

What type of reactor is used in EU power plants

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Most EU nuclear power comes from Pressurized Water Reactors (PWRs), with additional Boiling Water Reactors (BWRs), Pressurized Heavy Water Reactors (PHWRs), and a few advanced ...

This is a list of all the commercial nuclear reactors in the European Union and in Europe, with operational status. The list only includes civilian nuclear power reactors used to generate electricity ...

There are 106 operable nuclear power reactors in the EU. Some reactors are being decommissioned, others are having their working lives extended, and several new units are planned ...

As of October 2025, there is a total of 165 nuclear power reactors with an installed electric net capacity of 147,997 MWe in operation in Europe (six thereof in the Asian part of the Russian ...

The 98 nuclear power reactors (96 GWe) operating in 13 of the 27 EU member states account for about one-quarter of the electricity generated in the whole of the EU.

Explore Nuclear facilities across Europe with our interactive map - discover locations, details, and insights in a simple and visual way

At present, there are nuclear power plants operational in 12 EU Member States. In 2022, nuclear energy was responsible for generating 23 % of the EU's electricity.

The debate on nuclear energy in the EU focuses on both opportunities and challenges. Small modular reactors (SMRs) are often seen as offering potential solutions to energy supply issues and are likely ...

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