

Italy electricity distribution



Overview

Natural gas was by far the leading source of electricity in Italy in December 2025, accounting for 65 percent of the country's total electricity generation that month.

Italy electricity distribution



Electricity sector in Italy

The electricity sector in Italy encompasses the generation, transmission, distribution, and consumption of electric power, serving an annual demand of 312.3 terawatt-hours in 2024, up 2.2% from the prior

[Italy Electricity Generation Mix 2025 , Low-Carbon Power Data](#)

Italy has already made substantial progress in the development and deployment of system flexibility and smart grid solutions, including the installation of smart



Italy Map

Italy is a state in Southern Europe, in the center of the Mediterranean. It is a member of the European Union and NATO, and is the third largest economy in the Eurozone.

[Expansion of the Italian electricity distribution grid](#)

Find out how the distribution grid in Italy is expanding, enabling new consumption patterns and supporting sustainable community and territorial



[Italy Power Market Trends and Analysis by Capacity.](#)

Detailed analysis of the country's power market regulatory structure, competitive landscape, and a list of major power plants are provided.

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[About Italy - History, Culture & Landscapes , Italy-Explore](#)

Nestled in the heart of southern Europe, Italy is a country that has captured the world's imagination with its rich history, stunning landscapes, and vibrant culture.

Energy Generation , Terna Driving Energy data

Access data on installed capacity and the amount of energy fed into the grid. You can also consult the energy balance of the Italian electricity system.



Discover Italy: Official Tourism Website

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Italy - Travel guide at Wikivoyage

Italy (Italian: Italia) was once the core of the mighty Roman Empire, and the cradle of the Renaissance. Along with Greece, it is regarded as the "birthplace" of Western culture, and it is also home to the



[Italy: electricity sources monthly shares 2025, Statista](#)

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[Italy , Facts, Geography, History, Flag, Maps, & Population , Britannica](#)

Geographical and historical treatment of Italy, including maps and a survey of its people, economy, and government. Italy comprises some of the most varied and scenic landscapes on



Italian National Grid , Terna Driving Energy

Electricity production in Italy still largely takes place using non-renewable sources (natural gas, coal and oil), although the development of renewable sources is

Electricity production and consumption in Italy

With a population of almost 60 million people, Italy is one of the leading European countries in terms of electricity production and consumption.



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