

Why did Belgium shut down its second nuclear reactor?

The Tihange 2 reactor, which went into commercial operation in 1983, was shut down at midnight heading into Wednesday. Image: Christoph Hardt/Panama Pictures/picture alliance Belgium shut down its second nuclear reactor in four months on Tuesday to diminish the country's dependency on nuclear power.

Will the Belgian government close 7 nuclear reactors by 2025?

The Belgian government has reached a deal to close seven ageing nuclear reactors by 2025. The reactors, housed at two plants in Doel and Tihange, have long been controversial. They have been shut down repeatedly for safety checks and have sparked fear in neighbouring countries.

Why did Belgium shut down the Doel 4 & Tihange 3 reactors?

In February 2022, due to the Russian invasion on Ukraine, a nuclear phaseout with new gas power plants was untenable and Minister Van der Straeten was forced to switch to the fallback plan. In March 2022, Belgium officially decided to postpone closing the two reactors Doel 4 and Tihange 3 by 10 additional years.

What happened to the Tihange 2 reactor in Belgium?

The aging Tihange 2 reactor is the second to be taken off the grid in Belgium. The move is part of a decades old plan for the country to reduce its reliance on nuclear power. The Tihange 2 reactor, which went into commercial operation in 1983, was shut down at midnight heading into Wednesday. Image: Christoph Hardt/Panama Pictures/picture alliance

Should nuclear power be phased out in Belgium?

In 2011 an industry-commissioned poll found that while a majority of Belgians supported the decision to phase out nuclear power. In 2012 70% feared higher energy costs and 82% believed nuclear power should not be phased out if it threatened energy security.

How many nuclear power plants are there in Belgium?

Belgium has two nuclear power plants operating with a net capacity of 5,761 MWe. Electricity consumption in Belgium has increased slowly since 1990 and in 2016 nuclear power provided 51.3%, 41 TWh per year, of the country's electricity. The country's first commercial nuclear power plant began operating in 1974.



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The newer Doel 4 and Tihange 3 would be shut down by 2025. However, it requested the Federal Agency for Nuclear Control (FANC) consider the extended operation of the two newer reactors if a report by grid operator Elia, due on 18 March, showed the security of energy supply would be jeopardised after 2025 without nuclear energy.



Brussels ??? A first reactor is to be taken off the grid on Friday evening as part of Belgium's controversial nuclear energy phase-out, Belgium news agency Belga reported. The reactor in Doel close to the city of Antwerp is one of seven reactors located in two different Belgian nuclear power plants.



To this end, Belgium's high-voltage grid operator Elia announced on Monday that it had decided on the latest projects that will receive subsidies to ensure energy supply, now looking ahead to winter 2027-2028.



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Germany is committed to switching off its last nuclear plant by the end of next year and its new government aims to phase out coal by 2030. Germany asks Belgium to shut reactors Belgium's



Scientists at Antwerp University are warning that closing Belgium's nuclear power plants could lead to outages that could become frequent. The researchers' forecasts do not take account of the expected increased demand for electricity in coming year



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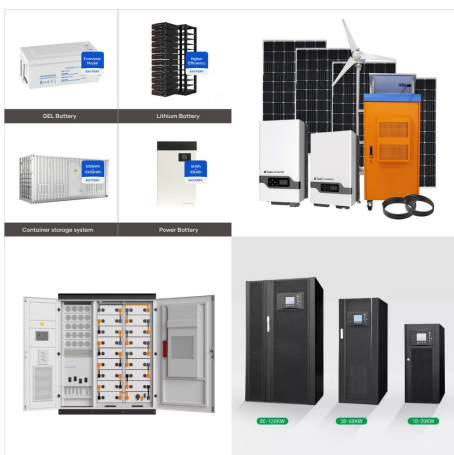
Wie in Belgi? onafhankelijk wil worden van het net ("off-grid gaan"), kan maar beter een fikse som geld opzij hebben staan. Want zonder batterijopslag en v??l zonnepanelen is het een onmogelijke klus. Wanneer we ???



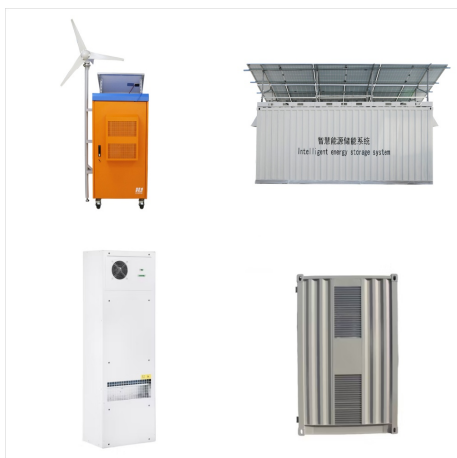
Belgium last month already reached an agreement with Engie to extend the life of two nuclear reactors by 10 years, overturning a plan to totally exit nuclear power in 2025, after the war in



Escape to the serene and tranquil world of your Nature Off Grid Cabin, a stunning off-grid cabin located amidst the lush Belgian countryside. This unique accommodation offers guests a chance to disconnect from the hustle and bustle of daily life and immerse themselves in nature.



Brussels - In view of the tense supply situation, the Belgian government is having a reserve operation of the Doel 3 nuclear power plant examined. The plant was supposed to be taken off the grid on 23 September, and dismantling was to begin soon???



OverviewHistoryNuclear power
plantsWastePhase-outHydrogen damage in Doel 3
and Tihange 2External auditAnti-nuclear movement



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September, ???



Met de saga rond de digitale stroommeters deze
week ben ik weer wat meer beginnen nadenken
over mijn elektriciteitsverbruik. Ik vroeg me af of het
in Belgi? mogelijk is om 100% off-grid te gaan.
Geen stroommeter, geen kabel naar de straat.
Niets. Is dit ?berhaupt mogelijk?



Om off-grid te gaan heb je een thuisbatterij / off-grid accu nodig om je stroom op te slaan. Zo'n accu kost gemiddeld tussen de ???5.000 en ???10.000, afhankelijk van het type en de capaciteit die je kiest.



Meeste echte off grid installaties ik gezien heb .het buitenland. (Waar geen net is) hebben batterij voor ongeveer 3-4 dagen. Dan gaan mensen bezuinigen (airco af, enkel koelkasten en verlichting) En dan benzine generator als het echt niet meer lukt. Enkele dagen per jaar.



"Despite calls from members of the Federal Government to postpone the dismantling of the Doel 3 nuclear reactor, both the operator Engie and the reactor's director have confirmed that it will be permanently shut down ???



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In Belgium, a nuclear reactor is now permanently shut down for the first time. Due to the nuclear phase-out rule implemented by previous governments, the Doel 3 reactor, one of the four reactors at the Doel Nuclear Power Plant, disconnected from the grid at 21.15 local time.