kind of projects faced high initial investment costs and was unprofitable and economically unfeasible. ...

We're integrating innovative energy solutions, developing positive social impact programs and creating long-term value within the communities where we work. ... we do. We always identify potential risks to our people, contractors, customers, partners and communities, and measure success by how safely we conduct our work together while ...

Bulgaria: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO<sub>2</sub> - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas emissions. So, reducing energy consumption can inevitably help to reduce emissions.

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safeguard energy security in the region ; 13 December 2024 Minister Malinov: Cooperation with USTDA is key to the success of our energy policies

Bulgaria proposes a share of 25% of energy from renewable sources in gross final consumption of energy in 2030 as contribution to the EU renewable energy target for 2030. Information provided in the draft plan shows that this contribution would ...

The boom in renewable sources allowed Bulgaria to reach the share of green energy (not just electricity) on the total consumed, fixed by the EU at 16% by 2020, eight years in advance. According to the Bulgarian Institute of Statistics, the share had already been exceeded (16.3%) at the end of 2012 - a result that only Sweden and Estonia can ...

Success at unsustainable costs? ... "In Bulgaria energy costs much less than in the rest of Europe. The real problem is to restart the economy and increase the income of families". For Rusenova, the problem in the energy sector is purely political. "Today Bulgaria is totally dependent on Russian imports and major infrastructure.

The energy sector in Bulgaria is going through a phase of profound transformation, between the need to proceed with decarbonisation and that of freeing itself from traditional ties with Russia. We talked about it in Sofia with ...

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