



# Rome electricity generation





## Overview

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View monthly electricity generation, the breakdown by power source, details on the 6 power plants in Rome, NY, and more. Italy 's total electricity consumption was 302. 75 terawatt-hour (TWh) in 2020, of which 270. 3%) was produced domestically and the remaining 10. Built on Via Ostiense, between the Mercati Generali and the left bank of the Tiber, it was inaugurated in 1912 at the behest of Mayor Ernesto Nathan (1845-1921). In 1913 the plant was named in memory of Giovanni. The Ministry for the Environment and Energy Security has resumed the authorization process to modernize the high-voltage electricity grid in Rome's metropolitan area, specifically in the "South-Western District.



## Rome electricity generation



### [The Power Plant , Musei Capitolini Centrale Montemartini](#)

The Centrale Montemartini was the first public electricity generating plant in Rome. Built on Via Ostiense, between the Mercati Generali and the left bank of the Tiber, it was inaugurated in 1912 at ...

### Italy Electricity Generation Mix 2025 , Low-Carbon Power Data

In 2025, Italy's electricity landscape reflects a mix of both fossil fuels and low-carbon sources. Fossil energy, accounting for about 41%, is still a significant component of Italy's electricity consumption, ...



### [Electricity production and consumption in Italy](#)

Natural gas was historically the leading single source of electricity in the country, while hydropower and solar photovoltaic energy dominated the renewable power sector, with a net ...

### A Rome district transition towards optimal and sustainable heat and

The sustainable transition of a district in the historical Rome area is studied.



## Italy Electricity Generation Mix 2025 , Low-Carbon Power Data

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### Rome's Journey Towards Energy Flexibility

It offers all citizens of Rome, starting from those with a contract of only 3 kW and installing a small device next to their meter, to be remunerated, and thus paid.



### Rome, NY Electricity Generation Summary

View monthly electricity generation, the breakdown by power source, details on the 6 power plants in Rome, NY, and more.



## Electricity sector in Italy



For a detailed picture of the sources of electric power in Italy (including decommission nuclear plants and renewable energy projects), see the list of power stations in Italy.



### [Renewables overtake fossil fuels in Italy's power grid](#)

Renewables covered 43.8% of the country's electricity demand over the six-month period, an 8.9 percentage point increase in a year, and a new record. This was thanks to strong ...

### [Energy and Transition in Italy and Europe](#)

With renewable energy production still insufficient--just 10 Mtoe (million tonnes of oil equivalent) in 2023, equal to 44% of electricity generation, Italy has failed to offset the reduction in ...



### [Revitalizing Rome's Energy Grid: Major Upgrades Underway](#)

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