

How can Mexico support a global green transition?

With energy demand expected to grow about 3% to 4% annually, Mexico must expand its renewable energy production to meet its climate goals and support a global green transition. We expect the development of significant new wind and solar projects and the introduction of major new EV factories to drive the country's green energy sector.

What is Mexico's national strategy for the electricity sector?

Mexico's National Strategy for the Electric Sector, while comprehensive in its approach to energy production and distribution, notably omits crucial elements for innovation and new technologies, such as a dedicated digital strategy for the electricity sector.

Does Mexico have a green energy plan?

Mexico was an early adopter of renewable energy, diversifying its green energy mix to include hydropower, solar, wind, and geothermal power in recent years, with the potential for greater expansion.

How much energy does Mexico use?

This page is part of Global Energy Monitor's Latin America Energy Portal. Mexico derives more than 80% of its total energy supply from fossil fuels. In 2019, oil contributed 45.20%, followed by natural gas (37.84%), coal (6.44%), biofuels (5.02%), wind and solar (2.75%), nuclear (1.62%), and hydro power (1.13%).

What is Mexico's energy goal?

According to Mexico's Energy Transition Law (Ley de Transici3n Energ3tica) and General Climate Change Law (Ley General de Cambio Clim3tico), Mexico's goal is 35 percent of electricity from clean energy sources by 2024, which includes power regeneration from renewable and non-renewable sources such as nuclear and efficient cogeneration.

Can solar be used as a wind energy source in Mexico?

Solar deployment can follow wind transmission. Targeted grid upgrades, if any, for wind, will benefit solar as well because solar resources exist in all areas of the country. Solar potential in Mexico is six times larger than wind, and the technology complements wind generation very well.

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Rystad Energy presents an analysis of Mexico's energy system within the context of the evolving global energy landscape. This report provides a comprehensive overview of the current state of the country's energy sector, highlighting both opportunities and challenges.

Long-range planning of the power system for transmission, generation, and integration of renewable energy
How best to operate the electric grid as Mexico increases the use of renewable energy and energy efficient technologies ... Mexico is on the brink of a major energy reform that will significantly affect how people produce and consume ...

As Mexico transitions towards renewable energy, the expansion of the sector is expected to create more high-quality jobs, as well as help Mexico meet its target of net-zero carbon emissions by 2050. Further, renewable energy provides a low-cost means of electrifying rural areas.

The Sheinbaum administration recently unveiled its National Strategy for the Electric Sector, aiming to strengthen Mexico's state-owned companies. In doing so, it may have overlooked key economic, infrastructural, and technological challenges. In a new issue brief, nonresident scholar Rolando Fuentes explores the plan's potential benefits, risks, and gaps -- ...